



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Ste A

Salem, OR 97301

Phone: 503-986-0900

Fax: 503-986-0904

www.Oregon.gov/OWRD

April 26, 2019

JIM MACK SR WWC# 1493
BANDON WELL AND PUMP CO
47530 HWY 101
BANDON, OREGON 97411

FINAL ORDER

Dear Mr. Mack:

The Special Standards Request Form you submitted for owner: Michael Keiser, Start Card number 1042519, is hereby approved for the following: You may alter, lower, the top terminal height of Water Supply Well and place it in a concrete vault with floor, as per the attached Department's schematic drawing. The vault must have a water tight lid and must be constructed per the vault design diagram included on your request. ***All vault penetrations must be grouted with a non-shrink grout forming a water tight seal. The vault floor must have a drain with a check valve to prevent backflow. In addition, the lid of the vault shall be permanently marked with the words "Water Well" in order to protect the groundwater resource and to assist Department personnel in locating the well in the future.*** All other well construction standards must be adhered to.

Verbal approval of this Special Standards Request was provided on April 26, 2019.

If you have any questions regarding this letter, I may be contacted at (503) 986-0852, or by e-mail at Joel.W.Jeffery@wrld.state.or.us.

Sincerely,

Joel Jeffery, Coordinator
Well Construction Program
Oregon Water Resources Department

enclosure

cc: SW Region
File

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.





Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Special Standards Request Form

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: 4/23/19 Oral approval date (if applicable): 4-25-19 8:19 AM JWC

Bonded Well Constructor (name, license #, and mailing address): Jim Mack Sr

47530 Hwy 101 Bandon, OR 97411

(1) Location of Well: SW 1/4 NW 1/4 Tax lot 100 Section 20

Township 27 S, Range 14 W, COOS County

Address at well site: NO # Bally Bandon Golf Course

Wiskey Run Bandon

(2) Start Card Number(s) (for work to be done): (Existing 1039322) New 1042519

(3) Name and Address of Land Owner: Michael Keiser

875 N. Michigan Ave #3920 Chicago, IL 60611

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)

1000' +

(5) The unusual site conditions which necessitate this request: Well L 129838 15

in the middle of a fairway on a new golf course
that will interfere with play

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

A state approved pitch design for a below
ground completion (see Attached) Drain in pit
will drain to course drainage system

RECEIVED



47530 HWY 101
BANDON OR 97411-9233

PHONE: (541) 347-PUMP (7867)
FAX: (541) 347-9678

DATE: 4/23/19

FROM: Jim Mack, Sr.

TO: Joel Jeffery

COMPANY: WRD

FAX #: (503) 986-0902

SUBJECT:

Special Standard Request

NUMBER OF PAGES INCLUDING COVER: 6

Joel

Attached is a special standard request for a below ground vault completion for a well we recently drilled at Bally Bandon Golf Course. The Course is currently under construction as is in the middle of a fairway. Wells were originally located to satisfy setbacks for water rights. Thank you for consideration in this matter.

Jim Mack Sr.

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APR 24 2019

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- (7) Diagram showing the pertinent features of the proposed well design and construction:
(attach additional pages if needed)

