



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

1/30/2015

BANDON DUNES LIMITED PARTNERSHIP
2130 LINCOLN PARK NORTH
CHICAGO, IL 60614

REFERENCE: Application **G-13577** / Permit G-13498

Dear Permit Holder:

The Water Right Services Division received your written 2013 progress report for Permit G-13498. Receipt of the progress report was published on the Department's weekly Public Notice, dated December 16, 2014. The Department did not receive any public comment on the progress report.

After reviewing your Progress Report, the Department determined that diligence toward completion of the project and compliance with the terms and conditions of the permit and extension has been demonstrated.

Your next written progress report for Permit G-13498 is due no later than **October 1, 2018**. The report must be received by the Department no sooner than 30 days prior to the due date.

For your convenience, I have enclosed your next *Progress Report Form*. Please calendar this October 1, 2018 due date, as no further reminders will be sent.

As per your most recent extension, the date by which water must be applied to full beneficial use within the terms and conditions of your permit is October 1, 2022. ***Failure to submit a written progress report will most likely result in any future extensions being denied.***

If you have any questions, please feel free to contact me by telephone at (503) 986-0802.

Sincerely,

Machelle A Bamberger
Extensions
Water Right Services Division

Enclosure

cc: Application G-13577
Watermaster District 19 - Mitch Lewis



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

Extension of Time Progress Report Form For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: **BANDON DUNES LIMITED PARTNERSHIP**

Application **G-13577**

Permit **G-13498**

Report Due no later than October 1, 2018

DO NOT SUBMIT PRIOR TO 30 DAYS BEFORE DUE DATE

Progress Report Form for 2018

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfection of Permit G-13498. FAILURE TO SUBMIT THIS REPORT WILL MOST LIKELY RESULT IN ANY FUTURE EXTENSION BEING DENIED.

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, 2013 and October 1, 2018	FINANCIAL INVESTMENT

2. Compliance with terms and conditions of the permit and/or previous extension.

3. Total number of acres irrigated to date= _____ (if applicable)

4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.

Maximum rate used to date = _____ cfs (cubic feet per second)

Maximum rate used to date = _____ gpm (gallons per minute)

Acre-feet stored to date = _____ AF

Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.

INCOMPLETE REPORTS WILL BE RETURNED. AN ANSWER IS REQUIRED IN EACH ITEM. USE N/A FOR ITEM 3 IF THE USE IS NOT IRRIGATION.

Signature _____ Date _____

For OWRD use only

Diligence Shown ☐ Yes ☐ No

Date Public Noticed: _____

Reviewed by: _____

Date: _____

Route Slip.....Extension of Time Progress Report

1. Extension Specialist: Progress Report Review

Date Report was Due: 10/1/2013 (= "Deadline Date" for the corresponding ECP work flow record in WRIS)

Date Report Received: 10/29/2013

Report Complete: ☒ YES

☐ NO – Send letter requesting missing information.
☐ letter mailed on: _____

2. Support Staff: Publish on the Department's Public Notice

☒ 315 ☒ 320 OAR Division under which Progress Report was required

☒ Publish on Public Notice Date: 12/16/14

☒ Update workflow in WRIS

- ☐ (Fill in Extension Checkpoint 'Completed Date' in appropriate "ECP" work flow record and
- ☐ add record for Checkpoint Public Notice ("EPR" or "EP2")

☒ Return file to Machelle Bamberger.

3. Extension Specialist: Prepare Progress Report Confirmation Letter

See progress report procedures.doc

(date / mail out after 30 day comment period)

Date Confirmation Letter Needed: 1/15/2015

☒ Update Progress Report Worksheet.xls

☐ Send to permit holder + anyone who made comments after 30 day public notice

CC: Watermaster _____

File _____

PUBLIC NOTICE INFORMATION

Permit Holder's Name: Bandon Dunes Limited Partnership Attn:

Application: G-13577

Permit: G-13498

County: Coos

Source: Fourteen wells in the Cut Creek Basin

Use: Commercial use, Domestic use serving 500 households, and irrigation and out of season irrigation of a total of 500 acres



TECHNICAL MEMORANDUM

Date: October 18, 2013
To: Donald Stastny and Warren Felton
Bandon Dunes Limited Partnership
From: Ron Blegen, RG and David Banton, RG
RE: **2013 EXTENSION OF TIME PROGRESS REPORT**
BANDON DUNES LIMITED PARTNERSHIP WATER RIGHT PERMIT G-13498

Project No.: 133-92806
Company: Bandon Dunes Limited Partnership

This memorandum provides the 2013 5-year Progress Report (Report) required by the 2002 extension of time for Water Right Permit G-13498 held by the Bandon Dunes Limited Partnership (Bandon Dunes). A copy of the permit, permit extension, and associated transfer final orders is included in Appendix A. This Report is based on the report format provided by the Oregon Water Resources Department (OWRD) in 2008 in the absence of a permit-specific form for the 2013 reporting period, and is intended to be delivered to OWRD by the October 1, 2013 due date.

The information reported herein applies to work accomplished and finances invested between October 1, 2008 and October 1, 2013. The water use, pumping data, construction timeline, and financial commitment data is based on information provided to Golder Associates Inc. by Bandon Dunes. Additional water use information (e.g. annual reports) was obtained from OWRD.

1.0 WORK AND INVESTMENT SUMMARY

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS for the period of time between October 1, 2008 and October 1, 2013	FINANCIAL INVESTMENT
10/1/2008 to 10/1/2009	<u>Construction Activity:</u> - Normal course and facility maintenance and small construction projects. <u>Permit Activity:</u> - Permit Amendment Application (T-10719) submitted to OWRD on October 28, 2008 requesting removal of two POA's and transfer of 206.35 acres of proposed irrigated acreage to locations further south.	(Information on financial investments in the water supply infrastructure is provided below in the table notes)
10/1/2009 to 10/1/2010	<u>Construction Activity:</u> Normal course and facility maintenance and small construction projects.	

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Golder Associates Inc.
1430 West Broadway Road, Suite 108
Tempe, AZ 85282 USA
Tel: 480-966-0153 Fax: 480-966-0193 www.golder.com



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INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS for the period of time between October 1, 2008 and October 1, 2013	FINANCIAL INVESTMENT
	<u>Permit Activity</u> - Final Order for Permit Amendment T-10719 issued on January 22, 2010 (included in Appendix A). 2008 Extension of Time Progress Report for Permit G-13498 submitted to OWRD. - Permit Amendment Application (T-11087) submitted to OWRD on June 8, 2010 requesting changes in POU to accommodate Preserve Course and to correct permit errors issued with T-10179. - Final Order for T-11087 issued by OWRD on August 13, 2010 (included in Appendix A).	
10/1/2010 to 10/1/2011	<u>Construction Activity:</u> - Construction of Preserve Course begins with simultaneous installation of the in-ground irrigation system.* - Normal course and facility maintenance and small construction projects. <u>Permit Activity</u> - None	
10/1/2011 to 10/1/2012	<u>Construction Activity:</u> - Bandon Preserve course opens May 1, 2012. - Normal course and facility maintenance and small construction projects. <u>Permit Activity</u> - None	
10/1/2012 to 10/1/2013	<u>Construction Activity:</u> - Construction of the Punchbowl putting course begins with simultaneous installation of the in-ground irrigation system. The Punchbowl course opened for public play on September 13, 2013. ** - Normal course and facility maintenance and small construction projects. <u>Permit Activity</u> - None	

Notes:

*The Preserve course irrigation system includes the following:

250 Rainbird® sprinklers
3,800 feet of 6-inch PVC
1,000 feet of 4-inch PVC
12,000 feet of 2-inch PVC

Approximate system cost = \$300,000

** The Punchbowl putting course included the installation of the following:

32 Rainbird® sprinklers
800 feet of 4-inch PVC
3,000 feet of 2-inch PVC

Approximate irrigation system cost = \$50,000

Current plans call for additional development between 2013 and 2020, but planning and scheduling for the full extent of the buildout has not been completed.

2.0 COMPLIANCE WITH TERMS AND CONDITIONS OF THE PERMIT

A copy of permit G13498, with numbered references to the key provisions of the permit, is attached as Appendix A. The following paragraphs provide a brief explanation of compliance activity by Bandon Dunes.

No. 1 – Source of Water:

The original permit allowed for appropriation of groundwater from six wells in the Cut Creek Basin. Amendment T-8661 (effective August 27, 2002) added six wells as authorized points of appropriation. Amendment T-9782 (effective October 9, 2006) added two more wells to bring the total number of authorized Points of Appropriation to 14 wells. During the 5-year reporting period ending October 1, 2013 Bandon Dunes drew water from 9 wells. One of these wells (L74686) has been designated for potable water use. Eight wells currently supply irrigation water to the golf courses, practice facilities, and resort landscaping. Table 1 provides a summary of the 9 wells currently in use under G-13498. Well locations 11 existing permitted wells are presented in Figure 1.

No. 2 – Purpose or Use:

The purpose or use for the appropriated water remains irrigation for up to 500 acres, commercial uses, and domestic use serving up to 500 households. Bandon Dunes has been progressing toward the total of 500 acres allowed for irrigation through the construction of new golf courses and practice facilities and irrigation of landscaped areas around resort structures. Construction of the Bandon Preserve course began in 2010 and opened for play in 2012. A putting course, known as the Punchbowl, was constructed in 2013. As of October 1, 2013 the total estimated irrigated acreage under permit G-13498 is approximately 310 acres. Bandon Dunes expects to continue building new facilities and the total irrigated acreage is expected to be between 480 and 500 acres by 2020.

The number of guest housing units is currently 186 units. It is estimated that the potable supply currently supports up to 430 guests and 350 full-time employees (increasing to 600 to 650 employees during the summer months). The number of guest and staff housing units is projected to grow steadily through 2020.

No. 3 – Maximum Rate:

The maximum rate of water usage does not exceed 3.09 cubic feet per second (cfs) (1,387 gallons per minute, gpm) for irrigation purposes, or 0.46 cfs (206 gpm) for domestic and commercial uses. Irrigation water use data between 2008 and 2013 is presented on Table 2 and Figure 2. In 2012, Bandon Dunes pumped 193 million gallons from its irrigation supply wells and distributed the water to up to 310 acres that includes three 18-hole courses, the Preserve 13-hole executive course, practice facilities, and landscaped areas near resort facilities. The maximum monthly average pumping rate for all the irrigation wells during the 2012 and 2013 water years was 1,266 gpm (2.82 cfs) during August 2012 (Figure 3).

Potable water use has been growing since 2008, reaching a maximum of 20.2 million gallons in 2012 (Table 3, Figure 2). This translates to an average rate of use of 38 gpm, or 0.086 cfs. Wells designated for potable supply are pumped only long enough to fill water storage tanks.

Water use is monitored monthly at wellhead flow meters and reported annually to OWRD. Bandon Dunes will submit water use data for the 2013 water year to OWRD in late 2013. This report includes water use data provided by Bandon Dunes through May 2013.

No. 4 – Period of Use:

Water use for irrigation purposes takes place between March 1 and October 31 of each water year, with the majority of water pumped between May and September (Figure 3). Depending on weather conditions during the winter months some supplemental irrigation may take place between November and February as allowed under permit G-13498. Pumping from wells designated for commercial or domestic purposes is conducted on a year-round basis.

No. 5 – Amount of Use Allowed:

Water use for irrigation has not exceeded the limitations provided for under this section of Permit G-13498. By the end of the 2011-2012 irrigation season approximately 310 acres were under active irrigation. Under the terms of the permit, this translates to a maximum allowable application of 775 acre-ft, or approximately 253 million gallons, over the course of the irrigation season. Based on water use records collected by Bandon Dunes during the 2011-2012 water year, the total volume of groundwater appropriated for irrigation on lands permitted under G-13498 was 593 acre-ft (193 million gallons) (Table 2, Figure 2) and the maximum monthly average pumping rate was 1,266 gpm (2.82 cfs) (Figure 3).

No. 6 – Place of Use:

Since October 1, 2008, the place of use has been altered through permit amendments T-10719 (Final Order approved January 22, 2010) and T-11087 (Final Order approved August 13, 2010). The Final Order for each of these amendments is included in Appendix A. Amendment T-10719 shifted a substantial amount of irrigated acreage from the north end of the property to non-irrigated lands in the

southern half of the Bandon Dunes property. Amendment T-11087 resulted in smaller changes in the authorized place of use to accommodate construction of the Preserve golf course. Permit G-13498 allows for irrigation on up to 500 acres. At present the total acreage irrigated under G-13498 is estimated by Bandon Dunes to be 310 acres. Additional future facility upgrades are expected to increase the total irrigated acreage to near 500 acres.

No. 7 – Metering Requirements:

Meters have been installed at the wellhead of each irrigation and domestic well in active use at the property. Monthly meter readings are recorded and compiled by Bandon Dunes personnel and an annual water use report is submitted to OWRD at the end of each water year.

No. 8 – Watermaster Access:

The Watermaster has access to the wells and meters at any time.

No. 9 – Well Locations:

All irrigation and potable supply wells constructed since 2002 have been placed within the "Alternative Well Placement Areas" as demarcated in the EGR and Associates document of May 27, 1997, or placement has otherwise been approved by OWRD through permit amendment. A total of 14 wells are approved for use under permit G13498. The 9 wells that have been actively used as irrigation and potable supply wells during the 2008 to 2013 period are listed in Table 1. Well locations for 11 existing wells are depicted in Figure 1.

No. 10 – Well Construction Requirements:

All wells constructed by Bandon Dunes and in active use as irrigation or potable supply wells meet the minimum construction requirements established in the permit. There has been no new well construction associated with Permit G-13498 since October 1, 2008.

No. 11 – Substantial Interference with Other Rights:

There have been no known issues regarding interference with other water right holders in the vicinity.

No. 12 – Monitoring Plan:

Bandon Dunes submitted a monitoring plan to OWRD, which was accepted in 2001. Bandon Dunes has been monitoring groundwater levels and quality, and modifying water use in accordance with the plan since that time. Attached are examples of charts of groundwater level data compiled by Bandon Dunes staff on a monthly basis since 2002 (see Appendix B).

3.0 TOTAL NUMBER OF ACRES IRRIGATED TO DATE

Currently, there are 310 acres under irrigation as of the date of this report. This represents a reduction in the number of acres irrigated since 2008, primarily due to the changes in place of use authorized under permit amendments T-10719 and T-11087 (both approved in 2010).

4.0 PROVIDE THE MAXIMUM RATE, OR DUTY IF APPLICABLE, OF WATER DIVERTED FOR BENEFICIAL USE UNDER THIS PERMIT, IF ANY, TO DATE:

Maximum rate used to date = 3.25 cfs (cubic feet per second) in July 2010.

List of Tables

Table 1	Permit G-13498 Irrigation and Potable Supply Well Data
Table 2	Permit G-13498 Irrigation Water Use Summary
Table 3	Permit G-13498 Potable Water Use Summary

List of Figures

Figure 1	Bandon Dunes Water Right G-13498 2013 Extension of Time Progress Report
Figure 2	Permit G-13498 Annual Water Use, 2008 to 2013
Figure 3	Permit G-13498 Water Appropriated for Irrigation, Water Years 2012 and 2013

List of Appendices

Appendix A	Permit G13498, Permit Extension, and Subsequent Amendment Final Orders
Appendix B	Groundwater Level Data Compiled by Bandon Dunes Staff

TABLES

Table 1: Permit G-13498 Irrigation and Potable Supply Well Data

Well No.	Construction Date	Depth Drilled (feet)	Borehole Diameter (inches)	Screen Diameter (inches)	Screened Interval(s) (feet bgs)	Reported Production Rate (gpm)	Notes
L10847	7/17/1997	243	12.25	8	96 - 116	100	Bandon Dunes course irrigation well.
L10848	7/24/1997	185	12.25	8	148.5 - 168.5	170	Bandon Dunes course irrigation well.
L18620	6/29/1998	260	12.25	8	119 - 139	125	Bandon Dunes course irrigation well.
L34007	5/6/2000	200	12.25	8	111.25 - 129.25 134.6 - 141.6	160	Pacific Dunes course irrigation well.
L34008	5/16/2000	220	12.25	8	115.3 - 131.3	105	Pacific Dunes irrigation well.
L34018	11/12/2001	155	12.25	8	62.11 - 78.2	132	Pacific Dunes irrigation well.
L34030	6/27/2000	185	15	10	66.4 - 86.5	224	Pacific Dunes well.
L69436	9/15/2004	200	17.5	10	166 - 194.5	400	Trails course irrigation well
L75799	10/11/2005	125	17.5	10	109.5 - 119.5	100	Potable well. Rarely used.
L74686	7/16/2005	260	17.5	10	229.3 - 255.8	350	Primary potable well.

Notes:

bgs = below ground surface

gpm = gallons per minute

The table presents construction data for the irrigation and potable supply wells that are in active use at Bandon Dunes.

Irrigation well L91192 and potable supply well L44790, presented on Figure 1, are rarely used.

Table 2: Permit G-13498 Irrigation Water Use Summary

Water Year End	Total Appropriation	Total Appropriation for Irrigation			Acres Irrigated During Water Year	Volume of Water Applied per Acre of Land (Acre-Feet)
	Mgal	Gallons	Mgal	Acre-Feet		
2009	247	235,725,127	236	723.4	420	1.72
2010	153	144,953,626	145	444.8	302	1.47
2011	183	169,688,749	170	520.8	310	1.68
2012	213	193,177,477	193	592.8	310	1.91
2013	67	53,388,479	53	163.8	310	0.53
Permit G-13498 Allowance (full-build-out)					500	2.5

Notes:

Mgal = Million gallons

2013 data includes water use from October 2012 through May 2013.

Permit G13498 allows for the application of 2.5 acre-ft of water per irrigated acre in season.

2009 acreage matches acreage reported in 2008. T-10719, which shifted 206.35 acres to un-irrigated areas of the property, was approved in Jan-2010.

Irrigated acreage for water years 2010 is based on total 2013 acreage less the acreage represented by the Preserve course (8 acres). Irrigated acreage in 2011 and 2012 assumes full irrigation of the Preserve course acreage during the construction and grow-in period.

Sources: OWRD Web Site (Water Use Records)
Water use records supplied by Bandon Dunes

Table 3: Permit G-13498 Potable Water Use Summary

Water Year End	Total Appropriation for Potable Use (gallons)	Total Appropriation for Potable Use (Mgal)	Average Pumping Rate (gpm)	Average Pumping Rate (cfs)
2009	11,280,700	11.28	21	0.048
2010	8,514,200	8.51	16	0.036
2011	13,684,990	13.68	26	0.058
2012	20,182,833	20.18	38	0.086
2013	13,543,253	13.54	26	0.057
Maximum rate per Permit G-13498:				0.46

Notes:

Mgal = Million gallons

gpm = gallons per minute

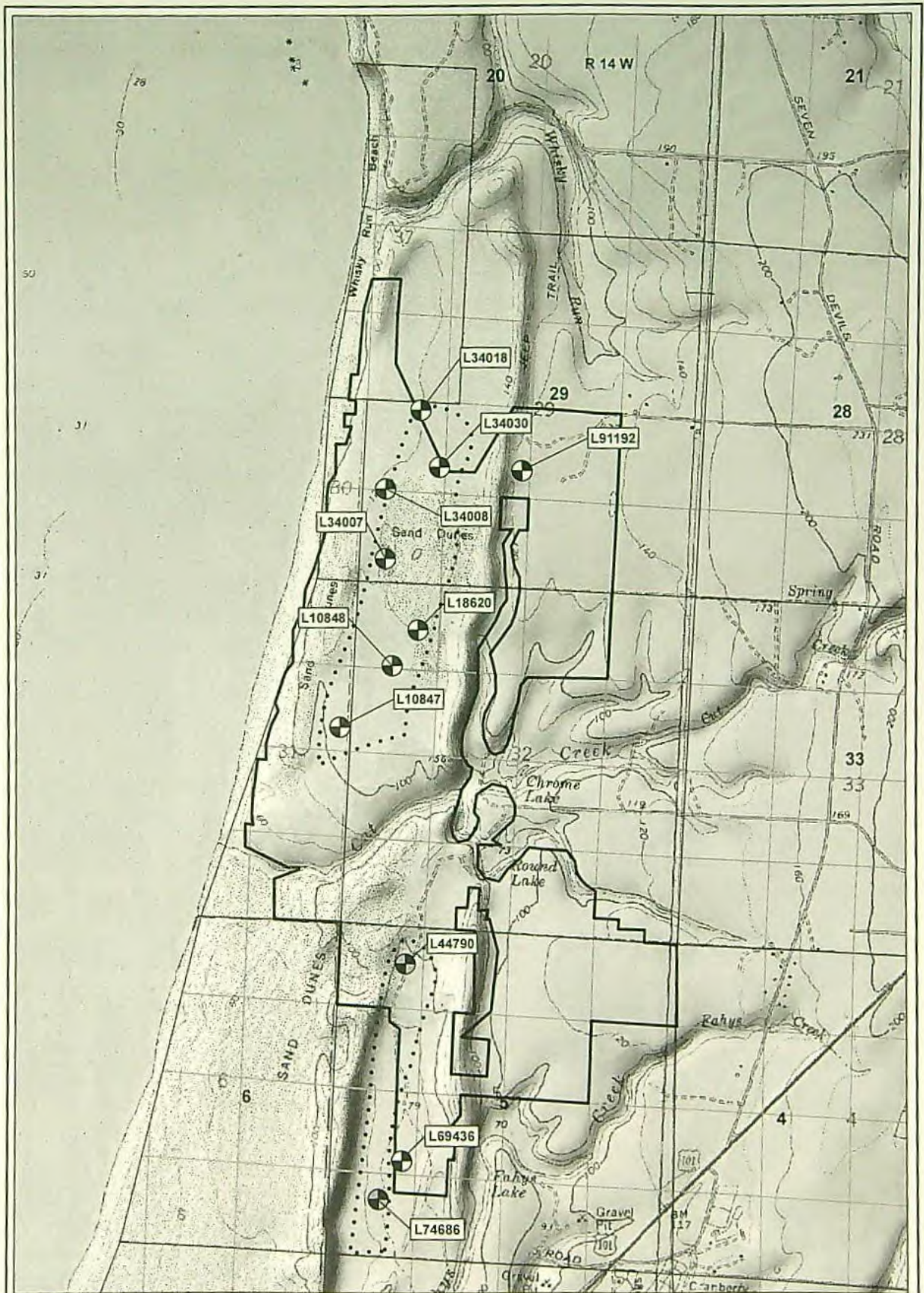
cfs = cubic feet per second

Potable water has been pumped from well L-74686.

Average pumping rate assumes year-round pumping.

2013 data includes water use from October 2012 through May 2013.

FIGURES



LEGEND

-  Domestic Well
-  Irrigation Well
-  Permit G13498 Alternate Well
-  Placement Area (Approximate)
-  Authorized POU

Scale 1" = 1,320 Feet

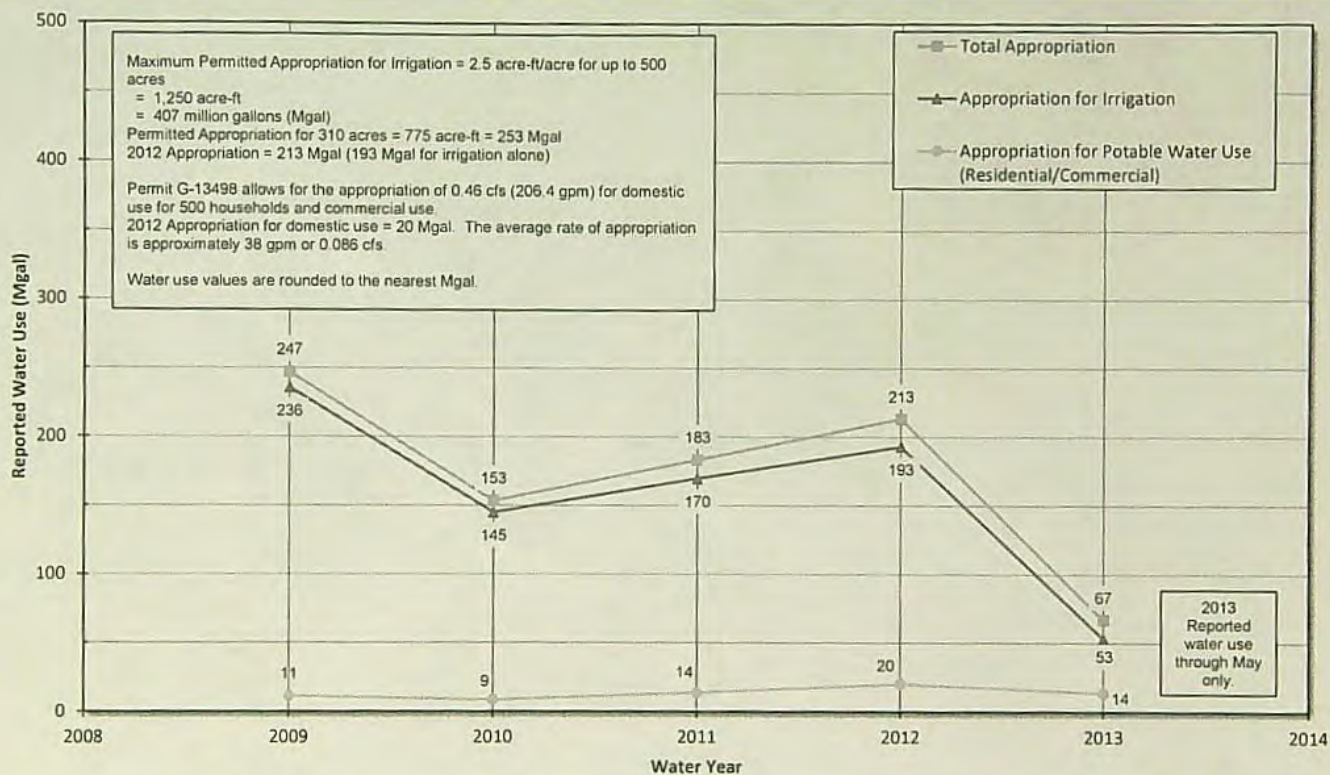
Map Projection
Oregon State Plane
South Zone, NAD 83 Feet
Source: USGS, Skinner & Assoc.
Stuntz Engineering

This figure was originally produced in color. Reproduction in black and white may result in a loss of information.

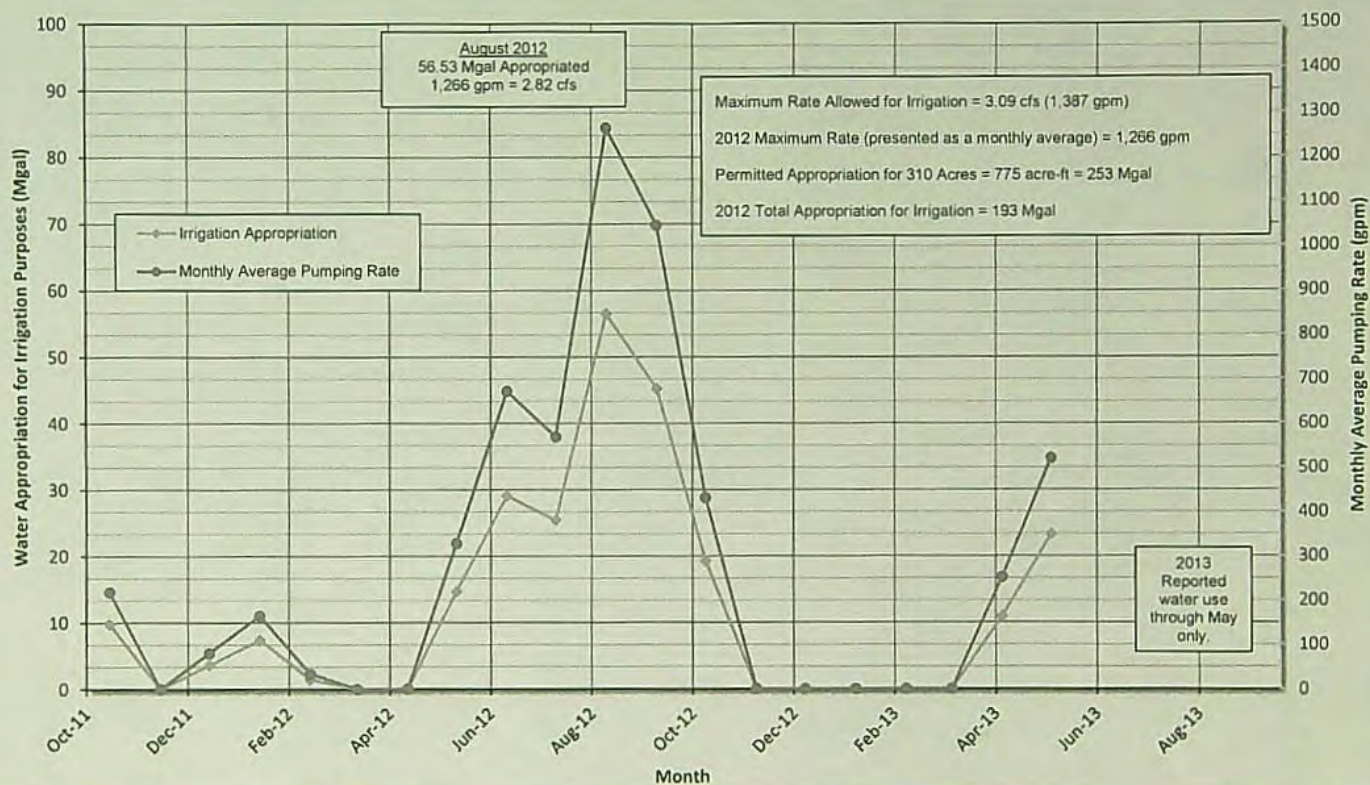
BANDON DUNES WATER RIGHT G-13498
2013 Extension of Time Progress Report
BANDON DUNES WATER SUPPLY EVALUATOR

Drawn: TH Revision: 0 Date: Sep 24, 2013 Figure: 1

Golder Associates



Title		Permit G-13498 Annual Water Use		Drawn	RPB
Project Name	Bandon Dunes / 2013 On-Call and Reporting	Project No.	133-92806	Checked	CB
Client Name	Bandon Dunes Limited Partnership	Date	October 18, 2013	Reviewed	DB
				FIGURE	2



Title Permit G-13498 Water Appropriated for Irrigation, Water Years 2012 and 2013

Project Name Bandon Dunes / 2013 On-Call and Reporting

Client Name Bandon Dunes Limited Partnership

Project No. 133-92806

Date October 18, 2013

Drawn RPB

Checked CB

Reviewed DB

FIGURE 3

APPENDICES

APPENDIX A
PERMIT G13498, PERMIT EXTENSION, AND SUBSEQUENT AMENDMENT FINAL ORDERS

STATE OF OREGON

COUNTY OF Coos

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

BANDON DUNES LIMITED PARTNERSHIP
C/O HOWARD MCKEE
2130 LINCOLN PARK W.
CHICAGO, IL 60614

PHONE: (312) 281-0652

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-13577

- 1 SOURCE OF WATER: SIX WELLS IN THE CUT CREEK BASIN
- 2 PURPOSE OR USE: COMMERCIAL USE, DOMESTIC USE SERVING 500.0 HOUSEHOLDS, AND IRRIGATION AND OUT-OF-SEASON IRRIGATION OF A TOTAL OF 500.0 ACRES
- 3 MAXIMUM RATE: 3.55 CUBIC FEET PER SECOND (CFS), BEING 0.46 CFS FOR DOMESTIC USE FOR 500 HOUSEHOLDS AND COMMERCIAL USE AND 3.09 CFS FOR IRRIGATION
- 4 PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION USE; NOVEMBER 1 THROUGH THE MONTH OF FEBRUARY FOR OUT-OF-SEASON IRRIGATION; YEAR ROUND FOR COMMERCIAL USE AND DOMESTIC USE FOR 500 HOUSEHOLDS

DATE OF PRIORITY: DECEMBER 17, 1993

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, NW 1/4 NW 1/4, SW 1/4 NW 1/4, SECTION 32, T27S, R14W, W.M., NW 1/4 NW 1/4, SW 1/4 NW 1/4, SECTION 5, T28S, R14W, W.M.; SCHUMANN WELL - 417 FEET SOUTH AND 283 FEET WEST FROM N1/4 CORNER SECTION 32; PW5 - 27 FEET NORTH AND 382 FEET WEST FROM NW1/16 CORNER, SECTION 32; PW4 - 377 FEET NORTH AND 173 FEET EAST FROM W1/4 CORNER, SECTION 32; WELL 1 - 641 FEET SOUTH AND 69 FEET WEST, WELL 2 - 632 FEET SOUTH AND 254 FEET WEST BOTH FROM W1/16 CORNER, BETWEEN SECTION 5 AND 32; WELL 3 - 61 FEET SOUTH AND 303 FEET WEST FROM NW1/16 CORNER, SECTION 5

- 5 The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year.

*Per - Amended
T-2801 Δ POU/APPOR*

Application G-13577 Water Resources Department

PERMIT G-13498

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL</u> <u>IRRIGATION</u>	<u>COMMERCIAL</u>
NE 1/4 SW 1/4	39.1 ACRES		
NW 1/4 SW 1/4	40.0 ACRES		
SW 1/4 SW 1/4	40.0 ACRES		
SE 1/4 SW 1/4	38.4 ACRES		X
NW 1/4 SE 1/4	40.0 ACRES		
SW 1/4 SE 1/4	40.0 ACRES		
SECTION 29			
NE 1/4 SE 1/4	12.0 ACRES		
SE 1/4 SE 1/4	18.0 ACRES		
SECTION 30			
NE 1/4 NE 1/4	27.1 ACRES		
SE 1/4 NE 1/4	33.6 ACRES		
NE 1/4 SE 1/4	45.8 ACRES		
SE 1/4 SE 1/4	12.5 ACRES		
SECTION 31			
NW 1/4 NE 1/4	40.0 ACRES		
NE 1/4 NW 1/4	34.8 ACRES		X
NW 1/4 NW 1/4	40.0 ACRES		
SW 1/4 NW 1/4	40.0 ACRES		
SE 1/4 NW 1/4	21.5 ACRES		X
NE 1/4 SW 1/4	22.3 ACRES		X
NW 1/4 SW 1/4	36.8 ACRES		X
SW 1/4 SW 1/4	5.0 ACRES		X
SE 1/4 SW 1/4	33.6 ACRES		X
NW 1/4 SE 1/4	0.5 ACRE		X
SW 1/4 SE 1/4	36.1 ACRES		
SE 1/4 SE 1/4	40.0 ACRES		
SECTION 32			
TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.			
NE 1/4 NE 1/4	29.4 ACRES		
NW 1/4 NE 1/4	28.11 ACRES	0.29 ACRE	
SW 1/4 NE 1/4	39.85 ACRES	0.15 ACRE	
SE 1/4 NE 1/4	35.42 ACRES	0.38 ACRE	
NE 1/4 NW 1/4	19.3 ACRES		
NW 1/4 NW 1/4	6.5 ACRES		
SW 1/4 NW 1/4	10.8 ACRES		
SE 1/4 NW 1/4	32.1 ACRES		
NE 1/4 SW 1/4	21.8 ACRES		
NW 1/4 SW 1/4	9.0 ACRES		
SW 1/4 SW 1/4	10.0 ACRES		
SE 1/4 SW 1/4	17.0 ACRES		
NE 1/4 SE 1/4	9.3 ACRES		
NW 1/4 SE 1/4	18.0 ACRES		
SECTION 5			
NW 1/4 NE 1/4			X
NE 1/4 NW 1/4			X
SECTION 8			
TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.			

*Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the Place of Use above.

Measurement, recording and reporting conditions:

- 7 A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- 8 B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- 9 Production well locations shall be limited to the areas identified as "Alternative Well Placement Areas" in EGR and Associates document of May 27, 1997.
- 10 With the exception of the existing Schuman well (Coos 330), all wells used for water supply under this permit shall be constructed in a manner to case and seal off all water to a minimum depth of 80 feet below land surface.

Any future well drilling shall be coordinated with the Department for well location, well construction and the driller's collection of geologic samples.
- 11 If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.
- 12 The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within 60 days of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include: 1) a 5 year program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells; 2) measure specific conductance of

groundwater; 3) collect and report water use data; 4) outline a mitigation plan to address future groundwater interference with surface water and salt water encroachment. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 10 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 10-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin by May 28, 1999. Complete application of water to the use shall be made on or before October 1, 2002. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued October 7, 1998

Dwight Frank for
 Martha O. Pagel, Director
 Water Resources Department

Application G-13577 Water Resources Department
 Basin 17 Volume 7 BASIN 15 MISC
 LKS MGMT.CODES 3BW 7AG 7AR 7BG 7BR

PERMIT G-13498
 District 19

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13577

Final Order¹
Extension of Time for Permit Number G-13498

Application History

On OCTOBER 7, 2002, BANDON DUNES LIMITED PARTNERSHIP submitted an application to the Department for an extension of time for permit number G-13498. The Department issued permit number G-13498 on OCTOBER 7, 1998. The permit called for complete application of water to the full beneficial use by OCTOBER 1, 2002. In accordance with OAR 690-315-0050(2), on JULY 29, 2003, the Department issued a Proposed Final Order proposing to extend the time to fully apply water to beneficial use to OCTOBER 1, 2022. The protest period closed SEPTEMBER 12, 2003, in accordance with OAR 690-315-0060(1). No protest was filed.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.230, 537.248, 537.630, 539.010(5) and/or OAR 690-315-0040(2).

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to the following conditions:

CONDITIONS

In accordance with OAR 690-315-0050(6), the permittee must submit a written progress report to the Department by October 1, of the years 2008, 2013 and 2018. The report must be received by the Department not sooner than 90 days prior to the due date. The permittee's report must describe in detail the work done each year since the last extension was granted or the last progress report submitted. The report shall include:

- a) The amount of construction completed;
- b) The amount of beneficial use of water being made, including the total volume of water used, water used relative to the specific authorizations (types of use, acres irrigated, etc.) contained in the permit, and the percent of the total allowable water use that this represents;

¹ ***Appeal Rights***

Under the provisions of ORS 536.075, the applicant may appeal this order by filing a petition for review in the Circuit Court for Marion County or the circuit court for the county in which the applicant resides or has a principal business office. The petition for review must be filed within 60 days after the date this order is served. ORS 183.484.

- c) A review of the permittee's compliance with terms and conditions of the permit and/or previous extension; and
- d) Financial investments made toward developing the beneficial water use. The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

Failure to submit a progress report by the due date above may jeopardize continued development under the permit.

The Department will take into consideration annual reports submitted under OAR Chapter 690, Division 86 or ORS 537.099, and any other report that demonstrates diligence.

Other reports, however, are not a substitute for the progress reports and anything submitted must clearly show that diligence towards perfecting the water right permit is being attempted.

If the Department finds that diligence is questionable, the Department may:

- a) request the permittee to submit additional information with which to evaluate diligence; or
- b) apply additional conditions and performance criteria for perfection of the right; or
- c) cancel the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410 to 537.450. The Department will grant the permittee a hearing on the cancellation, if one is requested.

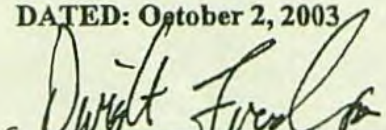
In determining whether the permittee has been diligent, the Department will consider any information submitted to the Department by the permittee and any information submitted during the 30-day public comment period following public notice of submittal of the progress report.

If information is received through the public notice process indicating that the applicant has not been diligent toward completing the project, and if the director determines there are significant disputes related to the use of water, the Department will conduct a hearing.

Order

The extension of time for Application Number G-13577, Permit Number G-13498, therefore, is approved. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2022.

DATED: October 2, 2003


Paul R. Cleary, Director

STATE OF OREGON

COUNTY OF COOS

ORDER APPROVING A CHANGE IN PLACE OF USE,
A CHANGE IN POINT OF APPROPRIATION,
AND ADDITIONAL POINTS OF APPROPRIATION

Pursuant to ORS 537.211, after notice was given, and finding that the proposed points of appropriation, as constructed, would not have the potential for interference with stream flow in Cut Creek, and also finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, PERMIT AMENDMENT T-8861 submitted by

BANDON DUNES LIMITED PARTNERSHIP C/O HOWARD McKEE
2130 LINCOLN PARK WEST
CHICAGO, ILLINOIS 60614.

The permit to be modified is Permit G-13498 with a date of priority of DECEMBER 17, 1993. The permit allows the use of FIVE WELLS, in the CUT CREEK BASIN, for COMMERCIAL USE, DOMESTIC USE SERVING 500 HOUSEHOLDS, AND IRRIGATION AND OUT-OF-SEASON IRRIGATION OF 500.0 ACRES. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 3.55 CUBIC FEET PER SECOND(CFS), BEING 0.46 CFS FOR DOMESTIC USE FOR 500 HOUSEHOLDS AND COMMERCIAL USE, AND 3.09 CFS FOR IRRIGATION, if available at the original wells; NE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 32, T 27 S, R 14 W, W.M., NW $\frac{1}{4}$ NW $\frac{1}{4}$, AND SW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 5, T 28 S, R 14 W, W.M.; SCHUMAN WELL - 417 FEET SOUTH AND 283 FEET WEST FROM THE NW CORNER OF SECTION 32; PW5 - 27 FEET NORTH AND 382 FEET WEST FROM THE NW 1/16 CORNER OF SECTION 32; PW4 - 377 FEET NORTH AND 173 FEET WEST

This is an order in other than a 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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

FROM THE W $\frac{1}{4}$ CORNER OF SECTION 32; WELL 1 - 641 FEET SOUTH AND 69 FEET WEST; WELL 2 - 632 FEET SOUTH AND 254 FEET WEST; BOTH FROM THE W $\frac{1}{16}$ CORNER BETWEEN SECTIONS 5 AND 32; WELL 3 - 61 FEET SOUTH AND 303 FEET WEST FROM THE NW $\frac{1}{16}$ CORNER OF SECTION 5, or its equivalent in case of rotation, measured at the well.

The amount of water used for irrigation, together with the amount secured under any other right existing on the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2 $\frac{1}{2}$ acre-feet per acre for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out of season irrigation. The total amount diverted shall not exceed 2 $\frac{1}{2}$ acre-feet for each acre irrigated each year.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is as follows:

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NE $\frac{1}{4}$ SW $\frac{1}{4}$	39.1 ACRES		
NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.0 ACRES		
SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.0 ACRES		
SE $\frac{1}{4}$ SW $\frac{1}{4}$	38.4 ACRES		X
NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.0 ACRES		
SW $\frac{1}{4}$ SE $\frac{1}{4}$	40.0 ACRES		
SECTION 29			
NE $\frac{1}{4}$ SE $\frac{1}{4}$	12.0 ACRES		
SE $\frac{1}{4}$ SE $\frac{1}{4}$	18.0 ACRES		
SECTION 30			
NE $\frac{1}{4}$ NE $\frac{1}{4}$	27.1 ACRES		
SE $\frac{1}{4}$ NE $\frac{1}{4}$	33.6 ACRES		
NE $\frac{1}{4}$ SE $\frac{1}{4}$	45.8 ACRES		
SE $\frac{1}{4}$ SE $\frac{1}{4}$	12.5 ACRES		
SECTION 31			

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NW¼ NE¼	40.0 ACRES		
NE¼ NW¼	34.8 ACRES		X
NW¼ NW¼	40.0 ACRES		
SW¼ NW¼	40.0 ACRES		
SE¼ NW¼	21.5 ACRES		X
NE¼ SW¼	22.3 ACRES		X
NW¼ SW¼	36.8 ACRES		X
SW¼ SW¼	5.0 ACRES		X
SE¼ SW¼	33.6 ACRES		X
NW¼ SE¼	0.5 ACRE		X
SW¼ SE¼	36.1 ACRES		
SE¼ SE¼	40.0 ACRES		

SECTION 32

TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.

NE¼ NE¼	29.4 ACRES	
NW¼ NE¼	28.11 ACRES	0.29 ACRE
SW¼ NE¼	39.85 ACRES	0.15 ACRE
SE¼ NE¼	35.42 ACRES	0.38 ACRE
NE¼ NW¼	19.3 ACRES	
NW¼ NW¼	6.5 ACRES	
SW¼ NW¼	10.8 ACRES	
SE¼ NW¼	32.1 ACRES	
NE¼ SW¼	21.8 ACRES	
NW¼ SW¼	9.0 ACRE	
SW¼ SW¼	10.0 ACRES	
SE¼ SW¼	17.0 ACRES	
NE¼ SE¼	9.3 ACRES	
NW¼ SE¼	18.0 ACRES	

SECTION 5

NW¼ NE¼	X
NE¼ NW¼	X

SECTION 8

TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.

"*" Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the place of use above.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

The applicant proposes to change the place of use to:

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
• NE¼ SW¼	8.4 ACRES		
• SW¼ SW¼	15.0 ACRES		
• SE¼ SW¼	38.2 ACRES		
SECTION 20			
• NE¼ NW¼	40.0 ACRES		
• NW¼ NW¼	38.8 ACRES		
• SW¼ NW¼	40.0 ACRES		
• SE¼ NW¼	40.0 ACRES		
• NE¼ SW¼	28.6 ACRES		
• NW¼ SW¼	40.0 ACRES		
• SW¼ SW¼	40.0 ACRES		
• SE¼ SW¼	33.8 ACRES		X
• SW¼ SE¼	27.8 ACRES		
SECTION 29			
• NE¼ NE¼	2.5 ACRES		
• SE¼ NE¼	7.9 ACRES		
• NE¼ SE¼	12.0 ACRES		
• SE¼ SE¼	18.0 ACRES		
SECTION 30			
• NE¼ NE¼	27.1 ACRES		
• SE¼ NE¼	33.6 ACRES		
• NE¼ SE¼	45.8 ACRES		
• SE¼ SE¼	12.5 ACRES		
SECTION 31			

		<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NW¼	NE¼	40.0 ACRES		
NE¼	NW¼	34.8 ACRES		X
NW¼	NW¼	40.0 ACRES		
SW¼	NW¼	40.0 ACRES		
SE¼	NW¼	21.5 ACRES		X
NE¼	SW¼	22.3 ACRES		X
NW¼	SW¼	36.8 ACRES		X
• SW¼	SW¼			X
• SE¼	SW¼	12.5 ACRES		X
NW¼	SE¼	0.5 ACRE		X
SW¼	SE¼	36.1 ACRES		

SECTION 32

TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.

NE¼	NE¼	29.4 ACRES	
NW¼	NE¼	28.11 ACRES	0.29 ACRE
SW¼	NE¼	39.85 ACRES	0.15 ACRE
SE¼	NE¼	35.42 ACRES	0.38 ACRE
• NE¼	NW¼	9.3 ACRES	
• SE¼	NW¼	13.6 ACRES	
• NE¼	SW¼	6.2 ACRES	
NE¼	SE¼	9.3 ACRES	
NW¼	SE¼	18.0 ACRES	

SECTION 5

NW¼	NE¼	X
NE¼	NW¼	X

SECTION 8

TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.

"*" Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the place of use above.

"•" Place of use involved in the change.

The applicant proposes to change the point of appropriation of the Schuman Well to:

NEW SCHUMAN WELL - NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 29, T 27 S, R 14 W, W.M.; 1549 FEET NORTH AND 2756 FEET EAST FROM THE NW CORNER OF SECTION 32, T 27 S, R 14 W, W.M..

The applicant proposes additional points of appropriation located:

WELL L34030 - NE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 29, T 27 S, R 14 W, W.M.; 1674 FEET NORTH AND 1451 FEET EAST FROM THE NW CORNER OF SECTION 32, T 27 S, R 14 W, W.M..

WELL L34018 - NW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 29, T 27 S, R 14 W, W.M.; 2515 FEET NORTH AND 1169 FEET EAST FROM THE NW CORNER OF SECTION 32, T 27 S, R 14 W, W.M..

WELL L34008 - NW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 29, T 27 S, R 14 W, W.M.; 1354 FEET NORTH AND 646 FEET EAST FROM THE NW CORNER OF SECTION 32, T 27 S, R 14 W, W.M..

WELL L34007 - SW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 29, T 27 S, R 14 W, W.M.; 325 FEET NORTH AND 638 FEET EAST FROM THE NW CORNER OF SECTION 32, T 27 S, R 14 W, W.M..

WELL PW6 - NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 32, T 27 S, R 14 W, W.M.; 733 FEET SOUTH AND 1130 FEET EAST FROM THE NW CORNER OF SECTION 32.

WELL L44790 - NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 5, T 28 S, R 14 W, W.M.; 432 FEET SOUTH AND 254 FEET WEST FROM THE W 1/16 CORNER BETWEEN SECTIONS 5 AND 32.

Water Right Permit G-13498 contains a well construction condition that limits all ground water withdrawals, with the exception of the Schuman Well, to ground water deeper than 80 feet below land surface. The intent of this permit condition was to prevent the withdrawal of shallow ground water that could interfere with stream flow in Cut Creek.

Two of the proposed additional wells, L34018 and L34030, are sealed to depths of 18 and 40 feet below land surface, respectively. The Ground Water Section has found that these wells, because of their distance from Cut Creek, would not have

any potential for interference with the creek.

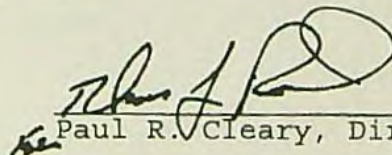
THESE CHANGES TO AN EXISTING WATER PERMIT MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The quantity of water diverted at the new points of appropriation (wells), together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
2. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.
3. Water shall be acquired from the same aquifer as the original points of appropriation.
4. The former place of use shall no longer be irrigated as a part of this water right.
5. All other terms and conditions of the permit remain the same.

Permit G-13498, in the name of BANDON DUNES LIMITED PARTNERSHIP is amended as described herein.

WITNESS the signature of the Water Resources

Director, affixed AUG 27 2002


Paul R. Cleary, Director

STATE OF OREGON

COUNTY OF COOS

ORDER APPROVING A CHANGE IN PLACE OF USE

Pursuant to ORS 537.211, after notice was given and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, PERMIT AMENDMENT T-9647 submitted by

BANDON DUNES LIMITED PARTNERSHIP C/O HOWARD MCKEE
2130 LINCOLN PARK WEST
CHICAGO, ILLINOIS 60614.

The permit to be modified is Permit G-13498 with a date of priority of DECEMBER 17, 1993. The permit allows the use of TWELVE WELLS, in the CUT CREEK BASIN, for COMMERCIAL USE, DOMESTIC USE SERVING 500 HOUSEHOLDS, AND IRRIGATION AND OUT-OF-SEASON IRRIGATION OF A TOTAL OF 500.0 ACRES. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 3.55 CUBIC FEET PER SECOND(CFS), BEING 0.46 CFS FOR DOMESTIC USE FOR 500 HOUSEHOLDS AND COMMERCIAL USE, AND 3.09 CFS FOR IRRIGATION, if available at the authorized wells:

PW5 - NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 32, T 27 S, R 14 W, W.M.;
27 FEET NORTH AND 382 FEET WEST FROM THE NW $\frac{1}{16}$ CORNER OF SECTION 32.

PW4 - SW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 32, T 27 S, R 14 W, W.M.;
377 FEET NORTH AND 173 FEET EAST FROM THE W $\frac{1}{4}$ CORNER OF SECTION 32.

This is an order in other than a 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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

T-9647.PKS

Page 1 of 7 Special Order Volume 59, Page 435.

WELL 1 - NW¼ NW¼, SECTION 5, T 28 S, R 14 W, W.M.;
641 FEET SOUTH AND 69 FEET WEST FROM THE W 1/16 CORNER BETWEEN
SECTIONS 5 AND 32.

WELL 2 - NW¼ NW¼, SECTION 5, T 28 S, R 14 W, W.M.;
632 FEET SOUTH AND 254 FEET WEST FROM THE W 1/16 CORNER BETWEEN
SECTIONS 5 AND 32.

WELL 3 - SW¼ NW¼, SECTION 5, T 28 S, R 14 W, W.M.;
61 FEET SOUTH AND 303 FEET WEST FROM THE NW 1/16 CORNER OF
SECTION 5.

NEW SCHUMAN WELL - NW¼ SE¼, SECTION 29, T 27 S, R 14 W,
W.M.; 1549 FEET NORTH AND 2756 FEET EAST FROM THE NW CORNER OF
SECTION 32, T 27 S, R 14 W, W.M..

WELL L34030 - NE¼ SW¼, SECTION 29, T 27 S, R 14 W,
W.M.; 1674 FEET NORTH AND 1451 FEET EAST FROM THE NW CORNER OF
SECTION 32, T 27 S, R 14 W, W.M..

WELL L34018 - NW¼ SW¼, SECTION 29, T 27 S, R 14 W,
W.M.; 2515 FEET NORTH AND 1169 FEET EAST FROM THE NW CORNER OF
SECTION 32, T 27 S, R 14 W, W.M..

WELL L34008 - NW¼ SW¼, SECTION 29, T 27 S, R 14 W,
W.M.; 1354 FEET NORTH AND 646 FEET EAST FROM THE NW CORNER OF
SECTION 32, T 27 S, R 14 W, W.M..

WELL L34007 - SW¼ SW¼, SECTION 29, T 27 S, R 14 W,
W.M.; 325 FEET NORTH AND 638 FEET EAST FROM THE NW CORNER OF
SECTION 32, T 27 S, R 14 W, W.M..

WELL PW6 - NW¼ NW¼, SECTION 32, T 27 S, R 14 W, W.M.;
733 FEET SOUTH AND 1130 FEET EAST FROM THE NW CORNER OF SECTION
32.

WELL L44790 - NW¼ NW¼, SECTION 5, T 28 S, R 14 W, W.M.;
432 FEET SOUTH AND 254 FEET WEST FROM THE W 1/16 CORNER BETWEEN
SECTIONS 5 AND 32.

, or its equivalent in case of rotation, measured at the well.

The amount of water used for irrigation, together with the amount secured under any other right existing on the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2½ acre-feet per acre for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out of season irrigation. The total amount diverted shall not exceed 2½ acre-feet for each acre irrigated each year.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is as follows:

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NE¼ SW¼	8.40 ACRES		
SW¼ SW¼	15.00 ACRES		
SE¼ SW¼	38.20 ACRES		
SECTION 20			
NE¼ NW¼	40.00 ACRES		
NW¼ NW¼	38.80 ACRES		
SW¼ NW¼	40.00 ACRES		
SE¼ NW¼	40.00 ACRES		
NE¼ SW¼	28.60 ACRES		
NW¼ SW¼	40.00 ACRES		
SW¼ SW¼	40.00 ACRES		
SE¼ SW¼	33.80 ACRES		
SW¼ SE¼	27.80 ACRES		X
SECTION 29			
NE¼ NE¼	2.50 ACRES		
SE¼ NE¼	7.90 ACRES		
NE¼ SE¼	12.00 ACRES		
SE¼ SE¼	18.00 ACRES		
SECTION 30			
NE¼ NE¼	27.10 ACRES		
SE¼ NE¼	33.60 ACRES		
NE¼ SE¼	45.80 ACRES		
SE¼ SE¼	12.50 ACRES		
SECTION 31			

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NW¼ NE¼	40.00 ACRES		
NE¼ NW¼	34.80 ACRES		X
NW¼ NW¼	40.00 ACRES		
SW¼ NW¼	40.00 ACRES		
SE¼ NW¼	21.50 ACRES		X
NE¼ SW¼	22.30 ACRES		X
NW¼ SW¼	36.80 ACRES		X
SW¼ SW¼			X
SE¼ SW¼	12.50 ACRES		X
NW¼ SE¼	0.50 ACRE		X
SW¼ SE¼	36.10 ACRES		

SECTION 32

TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.

NE¼ NE¼	29.40 ACRES	
NW¼ NE¼	28.11 ACRES	0.29 ACRE
SW¼ NE¼	39.85 ACRES	0.15 ACRE
SE¼ NE¼	35.42 ACRES	0.38 ACRE
NE¼ NW¼	9.30 ACRES	
SE¼ NW¼	13.60 ACRES	
NE¼ SW¼	6.20 ACRES	
NE¼ SE¼	9.30 ACRES	
NW¼ SE¼	18.00 ACRES	

SECTION 5

NW¼ NE¼	X
NE¼ NW¼	X

SECTION 8

TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.

"*" Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the place of use above.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

The applicant proposes to change the place of use to:

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NE¼ SW¼	8.40 ACRES		
SW¼ SW¼	15.00 ACRES		
SE¼ SW¼	38.20 ACRES		
SECTION 20			
NE¼ NW¼	40.00 ACRES		
NW¼ NW¼	38.80 ACRES		
SW¼ NW¼	40.00 ACRES		
SE¼ NW¼	40.00 ACRES		
NE¼ SW¼	28.60 ACRES		
NW¼ SW¼	40.00 ACRES		
SW¼ SW¼	40.00 ACRES		
SE¼ SW¼	33.80 ACRES		X
SW¼ SE¼	27.80 ACRES		
SECTION 29			
NE¼ NE¼	2.50 ACRES		
SE¼ NE¼	7.90 ACRES		
NE¼ SE¼	12.00 ACRES		
SE¼ SE¼	18.00 ACRES		
SECTION 30			
NE¼ NE¼	27.10 ACRES		
SE¼ NE¼	33.60 ACRES		
NE¼ SE¼	45.80 ACRES		
SE¼ SE¼	12.50 ACRES		
SECTION 31			

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NW¼ NE¼	40.00 ACRES		
NE¼ NW¼	34.80 ACRES		X
NW¼ NW¼	40.00 ACRES		
SW¼ NW¼	40.00 ACRES		
SE¼ NW¼	21.50 ACRES		X
NE¼ SW¼	22.30 ACRES		X
NW¼ SW¼	36.80 ACRES		X
•SW¼ SW¼	21.50 ACRES		X
•SE¼ SW¼	18.75 ACRES		X
NW¼ SE¼	0.50 ACRE		X
•SW¼ SE¼	32.67 ACRES		
•SE¼ SE¼	10.00 ACRES		

SECTION 32

TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.

•NE¼ NE¼	4.40 ACRES	
•NW¼ NE¼	20.46 ACRES	0.29 ACRE
•SW¼ NE¼	17.00 ACRES	0.15 ACRE
•SE¼ NE¼		0.38 ACRE
•NE¼ NW¼	30.00 ACRES	
•NW¼ NW¼	22.00 ACRES	
•SW¼ NW¼	9.00 ACRES	
•SE¼ NW¼	31.00 ACRES	
•NE¼ SW¼	17.00 ACRES	
•NW¼ SW¼	2.00 ACRES	
•SE¼ SW¼	2.00 ACRES	

SECTION 5

NW¼ NE¼	X
NE¼ NW¼	X

SECTION 8

TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.

"*" Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the place of use above.

"•" Place of use involved in the change.

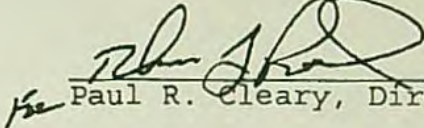
THIS CHANGE TO AN EXISTING WATER PERMIT MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The former place of use shall no longer be irrigated as a part of this water right.
2. All other terms and conditions of the permit remain the same.

Permit G-13498, in the name of BANDON DUNES LIMITED PARTNERSHIP is amended as described herein.

WITNESS the signature of the Water Resources

Director, affixed MAR 26 2004.


Paul R. Cleary, Director

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-9782, Coos County	)	APPROVING ADDITIONAL POINTS
	)	OF APPROPRIATION

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
c/o Howard McKee
2130 Lincoln Park West
Chicago, Illinois 60614

Findings of Fact

1. On September 15, 2004, Bandon Dunes Limited Partnership filed an application for additional points of appropriation under Permit G-13498. The Department assigned the application number T-9782.
2. On August 2, 2006, the agent representing the applicant withdrew two of the proposed additional points of appropriation (Wells L66586 and L66587) from the permit amendment application.
3. The permit to be amended is as follows:

Permit:	G-13498, in the name of Bandon Dunes Limited Partnership (as previously amended by T-8861, Special Order Vol. 56, Page 907 and T-9647, Special Order Vol. 59, Page 435)
Use:	Commercial use, domestic use serving 500 households, and irrigation and out-of-season irrigation of a total of 500.0 acres
Priority Date:	December 17, 1993
Quantity:	3.55 cubic feet per second (cfs); being 0.46 cfs for domestic use for 500 households and commercial use, and 3.09 cfs for irrigation.
Rate/Duty:	The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its

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 137-004-080 and OAR 690-01-005 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.

equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year

Acres: 500 acres
Source: Twelve Wells, in the Cut Creek Basin
Date Of Complete Application of Water: October 1, 2022

Authorized Points of Appropriation:

Township	Range	Meridian	Sec	¼ ¼	Location
27	S 14 W	W.M.	29	NE SW	Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S 14 W	W.M.	29	NW SW	Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S 14 W	W.M.	29	NW SW	Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S 14 W	W.M.	29	SW SW	Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S 14 W	W.M.	29	NW SE	New Schuman Well – 1549 feet North and 2756 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S 14 W	W.M.	32	NW NW	PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S 14 W	W.M.	32	NW NW	PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S 14 W	W.M.	32	SW NW	PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S 14 W	W.M.	5	NW NW	Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S 14 W	W.M.	5	NW NW	Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S 14 W	W.M.	5	NW NW	Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S 14 W	W.M.	5	SW NW	Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.

Authorized Place of Use:

IRRIGATION							
Township	Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	20	NE SW	8.40
27	S	14	W	W.M.	20	SW SW	15.00
27	S	14	W	W.M.	20	SE SW	38.20
27	S	14	W	W.M.	29	NE NW	40.00
27	S	14	W	W.M.	29	NW NW	38.80
27	S	14	W	W.M.	29	SW NW	40.00
27	S	14	W	W.M.	29	SE NW	40.00
27	S	14	W	W.M.	29	NE SW	28.60
27	S	14	W	W.M.	29	NW SW	40.00
27	S	14	W	W.M.	29	SW SW	40.00
27	S	14	W	W.M.	29	SE SW	33.80
27	S	14	W	W.M.	29	SW SE	27.80
27	S	14	W	W.M.	30	NE NE	2.50
27	S	14	W	W.M.	30	SE NE	7.90
27	S	14	W	W.M.	30	NE SE	12.00
27	S	14	W	W.M.	30	SE SE	18.00
27	S	14	W	W.M.	31	NE NE	27.10
27	S	14	W	W.M.	31	SE NE	33.60
27	S	14	W	W.M.	31	NE SE	45.80
27	S	14	W	W.M.	31	SE SE	12.50
27	S	14	W	W.M.	32	NW NE	40.00
27	S	14	W	W.M.	32	NE NW	34.80
27	S	14	W	W.M.	32	NW NW	40.00
27	S	14	W	W.M.	32	SW NW	40.00
27	S	14	W	W.M.	32	SE NW	21.50
27	S	14	W	W.M.	32	NE SW	22.30
27	S	14	W	W.M.	32	NW SW	36.80
27	S	14	W	W.M.	32	SW SW	21.50
27	S	14	W	W.M.	32	SE SW	18.75
27	S	14	W	W.M.	32	NW SE	0.50
27	S	14	W	W.M.	32	SW SE	32.67
27	S	14	W	W.M.	32	SE SE	10.00
28	S	14	W	W.M.	5	NE NE	4.40
28	S	14	W	W.M.	5	NW NE	20.46
28	S	14	W	W.M.	5	SW NE	17.00

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
28	S	14	W	W.M.	5	NE NW	30.00
28	S	14	W	W.M.	5	NW NW	22.00
28	S	14	W	W.M.	5	SW NW	9.00
28	S	14	W	W.M.	5	SE NW	31.00
28	S	14	W	W.M.	5	NE SW	17.00
28	S	14	W	W.M.	5	NW SW	2.00
28	S	14	W	W.M.	5	SE SW	2.00

SUPPLEMENTAL IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
28	S	14	W	W.M.	5	NW NE	0.29
28	S	14	W	W.M.	5	SW NE	0.15
28	S	14	W	W.M.	5	SE NE	0.38

COMMERCIAL							
Township		Range		Meridian	Sec	¼ ¼	
27	S	14	W	W.M.	29	SE SW	
27	S	14	W	W.M.	32	NE NW	
27	S	14	W	W.M.	32	SE NW	
27	S	14	W	W.M.	32	NE SW	
27	S	14	W	W.M.	32	NW SW	
27	S	14	W	W.M.	32	SW SW	
27	S	14	W	W.M.	32	SE SW	
27	S	14	W	W.M.	32	NW SE	
28	S	14	W	W.M.	8	NW NE	
28	S	14	W	W.M.	8	NE NW	

4. Application T-9782 proposes additional points of appropriation located:

Township		Range		Meridian	Sec	¼ ¼		Location
28	S	14	W	W.M.	5	NW	SW	Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5	SW	SW	Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

5. Use of water for irrigation under this permit is limited to a development of a maximum of 500.00 acres of the potential 1024.5 acres identified in the description of the place of use above.
6. Notice of the application for the permit amendment was published in the Department's weekly notice on October 12, 2004, and in the Bandon Western World Newspaper on August 31, September 7, and September 14, 2006, pursuant to ORS 540.520(5). No comments were filed in response to the notices.
7. The change would not result in injury to other water rights.
8. The change does not enlarge the permit.
9. The change does alter other terms of the permit.

Conclusions of Law

The additional points of appropriation proposed by Permit Amendment Application T-9782 are consistent with the requirements of ORS 537.211.

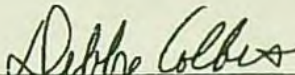
Now, therefore, it is ORDERED:

1. The combined quantity of water diverted at the new points of appropriation (wells), together with that diverted at the old points of appropriation, shall not exceed the maximum rate and duty allowed under Permit G-13498.
2. Prior to water use from the proposed point of appropriation, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, and shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

3. Water shall be acquired from the same aquifer as the original points of appropriation.
4. All other terms and conditions of Permit G-13498 remain the same.
5. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

Dated at Salem, Oregon this 27th day of September, 2006.



Phillip C. Ward, *per*
Director

Mailing Date: OCT 09 2006

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-10476, Coos County	)	APPROVING A CHANGE IN PLACE
	)	OF USE AND ADDITIONAL POINTS
	)	OF APPROPRIATION

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
2130 Lincoln Park North
Chicago, Illinois 60614

Findings of Fact

1. On October 19, 2007, Bandon Dunes Limited Partnership filed an application for a change in place of use and additional points of appropriation under Permit G-13498. The Department assigned the application number T-10476.
2. On April 10, 2008, the application was amended to change the location of proposed well 2007B within the SW¼ SW¼, Section 5, T 28 S, R 14 W, W.M.

3. The permit to be amended is as follows:

Permit:	G-13498, in the name of Bandon Dunes Limited Partnership (as previously amended by T-8861, Special Order Vol. 56, Page 907; T-9647, Special Order Vol. 59, Page 435; T-9782, Special Order Vol. 70, Page 285)
Use:	Commercial use, domestic use serving 500 households, and irrigation and out-of-season irrigation of a total of 500.0 acres
Priority Date:	December 17, 1993
Quantity:	3.55 cubic feet per second (cfs); being 0.46 cfs for domestic use for 500 households and commercial use, and 3.09 cfs for irrigation.

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 137-004-080 and OAR 690-01-005 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.