See Attached Drawing
Well ID L 129838

PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: _____

Special Standards Request Form 12

Revised 7/26/2006

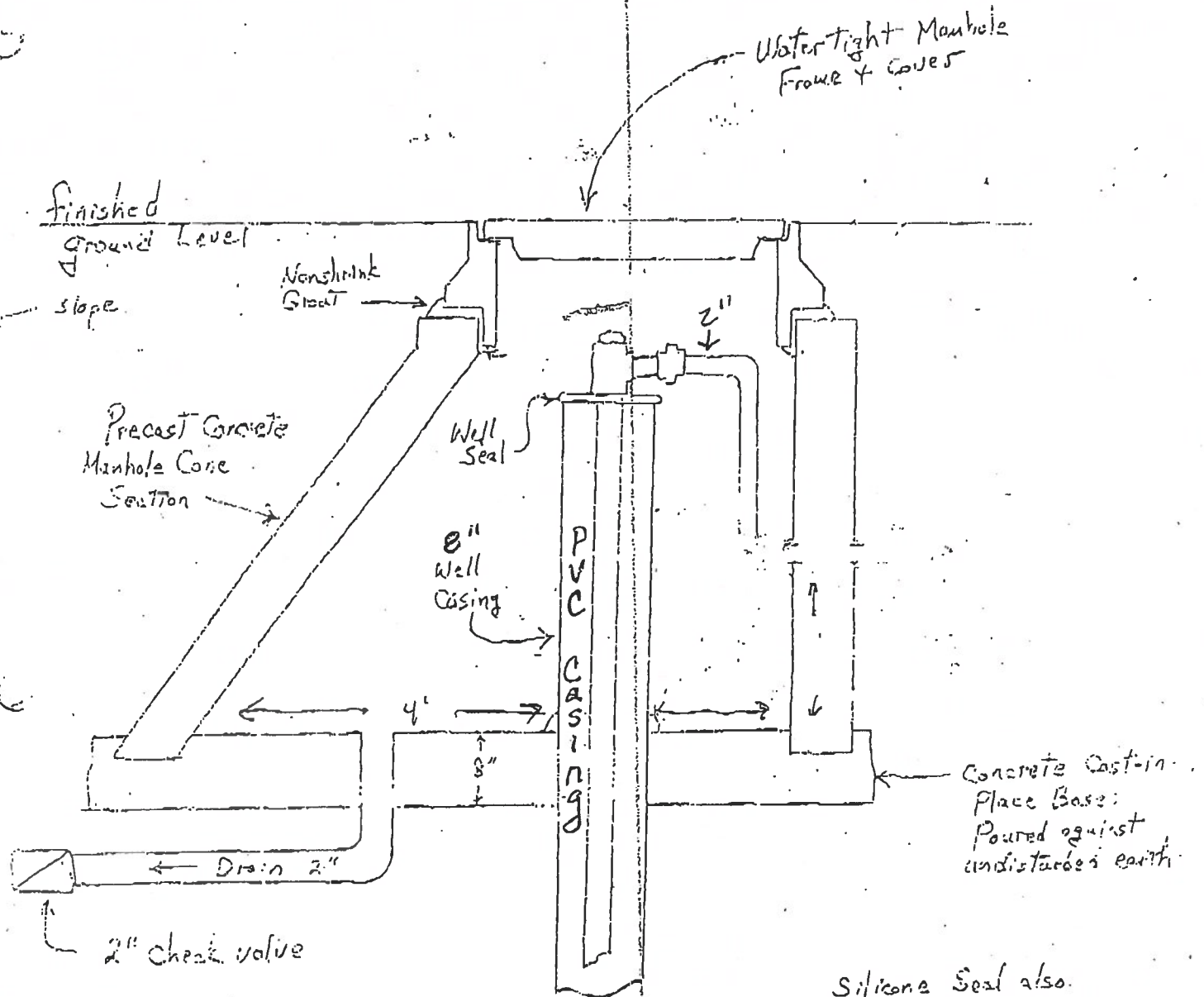
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APR 24 2019

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ENF

OREGON WATER RESOURCES DEPARTMENT, PIT DESIGN
page 1 of 2



2" drain line extending approximately 25 ft down slope.

Silicone Seal also required around 1" PVC Conduit where it enters the concrete manhole approximately 18" below finished grade.

NOTE: This well alteration requires a licensed and bonded water well constructors license or a landowners permit and bond to construct. A special standards submittal is also required.
drawn by S.S.