Rate/Duty: The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year

Acres: 500 acres

Source: Fourteen Wells, in the Cut Creek Basin

Date of complete application of water: October 1, 2022

Authorized Points of Appropriation:

Township	Range	Meridian	Sec	¼ ¼	Location
27	S	14	W	W.M.	29 NE SW Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 SW SW Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SE New Schuman Well – 1549 feet North and 2756 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	32 NW NW PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S	14	W	W.M.	32 NW NW PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S	14	W	W.M.	32 SW NW PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S	14	W	W.M.	5 NW NW Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 SW NW Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28	S	14	W	W.M.	5 NW SW Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

Authorized Place of Use:

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	20	NE	SW	8.40
27	S	14	W	W.M.	20	SW	SW	15.00
27	S	14	W	W.M.	20	SE	SW	38.20
27	S	14	W	W.M.	29	NE	NW	40.00
27	S	14	W	W.M.	29	NW	NW	38.80
27	S	14	W	W.M.	29	SW	NW	40.00
27	S	14	W	W.M.	29	SE	NW	40.00
27	S	14	W	W.M.	29	NE	SW	28.60
27	S	14	W	W.M.	29	NW	SW	40.00
27	S	14	W	W.M.	29	SW	SW	40.00
27	S	14	W	W.M.	29	SE	SW	33.80
27	S	14	W	W.M.	29	SW	SE	27.80
27	S	14	W	W.M.	30	NE	NE	2.50
27	S	14	W	W.M.	30	SE	NE	7.90
27	S	14	W	W.M.	30	NE	SE	12.00
27	S	14	W	W.M.	30	SE	SE	18.00
27	S	14	W	W.M.	31	NE	NE	27.10
27	S	14	W	W.M.	31	SE	NE	33.60
27	S	14	W	W.M.	31	NE	SE	45.80
27	S	14	W	W.M.	31	SE	SE	12.50
27	S	14	W	W.M.	32	NW	NE	40.00
27	S	14	W	W.M.	32	NE	NW	34.80
27	S	14	W	W.M.	32	NW	NW	40.00
27	S	14	W	W.M.	32	SW	NW	40.00
27	S	14	W	W.M.	32	SE	NW	21.50
27	S	14	W	W.M.	32	NE	SW	22.30
27	S	14	W	W.M.	32	NW	SW	36.80
27	S	14	W	W.M.	32	SW	SW	21.50
27	S	14	W	W.M.	32	SE	SW	18.75
27	S	14	W	W.M.	32	NW	SE	0.50
27	S	14	W	W.M.	32	SW	SE	32.67
27	S	14	W	W.M.	32	SE	SE	10.00
28	S	14	W	W.M.	5	NE	NE	4.40
28	S	14	W	W.M.	5	NW	NE	20.46
28	S	14	W	W.M.	5	SW	NE	17.00
28	S	14	W	W.M.	5	NE	NW	30.00

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
28	S	14	W	W.M.	5	NW NW	22.00
28	S	14	W	W.M.	5	SW NW	9.00
28	S	14	W	W.M.	5	SE NW	31.00
28	S	14	W	W.M.	5	NE SW	17.00
28	S	14	W	W.M.	5	NW SW	2.00
28	S	14	W	W.M.	5	SE SW	2.00

SUPPLEMENTAL IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
28	S	14	W	W.M.	5	NW NE	0.29
28	S	14	W	W.M.	5	SW NE	0.15
28	S	14	W	W.M.	5	SE NE	0.38

COMMERCIAL							
Township		Range		Meridian	Sec	¼ ¼	
27	S	14	W	W.M.	29	SE SW	
27	S	14	W	W.M.	32	NE NW	
27	S	14	W	W.M.	32	SE NW	
27	S	14	W	W.M.	32	NE SW	
27	S	14	W	W.M.	32	NW SW	
27	S	14	W	W.M.	32	SW SW	
27	S	14	W	W.M.	32	SE SW	
27	S	14	W	W.M.	32	NW SE	
28	S	14	W	W.M.	8	NW NE	
28	S	14	W	W.M.	8	NE NW	

4. Application T-10476 proposes to change the place of use of the permit to:

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
27	S	14	W	W.M.	20	SE SW	13.20
27	S	14	W	W.M.	20	SW SE	4.72
27	S	14	W	W.M.	29	NW NE	19.97
27	S	14	W	W.M.	29	SW NE	28.00
27	S	14	W	W.M.	29	NE NW	40.00
27	S	14	W	W.M.	29	NW NW	22.40
27	S	14	W	W.M.	29	SW NW	40.00
27	S	14	W	W.M.	29	SE NW	33.90

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	29	NE	SW	20.40
27	S	14	W	W.M.	29	NW	SW	40.00
27	S	14	W	W.M.	29	SW	SW	40.00
27	S	14	W	W.M.	29	SE	SW	31.30
27	S	14	W	W.M.	29	SW	SE	36.70
27	S	14	W	W.M.	30	NE	NE	2.50
27	S	14	W	W.M.	30	SE	NE	8.35
27	S	14	W	W.M.	30	NE	SE	13.10
27	S	14	W	W.M.	30	SE	SE	18.00
27	S	14	W	W.M.	31	NE	NE	27.10
27	S	14	W	W.M.	31	SE	NE	34.10
27	S	14	W	W.M.	31	NE	SE	49.20
27	S	14	W	W.M.	31	NW	SE	0.40
27	S	14	W	W.M.	31	SW	SE	0.40
27	S	14	W	W.M.	31	SE	SE	17.60
27	S	14	W	W.M.	32	NW	NE	40.00
27	S	14	W	W.M.	32	NE	NW	34.80
27	S	14	W	W.M.	32	NW	NW	40.00
27	S	14	W	W.M.	32	SW	NW	40.00
27	S	14	W	W.M.	32	SE	NW	21.50
27	S	14	W	W.M.	32	NE	SW	22.30
27	S	14	W	W.M.	32	NW	SW	36.80
27	S	14	W	W.M.	32	SW	SW	23.70
27	S	14	W	W.M.	32	SE	SW	19.05
27	S	14	W	W.M.	32	NW	SE	0.50
27	S	14	W	W.M.	32	SW	SE	32.67
27	S	14	W	W.M.	32	SE	SE	5.20
28	S	14	W	W.M.	5	NE	NE	8.45
28	S	14	W	W.M.	5	NW	NE	23.46
28	S	14	W	W.M.	5	SW	NE	17.00
28	S	14	W	W.M.	5	NE	NW	30.00
28	S	14	W	W.M.	5	NW	NW	22.00
28	S	14	W	W.M.	5	SW	NW	9.25
28	S	14	W	W.M.	5	SE	NW	33.10
28	S	14	W	W.M.	5	NE	SW	17.56
28	S	14	W	W.M.	5	NW	SW	3.00
28	S	14	W	W.M.	5	SE	SW	2.00

SUPPLEMENTAL IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	0.29
28	S	14	W	W.M.	5	SW	NE	0.15
28	S	14	W	W.M.	5	SE	NE	0.38

COMMERCIAL								
Township		Range		Meridian	Sec	¼ ¼		
27	S	14	W	W.M.	29	SE	SW	
27	S	14	W	W.M.	32	NE	NW	
27	S	14	W	W.M.	32	SE	NW	
27	S	14	W	W.M.	32	NE	SW	
27	S	14	W	W.M.	32	NW	SW	
27	S	14	W	W.M.	32	SW	SW	
27	S	14	W	W.M.	32	SE	SW	
27	S	14	W	W.M.	32	NW	SE	
28	S	14	W	W.M.	8	NW	NE	
28	S	14	W	W.M.	8	NE	NW	

The changed place of use is in bold type.

5. Application T-10476 proposes two additional points of appropriation located:

Township		Range		Meridian	Sec	¼ ¼	Location
28	S	14	W	W.M.	5	SW NW	Well 2007A – 95 feet North and 715 feet East from the W¼ Corner of Section 5.
28	S	14	W	W.M.	5	SW SW	Well 2007B – Latitude: 43° 10' 07.0" North, Longitude: 124° 23' 32.3" West

6. Use of water for irrigation under this permit is limited to a development of a maximum of 500.00 acres of the potential 1024.5 acres identified in the description of the place of use above.
7. Notice of the application for the permit amendment was published in the Department's weekly notice on October 30, 2007, and in The World newspaper on January 24, 31, and February 7, 2008, pursuant to ORS 540.520(5). No comments were filed in response to the notices.
8. The change would not result in injury to other water rights.
9. The proposed place of use is owned and/or controlled by the permit holder.

10. The change does not enlarge the permit.
11. The change does not alter any other terms of the permit.
12. The proposed place of use is contiguous to the authorized place of use.

Conclusions of Law

The change in place of use and additional points of appropriation proposed by Permit Amendment Application T-10476 are consistent with the requirements of ORS 537.211.

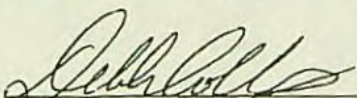
Now, therefore, it is ORDERED:

1. The combined quantity of water diverted at the new points of appropriation (wells), together with that diverted at the old points of appropriation, shall not exceed the maximum rate and duty allowed under Permit G-13498.
2. Prior to water use from the proposed point of appropriation, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, and shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

3. Water shall be acquired from the same aquifer as the original points of appropriation.
4. The former place of use shall no longer be irrigated as part of this water right.
5. All other terms and conditions of Permit G-13498 remain the same.
6. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

Dated at Salem, Oregon this 14th day of April, 2008.


Phillip C. Ward,
Director

Mailing Date: APR 25 2008

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-10719, Coos County	)	APPROVING A CHANGE IN PLACE
	)	OF USE AND A CHANGE IN POINT
	)	OF APPROPRIATION

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
2130 Lincoln Park North
Chicago, IL 60614

Findings of Fact

Background

1. On October 28, 2008, Bandon Dunes Limited Partnership filed an application to change the place of use and to replace the New Schuman Well with Well L91192 under Permit G-13498. The Department assigned the application number T-10719.
2. On February 6, 2008, the applicant's agent, Ron Blegen of Golder Associates Inc., requested that Well 2007A be withdrawn from Permit G-13498.

3. The permit to be amended is as follows:

Permit:	G-13498 in the name of Bandon Dunes Limited Partnership
Use:	Commercial use, domestic use serving 500.0 households, and irrigation and out-of-season irrigation of a total of 500.0 acres
Priority Date:	December 17, 1993
Quantity:	3.55 cubic feet per second (cfs), being 0.46 cfs for domestic use for 500 households and commercial use and 3.09 for irrigation.
Rate/Duty:	The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for

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 137-004-080 and OAR 690-01-005 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.

out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year

Period of Use: March 1 through October 31 for irrigation use; November 1 through the month of February for out-of-season irrigation; year round for commercial use and domestic use for 500 households

Source: 16 wells, in the Cut Creek Basin

Authorized Points of Appropriation:

Township	Range	Meridian	Sec	¼ ¼	Measured Distances
27	S	14	W	W.M.	29 NE SW Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 SW SW Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SE New Schuman Well – 1549 feet North and 2756 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	32 NW NW PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S	14	W	W.M.	32 NW NW PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S	14	W	W.M.	32 SW NW PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S	14	W	W.M.	5 NW NW Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 SW NW Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28	S	14	W	W.M.	5 SW NW Well 2007A – 95 feet North and 715 feet East from the W¼ Corner of Section 5.
28	S	14	W	W.M.	5 NW SW Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well 2007B – Latitude: 43° 10' 07.0" North, Longitude: 124° 23' 32.3" West

Authorized Place of Use:

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
27	S	14	W	W.M.	20	SE SW	13.20
27	S	14	W	W.M.	20	SW SE	4.72
27	S	14	W	W.M.	29	NW NE	19.97
27	S	14	W	W.M.	29	SW NE	28.00
27	S	14	W	W.M.	29	NE NW	40.00
27	S	14	W	W.M.	29	NW NW	22.40
27	S	14	W	W.M.	29	SW NW	40.00
27	S	14	W	W.M.	29	SE NW	33.90
27	S	14	W	W.M.	29	NE SW	20.40
27	S	14	W	W.M.	29	NW SW	40.00
27	S	14	W	W.M.	29	SW SW	40.00
27	S	14	W	W.M.	29	SE SW	31.30
27	S	14	W	W.M.	29	SW SE	36.70
27	S	14	W	W.M.	30	NE NE	2.50
27	S	14	W	W.M.	30	SE NE	8.35
27	S	14	W	W.M.	30	NE SE	13.10
27	S	14	W	W.M.	30	SE SE	18.00
27	S	14	W	W.M.	31	NE NE	27.10
27	S	14	W	W.M.	31	SE NE	34.10
27	S	14	W	W.M.	31	NE SE	49.20
27	S	14	W	W.M.	31	NW SE	0.40
27	S	14	W	W.M.	31	SW SE	0.40
27	S	14	W	W.M.	31	SE SE	17.60
27	S	14	W	W.M.	32	NW NE	40.00
27	S	14	W	W.M.	32	NE NW	34.80
27	S	14	W	W.M.	32	NW NW	40.00
27	S	14	W	W.M.	32	SW NW	40.00
27	S	14	W	W.M.	32	SE NW	21.50
27	S	14	W	W.M.	32	NE SW	22.30
27	S	14	W	W.M.	32	NW SW	36.80
27	S	14	W	W.M.	32	SW SW	23.70
27	S	14	W	W.M.	32	SE SW	19.05
27	S	14	W	W.M.	32	NW SE	0.50
27	S	14	W	W.M.	32	SW SE	32.67
27	S	14	W	W.M.	32	SE SE	5.20
28	S	14	W	W.M.	5	NE NE	8.45

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	23.46
28	S	14	W	W.M.	5	SW	NE	17.00
28	S	14	W	W.M.	5	NE	NW	30.00
28	S	14	W	W.M.	5	NW	NW	22.00
28	S	14	W	W.M.	5	SW	NW	9.25
28	S	14	W	W.M.	5	SE	NW	33.10
28	S	14	W	W.M.	5	NE	SW	17.56
28	S	14	W	W.M.	5	NW	SW	3.00
28	S	14	W	W.M.	5	SE	SW	2.00

SUPPLEMENTAL IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	0.29
28	S	14	W	W.M.	5	SW	NE	0.15
28	S	14	W	W.M.	5	SE	NE	0.38

COMMERCIAL								
Township		Range		Meridian	Sec	¼ ¼		
27	S	14	W	W.M.	29	SE	SW	
27	S	14	W	W.M.	32	NE	NW	
27	S	14	W	W.M.	32	SE	NW	
27	S	14	W	W.M.	32	NE	SW	
27	S	14	W	W.M.	32	NW	SW	
27	S	14	W	W.M.	32	SW	SW	
27	S	14	W	W.M.	32	SE	SW	
27	S	14	W	W.M.	32	NW	SE	
28	S	14	W	W.M.	8	NW	NE	
28	S	14	W	W.M.	8	NE	NW	

4. Permit Amendment Application T-10719 proposes to change the place of use of the permit to:

IRRIGATION							
Township	Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	20	NE SW	6.10
27	S	14	W	W.M.	20	SW SW	10.80
27	S	14	W	W.M.	20	SE SW	17.60
27	S	14	W	W.M.	20	NW SE	1.00
27	S	14	W	W.M.	20	SW SE	8.30
27	S	14	W	W.M.	29	NW NW	13.66
27	S	14	W	W.M.	29	SW NW	18.90
27	S	14	W	W.M.	29	SE NW	6.10
27	S	14	W	W.M.	29	NE SW	18.40
27	S	14	W	W.M.	29	NW SW	33.40
27	S	14	W	W.M.	29	SW SW	40.00
27	S	14	W	W.M.	29	SE SW	31.30
27	S	14	W	W.M.	29	NW SE	40.00
27	S	14	W	W.M.	29	SW SE	4.30
27	S	14	W	W.M.	30	NE NE	2.50
27	S	14	W	W.M.	30	SE NE	8.35
27	S	14	W	W.M.	30	NE SE	13.10
27	S	14	W	W.M.	30	SE SE	18.00
27	S	14	W	W.M.	31	NE NE	27.10
27	S	14	W	W.M.	31	SE NE	34.10
27	S	14	W	W.M.	31	NE SE	49.20
27	S	14	W	W.M.	31	NW SE	0.40
27	S	14	W	W.M.	31	SW SE	0.40
27	S	14	W	W.M.	31	SE SE	17.60
27	S	14	W	W.M.	32	NW NE	40.00
27	S	14	W	W.M.	32	NE NW	34.80
27	S	14	W	W.M.	32	NW NW	40.00
27	S	14	W	W.M.	32	SW NW	40.00
27	S	14	W	W.M.	32	SE NW	21.50
27	S	14	W	W.M.	32	NE SW	22.30
27	S	14	W	W.M.	32	NW SW	36.80
27	S	14	W	W.M.	32	SW SW	23.70
27	S	14	W	W.M.	32	SE SW	19.05
27	S	14	W	W.M.	32	NW SE	0.50
27	S	14	W	W.M.	32	SW SE	32.67

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
27	S	14	W	W.M.	32	SE SE	5.20
28	S	14	W	W.M.	5	NE NE	40.00
28	S	14	W	W.M.	5	NW NE	40.00
28	S	14	W	W.M.	5	SW NE	20.50
28	S	14	W	W.M.	5	NE NW	30.00
28	S	14	W	W.M.	5	NW NW	22.00
28	S	14	W	W.M.	5	SW NW	1.50
28	S	14	W	W.M.	5	SE NW	33.10
28	S	14	W	W.M.	5	NE SW	17.56
28	S	14	W	W.M.	5	NW SW	6.60
28	S	14	W	W.M.	5	SW SW	2.00
28	S	14	W	W.M.	5	SE SW	1.40

SUPPLEMENTAL IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
28	S	14	W	W.M.	5	NW NE	0.29
28	S	14	W	W.M.	5	SW NE	0.15
28	S	14	W	W.M.	5	SE NE	0.38

COMMERCIAL							
Township		Range		Meridian	Sec	¼ ¼	
27	S	14	W	W.M.	29	SE SW	
27	S	14	W	W.M.	32	NE NW	
27	S	14	W	W.M.	32	SE NW	
27	S	14	W	W.M.	32	NE SW	
27	S	14	W	W.M.	32	NW SW	
27	S	14	W	W.M.	32	SW SW	
27	S	14	W	W.M.	32	SE SW	
27	S	14	W	W.M.	32	NW SE	
28	S	14	W	W.M.	8	NW NE	
28	S	14	W	W.M.	8	NE NW	

The change place of use is in bold type.

5. The permittee has requested to remove Wells 2007A, 2007B, and the New Schuman Well (COOS 330) from Permit G-13498. Well L91192, located approximately 5 feet away from the New Schuman Well, will replace the New Schuman Well. The revised authorized points of appropriation are as follows:

Township		Range		Meridian	Sec	¼ ¼		Measured Distances
27	S	14	W	W.M.	29	NE	SW	Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29	NW	SW	Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29	NW	SW	Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29	SW	SW	Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29	NW	SE	Well L91192 – Latitude: 43°12'03" North, Longitude: 124°23'09" West
27	S	14	W	W.M.	32	NW	NW	PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S	14	W	W.M.	32	NW	NW	PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S	14	W	W.M.	32	SW	NW	PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S	14	W	W.M.	5	NW	NW	Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5	NW	NW	Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5	NW	NW	Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5	SW	NW	Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28	S	14	W	W.M.	5	NW	SW	Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5	SW	SW	Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

6. Notice of the application for the permit amendment was published in the Department's weekly notice on December 2, 2008 pursuant to ORS 540.520(5). No comments were filed in response to the notice.

Permit Amendment Review Criteria

7. The changes would not result in injury to other water rights.

8. The proposed place of use is owned and/or controlled by the permit holder.
9. The changes do not enlarge the permit.
10. The changes do not alter any other terms of the permit.
11. The proposed place of use is contiguous to the authorized place of use.

Conclusions of Law

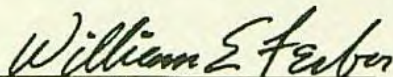
The change in place of use proposed by Permit Amendment Application T-10719 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

The change and subsequent use of water shall be subject to the following conditions:

1. The former place of use shall no longer be irrigated as part of this permit.
2. The quantity of water diverted at the new point of appropriation (Well L91192) shall not exceed the quantity of water lawfully available at the original point of appropriation (New Schuman Well (COOS 330)).
3. Water shall be acquired from the same aquifer as the original point of appropriation (New Schuman Well (COOS 330)).
4. All other terms and conditions of Permit G-13498 remain the same.
5. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

Dated at Salem, Oregon this 21st day of January, 2009.



Phillip C. Ward,
Director

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Mailing Date: JAN 22 2010

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-11087, Coos County	)	APPROVING A CHANGE IN PLACE
	)	OF USE

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
C/O Donald J. Stastny
StastnyBrun Architects Inc.
1630 SW Morrison Suite 210
Portland OR 97205

Findings of Fact

Background

1. On June 8, 2010, Bandon Dunes Limited Partnership filed an application to change in place of use under Permit G-13498. The Department assigned the application number T-11087.

2. The permit to be amended is as follows:

Permit: G-13498, in the name of Bandon Dunes Limited Partnership (as previously amended by T-8861, Special Order Vol. 56, Page 907; T-9647, Special Order Vol. 59, Page 435; T-9782, Special Order Vol. 70, Page 285; T-10476, Special Order Vol. 74, Page 681; T-10719, Special Order Vol. 80, Page 59)

Use: Commercial use, domestic use serving 500 households, and irrigation and out-of-season irrigation of a total of 500.0 acres.

Priority Date: December 17, 1993

Quantity: 3.55 cubic feet per second (cfs); being 0.46 cfs for domestic use for 500 households and commercial use, and 3.09 cfs for irrigation.

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 137-004-080 and OAR 690-01-005 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.

Rate/Duty: The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year.

Period of Use: March 1 through October 31 for irrigation use; November 1 through the month of February for out-of-season irrigation; year round for commercial use and domestic use for 500 households

Sources: Fourteen wells within the Cut Creek Basin

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
27 S	14 W	WM	29	NE SW	Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SW	Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SW	Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	SW SW	Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SE	Well L91192 – Latitude: 43°12'03" North, Longitude: 124°23'09" West
27 S	14 W	WM	32	NW NW	PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27 S	14 W	WM	32	NW NW	PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27 S	14 W	WM	32	SW NW	PW4 – 377 feet North and 173 feet East from the W 1/4 Corner of Section 32.
28 S	14 W	WM	5	NW NW	Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	NW NW	Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	NW NW	Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	SW NW	Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28 S	14 W	WM	5	NW SW	Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28 S	14 W	WM	5	SW SW	Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

Authorized Place of Use:

COMMERCIAL				
Twp	Rng	Mer	Sec	Q-Q
27 S	14 W	WM	29	SE SW
27 S	14 W	WM	32	NE NW
27 S	14 W	WM	32	SE NW
27 S	14 W	WM	32	NE SW
27 S	14 W	WM	32	NW SW
27 S	14 W	WM	32	SW SW
27 S	14 W	WM	32	SE SW
27 S	14 W	WM	32	NW SE
28 S	14 W	WM	8	NW NE
28 S	14 W	WM	8	NE NW

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	20	NE SW	6.10
27 S	14 W	WM	20	SW SW	10.80
27 S	14 W	WM	20	SE SW	17.60
27 S	14 W	WM	20	NW SE	1.00
27 S	14 W	WM	20	SW SE	8.30
27 S	14 W	WM	29	NW NW	15.50
27 S	14 W	WM	29	SW NW	18.90
27 S	14 W	WM	29	SE NW	6.10
27 S	14 W	WM	29	NE SW	20.50
27 S	14 W	WM	29	NW SW	33.40
27 S	14 W	WM	29	SW SW	40.00
27 S	14 W	WM	29	SE SW	31.30
27 S	14 W	WM	29	NW SE	40.00
27 S	14 W	WM	29	SW SE	41.00
27 S	14 W	WM	30	NE NE	2.50
27 S	14 W	WM	30	SE NE	8.35
27 S	14 W	WM	30	NE SE	13.10
27 S	14 W	WM	30	SE SE	18.00
27 S	14 W	WM	31	NE NE	27.10
27 S	14 W	WM	31	SE NE	34.10
27 S	14 W	WM	31	NE SE	49.20
27 S	14 W	WM	31	NW SE	0.40
27 S	14 W	WM	31	SW SE	0.40
27 S	14 W	WM	31	SE SE	17.60
27 S	14 W	WM	32	NW NE	40.00
27 S	14 W	WM	32	NE NW	34.80
27 S	14 W	WM	32	NW NW	40.00
27 S	14 W	WM	32	SW NW	40.00
27 S	14 W	WM	32	SE NW	21.50
27 S	14 W	WM	32	NE SW	22.30
27 S	14 W	WM	32	NW SW	36.80
27 S	14 W	WM	32	SW SW	23.70
27 S	14 W	WM	32	SE SW	19.05
27 S	14 W	WM	32	NW SE	0.50
27 S	14 W	WM	32	SW SE	32.67

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	32	SE SE	5.20
28 S	14 W	WM	5	NE NE	40.00
28 S	14 W	WM	5	NW NE	40.00
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SW NE	37.50
28 S	14 W	WM	5	SE NE	0.38
28 S	14 W	WM	5	NE NW	30.00
28 S	14 W	WM	5	NW NW	22.00
28 S	14 W	WM	5	SW NW	10.75
28 S	14 W	WM	5	SE NW	33.10
28 S	14 W	WM	5	NE SW	17.56
28 S	14 W	WM	5	NW SW	9.60
28 S	14 W	WM	5	SW SW	2.00
28 S	14 W	WM	5	SE SW	3.40

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SE NE	0.38

3. Permit Amendment T-10719 mistakenly omitted acres in the description of the proposed irrigation acres. The description of the irrigation acres in Finding No. 4 contains the correct number of acres. The errors are described as follows:

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼	Acres as listed in T-10719 order	Correct Acres
27	S	14	W	W.M.	29	NW NW	13.66	15.50
27	S	14	W	W.M.	29	NE SW	18.40	20.50
27	S	14	W	W.M.	29	SW SE	4.30	41.00
28	S	14	W	W.M.	5	SW NE	20.50	37.50
28	S	14	W	W.M.	5	SW NW	1.50	10.75
28	S	14	W	W.M.	5	NW SW	6.60	9.60
28	S	14	W	W.M.	5	SE SW	1.40	3.40

4. Permit Amendment Application T-11087 proposes to change the place of use of the permit to:

COMMERCIAL USES				
Twp	Rng	Mer	Sec	Q-Q
27 S	14 W	WM	29	SE SW
27 S	14 W	WM	32	NE NW
27 S	14 W	WM	32	SE NW
27 S	14 W	WM	32	NE SW
27 S	14 W	WM	32	NW SW
27 S	14 W	WM	32	SW SW
27 S	14 W	WM	32	SE SW
27 S	14 W	WM	32	NW SE
28 S	14 W	WM	8	NW NE
28 S	14 W	WM	8	NE NW

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	29	NW NW	5.90
27 S	14 W	WM	29	SW NW	18.90
27 S	14 W	WM	29	NE SW	20.50
27 S	14 W	WM	29	NW SW	33.40
27 S	14 W	WM	29	SW SW	40.00
27 S	14 W	WM	29	SE SW	31.30
27 S	14 W	WM	29	NW SE	40.00
27 S	14 W	WM	29	SW SE	41.00
27 S	14 W	WM	30	NE NE	2.50
27 S	14 W	WM	30	SE NE	8.35
27 S	14 W	WM	30	NE SE	13.10
27 S	14 W	WM	30	SE SE	18.00
27 S	14 W	WM	31	NE NE	27.10
27 S	14 W	WM	31	SE NE	34.10
27 S	14 W	WM	31	NE SE	49.20
27 S	14 W	WM	31	NW SE	0.40
27 S	14 W	WM	31	SW SE	0.40
27 S	14 W	WM	31	SE SE	33.70
27 S	14 W	WM	32	NW NE	40.00
27 S	14 W	WM	32	NE NW	34.80
27 S	14 W	WM	32	NW NW	40.00
27 S	14 W	WM	32	SW NW	40.00
27 S	14 W	WM	32	SE NW	21.50
27 S	14 W	WM	32	NE SW	22.90
27 S	14 W	WM	32	NW SW	41.90
27 S	14 W	WM	32	SW SW	36.10
27 S	14 W	WM	32	SE SW	30.15
27 S	14 W	WM	32	NW SE	0.50
27 S	14 W	WM	32	SW SE	32.67
27 S	14 W	WM	32	SE SE	5.20
28 S	14 W	WM	5	NE NE	40.00
28 S	14 W	WM	5	NW NE	40.00
28 S	14 W	WM	5	SW NE	37.50
28 S	14 W	WM	5	NE NW	30.00

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NW	36.20
28 S	14 W	WM	5	SW NW	10.75
28 S	14 W	WM	5	SE NW	33.10
28 S	14 W	WM	5	NE SW	17.56
28 S	14 W	WM	5	NW SW	9.60
28 S	14 W	WM	5	SW SW	2.00
28 S	14 W	WM	5	SE SW	3.40

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SE NE	0.38

The changed place of use is in bold type.

5. Use of water for irrigation under this permit is limited to a development of a maximum of 500.00 acres of the potential 1024.5 acres identified in the description of the place of use above.
6. Notice of the application for the permit amendment was published in the Department's weekly notice on June 15, 2010 pursuant to ORS 540.520(5). No comments were filed in response to the notice.

Permit Amendment Review Criteria

7. The change would not result in injury to other water rights.
8. The proposed place of use is owned and/or controlled by the permit holder.
9. The change does not enlarge the permit.
10. The change does not alter any other terms of the permit.
11. The proposed place of use is contiguous to the authorized place of use.

Conclusions of Law

The change in place of use proposed by Permit Amendment Application T-11087 is consistent with the requirements of ORS 537.211.

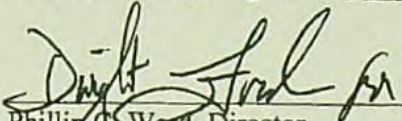
Now, therefore, it is ORDERED:

The change and subsequent use of water shall be subject to the following conditions:

1. The former place of use shall no longer be irrigated as part of this permit.

2. All other terms and conditions of Permit G-13498 remain the same.
3. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

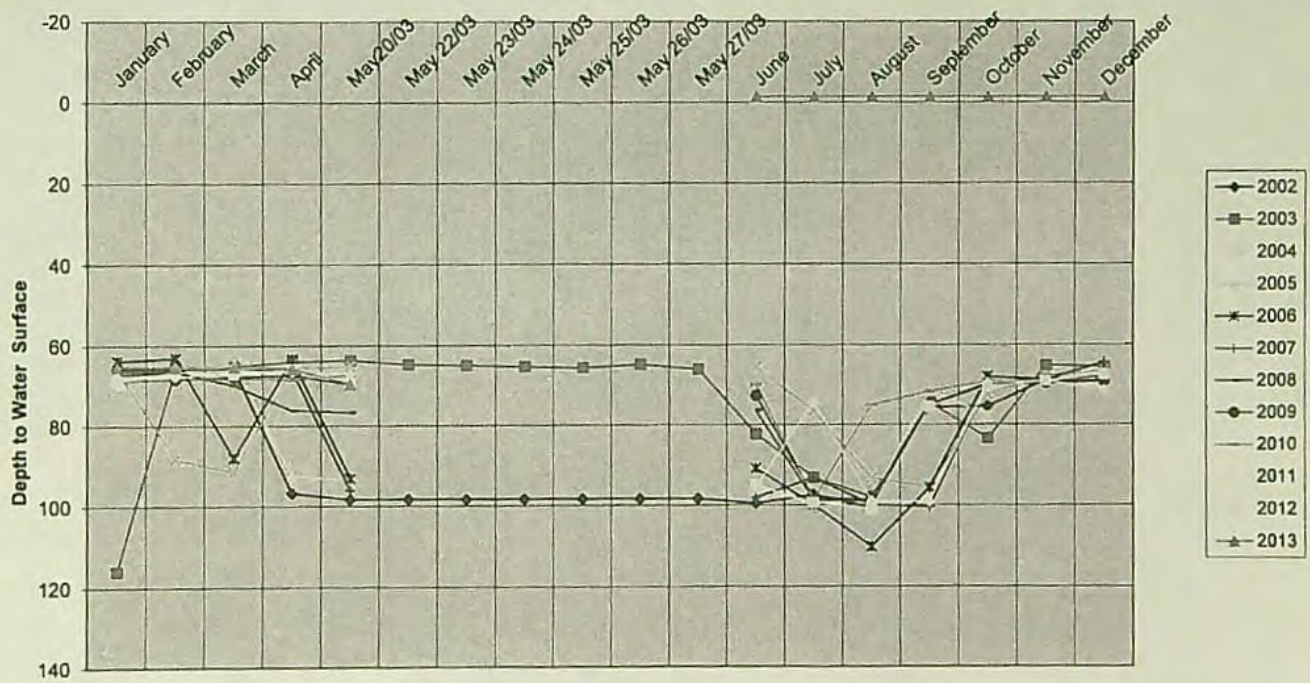
Dated at Salem, Oregon this 11 day of August, 2010.


Phillip G. Ward, Director

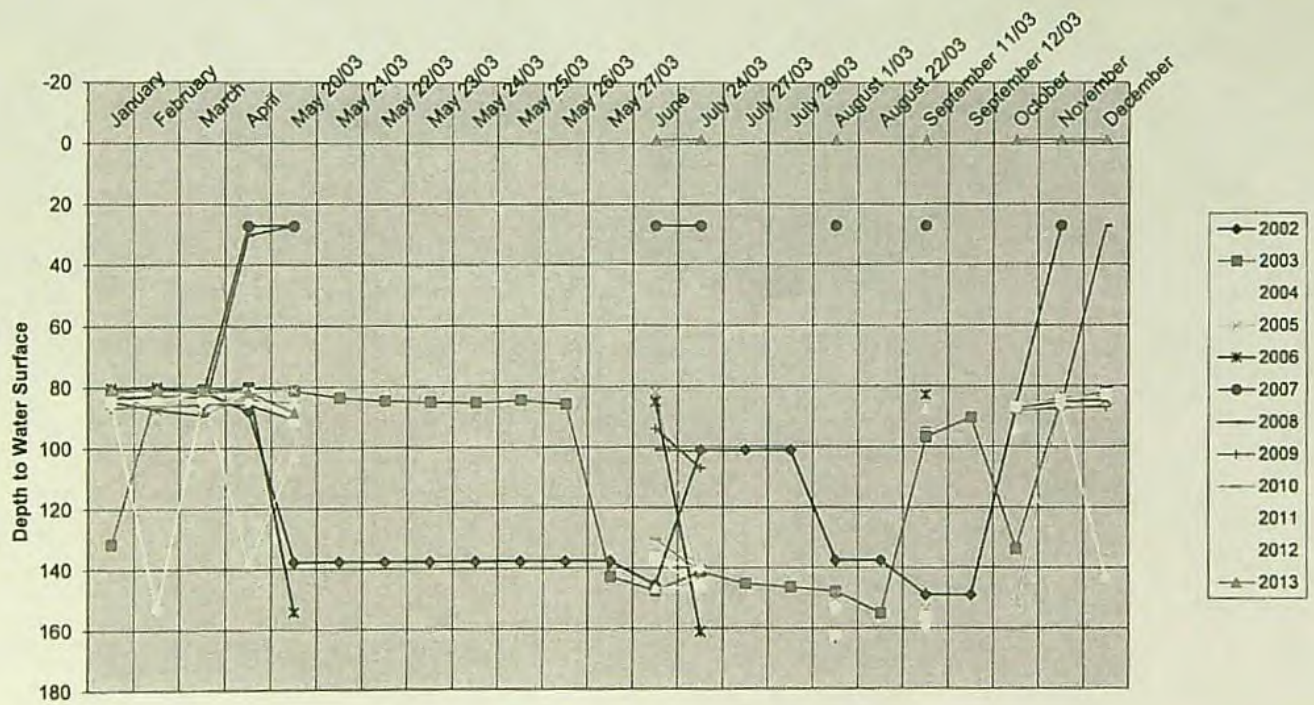
Mailing Date: AUG 13 2010

APPENDIX B
GROUNDWATER LEVEL DATA COMPILED BY BANDON DUNES STAFF

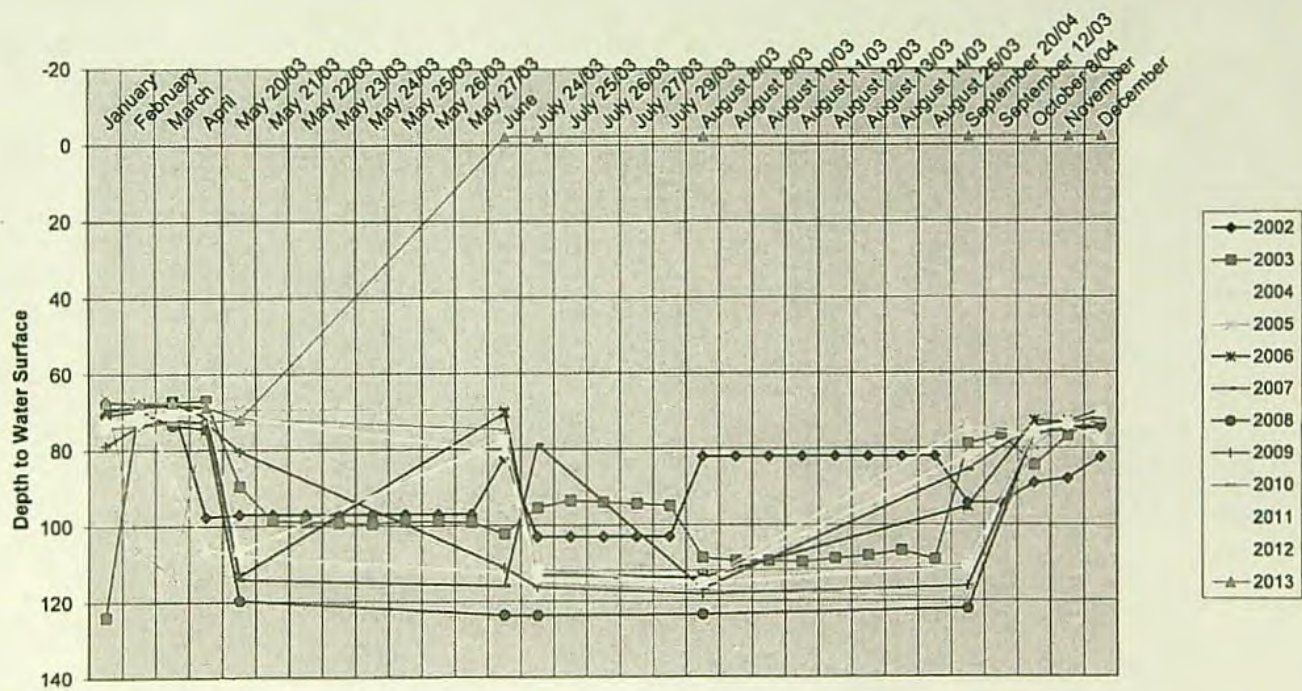
Month



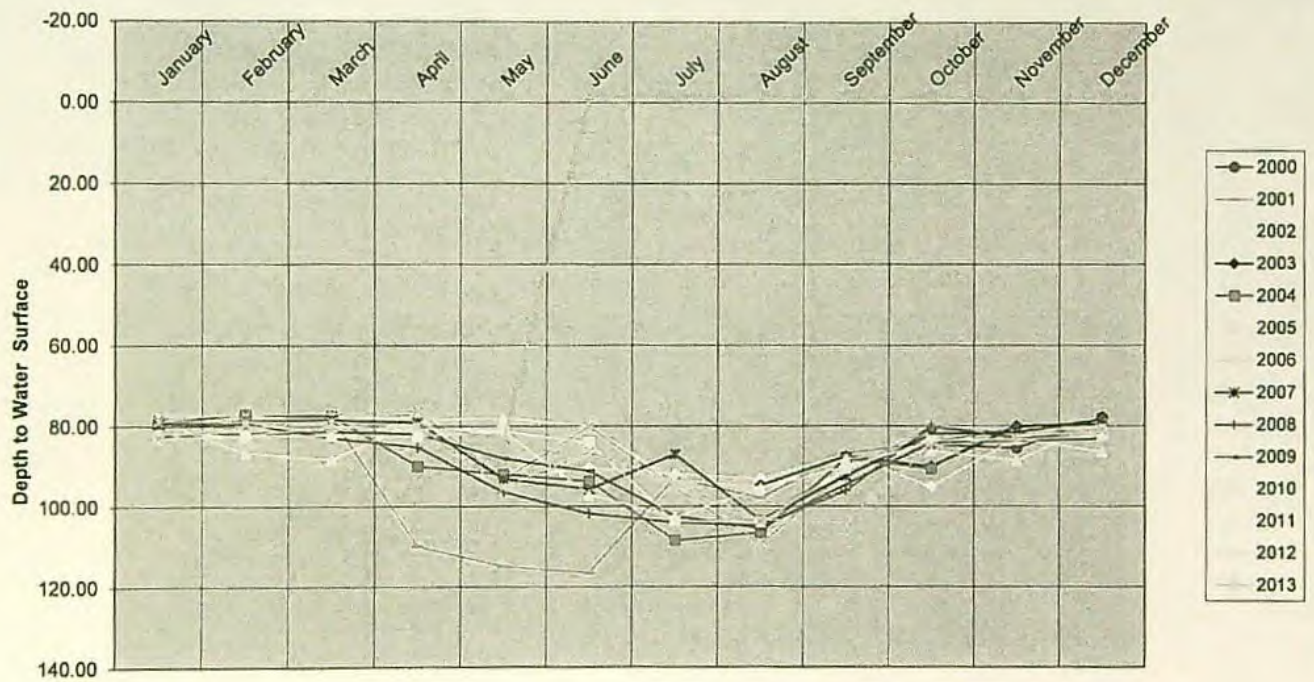
Month



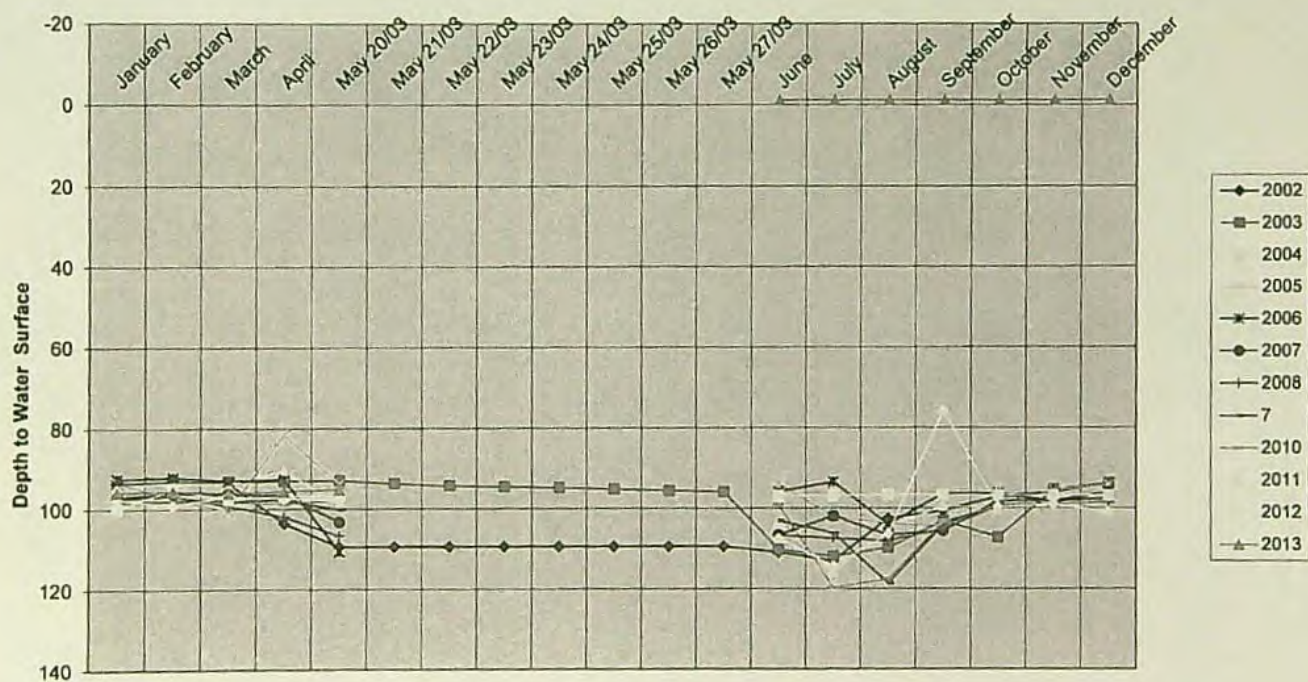
Month



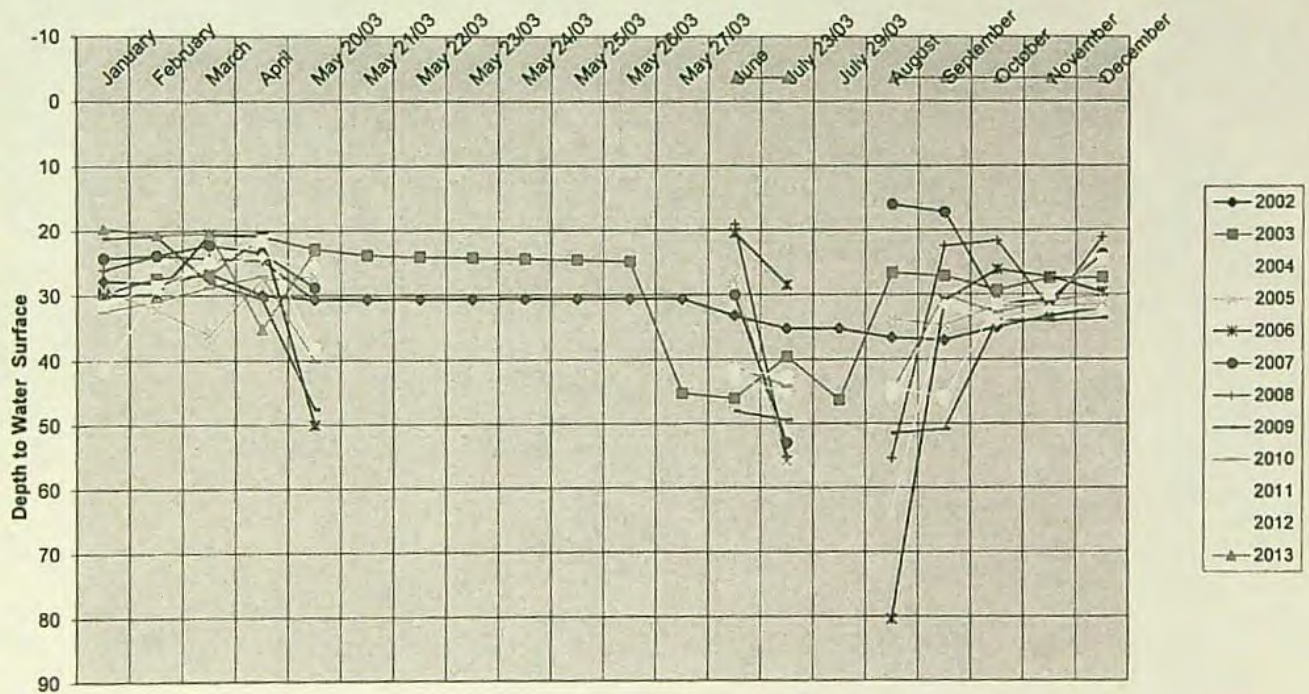
Month



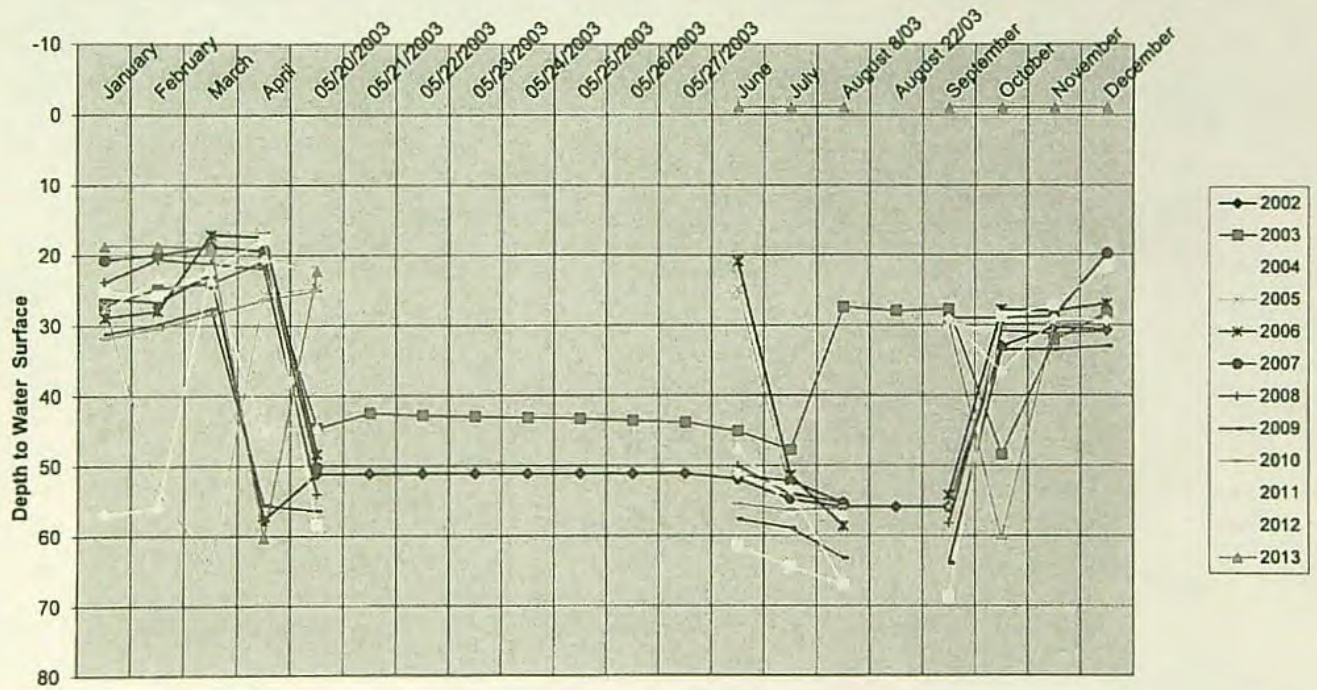
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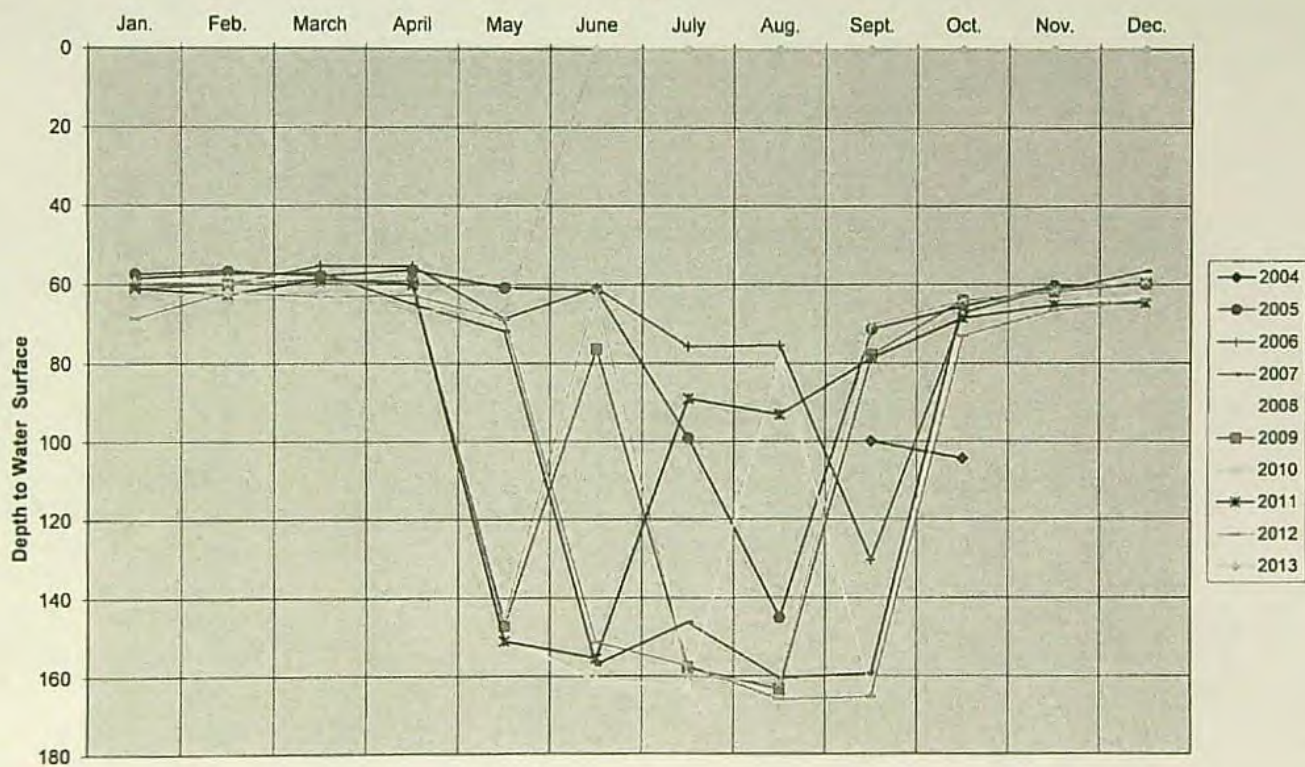
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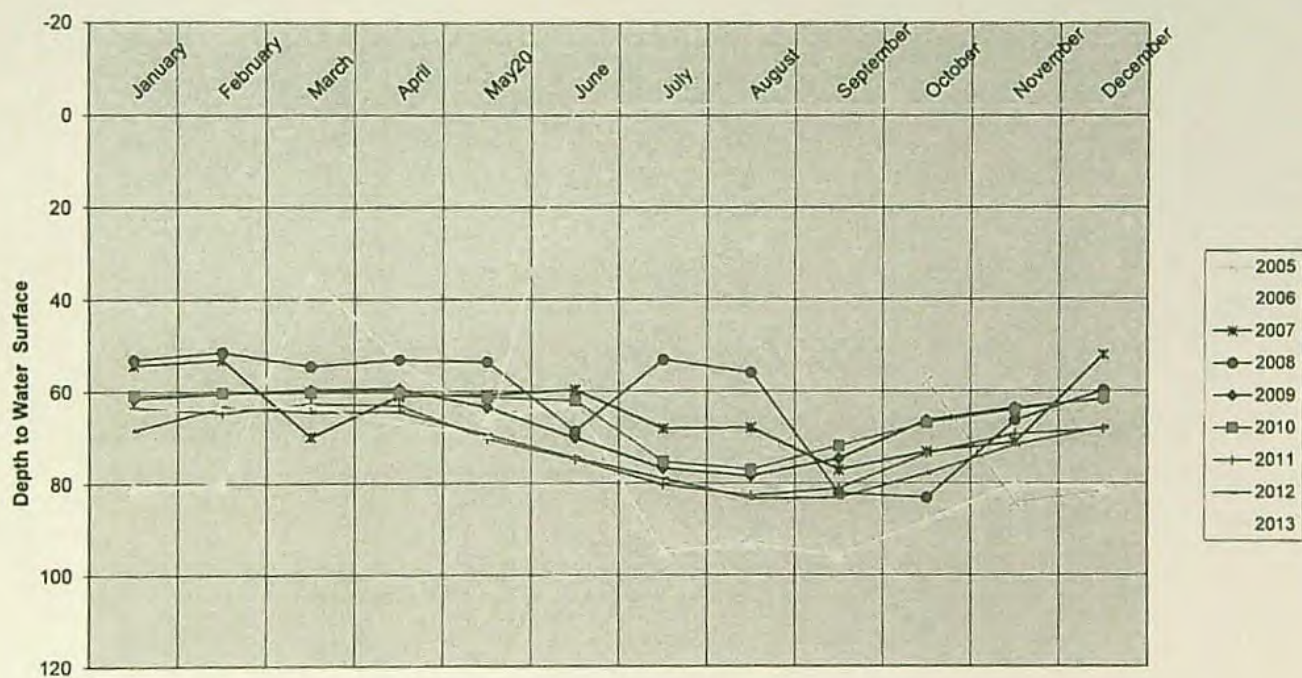
Month



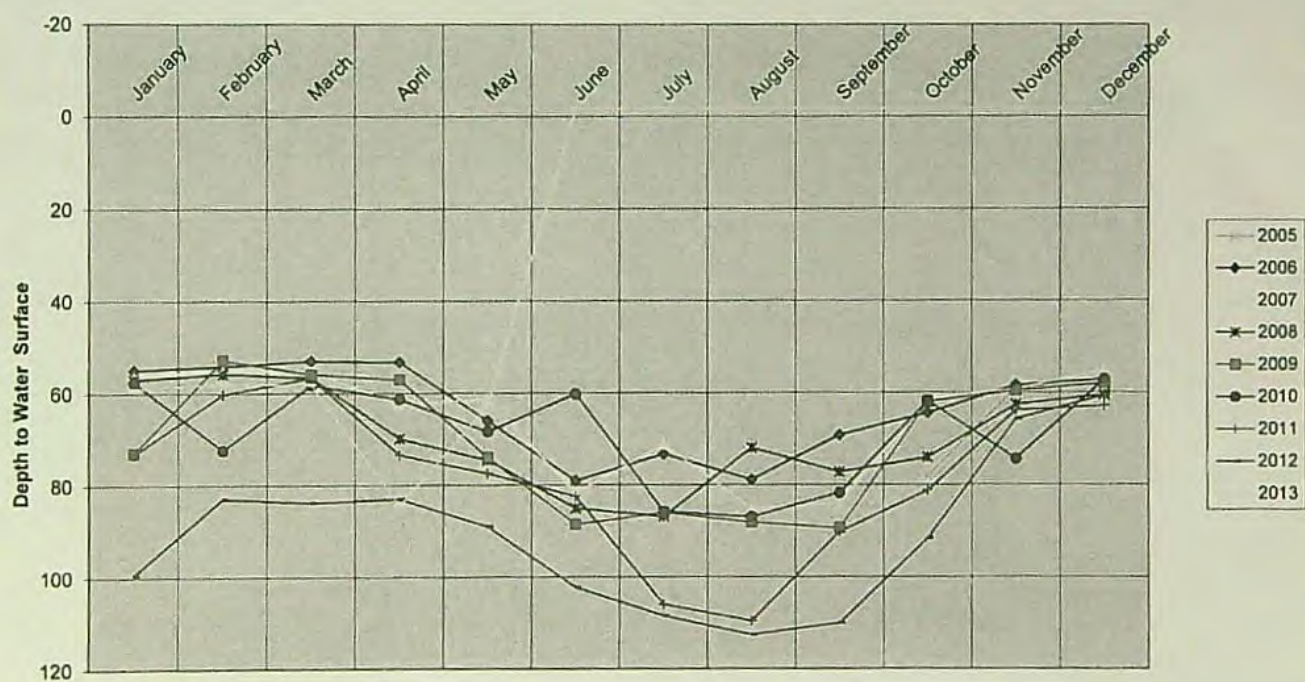
Month



Month



Month



133-92806

S.L

Blegen, Ron

From: Hill, Christie
Sent: Tuesday, October 29, 2013 11:41 AM
To: Blegen, Ron
Subject: FW: FedEx Shipment 797002877523 Delivered

Report Delivery to
OWRD

Ron,

FYI – Your Fed Ex to Michelle McAleer at Oregon Water Resources Department has been delivered. See below for details.

Thanks,
Christie

From: trackingupdates@fedex.com [mailto:trackingupdates@fedex.com]
Sent: Tuesday, October 29, 2013 11:33 AM
To: Hill, Christie
Subject: FedEx Shipment 797002877523 Delivered

This tracking update has been requested by:

Company Name: Golder Associates Inc.
Name: Christie Hill
E-mail: chill@golder.com

Our records indicate that the following shipment has been delivered:

Reference: 133-92806 (RB)
Ship (P/U) date: Oct 25, 2013
Delivery date: Oct 29, 2013 11:29 AM
Sign for by: M.GRAHAM
Delivery location: SALEM, OR
Delivered to: Receptionist/Front Desk
Service type: FedEx 2Day
Packaging type: FedEx Pak
Number of pieces: 1
Weight: 1.00 lb.
Special handling/Services: Deliver Weekday

Tracking number: [797002877523](https://www.fedex.com/track)

Shipper Information
Christie Hill
Golder Associates Inc.
1430 W Broadway Rd Ste 108
Tempe
AZ
US
85282

Recipient Information
Michelle McAleer
Oregon Water Resources Department
725 Summer Street NE
Suite A
SALEM
OR
US
97301



December 9, 2014

Dear Customer:

The following is the proof-of-delivery for tracking number **797002877523**.

Delivery Information:

Status:	Delivered	Delivery location:	SALEM, OR
Signed for by:	M.GRAHAM	Delivery date:	Oct 29, 2013 11:29
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday		

Signature image is available. In order to view image and detailed information, the shipper or payor account number of the shipment must be provided.

Shipping Information:

Tracking number:	797002877523	Ship date:	Oct 25, 2013
-------------------------	--------------	-------------------	--------------

Recipient:
SALEM, OR US

Shipper:
TEMPE, AZ US

Reference

133-92806 (RB)

Thank you for choosing FedEx.

FedEx[®] Tracking

797002877523

Ship (P/U) date
Fri 10/25/2013 5:35 pm

TEMPE, AZ US

Actual delivery
Tues 10/29/2013 11:29 am

SALEM, OR US

Delivered

Signed for by: M.GRAHAM

Travel History

Date/Time	Activity	Location
- 10/29/2013 - Tuesday		
11:29 am	Delivered	SALEM, OR

Shipment Facts

Tracking number	797002877523	Service	FedEx 2Day
Shipper reference	133-92806 (RB)	Special handling section	Deliver Weekday

Golder Associates Inc.
 1430 West Broadway Road, Suite 108
 Tempe, AZ 85282
 Telephone (480) 966-0153
 Fax (480) 966-0193
 www.golder.com



TRANSMITTAL LETTER

TO: Oregon Water Resources Department
 Extensions/Water Rights and
 Adjudications Division
 725 Summer Street NE, Suite A
 Salem, Oregon 97301

DATE: May 27, 2009

PROJECT NO.: 033-1642

Attention: Mr. Scott Kudlemyer

SENT VIA:

- ☒ Federal Express (Tracking Number 796640110363)
☐ U.S. Mail
☐ Courier
☐ Hand Delivery
☐ Other: _____

QUANTITY	ITEM	DESCRIPTION
1	Document	2008 Extension of Time Report, Bandon Dunes Limited Partnership Water Right G-13498
REMARKS: Mr. Kudlemyer: Enclosed please find a cover letter and memorandum that serve as the 2008 Extension of Time Progress Report for Water Right Permit G-13498 held by the Bandon Dunes Limited Partnership. If you have any questions or comments, please contact me at 480-966-0153 or rblegen@golder.com . Thank you. Ron Blegen		

Per _____

Ron P. Blegen

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WATER RESOURCES DEPT
 SALEM, OREGON



STASTNYBRUN

MR. SCOTT KUDLEMYER
EXTENSIONS/WATER RIGHTS AND
ADJUDICATIONS DIVISION
WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE, SUITE A
SALEM, OR
97301

27 MAY 2009

C.C.
LEONARD LEVINE, CIO
JAMES SELLEY,
KEMPER SPORTS MANAGEMENT

Reference: Application G-13577/Permit G-13498

Dear Mr. Kudlemyer:

Attached is the requested 5-year Progress Report. As I indicated earlier, the report was delayed due to the passing of Mr. Howard McKee and the Management Team not realizing that the Report was required, not what information was required per the permit. Our records are in order and this Report honors the requirement to file the report every five years. The past five years have witnessed great growth in the Resort and its facilities. In that growth, we have adhered to the planning approvals granted and have maintained and recorded appropriate records regarding water resources that have provided the basis for this Report.

For the record, please modify your records to reflect the following:

Owner: Michael Keiser
875 N. Michigan Avenue, Suite 3920
Chicago, IL 60611

Owner's Representative (replacing Howard McKee):
Donald J. Stastny
StastnyBrun Architects, Inc.
1630 SW Morrison Street, Suite 210
Portland, OR 97205

Consultant for Water Issues:
Golder Associates, Inc.
1430 West Broadway Road, Suite 108
Tempe, AZ 85282

I am requesting that Ron Blegen, Senior Project Hydrogeologist for Golder Associates submit the Progress Report on behalf of Bandon Dunes Golf Resort. Please feel free to contact me, or him should there be any issues with the submittal. On behalf of the Owner, I would like to extend our thanks for your understanding as to the lateness of our Report due to the passing of Howard McKee.

Sincerely,

STASTNYBRUN ARCHITECTS, INC.

DONALD J. STASTNY FAIA FAICP
Owner's Representative, Bandon Dunes Golf Resort

ARCHITECTURE URBAN DESIGN
PLANNING INTERIORS
COMMUNITY DESIGN PROCESS COMPETITION MANAGEMENT

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SALEM, OREGON

MEMORANDUM

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Golder Associates Inc.

18300 NE Union Hill Road, Suite 200
Redmond, Washington 98052

WATER RESOURCES DEPT
SALEM, OREGON

MAY 28 2009

Telephone: 425-883-0777
Fax Access: 425-882-5498

TO: Donald Stastny and Bruce Johnson **DATE:** May 15, 2009
Bandon Dunes Limited Partnership

FROM: Ron Blegen, R.G. and David Banton, R.G. **OUR REF.:** 033-1642-002.001

RE: **2008 EXTENSION OF TIME PROGRESS REPORT**
BANDON DUNES LIMITED PARTNERSHIP WATER RIGHT G-13498

This memorandum is intended to provide the information requested in the Progress Report Form for 2008 provided to the Bandon Dunes Limited Partnership (Bandon Dunes) by the Oregon Water Resources Department (OWRD). The 2008 progress report is a requirement of the 2002 extension of time of Water Right Permit G-13498, held by Bandon Dunes. The report form is attached for reference (see Appendix A). The information reported herein applies to work accomplished and finances invested between October 1, 2002 and October 1, 2008. The water use, pumping data, construction timeline, and financial commitment information is based on information provided to Golder Associates Inc. by Bandon Dunes. Additional water use information (e.g. annual reports) was obtained from OWRD.

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS for the period of time between October 1, 2002 and October 1, 2008	FINANCIAL INVESTMENT
10/1/2002 to 0/1/2003	Normal golf course and facility maintenance and small construction projects.	
10/1/2003 to 10/1/2004	Construction of Trails Course begins with simultaneous installation of the in-ground irrigation system.* Construction and testing of irrigation well L69436 [Permit Amendment T9647 requests change in POU to accommodate Trails Course (effective 26-Mar-2004)]	\$7.9 M
10/1/2004 to 10/1/2005	Completion and opening of Trails Course Construction and testing of irrigation well L74686 Construction: Bandon Trails Clubhouse and Turnstand Lodge Suite and Garden Room Grove Cottages and Registration Area	\$13.5 M
10/1/2005 to 10/1/2006	Course and facility maintenance and small construction projects. Construction of well L75799 to replace potable supply well L25195.	\$5.9 M
10/1/2006 to 10/1/2007	Intern housing (3 units) Course and facility maintenance and small construction projects. Permit Amendment T-9782 Final Order approved 9-Oct-2006 adds two new POA's to the permit (Well ID's L69436 and L74686)	\$7 M

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS for the period of time between October 1, 2002 and October 1, 2008	FINANCIAL INVESTMENT
10/1/2007 to 10/1/2008	Construction of Old MacDonald Course begins (first 10 of 18 holes). Site preparation for the remaining holes to continue with simultaneous installation of the in-ground irrigation system.** Construction of irrigation well L91192 to replace the "New Shuman Well" (Coos 330). Staff Housing (22 units) Pacific Dunes Clubhouse Inn Rooms, Lobby, and Lounge Permit Amendment T-10476 Final Order Approved 14-April-2008 adds two new POA's to permit and changes POU to accommodate Old MacDonald Course.	\$14.7M

Notes:

*The Trails course irrigation system includes the following:

1,390 Rainbird Eagle 700 sprinklers
45 Rainbird electric valves
300 feet of 16-inch PVC pipe
2,600 feet of 12-inch PVC pipe
1,800 feet of 10-inch PVC pipe
6,800 feet of 8-inch PVC pipe
1,600 feet of 8-inch HDPE pipe
6,000 feet of 6-inch PVC
5,200 feet of 4-inch PVC
93,000 feet of 2-inch PVC

Estimated system cost = \$1.3M

** The Old MacDonald course irrigation system is expected to include the following components when complete:

1,500 Rainbird Eagle 700 sprinklers
45 Rainbird electric valves
2,000 feet of 14-inch PVC pipe
2,000 feet of 12-inch PVC pipe
2,400 feet of 10-inch PVC pipe
6,000 feet of 8-inch PVC pipe
5,000 feet of 6-inch PVC
5,000 feet of 4-inch PVC
100,000 feet of 2-inch PVC

Projected system cost = \$1.7M

Over the last 5 calendar years (2004 through 2008), Bandon Dunes has invested approximately \$49 million dollars in the development of their property. Current plans call for additional development between 2008 and 2020, but planning for the full extent of the buildout has not been completed.

2. COMPLIANCE WITH TERMS AND CONDITIONS OF THE PERMIT

A copy of permit G13498, with numbered references to the key provisions of the permit, is attached as Appendix B. The following paragraphs provide a brief explanation of compliance activity by Bandon Dunes.

No. 1 – Source of Water:

The original permit allowed for appropriation of groundwater from six wells in the Cut Creek Basin. Transfer T-8661 (effective August 27, 2002) added six wells as authorized points of appropriation. Transfer T-9782 (effective October 9, 2006) added two more wells to bring the total number of authorized Points of Appropriation to 14 wells. To date, Bandon Dunes draws water from 10 wells. Two of these wells are designated for potable water use. Eight wells currently supply irrigation water to the golf courses and practice facilities. Two more wells have been constructed as irrigation supply wells, but are not yet fully connected to the

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resort irrigation water distribution system. Table 1 provides a summary of the wells currently in use under G-13498. Well locations are presented in Figure 1.

No. 2 – Purpose or Use:

The purpose or use for the appropriated water remains irrigation for up to 500 acres and domestic use serving up to 500 households. Bandon Dunes has been progressing toward the total of 500 acres allowed for irrigation through the construction of new golf courses and practice facilities. The Trails course was constructed in 2004-2005 and opened in 2005. Construction of the Old MacDonald course began in 2007 and is expected to open for play in 2010. As of October 1, 2008 the total acreage under irrigation was approximately 420 acres. By late 2009 or early 2010, the acreage expected to be under irrigation is expected to be between 480 and 500 acres. The number of guest housing units has slowly grown to the current 186 units. It is estimated that the potable supply supports up to 385 guests and 265 full-time employees (increasing to 400 to 450 employees during the summer months). The number of guest housing units is projected to grow steadily over the next 10 to 12 years.