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APR 24 2019

OWRD

11/27/2018

(1) LAND OWNER Owner Well I.D. 1745 (SR3)
First Name MICHAEL Last Name KEISER
Company BALLY BANDON LLC (3)
Address 875 N MICHIGAN AVE # 3920
City CHICAGO State IL Zip 60611

(2) TYPE OF WORK ☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Std Plstc Wld Thrd
Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Material From To Amt sacks/lbs
Seal: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

(3) DRILL METHOD
☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard ☐ (Attach copy)
Depth of Completed Well 92.25 ft
BORE HOLE
Dia From To Material From To Amt sacks/lbs
20 0 4 Bentonite 0 38 41 S
12.25 4 93 Calculated 28.32
Calculated

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other POUR FROM SURFACE

Backfill placed from ft to ft Material

Filter pack from 38 ft to 93 ft Material SAND Size 6/9

Explosives used: ☐ Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Std Plstc Wld Thrd
☒ ☐ 10 ☒ 1.5 4 .250 ☒ ☐ ☐ ☐
☒ ☐ 8 ☒ 1 69.25 Sch40 ☒ ☐ ☐ ☐
☐ ☐ 8 ☐ 86.25 92.25 Sch40 ☐ ☐ ☐ ☐
Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temp casing ☐ Yes Dia From + To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Johnson V-Wire Material Stainless Steel
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Teja/ Screen Liner Dia From To width length slots pipe size
Screen Casing 8 69.25 86.25 .071 8 8

(8) WELL TESTS: Minimum testing time is 1 hour
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
65 8.7 85 4

Temperature 54 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) TDS amount 162 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County COOS Twp 27.00 S N/S Range 14.00 W E/W WM
Sec 20 SW 1/4 of the NW 1/4 Tax Lot 100
Tax Map Number Lot
Lat " or 43.21784402 DMS or DD
Long " or -124.39205173 DMS or DD
☒ Street address of well ☐ Nearest address

NO# WHISKEY RUN RD, BANDON

(10) STATIC WATER LEVEL
Date SWL (psi) + SWL (ft)
Existing Well / Pre-Alteration
Completed Well 11/20/2018 59.3
Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 58.75

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
11/7/2018	58.75	86	110		58.75
11/12/2018	59	86	110		59
11/19/2018	59.18	86	110		59.18
11/20/2018	59.35	86	110		59.35

(11) WELL LOG Ground Elevation 150.00

Material	From	To
Sandy topsoil	0	2
Cemented sand orange brown	2	4
Sand f-m brown orange	4	5
Sandy clay w/sand f-m yellow brown	5	7
Sand f-m brown	7	12
Cemented sand brown	12	20
Sand f-m orange brown	20	25
Sand f-m w/cemented lenses brown	25	27
Sand f-m w/sandy clay & wood tan brown	27	34
Sand f-m brown gray	34	55
Sand f-m w/cemented sand brown orange	55	57
Sand f-c brown *	57	69
Gravel f-m w/sand c-f brn gray loss cir	69	84
Gravel f-c w/sand c-f & clay brn gray20	84	86
Sandy clay gray	86	87
Claystone gray	87	88
Sandstone gray	88	93

Date Started 6/25/2018 Completed 11/20/2018

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number Date

Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1493 Date 11/27/2018

Signed JAMES MACK SR (E-filed)

Contact Info (optional) BANDON WELL & PUMP CO. (541) 347-7867

WATER SUPPLY WELL REPORT - Map with location
identified must be attached and shall include an approximate
scale and north arrow

COUS 57360

11/27/2018

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL

Latitude: 43.21784402 Datum: WGS84

Longitude: -124.39205173

Township/Range/Section/Quarter-Quarter Section:

WM 27S 14W 20 SWNW

Address of Well:

NO# WHISKEY RUN RD, BANDON

Well Label: 129838

Printed: November 27, 2018

DISCLAIMER: This map is intended to represent the
approximate location the well. It is not intended to
be construed as survey accurate in any manner.

Provided by well constructor



Received Time Apr. 23. 2019 3:06PM No. 0519