No. 3 – Maximum Rate:

The maximum rate of water usage does not exceed 3.09 cubic feet per second (cfs) (1,387 gallons per minute, gpm) for irrigation purposes, or 0.46 cfs (206 gpm) for domestic and commercial uses. Irrigation water use has grown since 2002 with the expansion of golf facilities and the construction of two new courses (Table 2, Figure 2). In 2008 Bandon Dunes pumped 226 million gallons from its irrigation supply wells and distributed the water to 420 acres that includes three 18-hole courses, practice facilities, and approximately one-half of another course under construction. The maximum monthly average pumping rate for all the irrigation wells during the 2007-2008 water year was 1,044 gpm (2.33 cfs) during June 2008 (Figure 3).

Potable water use has been growing since 2002, reaching a maximum of 11.5 million gallons in 2008 (Table 3, Figure 4). This translates to an average rate of use of only 22 gpm or 0.05 cfs. Wells designated for potable supply are pumped only long enough to fill water storage tanks.

Water use is monitored monthly at wellhead flow meters and reported annually to OWRD.

No. 4 – Period of Use:

Water use for irrigation purposes takes place between March and October of each water year, with the majority of water pumped between May and September (Figure 3). Pumping from wells designated for commercial or domestic purposes is conducted on a year-round basis.

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No. 5 – Amount of Use Allowed:

Water use for irrigation has not exceeded the limitations provided for under this section of Permit G-13498. By the end of the 2007-2008 irrigation season approximately 420 acres were under active irrigation. Under the terms of the permit, this translates to a maximum allowable application of 1,050 acre-ft, or 342 million gallons, over the course of the irrigation season. Based on water use records collected by Bandon Dunes during the 2007-2008 water year, the total volume of groundwater appropriated for irrigation was 693 acre-ft (226 million gallons) (Figure 2) and the maximum monthly average pumping rate was 1,044 gpm (2.33 cfs) (Figure 3).

No. 6 – Place of Use:

Since October 1, 2002, the place of use has been altered from the original permit through permit amendments T9647 (Final Order approved March 26, 2004) and T10476 (Final Order approved April 14, 2008). The acreage available for irrigation has remained at a maximum of 500 acres. To date the total acreage under irrigation has been estimated at 420 acres. By the end of 2009, the total acreage under irrigation is projected at 480 acres. Additional future facility upgrades are expected to bring the total irrigated acreage to 500 acres.

No. 7 – Metering Requirements:

Meters have been installed at the wellhead of each irrigation and domestic well in active use at the property. Monthly meter readings are recorded and compiled by Bandon Dunes personnel and an annual water use report is submitted to OWRD at the end of each water year.



Photograph of Well L34008. Note the flow meter installation. All Bandon Dunes wells are equipped with similar meters and are monitored on a minimum monthly basis.

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No. 8 – Watermaster Access:

The Watermaster has access to the wells and meters at any time.

No. 9 – Well Locations:

All irrigation and potable supply wells constructed since 2002 have been placed within the “Alternative Well Placement Areas” as demarcated in the EGR and Associates document of May 27, 1997, or placement has otherwise been approved by OWRD through permit amendment. A total of 14 wells are approved for use under permit G13498. Ten wells have been actively used as irrigation and potable supply wells. Well locations are depicted in Figure 1.

No. 10 – Well Construction Requirements:

All wells constructed by Bandon Dunes and in active use as irrigation or potable supply wells meet these minimum construction requirements established in the permit. Well Coos 330 was replaced by well Coos 54287 (L91192) in 2008. The replacement well was constructed with similar screened intervals as in Coos 330, and is located within a few feet of the original well.

Well logs for the following wells, constructed between October 1, 2002 and October 1, 2008 are provided in Appendix C:

- L69436
- L74686
- L75799 (replacement well for L25195)
- L91192 (replacement well for Coos 330)

No. 11 – Substantial Interference With Other Rights:

There have been no known issues regarding interference with other water right holders in the vicinity. The Bandon Dunes resort is located downgradient of most local water users and there are no users downgradient of the resort.

No. 12 – Monitoring Plan:

Bandon Dunes submitted a monitoring plan to OWRD, which was accepted in 2001. Bandon Dunes has been monitoring groundwater levels and quality, and modifying water use in accordance with the plan since that time. Attached are examples of charts of groundwater level data compiled by Bandon Dunes staff on a monthly basis since 2002 (see Appendix D).

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3. Total Number of Acres Irrigated to Date = 420 Acres

4. Provide the Maximum Rate, or Duty if Applicable, of Water Diverted for Beneficial Use Under This Permit, if Any, to Date:

Maximum rate used to date = 2.33 cfs (cubic feet per second)

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SALEM, OREGON

Table 1
Permit G13498 Irrigation and Potable Supply Well Data

Well No.	Construction Date	Depth Drilled (feet)	Borehole Diameter (inches)	Screen Diameter (inches)	Screened Interval(s) (feet bgs)	Reported Production Rate (gpm)	Pump Test Results	Golf Course Served	Notes
L10847	7/17/1997	243	12.25	8	96 - 116	100	-	BD	
L10848	7/24/1997	185	12.25	8	148.5 - 168.5	170	-	BD	
L18620	6/29/1998	260	12.25	8	119 - 139	125	-	BD	
L34007	5/6/2000	200	12.25	8	111.25 - 129.25 134.6 - 141.6	160	-	PD	
L34008	5/16/2000	220	12.25	8	115.3 - 131.3	105	-	PD	
L34018	11/12/2001	155	12.25	8	62.11 - 78.2	132	-	PD	Originally a geotech borehole. Hole reamed to accommodate 8 inch production casing.
L34030	6/27/2000	185	15	10	66.4 - 86.5	224	-	PD	
L69436	9/15/2004	200	17.5	10	166 - 194.5	400	*	Trails	Trails course supply well
L75799	10/11/2005	125	17.5	10	109.5 - 119.5	100		Potable	Potable well replaced L25195.
L74686	7/16/2005	260	17.5	10	229.3 - 255.8	350	*	Potable	New potable well. Not currently used for irrigation.
L91192	7/9/2008	78	15	10	51.33 - 66.33	90	*	-	Replaces New Schuman Well (Coos 330) Not currently used.

Notes:

- * Pumping test report is available.
- BD Bandon Dunes Course
- PD Pacific Dunes Course
- Trails Trails Course
- OM Old McDonald Course

bgs Below ground surface
gpm Gallons per minute
Mgal Million gallons

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Table 2
Bandon Dunes Irrigation Water Use Summary

Water Year End	Total Appropriation			Irrigated Acres Reported	Acre-Ft of Water Applied per Acre of Land	Volume Allowed on Reported Acreage (Mgal)
	Gallons	Mgal	Acre-Ft			
2003	30,938,435	31	95	160	0.59	130
2004	161,464,640	161	496	116	4.27	95
2005	174,841,152	175	537	NR		
2006	184,061,210	184	565	336	1.68	274
2007	NR					
2008	225,564,075	226	692	420	1.65	342
Permit G13498 Allowance (full build-out)				500	2.5	407

Notes:

NR Not Reported - Data was not requested by OWRD

Mgal Million gallons

Source: OWRD Web Site

Water use records supplied by Bandon Dunes

Permit G13498 allows for the application of 2.5 acre-ft of water per irrigated acre in season

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Table 3
Bandon Dunes Potable Water Use Summary

Year	Total Gallons Used	Average Pumping Rate (gpm)	Average Pumping Rate (cfs)
2003	5,596,380	10.6	0.024
2004	7,869,900	15.0	0.033
2005	522,900	1.0	0.002
2006	9,435,400	18.0	0.040
2007	nd		
2008	11,458,300	21.8	0.049

Notes:

Potable water has been pumped from wells L25195, L44790, L75799, and L74686

nd - No data available.

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TABLES

Table 1	Permit G13498 Irrigation and Potable Supply Well Data
Table 2	Bandon Dunes Irrigation Water Use Summary
Table 3	Bandon Dunes Potable Water Use Summary

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LEGEND

- Domestic Well
- Irrigation Well
- ⊕ Proposed New Well
- Authorized P.O.U.
- Permit G13498 Alternate Well
- Placement Area (Approximate)

Scale 1" = 1,300 Feet

Map Projection:
Oregon State Plane
South Zone, NAD 83, Feet
Source: USGS, Skinner & Assoc.
Stuntz Engineering

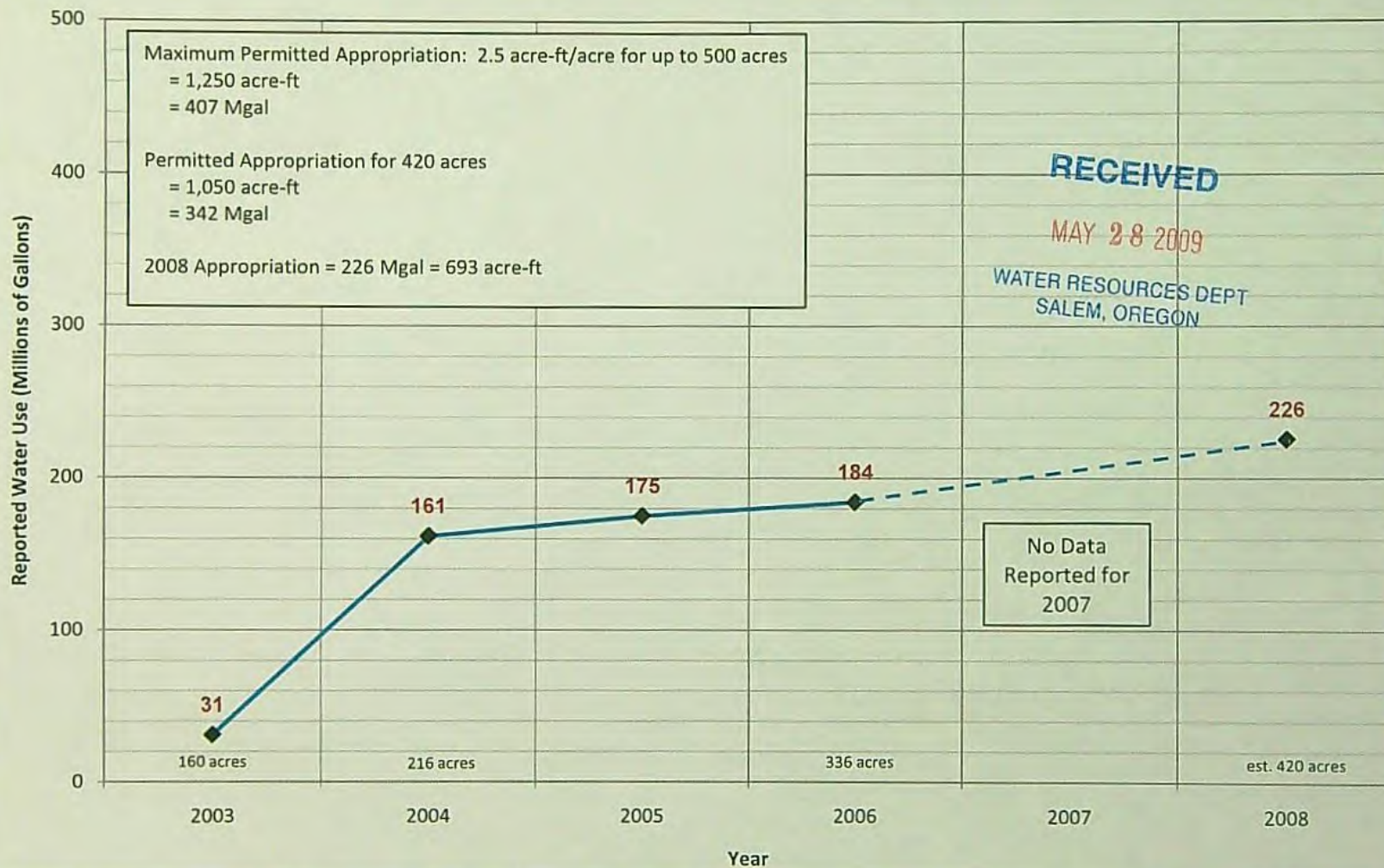
Note: Well COOS 330 (New Shuman Well)
has been replaced by Well ID L61193

This figure was originally produced in color. Reproduction
in black and white may result in a loss of information

BANDON DUNES WATER RIGHT G-13498
2008 Extension of Time Progress Report
Well Locations

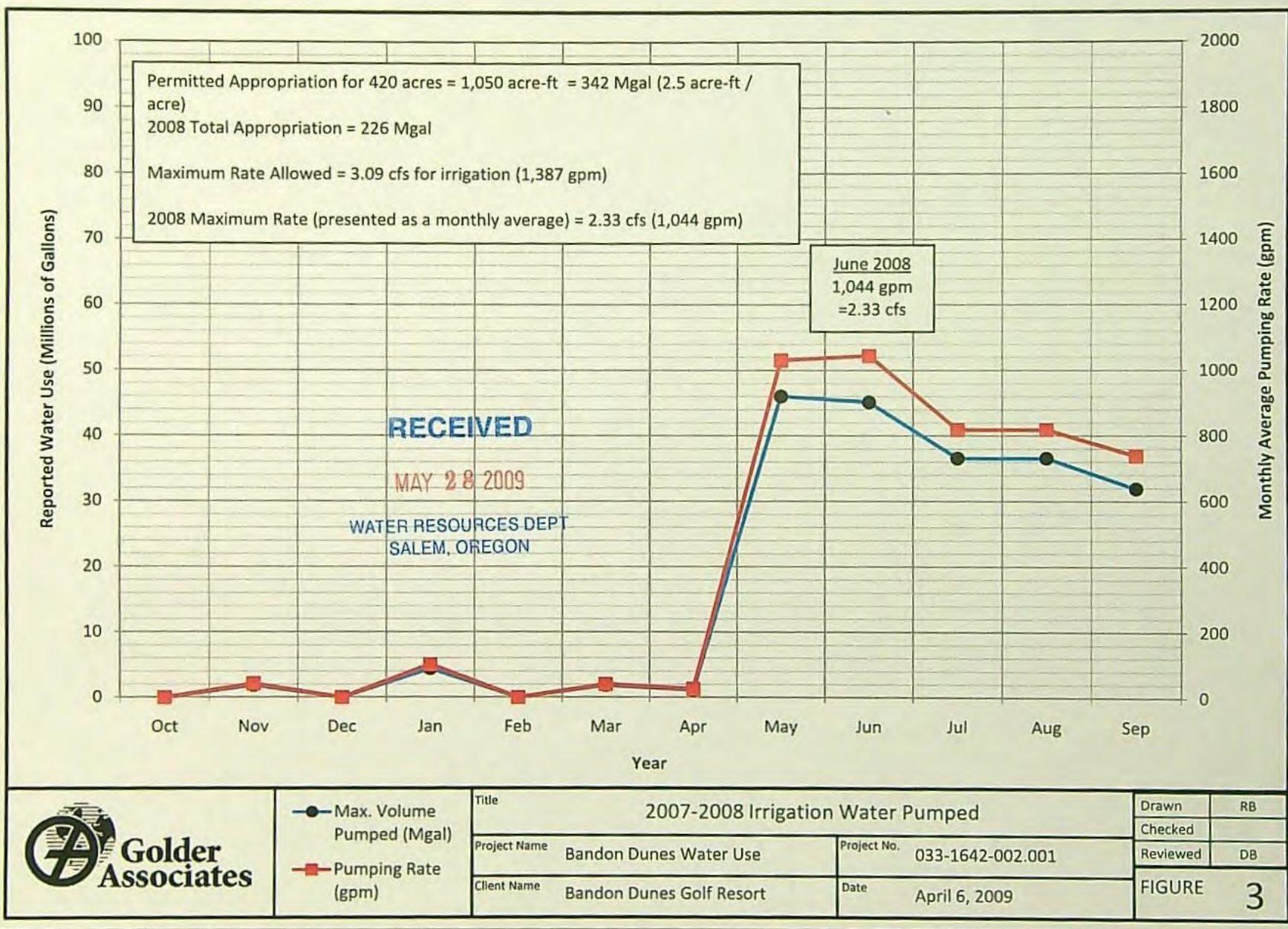
Drawn: EGB Revision: 2 Date: Apr 7, 2009 Figure: 1

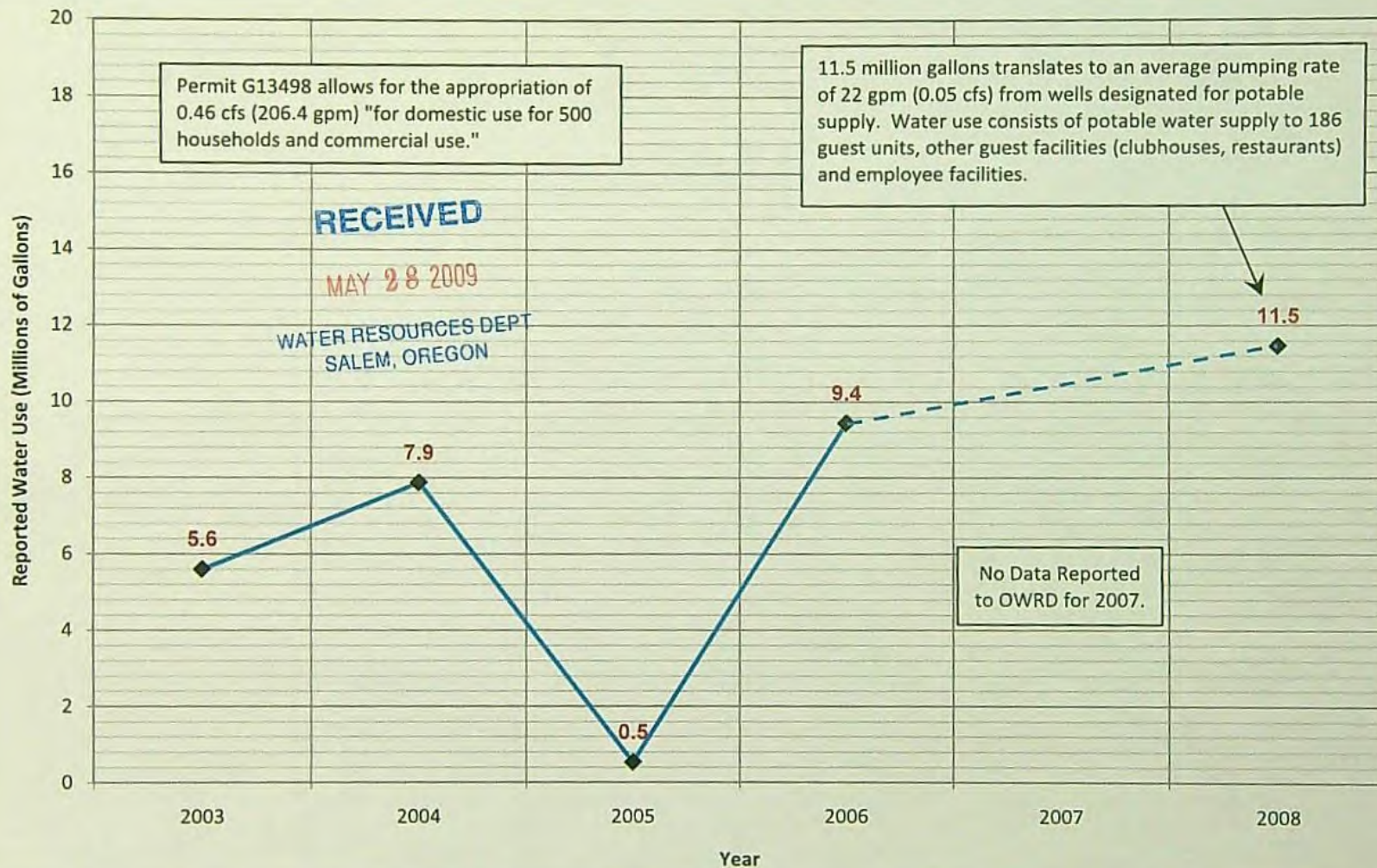
Golder Associates



—◆— Mgal Pumped Per Year for Irrigation

Title		Annual Water Use, Irrigation, 2002 to 2008		Drawn	RB
Project Name	Bandon Dunes Water Use	Project No.	033-1642-002.001	Checked	
Client Name	Bandon Dunes Golf Resort	Date	April 6, 2009	Reviewed	DB
				FIGURE	2





◆ Mgal Pumped Per Year for Domestic/Commercial Use

Title Annual Water Use, Domestic/Commercial, 2002 to 2008

Project Name Bandon Dunes Water Use

Project No. 033-1642-002.001

Client Name Bandon Dunes Golf Resort

Date April 6, 2009

Drawn	RB
Checked	
Reviewed	DB

FIGURE 4

APPENDIX A

2008 Progress Report Form

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**WATER RESOURCES DEPT
SALEM, OREGON**



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

FEBRUARY 25, 2009

BANDON DUNES LIMITED PARTNERSHIP
ATTN: HOWARD MCKEE
2130 LINCOLN PARK N / 57744 ROUND LAKE DR
CHICAGO, IL 60614 / BANDON, OR 97411

REFERENCE: Application G-13577 / Permit G-13498

Dear Permit Holder:

On 10/2/2003, the Department issued a Final Order approving an Extension of Time for Permit G-13498. This Final Order included a condition that required the permit holder to submit a written progress report to the Department by October 1, 2008 as well as a future progress report(s) due by October 1, 2013 and 2018.

This letter is being sent to you because the Department has not yet received the progress report that was due on October 1, 2008.

For your convenience, I have enclosed a **Progress Report Form** for you to fill out and submit. In order to maintain the ability to continue developing water under this permit, you should submit your overdue progress report immediately.

As per your most recent extension, the date by which water must be applied to full beneficial use within the terms and conditions of your permit is October 1, 2022. *Failure to submit a written progress report may jeopardize continued development of your permit beyond October 1, 2022, as future extensions are evaluated on past due diligence, and consequently may not be granted.*

If you have any questions concerning this matter, you may contact me by telephone at (503) 986-0813.

Sincerely,

Scott Kudlemyer
Extensions
Water Rights and Adjudications Division

Enclosure

cc: Application G-13577
Watermaster District 19 - Mitch Lewis

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

Extension of Time Progress Report Form For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: BANDON DUNES LIMITED PARTNERSHIP

Application G-13577
Permit G-13498

Report Due no later than October 1, 2008

Progress Report Form for 2008

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfection of Permit G-13498

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, 2002 and October 1, 2008	FINANCIAL INVESTMENT

2. Compliance with terms and conditions of the permit and/or previous extension.

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3. Total number of acres irrigated to date= _____ (if applicable)
4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.

Maximum rate used to date = _____ cfs (cubic feet per second)

Maximum rate used to date = _____ gpm (gallons per minute)

Acre-feet stored to date = _____ AF

Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.

Signature _____ Date _____

For OWRD use only

Diligence Shown ☐ Yes ☐ No

Date Public Noticed: _____

Reviewed by: _____

Date: _____

APPENDIX B

Permit G13498

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**WATER RESOURCES DEPT
SALEM, OREGON**

STATE OF OREGON

COUNTY OF Coos

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

BANDON DUNES LIMITED PARTNERSHIP
C/O HOWARD MCKEE
2130 LINCOLN PARK W.
CHICAGO, IL 60614

PHONE: (312) 281-0652

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-13577

- 1 SOURCE OF WATER: SIX WELLS IN THE CUT CREEK BASIN
- 2 PURPOSE OR USE: COMMERCIAL USE, DOMESTIC USE SERVING 500.0 HOUSEHOLDS, AND IRRIGATION AND OUT-OF-SEASON IRRIGATION OF A TOTAL OF 500.0 ACRES
- 3 MAXIMUM RATE: 3.55 CUBIC FEET PER SECOND (CFS), BEING 0.46 CFS FOR DOMESTIC USE FOR 500 HOUSEHOLDS AND COMMERCIAL USE AND 3.09 CFS FOR IRRIGATION
- 4 PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION USE; NOVEMBER 1 THROUGH THE MONTH OF FEBRUARY FOR OUT-OF-SEASON IRRIGATION; YEAR ROUND FOR COMMERCIAL USE AND DOMESTIC USE FOR 500 HOUSEHOLDS

DATE OF PRIORITY: DECEMBER 17, 1993

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, NW 1/4 NW 1/4, SW 1/4 NW 1/4, SECTION 32, T27S, R14W, W.M., NW 1/4 NW 1/4, SW 1/4 NW 1/4, SECTION 5, T28S, R14W, W.M.; SCHUMANN WELL - 417 FEET SOUTH AND 283 FEET WEST FROM N1/4 CORNER SECTION 32; PW5 - 27 FEET NORTH AND 382 FEET WEST FROM NW1/16 CORNER, SECTION 32; PW4 - 377 FEET NORTH AND 173 FEET EAST FROM W1/4 CORNER, SECTION 32; WELL 1 - 641 FEET SOUTH AND 69 FEET WEST, WELL 2 - 632 FEET SOUTH AND 254 FEET WEST BOTH FROM W1/16 CORNER, BETWEEN SECTION 5 AND 32; WELL 3 - 61 FEET SOUTH AND 303 FEET WEST FROM NW1/16 CORNER, SECTION 5

- 5 The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year.

*Per. Amend.
T-2801A Per. Amend.*

Application G-13577 Water Resources Department

PERMIT G-13498

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SALEM, OREGON

THE PLACE OF USE IS LOCATED AS FOLLOWS:

6

	<u>IRRIGATION*</u>	<u>SUPPLEMENTAL IRRIGATION</u>	<u>COMMERCIAL</u>
NE 1/4 SW 1/4	39.1 ACRES		
NW 1/4 SW 1/4	40.0 ACRES		
SW 1/4 SW 1/4	40.0 ACRES		
SE 1/4 SW 1/4	38.4 ACRES		X
NW 1/4 SE 1/4	40.0 ACRES		
SW 1/4 SE 1/4	40.0 ACRES		
SECTION 29			
NE 1/4 SE 1/4	12.0 ACRES		
SE 1/4 SE 1/4	18.0 ACRES		
SECTION 30			
NE 1/4 NE 1/4	27.1 ACRES		
SE 1/4 NE 1/4	33.6 ACRES		
NE 1/4 SE 1/4	45.8 ACRES		
SE 1/4 SE 1/4	12.5 ACRES		
SECTION 31			
NW 1/4 NE 1/4	40.0 ACRES		
NE 1/4 NW 1/4	34.8 ACRES		X
NW 1/4 NW 1/4	40.0 ACRES		
SW 1/4 NW 1/4	40.0 ACRES		
SE 1/4 NW 1/4	21.5 ACRES		X
NE 1/4 SW 1/4	22.3 ACRES		X
NW 1/4 SW 1/4	36.8 ACRES		X
SW 1/4 SW 1/4	5.0 ACRES		X
SE 1/4 SW 1/4	33.6 ACRES		X
NW 1/4 SE 1/4	0.5 ACRE		X
SW 1/4 SE 1/4	36.1 ACRES		
SE 1/4 SE 1/4	40.0 ACRES		
SECTION 32			
TOWNSHIP 27 SOUTH, RANGE 14 WEST, W.M.			
NE 1/4 NE 1/4	29.4 ACRES		
NW 1/4 NE 1/4	28.11 ACRES	0.29 ACRE	
SW 1/4 NE 1/4	39.85 ACRES	0.15 ACRE	
SE 1/4 NE 1/4	35.42 ACRES	0.38 ACRE	
NE 1/4 NW 1/4	19.3 ACRES		
NW 1/4 NW 1/4	6.5 ACRES		
SW 1/4 NW 1/4	10.8 ACRES		
SE 1/4 NW 1/4	32.1 ACRES		
NE 1/4 SW 1/4	21.8 ACRES		
NW 1/4 SW 1/4	9.0 ACRES		
SW 1/4 SW 1/4	10.0 ACRES		
SE 1/4 SW 1/4	17.0 ACRES		
NE 1/4 SE 1/4	9.3 ACRES		
NW 1/4 SE 1/4	18.0 ACRES		
SECTION 5			
NW 1/4 NE 1/4			X
NE 1/4 NW 1/4			X
SECTION 8			
TOWNSHIP 28 SOUTH, RANGE 14 WEST, W.M.			

Application G-13577 Water Resources Department

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*Use of water for irrigation under this permit is limited to a development of a maximum of 500.0 acres of the potential 1024.5 acres identified in the description of the Place of Use above.

Measurement, recording and reporting conditions:

7 A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

8 B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

9 Production well locations shall be limited to the areas identified as "Alternative Well Placement Areas" in EGR and Associates document of May 27, 1997.

10 With the exception of the existing Schuman well (Coos 330), all wells used for water supply under this permit shall be constructed in a manner to case and seal off all water to a minimum depth of 80 feet below land surface.

Any future well drilling shall be coordinated with the Department for well location, well construction and the driller's collection of geologic samples.

11 If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

12 The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within 60 days of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include: 1) a 5 year program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells; 2) measure specific conductance of

Application G-13577 Water Resources Department

PERMIT G-13498

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SALEM, OREGON

groundwater; 3) collect and report water use data; 4) outline a mitigation plan to address future groundwater interference with surface water and salt water encroachment. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 10 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 10-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Application G-13577 Water Resources Department

PERMIT G-13498

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Actual construction of the well shall begin by May 28, 1999. Complete application of water to the use shall be made on or before October 1, 2002. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued October 7, 1998

Martha O. Pagel for

Martha O. Pagel, Director
Water Resources Department

Application G-13577 Water Resources Department
Basin 17 Volume 7 BASIN 15 MISC
LKS MGMT.CODES 3BW 7AG 7AR 7BG 7BR

PERMIT G-13498
District 19

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APPENDIX C

WELL LOGS

L69436

L74686

L75799 (replacement well for L25195)

L91192 (replacement well for Coos 330)

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SALEM, OREGON

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COOS 53004

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

SEP 24 2004

WATER RESOURCES DEPT

SALEM, OREGON

NOV 16 2004

WELL ID. # L 69436

START CARD # 164012

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER

Name Bandon Duncas Well Number 998 (9)
Address 57744 Round Lake Dr
City Bandon State OR Zip 97411

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 199'6"
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE		SEAL					
Diameter	From	To	Material	From	To	Sacks or pounds	
23"	0	80	Cement	0	80	635X	
17 1/2"	73	200	Cement	50	135	665X	

How was seal placed: Method ☒ A ☐ B ☒ C ☐ D ☐ E
☐ Other 0-80 A 50-135 C

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 135 ft. to 200 ft. Size of gravel 8/12

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	18"	+1'6"	73	250	☒	☐	☒	☐
	10"	+1	166	1250	☐	☐	☒	☐
	10"	194'6"	199'6"	250	☐	☐	☒	☐
Liner:	(Tas) Pipe				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Slot		Tele/pipe			
From	To	size	Number	Diameter	size	Casing	Liner
166	194'6"	.050		10"	Pipe	☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time	Flowing	Artesian
500	—	185	1 hr.	☒ Pump	☐ Bailer
194.6	40'	170'	72 hr	☒ Air	☐ Artesian

Temperature of water 54° Depth Artesian Flow Found _____

Was a water analysis done? ☒ Yes By whom BWS

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata: _____

Bandon Well & Pump Company

(9) LOCATION OF WELL by legal description:

County Coos Latitude _____ Longitude _____
Township 28 N or S Range 14 E or W W.M.
Section 05 SW 1/4 NE 1/4
Tax Lot 400 Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) WEND OF RANDOLPH S
TO NEW LAKE, Bandon Duncas

(10) STATIC WATER LEVEL:

59'6" ft. below land surface. Date 9/17/04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 5'

From	To	Estimated Flow Rate	SWL
5'	68	+1-50	4'
113	129	+1-100	?
151	192	+1-500	59'6"

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Sandy Clay w/wood	0	2	
Sand Fine brn w/wood	2	15	5'
Peat w/Sand Fine Tan	15	17	
Sand Fine Gray w/wood	17	37	
Peat w/wood	37	44	
Peat w/Sand Fine gray	44	48	
Wood w/sand F-M Gray	48	54	
Sand Fine-med Gray	54	68	
Sandy Clay w/sand F-gray	68	79	
Peat w/wood + sand F-gray	79	86	
Sand w/peat + wood	86	89	
Sandy Clay Gray			
Sandy Clay Gray w/wood	89	113	
+5' shell			
Gravel Fine w/sand F-M Gray	113	127	?
Gravel F-M w/sand F-Gray	127	129	
Gravel F-M w/Sandy Clay Gray	129	130	
Sandy Clay Gray	130	135	
Cont + used on Pg #2			

Date started 8/25/04 Completed 9/15/04

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

Signed John Mack WWC Number 1493 Date 9/21/04

ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

RECEIVED COOS 53004

000950004

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

SEP 24 2004

WATER RESOURCES DEPT
SALEM, OREGONWELL I.D. # L 69436
START CARD # 164012

28-14-05

(1) LAND OWNER

Name Bandon Dunes Well Number 998 (9)
Address 57744 RAND LAK Dr.
City Bandon State OR Zip 97411

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ft.

Explosives used ☐ Yes ☐ No Type Amount

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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

☐ Other

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☐ Air ☐ Flowing
Yield gal/min Drawdown Drill stem at Time

				1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

Bandon Well & Pump Company

(9) LOCATION OF WELL by legal description:

County Coos Latitude Longitude
Township 28 N or S Range 14 E or W W.M.
Section 05 SW 1/4 NE 1/4
Tax Lot 400 Lot Block Subdivision

Street Address of Well (or nearest address) WEND OF RANDOLPH S
TO NEWLAKE, Bandon Dunes

(10) STATIC WATER LEVEL:

 ft. below land surface. Date
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Sandy Clay Gray w/ gravel Fine - med	135	151	
Gravel F-m w/ Sand F-C gray	151	154	596
Gravel F-C w/ sandy clay	154	164	
Gray + wood (minor fluid loss)			
Gravel F-C w/ Sand F-C	164	173	
Gray (more fluid loss)			
Gravel F-m w/ sand F-C gray	173	181	
Gravel F-C w/ sand F-C	181	192	
Gray (more fluid loss)			
Sandy Clay Gray w/ gravel	192	198	
F-m + wood			
Sandy Clay Gray w/ Gravel	198	200	
F-m + Shell			

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NOV 16 2004

WATER RESOURCES DEPT
SALEM, OREGON

Date started 8/25/04 Completed 9/15/04

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1485

Signed Jim Mack & Mawc Date 9/21/04

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WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER

Name Bendon DunesWell Number 968Address 57144 ROUND LAKE DR.City BendonState ORZip 97444

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 263'10"Explosives used ☐ Yes ☒ No Type TOC Amount TOC

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
24"	0	30	Cement	0	101	915x
22"	30	101	Cement	73	192	865x
176"	101	260	Cement			

How was seal placed: Method ☒ A ☐ B ☒ C ☐ D ☐ E☐ Other Q-101 A 73-192 CBackfill placed from 192 ft. to 260 ft. Material 3/8x6 to 1/2" GravelGravel placed from 192 ft. to 260 ft. Size of gravel 3/8x6 to 1/2" Gravel

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 17 1/2"	0	101	250	☒	☐	☒	☐
10"	101	258	250	☐	☒	☐	☐
10"	258	263	10	☐	☒	☐	☐
(Tail Pipe)				☐	☐	☐	☐
Liner:				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method Attached to Casing☒ Screens Type Jolson V-w Material 55

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
22 1/4"	255'10"	100		10"PS	Pipe	☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump	☐ Bailer	☐ Air	Flowing
Yield gal/min	Drawdown	Drill stem at	Time
390	75	188	1 hr.
5.2 gal/ft of DD			

Temperature of water 54° Depth Artesian Flow FoundWas a water analysis done? ☐ Yes By whom RECEIVEDDid any strata contain water not suitable for intended use? ☐ Too little☐ Salty ☐ Muddy ☐ Oily ☐ Colored JUL 21 2005Depth of strata: RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGONORIGINAL - WATER RESOURCES DEPT
WATER RESOURCES DEPT
SALEM, OREGON

FIRST COPY - CONSTRUCTOR

SECOND COPY - CUSTOMER

WELL I.D. #L 74686START CARD # 147930

(9) LOCATION OF WELL by legal description:

County COOS Latitude 28 Longitude 114Township 28 N or S Range 14 E or W, WM.Section 05 SE 1/4 NW 1/4Tax Lot 400 Lot 14 Block 14 SubdivisionStreet Address of Well (or nearest address) Wend of Randolph StNEW LAKE, BENDON DUNES

(10) STATIC WATER LEVEL:

70' ft. below land surface. Date 7/11/05Artesian pressure 2' lb. per square inch Date

(11) WATER BEARING ZONES:

Depth at which water was first found 2'

From	To	Estimated Flow Rate	SWL
2	83	30	2'
108	123	+1-100	?
184	190	+1-100	70'
195	208	+1-100	70
229	255	+1-800	70"

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Fill	0	2	
Sand Fine Brown	2	12	2'
Wood/ Sand F-m Brown	12	14	
Sand F-m Brn w/wood	14	24	
Sand F-m Gray brown	24	40	
Wood w/peat + Sand gray brn	40	45	
Peat	45	47	
Sand F-m w/Peat + wood	47	63	
Peat w/wood + Sand Fine-	63	65	
medium Gray brown			
Sand F-m gray brn w/Peat	65	68	
Sand Fine-Med Gray brn	68	83	
Sandy Clay Gray	83	97	
Sandy Clay Gray w/Shell	97	105	
Silty Clay Gray	105	108	
Gravel Fine-Med Colored	108	112	?
Gravel med-Ces - Fine	112	12.3	1
Green Colored			

Continued on pg #2

Date started 4/22/04 Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed Chris Kasey WWC Number 1759 Date 7/16/05

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

Signed Jim Mack & Mike WWC Number 1493 Date 7/16/05

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number 968
 Name Brandon Deans
 Address 57744 Round Lake Dr.
 City Brandon State OR Zip 97411

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

 Special Construction approval ☐ Yes ☐ No Depth of Completed Well _____ ft.
 Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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

 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

 Drive Shoe used ☐ Inside ☐ Outside ☐ None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material	
		Type			
From	To	Slot size	Number	Diameter	Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

		Flowing	
		Artesian	
Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Point _____

 Was a water analysis done? ☐ Yes By whom _____

 Did any strata contain water not suitable for intended use? ☐ Yes ☐ No

☐ Salty ☐ Foul ☐ Odor ☐ Color ☐ Other

Depth of strata: _____

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JUL 21 2005

 WATER RESOURCES DEPT
 SALEM, OREGON

MAY 28 2009

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 WATER RESOURCES DEPT
 SALEM, OREGON

 WELL I.D. # L 74686
 START CARD # 147930

(9) LOCATION OF WELL by legal description:

 County Coos Latitude _____ Longitude _____
 Township 28 N or S Range 14 E or W WM.
 Section 05 SE 1/4 NW 1/4
 Tax Lot 400 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) W End of Randolph St. To New Lake, Brandon Deans

(10) STATIC WATER LEVEL:

 _____ ft. below land surface. Date _____
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Material	From	To	SWL
Sandy Clay Gray	123	137	
Soft Sandstone + Sandy Clay Green	137	147	
Gravel CRS - Fine green gray	147	149	
Sandy Clay Green Gray	149	166	
Gravel CRS - Fine Green Gray	166	167	
Sandy Clay green w/ Gravel	167	178	
Sandy Clay green gray	178	184	
Gravel M-C-F green gray	184	190	70'
Sandy Clay Gray	190	195	
Gravel M-F green gray	195	208	70'
Sandy Clay Gray	208	218	
Sandy Clay Gray w/ wood	218	229	
Gravel M-F green w/ wood	229	239	70'
Gravel M-C-F w/ shell & wood	239	250	
Gravel CRS - Fine w/ shell	250	255	
Sandstone gray Hard	255	260	

 Date started 4/22/04 Completed 7/11/05

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

 Signed Jim Mack WWC Number 1493 Date 7/18/05

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

OCT 14 2005

WELL I.D. # L 75799

WATER RESOURCES DEPT START CARD # 173866
SALEM, OREGON

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER

Well Number 1089
Name Bandon Dunes
Address 57744 BOUND LAKE DRIVE
City Bandon State OR Zip 97411

(2) TYPE OF WORK

☒ New Well
☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion

(3) DRILL METHOD

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Other

(4) PROPOSED USE

☐ Domestic ☒ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other(5) BORE HOLE CONSTRUCTION Special Construction: ☐ Yes ☒ No

Depth of Completed Well 124'6" ft. TDC

Explosives used: ☐ Yes ☒ No Type Amount

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
17 1/2"	0	125	Cement	40	88	395X
			Bentonite	0	40	Bento 56X

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E☒ Other C - Cement Bentonite Poured from surface

Backfill placed from ft. to ft. Material

Gravel placed from 88 ft. to 124 ft. Size of gravel 8/12-6/9

(6) CASING/LINER

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	10"	119'6"	109'6"	5/8 40	☐	☒	☒	☐
	10"	119'6"	124'6"	5/8 40	☐	☒	☐	☐
	(Tail Pipe)				☐	☐	☐	☐
Liner:	14"	11'	4'	1250	☒	☐	☐	☐
	(Protective Casing)				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None

Final location of shoe(s)

(7) PERFORATIONS/SCREENS

☐ Perforations Method Attached To Casing
☒ Screens Type Johnson V-wire Material SS

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
109'6"	119'6"	060		10"	Pipe	☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100		124	

Temperature of water 53° Depth Artesian Flow Found

Was a water analysis done? ☒ Yes By whom BWP

Did any strata contain water not suitable for intended use?

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL (legal description)

County COOS
Tax Lot 100/100 Lot
Township 28 N or S Range 14 E or W WM
Section 05 NW 1/4 NW 1/4Lat " ' " or (degrees or decimal)
Long " ' " or (degrees or decimal)Street Address of Well (or nearest address) Bound Lake Drive
Bandon

(10) STATIC WATER LEVEL

61' ft. below land surface. Date 10/11/05

ft. below land surface. Date

Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES

Depth at which water was first found 26'

From	To	Estimated Flow Rate	SWL
26	56	+1-20	26
108	118	+1-100	61'

(12) WELL LOG

Ground Elevation +1-100'

Material	From	To	SWL
Sand F Brown	0	3	
Peat	3	5	
Sand Fine brown	5	11	
Peat w/ sand F brown	11	12	
Sand Fine brown	12	24	
Sandy Clay w/ Peat + Sand bra	24	26	
Sand Fine brown	26	56	26
Peat w/ wood + gravel Fine	56	58	
Sandy Clay blue green	58	65	
Sandy Clay green gray w/ gravel	65	69	
Sandy Clay brown w/ gravel	69	76	
Sandy Clay green gray	76	83	
Sandy Clay brown w/ gravel	83	108	
Gravel (F w/ Sand C gray) 108	108	118	61
Sandy Clay Gray	118	124	

Date Started 10/4/05 Completed 10/11/05

(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.

WWC 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.

WWC Number 1493 Date 10/12/05

Signed Jim Mach L. M GWC

Bandon Well & Pump Company

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

07-18-2008

WELL LABEL # L 91192

START CARD # 123873

(1) LAND OWNER

Owner Well I.D. 1265 (Shuman)

First Name Michael

Last Name Keiser

Company Bandon Dunes

Address 57744 Round Lake Drive

City Bandon

State OR

Zip 97411

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion☐ Alteration (repair/recondition) ☐ Abandonment

(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 70.33 ft.

BORE HOLE			SEAL			sacks/
Dia	From	To	Material	From	To	lbs
15	0	71	Bentonite	0	30	30 S
6	71	78	Cement	72	78	1 S

How was seal placed:

Method ☐ A ☐ B ☐ C ☐ D ☐ E☒ Other Pour from surface

Backfill placed from ft. to ft. Material

Filter pack from 30 ft. to 71 ft. Material Sand Size 6/9 8/12

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
☒	☐	10	☒	1	51.33	sch40	☐	☒	☒	☐
☐	☐	10	☐	66.33	70.33	sch40	☐	☒	☒	☐
☐	☐	13.5	☒	1.5	4	.250	☐	☐	☐	☐
☐	☐		☐				☐	☐	☐	☐

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 S S

Perf/S	Casing/	Screen	Dia	From	To	Sem/slot	Slot	# of	Tele/
creen	Liner					width	length	slots	pipe size
Screen			10	51.33	60.33	.031			10
Screen			10	60.33	66.33	.075			10

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
122	16.2	66	72

Temperature 54 °F Lab analysis ☐ Yes ByWater quality concerns? ☐ Yes (describe below)

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 29 NW 1/4 of the SE 1/4 Tax Lot 1300

Tax Map Number

Lot

Lat ° ' " or DMS or DD

Long ° ' " or DMS or DD

☒ Street address of well ☐ Nearest address

57744 Round Lake Drive

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Predeepening			
Completed Well	07-09-2008		33.6

Flowing Artesian? ☐Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 33.58

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
07-03-2008	33.58	66	125		33.6

(11) WELL LOG

Ground Elevation 100

Material	From	To
Sandy clay brown	0	2
Cemented sand brown	2	3
Sand fine tan brown	3	23
Sandy clay white	23	24
Sand fine tan	24	37
Sand c-f w/gravel fine orange & sandy clay tan	37	39
Sand coarse-fine brown	39	52
Sand coarse-fine w/gravel fine brown	52	60
Gravel fine-medium w/sand coarse-fine gray brown	60	65
Gravel medium-fine w/ sand c-f gray & wood	65	66
Clay gray	66	68
Claystone gray	68	75
Sandstone gray	75	78

Date Started 05-01-2008 Completed 07-09-2008

(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 1759

Date 07-18-2008

Electronically Filed

Signed CHRISTOPHER L KERSEY (E-filed)

(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 07-18-2008

Electronically Filed

Signed JAMES A MACK SR (E-filed)

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

WATER RESOURCES DEPT
ORIGINAL WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

APPENDIX D

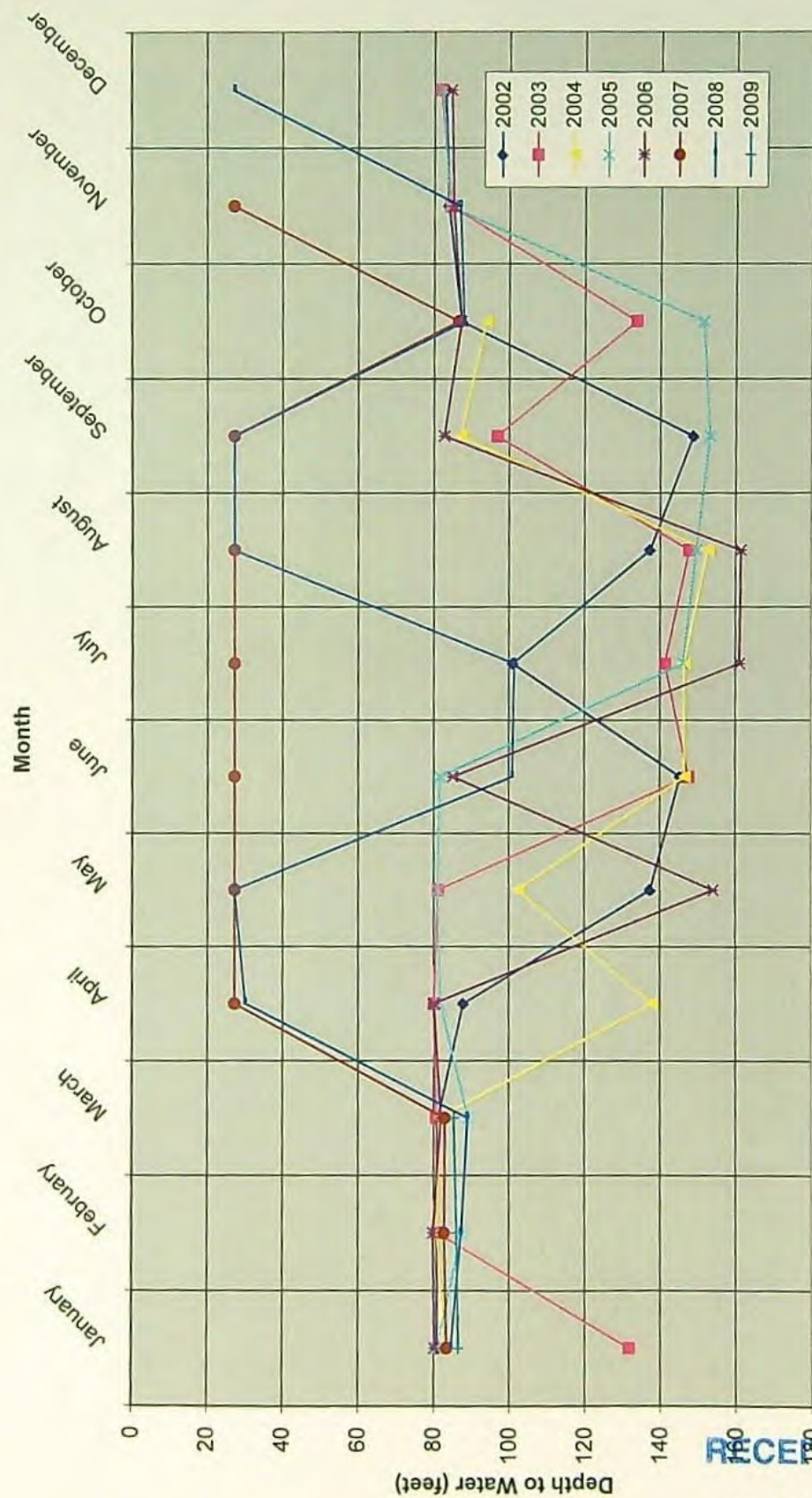
Groundwater Level Data Compiled by Bandon Dunes Staff

RECEIVED

MAY 28 2009

**WATER RESOURCES DEPT
SALEM, OREGON**

Well L10848

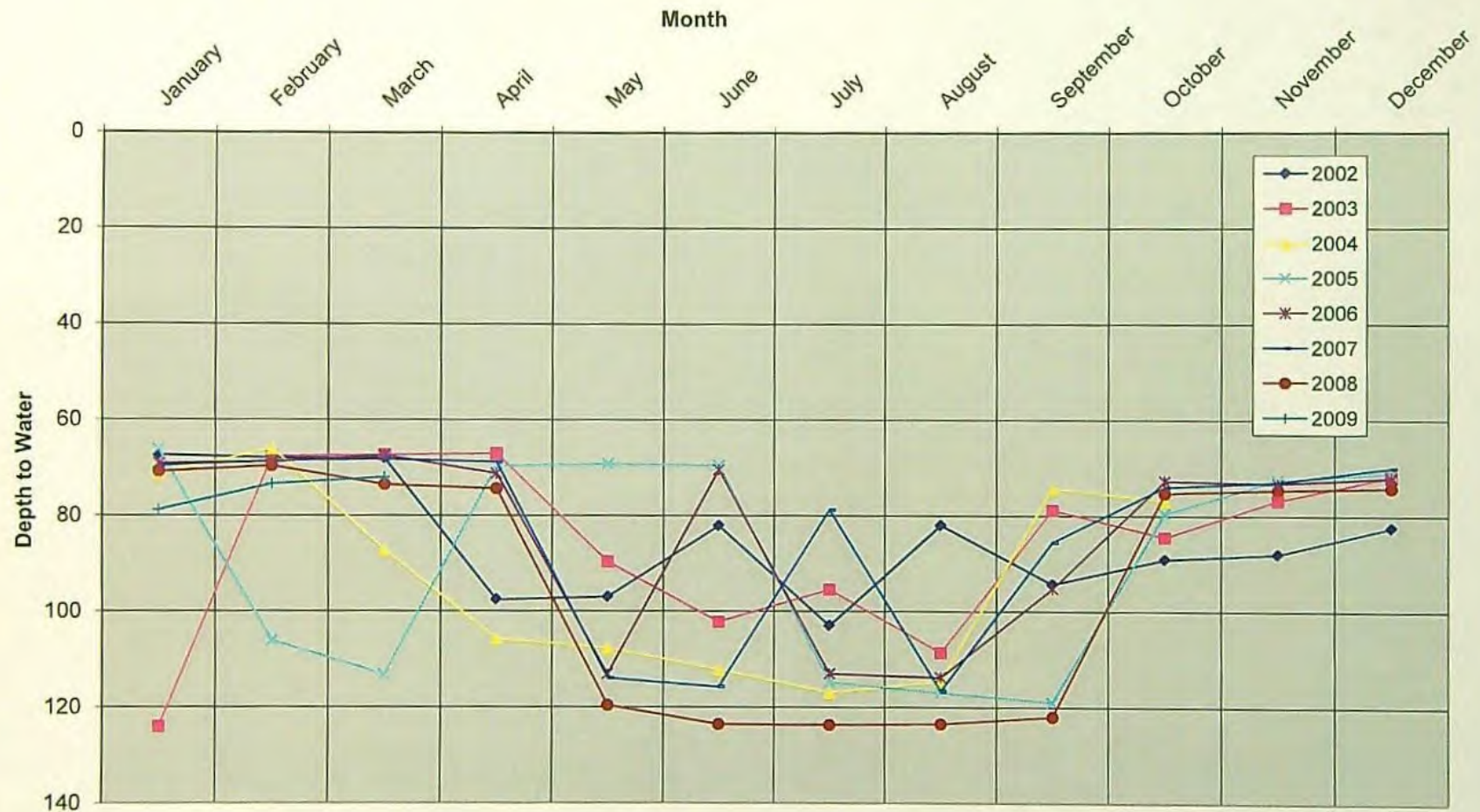


RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L18620

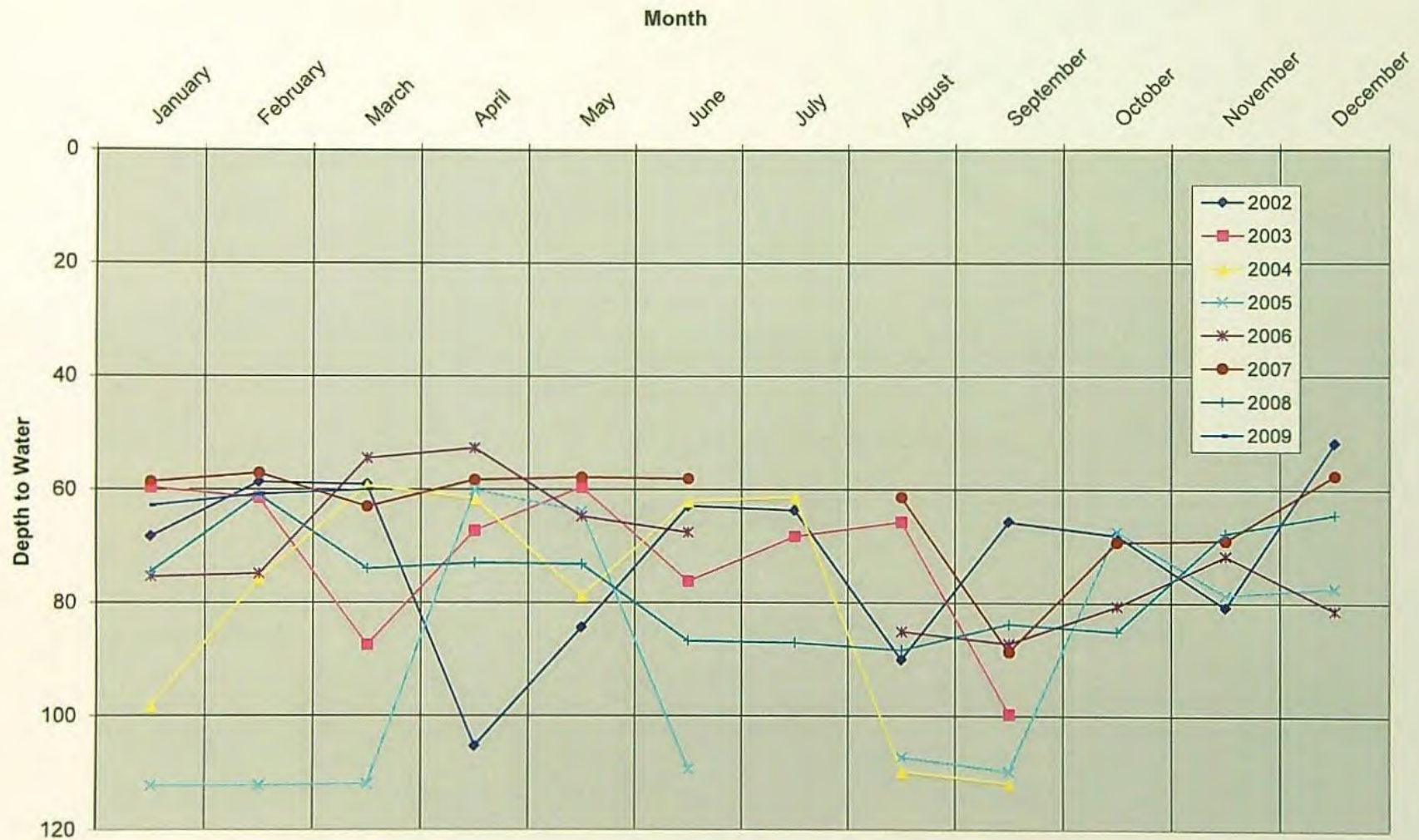


RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L25195

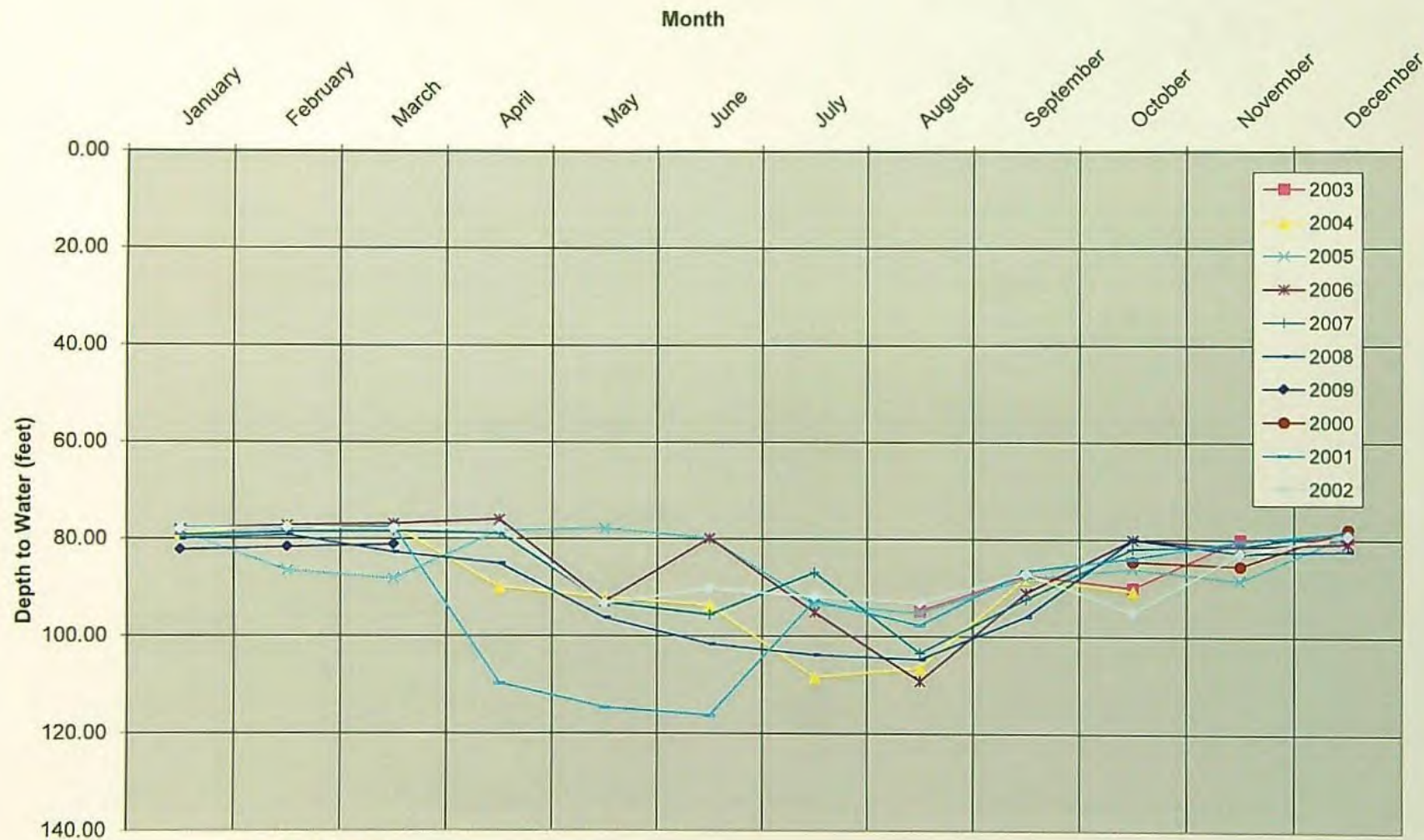


RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L34007

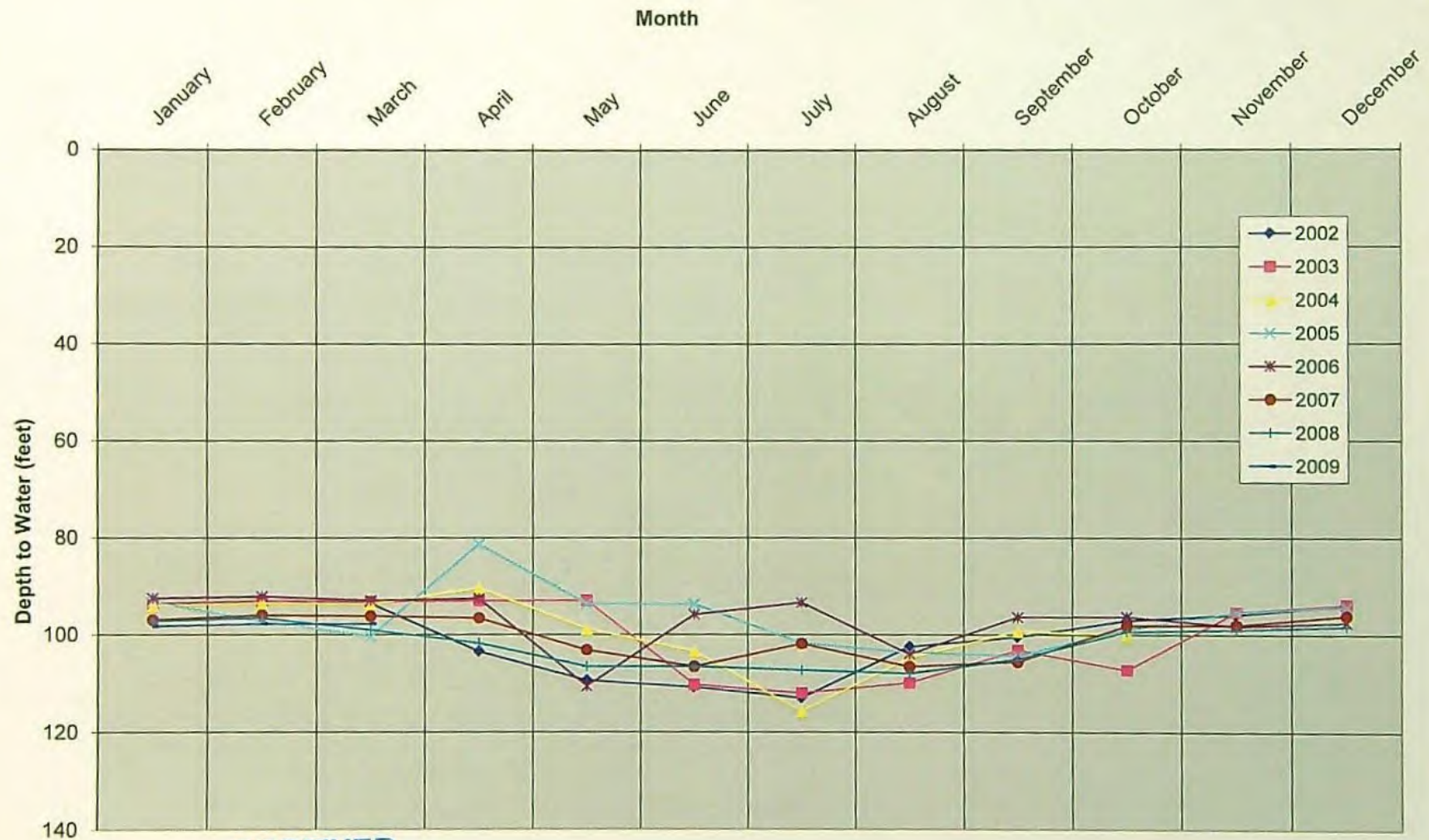


RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L34008

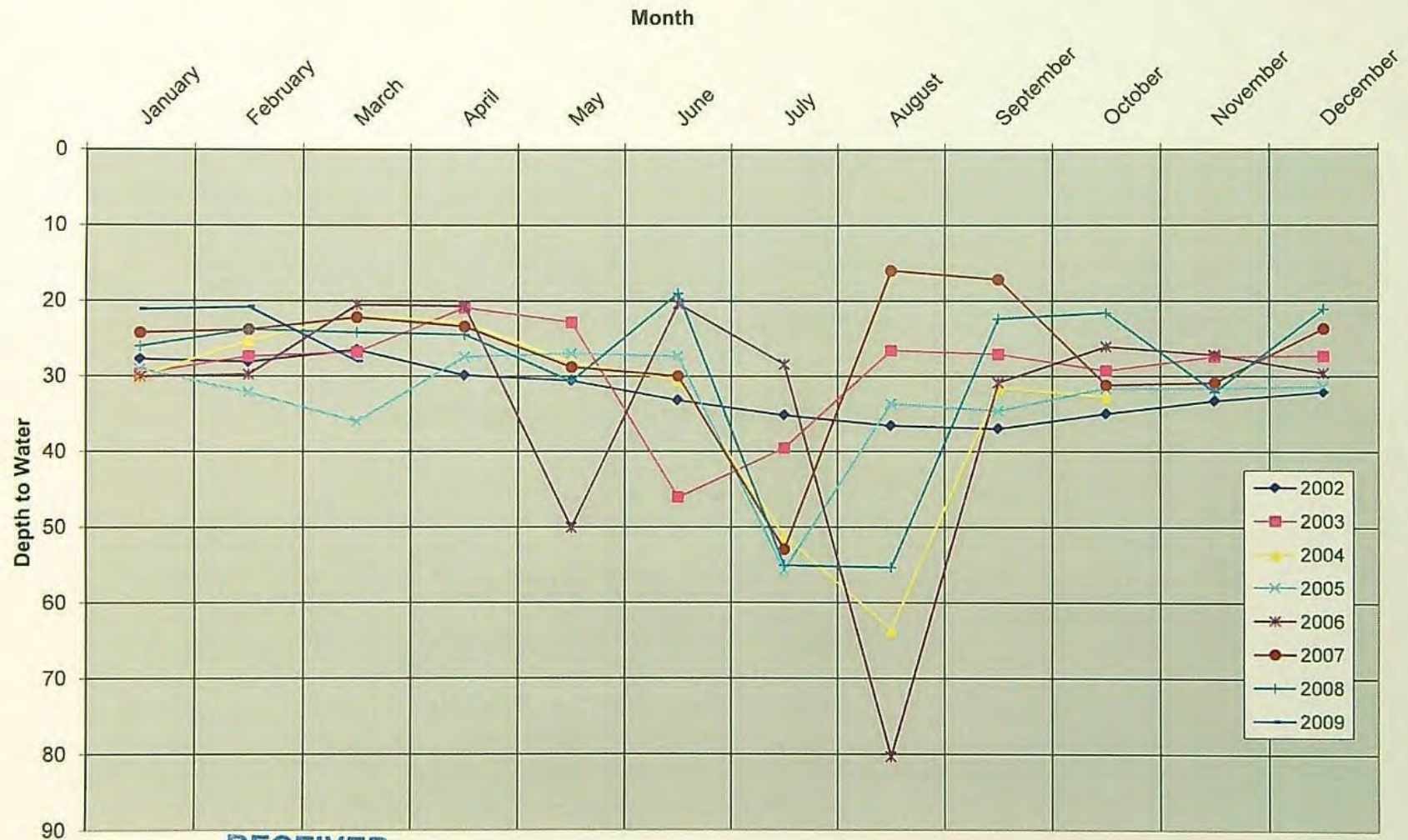


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MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L34018

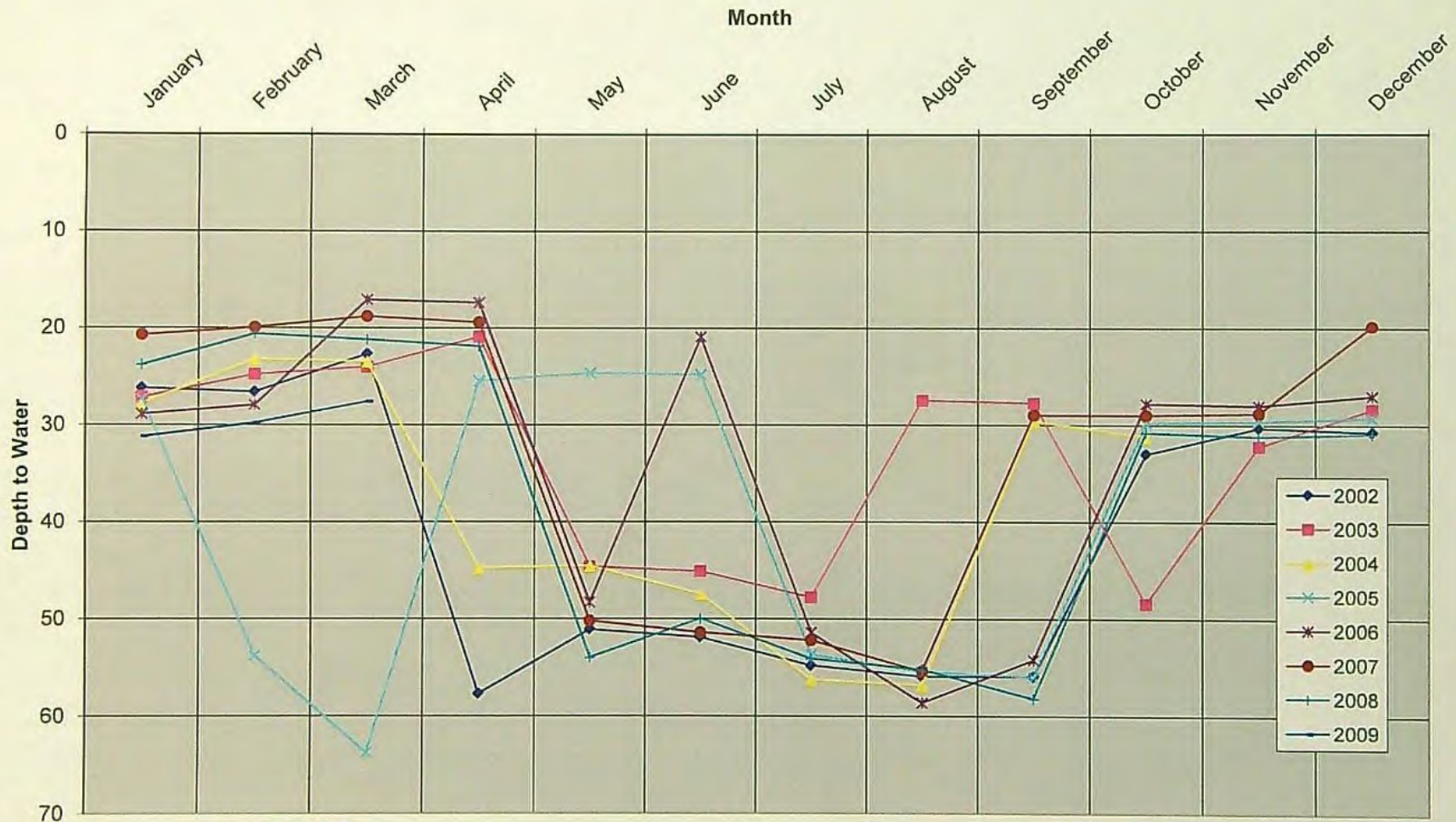


RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Well L34030



RECEIVED

MAY 28 2009

WATER RESOURCES DEPT
SALEM, OREGON

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13577

Final Order¹
Extension of Time for Permit Number G-13498

Application History

On OCTOBER 7, 2002, BANDON DUNES LIMITED PARTNERSHIP submitted an application to the Department for an extension of time for permit number G-13498. The Department issued permit number G-13498 on OCTOBER 7, 1998. The permit called for complete application of water to the full beneficial use by OCTOBER 1, 2002. In accordance with OAR 690-315-0050(2), on JULY 29, 2003, the Department issued a Proposed Final Order proposing to extend the time to fully apply water to beneficial use to OCTOBER 1, 2022. The protest period closed SEPTEMBER 12, 2003, in accordance with OAR 690-315-0060(1). No protest was filed.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.230, 537.248, 537.630, 539.010(5) and/or OAR 690-315-0040(2).

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to the following conditions:

CONDITIONS

In accordance with OAR 690-315-0050(6), the permittee must submit a written progress report to the Department by October 1, of the years 2008, 2013 and 2018. The report must be received by the Department not sooner than 90 days prior to the due date. The permittee's report must describe in detail the work done each year since the last extension was granted or the last progress report submitted. The report shall include:

- a) The amount of construction completed;
- b) The amount of beneficial use of water being made, including the total volume of water used, water used relative to the specific authorizations (types of use, acres irrigated, etc.) contained in the permit, and the percent of the total allowable water use that this represents;

¹

Appeal Rights

Under the provisions of ORS 536.075, the applicant may appeal this order by filing a petition for review in the Circuit Court for Marion County or the circuit court for the county in which the applicant resides or has a principal business office. The petition for review must be filed within 60 days after the date this order is served. ORS 183.484.

- c) A review of the permittee's compliance with terms and conditions of the permit and/or previous extension; and
- d) Financial investments made toward developing the beneficial water use. The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

Failure to submit a progress report by the due date above may jeopardize continued development under the permit.

The Department will take into consideration annual reports submitted under OAR Chapter 690, Division 86 or ORS 537.099, and any other report that demonstrates diligence.

Other reports, however, are not a substitute for the progress reports and anything submitted must clearly show that diligence towards perfecting the water right permit is being attempted.

If the Department finds that diligence is questionable, the Department may:

- a) request the permittee to submit additional information with which to evaluate diligence; or
- b) apply additional conditions and performance criteria for perfection of the right; or
- c) cancel the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410 to 537.450. The Department will grant the permittee a hearing on the cancellation, if one is requested.

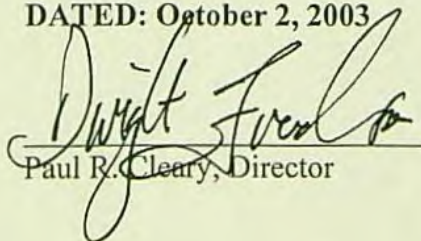
In determining whether the permittee has been diligent, the Department will consider any information submitted to the Department by the permittee and any information submitted during the 30-day public comment period following public notice of submittal of the progress report.

If information is received through the public notice process indicating that the applicant has not been diligent toward completing the project, and if the director determines there are significant disputes related to the use of water, the Department will conduct a hearing.

Order

The extension of time for Application Number G-13577, Permit Number G-13498, therefore, is approved. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2022.

DATED: October 2, 2003


Paul R. Cleary, Director

NOTE: *Include a copy of the "Important Notice" document along with the original copy of the Final Order being sent to the permit holder.*

Mailing List for Extension FO Copies

Application #G-13577

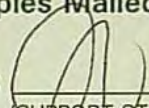
FO Date: October 2, 2003

Permit #G-13498

Original mailed to:

Applicant: Bandon Dunes Limited Partnership
 Attn: Howard McKee
 2130 Lincoln Park West
 Chicago, IL 60614

Copies Mailed

By: 
(SUPPORT STAFF)

on: 10/7
(DATE)

For Extension PFO's - Copies sent to:

1. WRD - Appl. File #G-13577 / Permit #G-13498
2. WRD - Watermaster District: #19 - Mitch Lewis, Coquille
3. WRD - Regional Manager: SWR - Grants Pass
4. WRD - Transfer Tech: Kelly Starnes, Salem
5. WRD - Jonnine Fuss, Salem...*Permit record update*

Other interested parties:

6. Bandon Dunes Limited Partnership
 Attn: Howard McKee
 57744 Round Lake Drive
 Bandon, OR 97411

CASEWORKER: LJJ



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

BANDON DUNES LIMITED PARTNERSHIP
C/O Stastnybrun Architects Inc.
Donald Stastny
2309 SW 1ST 1145
PORTLAND, OR 97201

REFERENCE: Application G-13577 / Permit G-13498

Dear Permit Holder:

The Water Right Services Division received your 2008 written progress report for Permit G-13498. Receipt of the progress report was published on the Department's weekly Public Notice, dated April 8, 2014. The Department did not receive any public comment on the progress report.

After reviewing your Progress Report, the Department determined that diligence toward completion of the project and compliance with the terms and conditions of the permit and extension has been demonstrated.

Your next written progress report for Permit G-13498 was due no later than **October 1, 2013**. The report must be received by the Department as soon as possible. You also have a future report that will be due by October 1, 2018.

For your convenience, I have enclosed your 2013 *Progress Report Form*.

As per your most recent extension, the date by which water must be applied to full beneficial use within the terms and conditions of your permit is October 1, 2022. ***Failure to submit a written progress report will most likely result in any future extensions being denied.***

If you have any questions, please feel free to contact me by telephone at (503) 986-0825.

Sincerely,

6-19-14

Steven Parrett
Adjudication and Extensions Specialist
Water Right Services Division

Enclosure

cc: Application G-13577
Watermaster District 19 - MITCH LEWIS

Route Slip.....Extension of Time Progress Report

1. Extension Specialist: Progress Report Review

Date Report was Due: 10/1/2008 (= "Deadline Date" for the corresponding ECP work flow record in WRIS)

Date Report Received: 5/29/2009

Report Complete: ☒ YES

☐ NO – Send letter requesting missing information.

☐ letter mailed on: _____

2. Support Staff: Publish on the Department's Public Notice

☒ 315 ☐ 320 OAR Division under which Progress Report was required

☒ Publish on Public Notice Date: 4-8-14

☒ Update workflow in WRIS

☐ (Fill in Extension Checkpoint 'Completed Date' in appropriate "ECP" work flow record and

☐ add record for Checkpoint Public Notice ("EPR" or "EP2")

☒ Return file to Steve Parrett.

3. Extension Specialist: Prepare Progress Report Confirmation Letter

See progress report procedures.doc

(date / mail out after 30 day comment period)

Date Confirmation Letter Needed: 5/12/2014

☒ Update Progress Report Worksheet.xls

6-19-14 ☒ Send to permit holder + anyone who made comments after 30 day public notice

CC: Watermaster Mitch Lewis

File G-13577

PUBLIC NOTICE INFORMATION

Permit Holder's Name: Bandon Dunes Limited Partnership Attn: Stastnybrun Architects Inc.

Application: G-13577

Permit: G-13498

County: Coos

Source: Six wells in the Cut Creek Basin

Use: Commercial Use, Domestic use serving 500 households, and irrigation and out-of-season irrigation of a total of 500.0 acres

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-10719, Coos County	)	APPROVING A CHANGE IN PLACE
	)	OF USE AND A CHANGE IN POINT
	)	OF APPROPRIATION

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
2130 Lincoln Park North
Chicago, IL 60614

Findings of Fact

Background

1. On October 28, 2008, Bandon Dunes Limited Partnership filed an application to change the place of use and to replace the New Schuman Well with Well L91192 under Permit G-13498. The Department assigned the application number T-10719.
2. On February 6, 2008, the applicant's agent, Ron Blegen of Golder Associates Inc., requested that Well 2007A be withdrawn from Permit G-13498.
3. The permit to be amended is as follows:

Permit:	G-13498 in the name of Bandon Dunes Limited Partnership
Use:	Commercial use, domestic use serving 500.0 households, and irrigation and out-of-season irrigation of a total of 500.0 acres
Priority Date:	December 17, 1993
Quantity:	3.55 cubic feet per second (cfs), being 0.46 cfs for domestic use for 500 households and commercial use and 3.09 for irrigation.
Rate/Duty:	The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for

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 137-004-080 and OAR 690-01-005 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.

out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year

Period of Use: March 1 through October 31 for irrigation use; November 1 through the month of February for out-of-season irrigation; year round for commercial use and domestic use for 500 households

Source: 16 wells, in the Cut Creek Basin

Authorized Points of Appropriation:

Township	Range	Meridian	Sec	¼ ¼	Measured Distances
27	S	14	W	W.M.	29 NE SW Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 SW SW Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SE New Schuman Well – 1549 feet North and 2756 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	32 NW NW PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S	14	W	W.M.	32 NW NW PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S	14	W	W.M.	32 SW NW PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S	14	W	W.M.	5 NW NW Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 SW NW Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28	S	14	W	W.M.	5 SW NW Well 2007A – 95 feet North and 715 feet East from the W¼ Corner of Section 5.
28	S	14	W	W.M.	5 NW SW Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well 2007B – Latitude: 43° 10' 07.0" North, Longitude: 124° 23' 32.3" West

Authorized Place of Use:

IRRIGATION							
Township		Range		Meridian	Sec	¼ ¼	Acres
27	S	14	W	W.M.	20	SE SW	13.20
27	S	14	W	W.M.	20	SW SE	4.72
27	S	14	W	W.M.	29	NW NE	19.97
27	S	14	W	W.M.	29	SW NE	28.00
27	S	14	W	W.M.	29	NE NW	40.00
27	S	14	W	W.M.	29	NW NW	22.40
27	S	14	W	W.M.	29	SW NW	40.00
27	S	14	W	W.M.	29	SE NW	33.90
27	S	14	W	W.M.	29	NE SW	20.40
27	S	14	W	W.M.	29	NW SW	40.00
27	S	14	W	W.M.	29	SW SW	40.00
27	S	14	W	W.M.	29	SE SW	31.30
27	S	14	W	W.M.	29	SW SE	36.70
27	S	14	W	W.M.	30	NE NE	2.50
27	S	14	W	W.M.	30	SE NE	8.35
27	S	14	W	W.M.	30	NE SE	13.10
27	S	14	W	W.M.	30	SE SE	18.00
27	S	14	W	W.M.	31	NE NE	27.10
27	S	14	W	W.M.	31	SE NE	34.10
27	S	14	W	W.M.	31	NE SE	49.20
27	S	14	W	W.M.	31	NW SE	0.40
27	S	14	W	W.M.	31	SW SE	0.40
27	S	14	W	W.M.	31	SE SE	17.60
27	S	14	W	W.M.	32	NW NE	40.00
27	S	14	W	W.M.	32	NE NW	34.80
27	S	14	W	W.M.	32	NW NW	40.00
27	S	14	W	W.M.	32	SW NW	40.00
27	S	14	W	W.M.	32	SE NW	21.50
27	S	14	W	W.M.	32	NE SW	22.30
27	S	14	W	W.M.	32	NW SW	36.80
27	S	14	W	W.M.	32	SW SW	23.70
27	S	14	W	W.M.	32	SE SW	19.05
27	S	14	W	W.M.	32	NW SE	0.50
27	S	14	W	W.M.	32	SW SE	32.67
27	S	14	W	W.M.	32	SE SE	5.20
28	S	14	W	W.M.	5	NE NE	8.45

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	23.46
28	S	14	W	W.M.	5	SW	NE	17.00
28	S	14	W	W.M.	5	NE	NW	30.00
28	S	14	W	W.M.	5	NW	NW	22.00
28	S	14	W	W.M.	5	SW	NW	9.25
28	S	14	W	W.M.	5	SE	NW	33.10
28	S	14	W	W.M.	5	NE	SW	17.56
28	S	14	W	W.M.	5	NW	SW	3.00
28	S	14	W	W.M.	5	SE	SW	2.00

SUPPLEMENTAL IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	0.29
28	S	14	W	W.M.	5	SW	NE	0.15
28	S	14	W	W.M.	5	SE	NE	0.38

COMMERCIAL								
Township		Range		Meridian	Sec	¼ ¼		
27	S	14	W	W.M.	29	SE	SW	
27	S	14	W	W.M.	32	NE	NW	
27	S	14	W	W.M.	32	SE	NW	
27	S	14	W	W.M.	32	NE	SW	
27	S	14	W	W.M.	32	NW	SW	
27	S	14	W	W.M.	32	SW	SW	
27	S	14	W	W.M.	32	SE	SW	
27	S	14	W	W.M.	32	NW	SE	
28	S	14	W	W.M.	8	NW	NE	
28	S	14	W	W.M.	8	NE	NW	

4. Permit Amendment Application T-10719 proposes to change the place of use of the permit to:

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	20	NE	SW	6.10
27	S	14	W	W.M.	20	SW	SW	10.80
27	S	14	W	W.M.	20	SE	SW	17.60
27	S	14	W	W.M.	20	NW	SE	1.00
27	S	14	W	W.M.	20	SW	SE	8.30
27	S	14	W	W.M.	29	NW	NW	13.66
27	S	14	W	W.M.	29	SW	NW	18.90
27	S	14	W	W.M.	29	SE	NW	6.10
27	S	14	W	W.M.	29	NE	SW	18.40
27	S	14	W	W.M.	29	NW	SW	33.40
27	S	14	W	W.M.	29	SW	SW	40.00
27	S	14	W	W.M.	29	SE	SW	31.30
27	S	14	W	W.M.	29	NW	SE	40.00
27	S	14	W	W.M.	29	SW	SE	4.30
27	S	14	W	W.M.	30	NE	NE	2.50
27	S	14	W	W.M.	30	SE	NE	8.35
27	S	14	W	W.M.	30	NE	SE	13.10
27	S	14	W	W.M.	30	SE	SE	18.00
27	S	14	W	W.M.	31	NE	NE	27.10
27	S	14	W	W.M.	31	SE	NE	34.10
27	S	14	W	W.M.	31	NE	SE	49.20
27	S	14	W	W.M.	31	NW	SE	0.40
27	S	14	W	W.M.	31	SW	SE	0.40
27	S	14	W	W.M.	31	SE	SE	17.60
27	S	14	W	W.M.	32	NW	NE	40.00
27	S	14	W	W.M.	32	NE	NW	34.80
27	S	14	W	W.M.	32	NW	NW	40.00
27	S	14	W	W.M.	32	SW	NW	40.00
27	S	14	W	W.M.	32	SE	NW	21.50
27	S	14	W	W.M.	32	NE	SW	22.30
27	S	14	W	W.M.	32	NW	SW	36.80
27	S	14	W	W.M.	32	SW	SW	23.70
27	S	14	W	W.M.	32	SE	SW	19.05
27	S	14	W	W.M.	32	NW	SE	0.50
27	S	14	W	W.M.	32	SW	SE	32.67

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
27	S	14	W	W.M.	32	SE	SE	5.20
28	S	14	W	W.M.	5	NE	NE	40.00
28	S	14	W	W.M.	5	NW	NE	40.00
28	S	14	W	W.M.	5	SW	NE	20.50
28	S	14	W	W.M.	5	NE	NW	30.00
28	S	14	W	W.M.	5	NW	NW	22.00
28	S	14	W	W.M.	5	SW	NW	1.50
28	S	14	W	W.M.	5	SE	NW	33.10
28	S	14	W	W.M.	5	NE	SW	17.56
28	S	14	W	W.M.	5	NW	SW	6.60
28	S	14	W	W.M.	5	SW	SW	2.00
28	S	14	W	W.M.	5	SE	SW	1.40

SUPPLEMENTAL IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼		Acres
28	S	14	W	W.M.	5	NW	NE	0.29
28	S	14	W	W.M.	5	SW	NE	0.15
28	S	14	W	W.M.	5	SE	NE	0.38

COMMERCIAL								
Township		Range		Meridian	Sec	¼ ¼		
27	S	14	W	W.M.	29	SE	SW	
27	S	14	W	W.M.	32	NE	NW	
27	S	14	W	W.M.	32	SE	NW	
27	S	14	W	W.M.	32	NE	SW	
27	S	14	W	W.M.	32	NW	SW	
27	S	14	W	W.M.	32	SW	SW	
27	S	14	W	W.M.	32	SE	SW	
27	S	14	W	W.M.	32	NW	SE	
28	S	14	W	W.M.	8	NW	NE	
28	S	14	W	W.M.	8	NE	NW	

The change place of use is in bold type.

5. The permittee has requested to remove Wells 2007A, 2007B, and the New Schuman Well (COOS 330) from Permit G-13498. Well L91192, located approximately 5 feet away from the New Schuman Well, will replace the New Schuman Well. The revised authorized points of appropriation are as follows:

Township	Range	Meridian	Sec	¼ ¼	Measured Distances
27	S	14	W	W.M.	29 NE SW Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SW Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 SW SW Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27	S	14	W	W.M.	29 NW SE Well L91192 – Latitude: 43°12'03" North, Longitude: 124°23'09" West
27	S	14	W	W.M.	32 NW NW PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27	S	14	W	W.M.	32 NW NW PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27	S	14	W	W.M.	32 SW NW PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28	S	14	W	W.M.	5 NW NW Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 NW NW Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28	S	14	W	W.M.	5 SW NW Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28	S	14	W	W.M.	5 NW SW Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28	S	14	W	W.M.	5 SW SW Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

6. Notice of the application for the permit amendment was published in the Department's weekly notice on December 2, 2008 pursuant to ORS 540.520(5). No comments were filed in response to the notice.

Permit Amendment Review Criteria

7. The changes would not result in injury to other water rights.

8. The proposed place of use is owned and/or controlled by the permit holder.
9. The changes do not enlarge the permit.
10. The changes do not alter any other terms of the permit.
11. The proposed place of use is contiguous to the authorized place of use.

Conclusions of Law

The change in place of use proposed by Permit Amendment Application T-10719 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

The change and subsequent use of water shall be subject to the following conditions:

1. The former place of use shall no longer be irrigated as part of this permit.
2. The quantity of water diverted at the new point of appropriation (Well L91192) shall not exceed the quantity of water lawfully available at the original point of appropriation (New Schuman Well (COOS 330)).
3. Water shall be acquired from the same aquifer as the original point of appropriation (New Schuman Well (COOS 330)).
4. All other terms and conditions of Permit G-13498 remain the same.
5. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

Dated at Salem, Oregon this 21st day of January, 2009.



Phillip C. Ward,
Director

Ar

Mailing Date: JAN 22 2010

G-13577

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Permit Amendment)
T-11087, Coos County)
) **FINAL ORDER**
) APPROVING A CHANGE IN PLACE
) OF USE

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

Bandon Dunes Limited Partnership
C/O Donald J. Stastny
StastnyBrun Architects Inc.
1630 SW Morrison Suite 210
Portland OR 97205

Findings of Fact

Background

1. On June 8, 2010, Bandon Dunes Limited Partnership filed an application to change in place of use under Permit G-13498. The Department assigned the application number T-11087.
2. The permit to be amended is as follows:

Permit: G-13498, in the name of Bandon Dunes Limited Partnership (as previously amended by T-8861, Special Order Vol. 56, Page 907; T-9647, Special Order Vol. 59, Page 435; T-9782, Special Order Vol. 70, Page 285; T-10476, Special Order Vol. 74, Page 681; T-10719, Special Order Vol. 80, Page 59)

Use: Commercial use, domestic use serving 500 households, and irrigation and out-of-season irrigation of a total of 500.0 acres.

Priority Date: December 17, 1993

Quantity: 3.55 cubic feet per second (cfs); being 0.46 cfs for domestic use for 500 households and commercial use, and 3.09 cfs for irrigation.

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 137-004-080 and OAR 690-01-005 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.

Rate/Duty: The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year and 0.5 acre-foot for each acre irrigated for out-of-season irrigation. The total amount diverted shall not exceed 2.5 acre-feet for each acre irrigated each year.

Period of Use: March 1 through October 31 for irrigation use; November 1 through the month of February for out-of-season irrigation; year round for commercial use and domestic use for 500 households

Sources: Fourteen wells within the Cut Creek Basin

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
27 S	14 W	WM	29	NE SW	Well L34030 – 1674 feet North and 1451 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SW	Well L34008 – 1354 feet North and 646 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SW	Well L34018 – 2515 feet North and 1169 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	SW SW	Well L34007 – 325 feet North and 638 feet East from the NW Corner of Section 32, T 27 S, R 14 W, W.M.
27 S	14 W	WM	29	NW SE	Well L91192 – Latitude: 43°12'03" North, Longitude: 124°23'09" West
27 S	14 W	WM	32	NW NW	PW5 – 27 feet North and 382 feet West from the NW 1/16 Corner of Section 32.
27 S	14 W	WM	32	NW NW	PW6 – 733 feet South and 1130 feet East from the NW Corner of Section 32.
27 S	14 W	WM	32	SW NW	PW4 – 377 feet North and 173 feet East from the W¼ Corner of Section 32.
28 S	14 W	WM	5	NW NW	Well 1 – 641 feet South and 69 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	NW NW	Well 2 – 632 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	NW NW	Well L44790 – 432 feet South and 254 feet West from the W 1/16 Corner between Sections 5 and 32.
28 S	14 W	WM	5	SW NW	Well 3 – 61 feet South and 303 feet West from the NW 1/16 Corner of Section 5.
28 S	14 W	WM	5	NW SW	Well L69436 – South 232.30° West 5222.22 feet from the NE Corner of Section 5.
28 S	14 W	WM	5	SW SW	Well L74686 – South 230.04° West 5851.13 feet from the NE Corner of Section 5.

Authorized Place of Use:

COMMERCIAL				
Twp	Rng	Mer	Sec	Q-Q
27 S	14 W	WM	29	SE SW
27 S	14 W	WM	32	NE NW
27 S	14 W	WM	32	SE NW
27 S	14 W	WM	32	NE SW
27 S	14 W	WM	32	NW SW
27 S	14 W	WM	32	SW SW
27 S	14 W	WM	32	SE SW
27 S	14 W	WM	32	NW SE
28 S	14 W	WM	8	NW NE
28 S	14 W	WM	8	NE NW

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	20	NE SW	6.10
27 S	14 W	WM	20	SW SW	10.80
27 S	14 W	WM	20	SE SW	17.60
27 S	14 W	WM	20	NW SE	1.00
27 S	14 W	WM	20	SW SE	8.30
27 S	14 W	WM	29	NW NW	15.50
27 S	14 W	WM	29	SW NW	18.90
27 S	14 W	WM	29	SE NW	6.10
27 S	14 W	WM	29	NE SW	20.50
27 S	14 W	WM	29	NW SW	33.40
27 S	14 W	WM	29	SW SW	40.00
27 S	14 W	WM	29	SE SW	31.30
27 S	14 W	WM	29	NW SE	40.00
27 S	14 W	WM	29	SW SE	41.00
27 S	14 W	WM	30	NE NE	2.50
27 S	14 W	WM	30	SE NE	8.35
27 S	14 W	WM	30	NE SE	13.10
27 S	14 W	WM	30	SE SE	18.00
27 S	14 W	WM	31	NE NE	27.10
27 S	14 W	WM	31	SE NE	34.10
27 S	14 W	WM	31	NE SE	49.20
27 S	14 W	WM	31	NW SE	0.40
27 S	14 W	WM	31	SW SE	0.40
27 S	14 W	WM	31	SE SE	17.60
27 S	14 W	WM	32	NW NE	40.00
27 S	14 W	WM	32	NE NW	34.80
27 S	14 W	WM	32	NW NW	40.00
27 S	14 W	WM	32	SW NW	40.00
27 S	14 W	WM	32	SE NW	21.50
27 S	14 W	WM	32	NE SW	22.30
27 S	14 W	WM	32	NW SW	36.80
27 S	14 W	WM	32	SW SW	23.70
27 S	14 W	WM	32	SE SW	19.05
27 S	14 W	WM	32	NW SE	0.50
27 S	14 W	WM	32	SW SE	32.67

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	32	SE SE	5.20
28 S	14 W	WM	5	NE NE	40.00
28 S	14 W	WM	5	NW NE	40.00
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SW NE	37.50
28 S	14 W	WM	5	SE NE	0.38
28 S	14 W	WM	5	NE NW	30.00
28 S	14 W	WM	5	NW NW	22.00
28 S	14 W	WM	5	SW NW	10.75
28 S	14 W	WM	5	SE NW	33.10
28 S	14 W	WM	5	NE SW	17.56
28 S	14 W	WM	5	NW SW	9.60
28 S	14 W	WM	5	SW SW	2.00
28 S	14 W	WM	5	SE SW	3.40

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SE NE	0.38

3. Permit Amendment T-10719 mistakenly omitted acres in the description of the proposed irrigation acres. The description of the irrigation acres in Finding No. 4 contains the correct number of acres. The errors are described as follows:

IRRIGATION								
Township		Range		Meridian	Sec	¼ ¼	Acres as listed in T-10719 order	Correct Acres
27	S	14	W	W.M.	29	NW NW	13.66	15.50
27	S	14	W	W.M.	29	NE SW	18.40	20.50
27	S	14	W	W.M.	29	SW SE	4.30	41.00
28	S	14	W	W.M.	5	SW NE	20.50	37.50
28	S	14	W	W.M.	5	SW NW	1.50	10.75
28	S	14	W	W.M.	5	NW SW	6.60	9.60
28	S	14	W	W.M.	5	SE SW	1.40	3.40

4. Permit Amendment Application T-11087 proposes to change the place of use of the permit to:

COMMERCIAL USES				
Twp	Rng	Mer	Sec	Q-Q
27 S	14 W	WM	29	SE SW
27 S	14 W	WM	32	NE NW
27 S	14 W	WM	32	SE NW
27 S	14 W	WM	32	NE SW
27 S	14 W	WM	32	NW SW
27 S	14 W	WM	32	SW SW
27 S	14 W	WM	32	SE SW
27 S	14 W	WM	32	NW SE
28 S	14 W	WM	8	NW NE
28 S	14 W	WM	8	NE NW

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
27 S	14 W	WM	29	NW NW	5.90
27 S	14 W	WM	29	SW NW	18.90
27 S	14 W	WM	29	NE SW	20.50
27 S	14 W	WM	29	NW SW	33.40
27 S	14 W	WM	29	SW SW	40.00
27 S	14 W	WM	29	SE SW	31.30
27 S	14 W	WM	29	NW SE	40.00
27 S	14 W	WM	29	SW SE	41.00
27 S	14 W	WM	30	NE NE	2.50
27 S	14 W	WM	30	SE NE	8.35
27 S	14 W	WM	30	NE SE	13.10
27 S	14 W	WM	30	SE SE	18.00
27 S	14 W	WM	31	NE NE	27.10
27 S	14 W	WM	31	SE NE	34.10
27 S	14 W	WM	31	NE SE	49.20
27 S	14 W	WM	31	NW SE	0.40
27 S	14 W	WM	31	SW SE	0.40
27 S	14 W	WM	31	SE SE	33.70
27 S	14 W	WM	32	NW NE	40.00
27 S	14 W	WM	32	NE NW	34.80
27 S	14 W	WM	32	NW NW	40.00
27 S	14 W	WM	32	SW NW	40.00
27 S	14 W	WM	32	SE NW	21.50
27 S	14 W	WM	32	NE SW	22.90
27 S	14 W	WM	32	NW SW	41.90
27 S	14 W	WM	32	SW SW	36.10
27 S	14 W	WM	32	SE SW	30.15
27 S	14 W	WM	32	NW SE	0.50
27 S	14 W	WM	32	SW SE	32.67
27 S	14 W	WM	32	SE SE	5.20
28 S	14 W	WM	5	NE NE	40.00
28 S	14 W	WM	5	NW NE	40.00
28 S	14 W	WM	5	SW NE	37.50
28 S	14 W	WM	5	NE NW	30.00

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NW	36.20
28 S	14 W	WM	5	SW NW	10.75
28 S	14 W	WM	5	SE NW	33.10
28 S	14 W	WM	5	NE SW	17.56
28 S	14 W	WM	5	NW SW	9.60
28 S	14 W	WM	5	SW SW	2.00
28 S	14 W	WM	5	SE SW	3.40

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
28 S	14 W	WM	5	NW NE	0.29
28 S	14 W	WM	5	SW NE	0.15
28 S	14 W	WM	5	SE NE	0.38

The changed place of use is in bold type.

- Use of water for irrigation under this permit is limited to a development of a maximum of 500.00 acres of the potential 1024.5 acres identified in the description of the place of use above.
- Notice of the application for the permit amendment was published in the Department's weekly notice on June 15, 2010 pursuant to ORS 540.520(5). No comments were filed in response to the notice.

Permit Amendment Review Criteria

- The change would not result in injury to other water rights.
- The proposed place of use is owned and/or controlled by the permit holder.
- The change does not enlarge the permit.
- The change does not alter any other terms of the permit.
- The proposed place of use is contiguous to the authorized place of use.

Conclusions of Law

The change in place of use proposed by Permit Amendment Application T-11087 is consistent with the requirements of ORS 537.211.

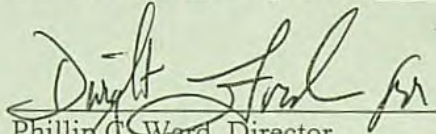
Now, therefore, it is **ORDERED**:

The change and subsequent use of water shall be subject to the following conditions:

- The former place of use shall no longer be irrigated as part of this permit.

2. All other terms and conditions of Permit G-13498 remain the same.
3. Permit G-13498, in the name of Bandon Dunes Limited Partnership, is amended as described herein.

Dated at Salem, Oregon this 11 day of August, 2010.


Phillip C. Ward, Director

Mailing Date: AUG 13 2010



BANDON
DUNES

g o l f r e s o r t

Warren Felton

57744 Round Lake Drive
Bandon, Oregon 97411

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes

OWRD wellid (well tag): L34030

T/R-S ABC#: 27s/14w-29ca

Pacific Dunes

ORWD logid: coos 51649

Surface csg diam: 10"

P = G-13498

PDD# 1/14

Report ID 63251

Water levels: Easy / OK / Difficult Hang-ups: Y/N at None

Tools needed: Channel locks measured through well access port in well seal

Measuring Points:

Date	ft+/-lsd	Description

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/30/2010	31.8		0	31.8 ✓	-1.1 ✓	30.7 ✓	T	S	RWW	81559800 ✓	
02/27/2010	30.4		0	30.4 ✓	-1.1 ✓	29.3 ✓	T	S	RWW	81559800 ✓	
03/27/2010	28.4		0	28.4 ✓	-1.1 ✓	27.3 ✓	T	S	RWW	83578100 ✓	
04/25/2010	26.3		0	26.3 ✓	-1.1 ✓	25.2 ✓	T	S	RWW	86036700 ✓	
05/29/2010	25		0	25 ✓	-1.1 ✓	23.9 ✓	T	S	RWW	86036700 ✓	
06/19/2010	55.4		0	55.4 ✓	-1.1 ✓	54.3 ✓	T	P	RWW	87468900 ✓	160
			0	0	-1.1	-1.1	T	S	WDF		
			0	0	-1.1	-1.1	T	S	WDF		
			0	0	-1.1	-1.1	T	S	WDF		
			0	0	-1.1	-1.1	T	S	WDF		
			0	0	-1.1	-1.1	T	S	WDF		
			0	0	-1.1	-1.1	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

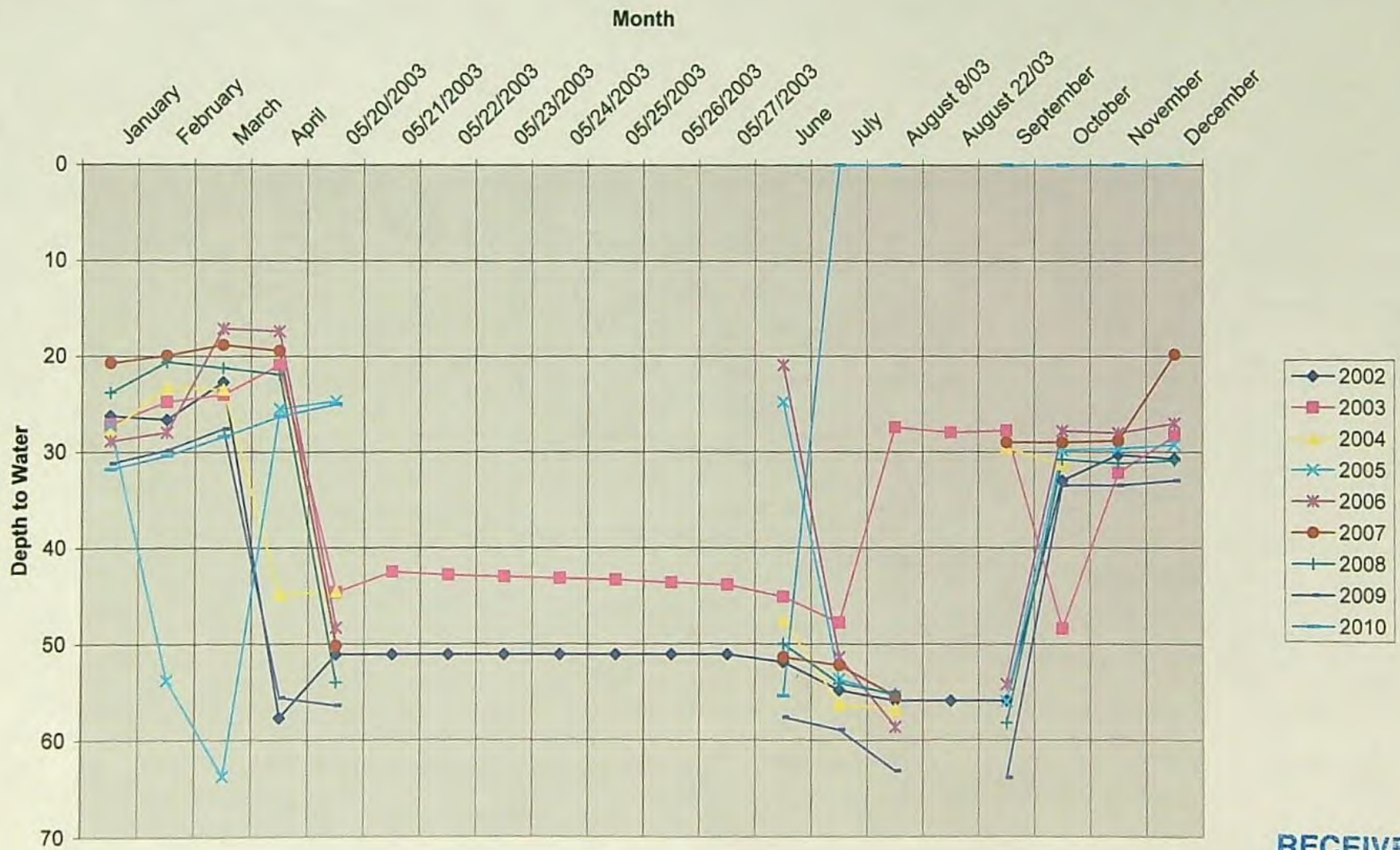
** S = Static, R = Recovering, P = Pumping (use one of these only)

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SALEM, OREGON

L34030



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes
Pacific Dunes

OWRD wellid (well tag): L34008

T/R-S ABC#: 27s/14w-29cb

ORWD logid: coos 51626

Surface csg diam: 8"

P = G - 13498

POD # 2/14

Report ID 63252

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

None

Tools needed: Measured through top of well seal

Measuring Points:

Date	ft+/-Isd	Description	L34008

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	98.4		0	98.4 ✓	-1.2 ✓	97.2 ✓	T	S	RWW	44532400 ✓	
✓ 02/27/2010	98		0	98 ✓	-1.2 ✓	96.8 ✓	T	S	RWW	44532400 ✓	
✓ 03/27/2010	98.1		0	98.1 ✓	-1.2 ✓	96.9 ✓	T	S	RWW	44532400 ✓	
✓ 04/25/2010	98.6		0	98.6 ✓	-1.2 ✓	97.4 ✓	T	S	RWW	44532400 ✓	
✓ 05/29/2010	97.6		0	97.6 ✓	-1.2 ✓	96.4 ✓	T	S	RWW	44532400 ✓	
✓ 06/19/2010	98.9		0	98.9 ✓	-1.2 ✓	97.7 ✓	T	S	RWW	44790900 ✓	
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		
			0	0	-1.2	-1.2	T	S	WDF		

Comments

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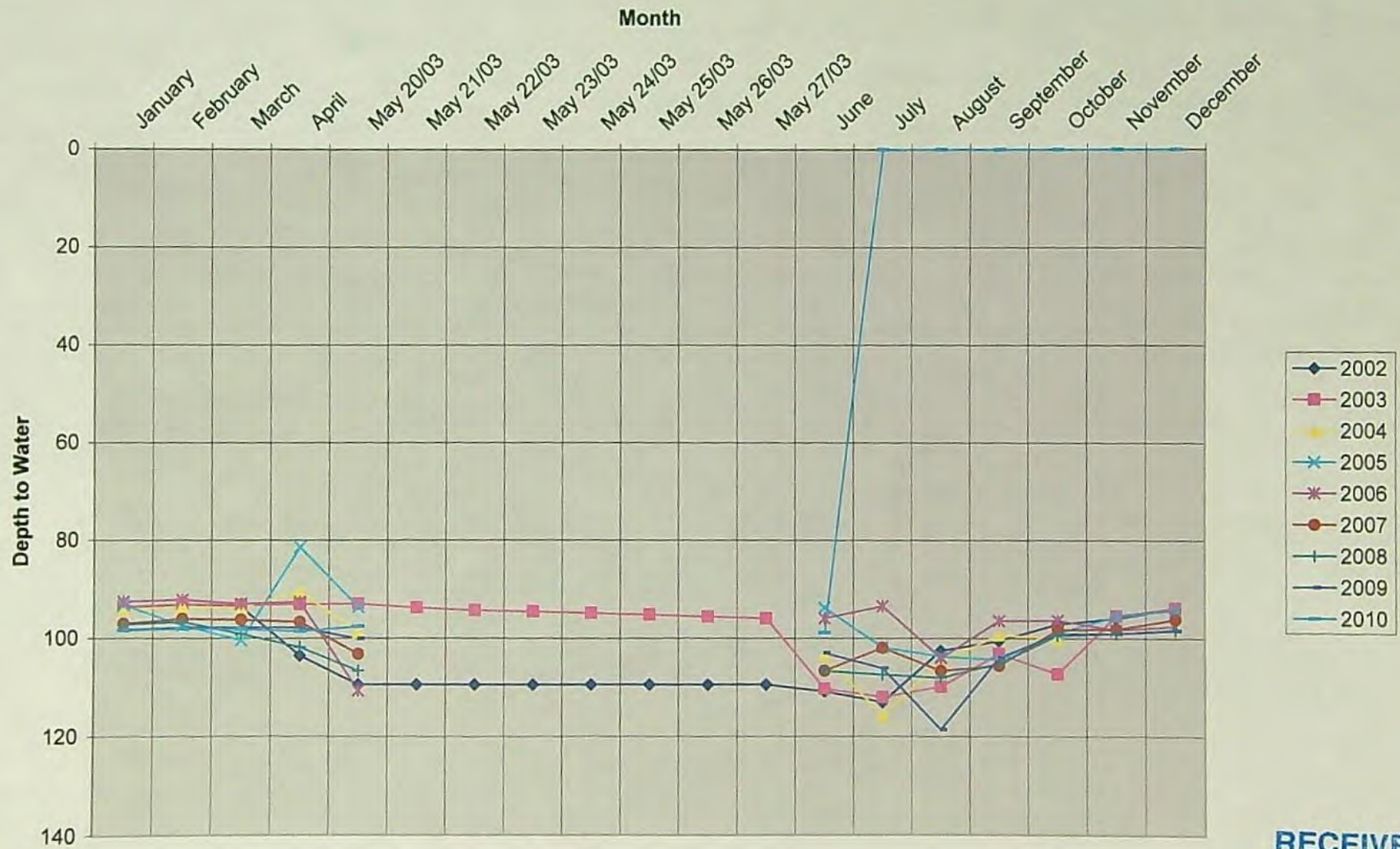
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** S = Static, R = Recovering, P = Pumping (use one of these only)

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L34008



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SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes
Pacific Dunes

OWRD wellid (well tag): L34018

T/R-S ABC#: 27s/14w-29cga

ORWD logid: Coos 52394

Surface csg diam: 8"

P = G - 13498

POD # 3/14

Report ID 63253

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at None measured through well seal

Tools needed: None

Measuring Points:

Date	ft+/-lsd	Description	measured through top of well seal

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/30/2010	32.4		0	32.4	-3.6	28.8	T	S	RWW	54000	
02/27/2010	30.8		0	30.8	-3.6	27.2	T	S	RWW	54000	
03/27/2010	28.7		0	28.7	-3.6	25.1	T	S	RWW	54000	
04/25/2010	91.9	-65	0	26.9	-3.6	23.3	T	S	RWW	54000	
05/29/2010	105	-65	0	40	-3.6	36.4	T	P	RWW	4019900	
06/19/2010	106.1	-65	0	41.1	-3.6	37.5	T	P	RWW	5403400	148
			0	0	-3.6	-3.6	T	S	WDF		
			0	0	-3.6	-3.6	T	S	WDF		
			0	0	-3.6	-3.6	T	S	WDF		
			0	0	-3.6	-3.6	T	S	WDF		
			0	0	-3.6	-3.6	T	S	WDF		
			0	0	-3.6	-3.6	T	S	WDF		

Comments

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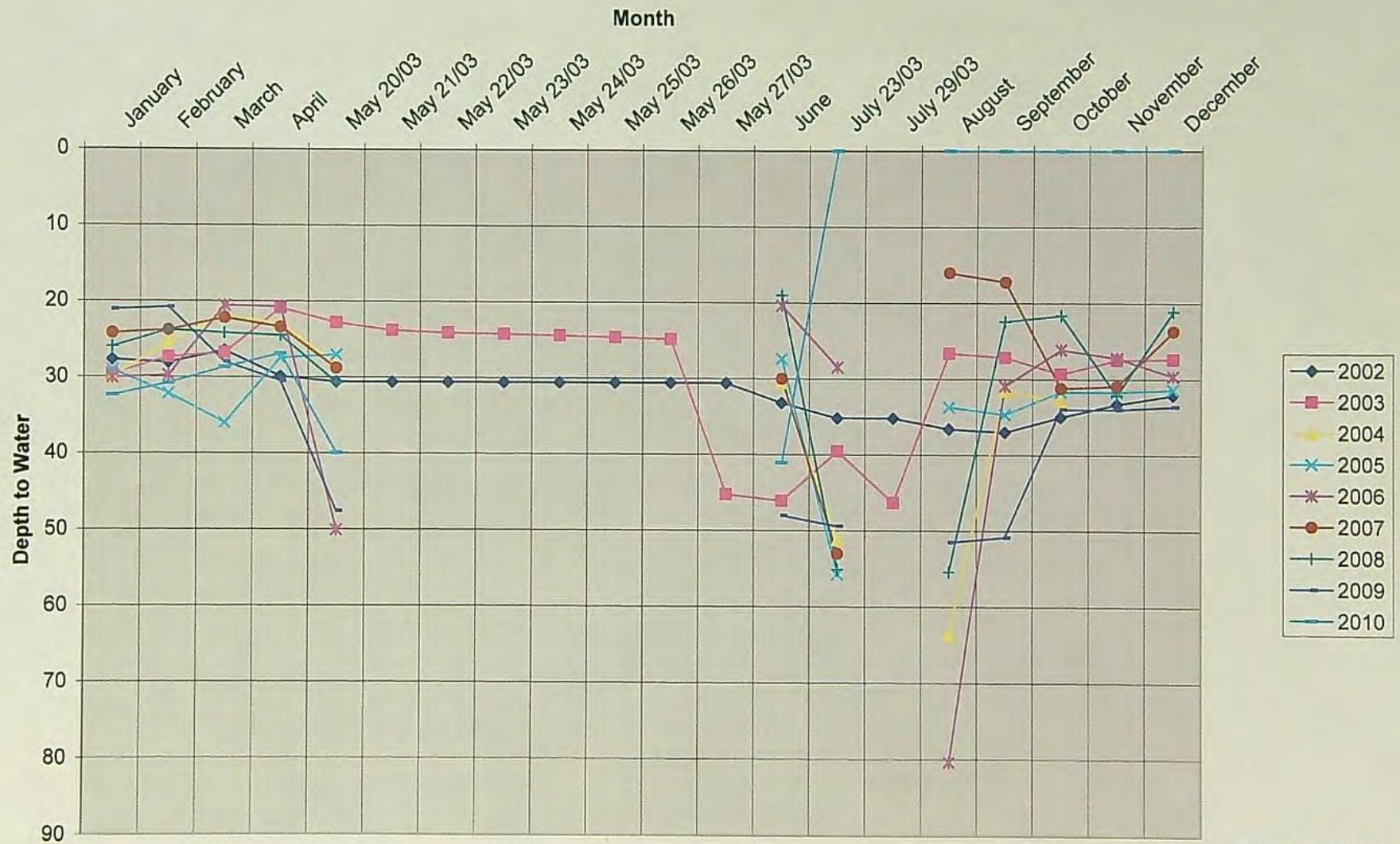
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SALEM, OREGON

WATER LEVEL INVENTORY SHEET

PAGE 1

Site name: Bandon Dunes

OWRD wellid (well tag): L34007

T/R-S ABC#: 27s/14w-29cc

Pacific Dunes

ORWD logid: coos 51622

Surface csg diam: 8"

P = G - 13498

POP #4/14

Report ID 63254

Easy / OK / Difficult

Hang-ups: Y/N at None

Tools needed:

Channel locks measured through well access port in well seal

Measuring Points:

Date	ft+/-lsd	Description
		L34007

Water Levels:

Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/30/2010	82.8		0	82.8	-1.4	81.4	T	S	RWW	10776500	
02/27/2010	82.3		0	82.3	-1.4	80.9	T	S	RWW	10776500	
03/27/2010	82.2		0	82.2	-1.4	80.8	T	S	RWW	10776500	
04/25/2010	82.4		0	82.4	-1.4	81	T	S	RWW	10776500	
05/29/2010	81.2		0	81.2	-1.4	79.8	T	S	RWW	10776500	
06/19/2010	84.1		0	84.1	-1.4	82.7	T	S	RWW	10777000	
			0	0	-1.4	-1.4	T	S	WDF		
			0	0	-1.4	-1.4	T	S	WDF		
			0	0	-1.4	-1.4	T	S	WDF		
			0	0	-1.4	-1.4	T	S	WDF		
			0	0	-1.4	-1.4	T	S	WDF		
			0	0	-1.4	-1.4	T	S	WDF		

Comments

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* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

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WATER RESOURCES DEPT
SALEM, OREGON

L34007



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Old MacDonald

OWRD wellid (well tag): L91192

T/R-S ABC#: T27S-R14W-29 NW SE

ORWD logid: Coos 54287

Surface csg diam:

p = G - 13498

POD # 5/14

Report ID 64615

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at NONE

Tools needed:

Measuring Points:

Date	ft+/-lstd	Description

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	39.6		0	39.6 ✓		39.6 ✓	T	S	RWW	None	
✓ 02/27/2010	38.2		0	38.2 ✓		38.2 ✓	T	S	RWW		
✓ 03/27/2010	36.6		0	36.6 ✓		36.6 ✓	T	S	RWW		
✓ 04/25/2010	34.2		0	34.2 ✓		34.2 ✓	T	S	RWW		
✓ 05/29/2010	31.2		0	31.2 ✓		31.2 ✓	T	S	RWW		
✓ 06/19/2010	31.6		0	31.6 ✓		31.6 ✓	T	S	RWW		
			0	0		0	T	S	WDF		
			0	0		0	T	S	WDF		
			0	0		0	T	S	WDF		
			0	0		0	T	S	WDF		
			0	0		0	T	S	WDF		
			0	0		0	T	S	WDF		

Comments

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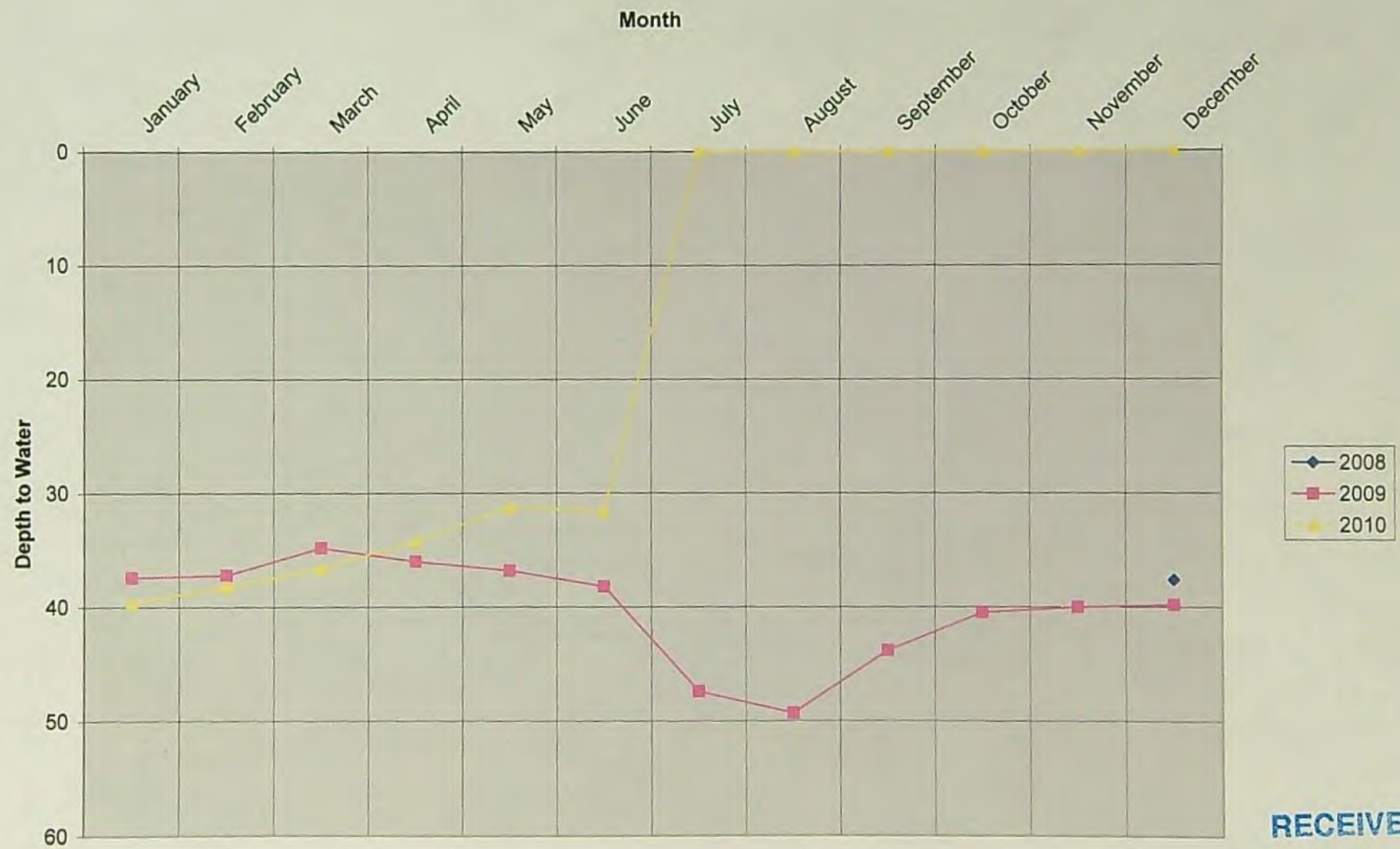
JUL 02 2010

WATER RESOURCES DEPT
SALEM, OREGON

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L91192



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon DunesOWRD wellid (well tag): L10848T/R-S ABC#: 27s/14w/31ORWD logid: coos 50514Surface csg diam: 8"P = G - 13498pod # 6/14Report ID 47810Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

NoneMeasured through pitless adapter pvc pipe stickingTools needed: Nonethrough top.

Measuring Points:

Date	ft+/-ltd	Description
		mp top of pvc pipe sticking out of pitless adapter
		well located by golf hole # 3 on bandon dunes golf course

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	86.4		0	86.4 ✓	-1.25 ✓	85.15 ✓	T	S	RWW	86887500 ✓	
✓ 02/27/2010	85.9		0	85.9 ✓	-1.25 ✓	84.65 ✓	T	S	RWW	86887400 ✓	
✓ 03/27/2010	85.9		0	85.9 ✓	-1.25 ✓	84.65 ✓	T	S	RWW	86887500 ✓	
✓ 04/25/2010	149	-65	0	84 ✓	-1.25 ✓	82.75 ✓	T	S	RWW	87485400 ✓	
✓ 05/29/2010	85.1		0	85.1 ✓	-1.25 ✓	83.85 ✓	T	S	RWW	87485400 ✓	
✓ 06/19/2010	195.2	-65	0	130.2 ✓	-1.25 ✓	128.95 ✓	T	P	RWW	87840100 ✓	257
			0	0	-1.25	-1.25	T	S	WDF		
			0	0	-1.25	-1.25	T	S	WDF		
			0	0	-1.25	-1.25	T	S	WDF		
			0	0	-1.25	-1.25	T	S	WDF		
			0	0	-1.25	-1.25	T	S	WDF		
			0	0	-1.25	-1.25	T	S	WDF		

Comments

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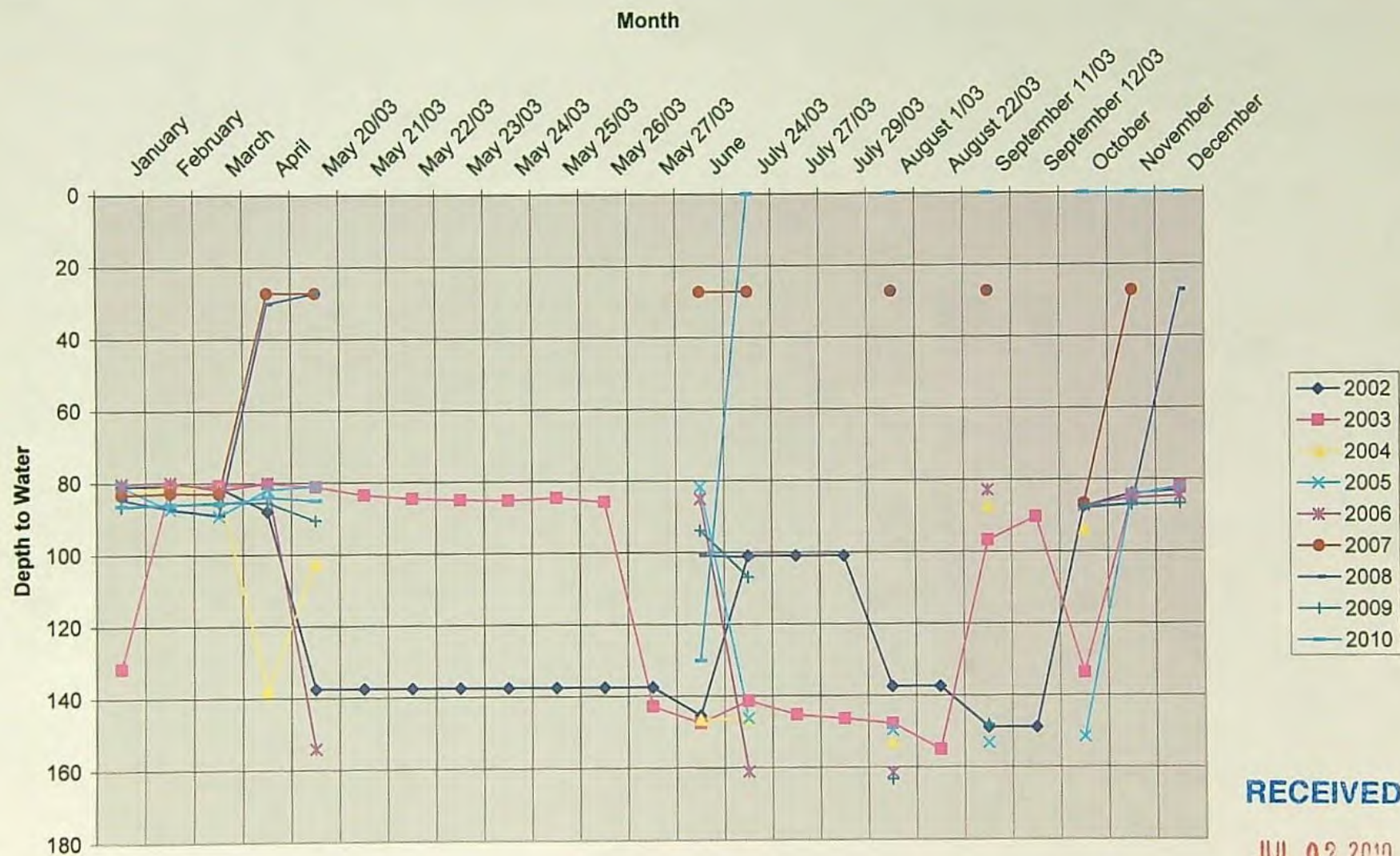
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WATER RESOURCES DEPT
SALEM, OREGON

L10848



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WATER RESOURCES DEPT
SALEM, OREGON

Page 1

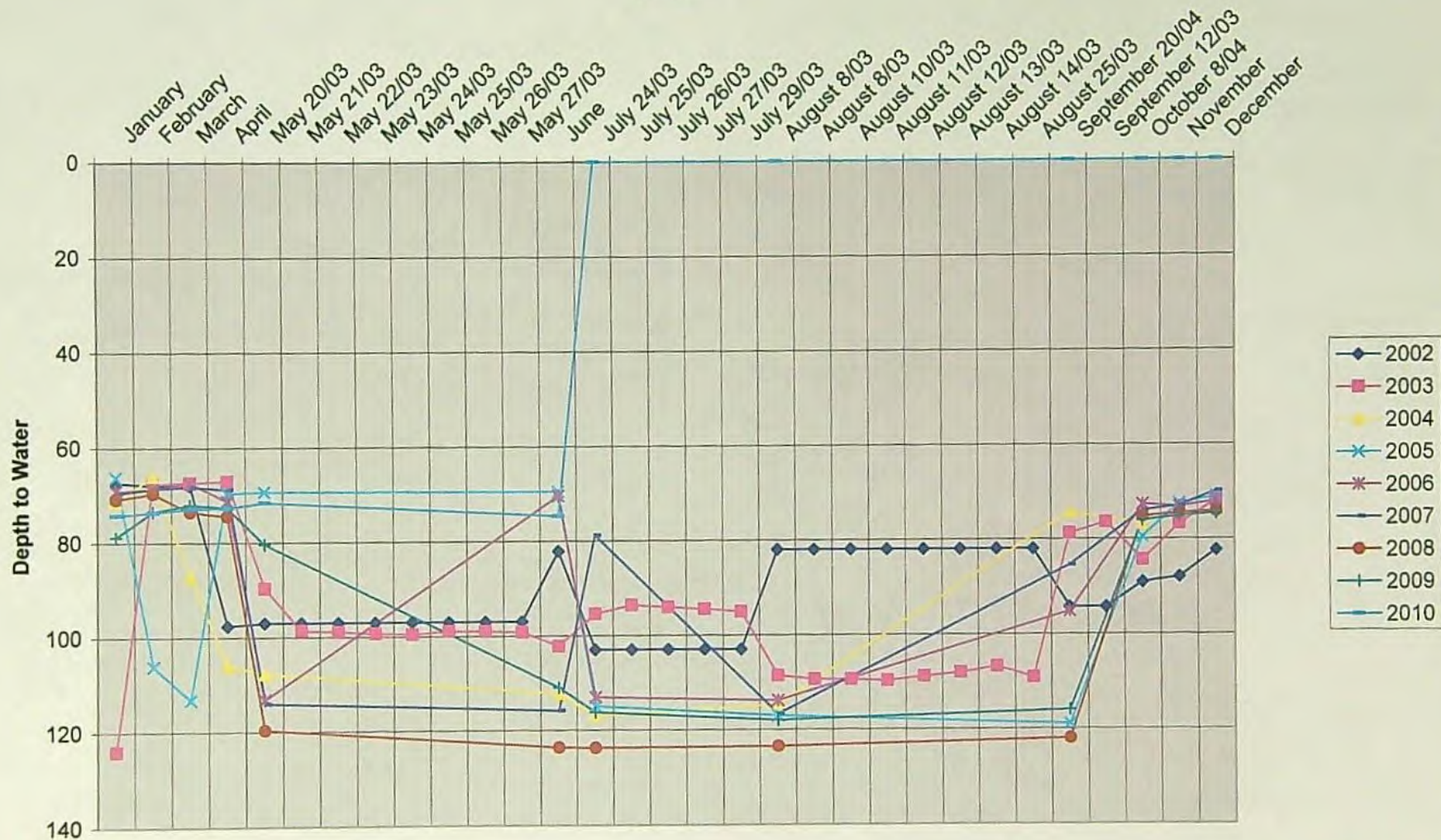
Surface csg diam: 8"

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WATER RESOURCES DEPT
SALEM, OREGON

L18620

Month



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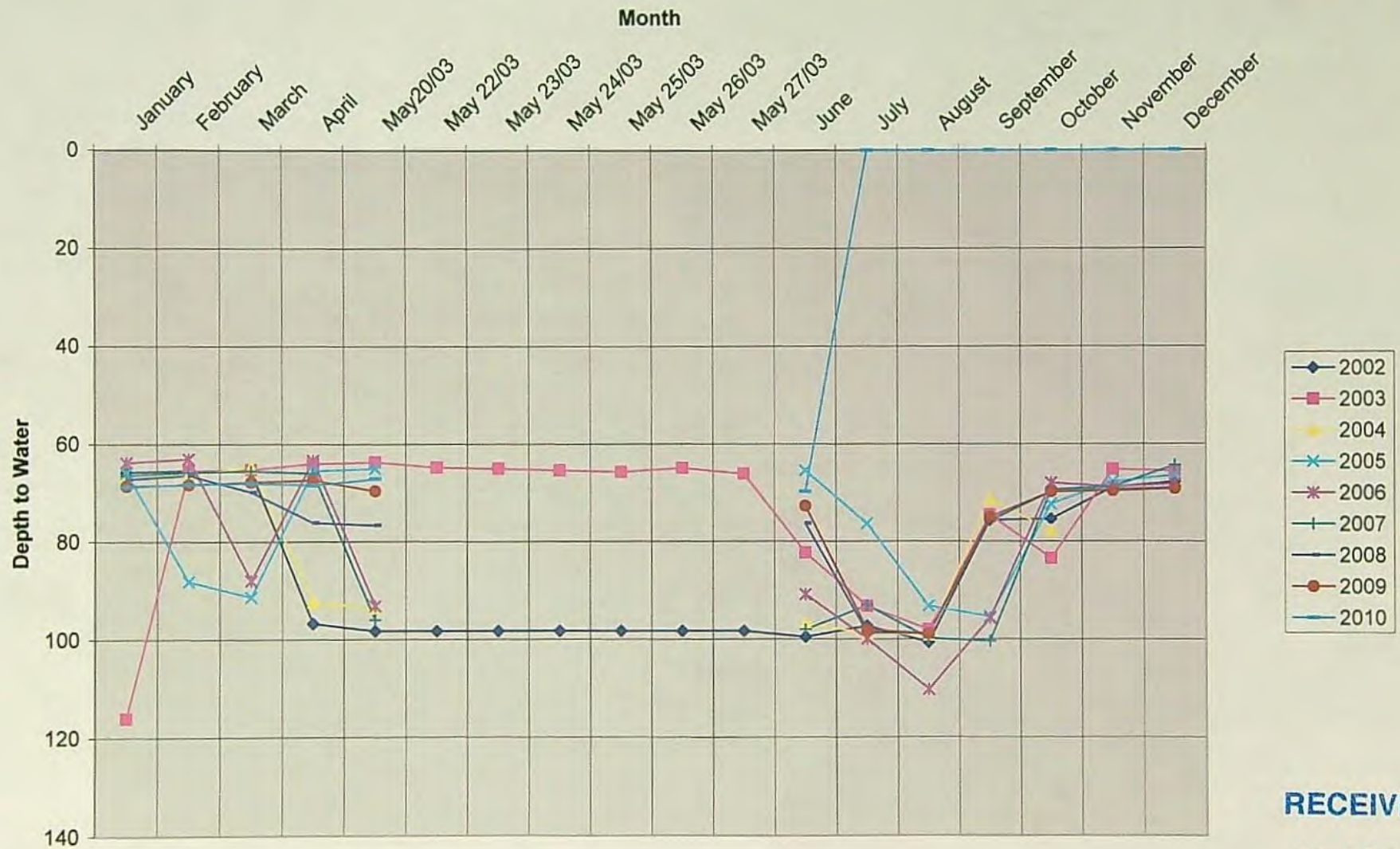
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WATER RESOURCES DEPT
SALEM, OREGON

Report # 3D 4781

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape
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L10847



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes

OWRD well id (well tag):

Old State Well

T/R-S ABC#:

T28S-R14W-5 NW NW

L103084

ORWD logid:

Coos 1252

187

Surface csg diam:

6"

p = G-13498

POD # 9/14

Report ID 47812

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

Tools needed:

Measuring Points:

Date	ft+/-lsd	Description

Water Levels:

9999.59

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/30/2010	15.4		0		0	0	T		RWW	Not in use	
02/27/2010	14.8		0		0	0	T		RWW	Not in use	
03/27/2010	13.8		0		0	0	T		RWW	Not in use	
04/25/2010	12.8		0		0	0	T		RWW	Not in use	
05/29/2010	12.3		0		0	0	T		RWW	Not in use	
06/19/2010	12		0		0	0	T		RWW	Not in use	
			0		0	0	T		WDF	Not in use	
			0		0	0	T		WDF	Not in use	
			0		0	0	T		WDF	Not in use	
			0		0	0	T		WDF	Not in use	
			0		0	0	T		WDF	Not in use	
			0		0	0	T		WDF	Not in use	

Comments:

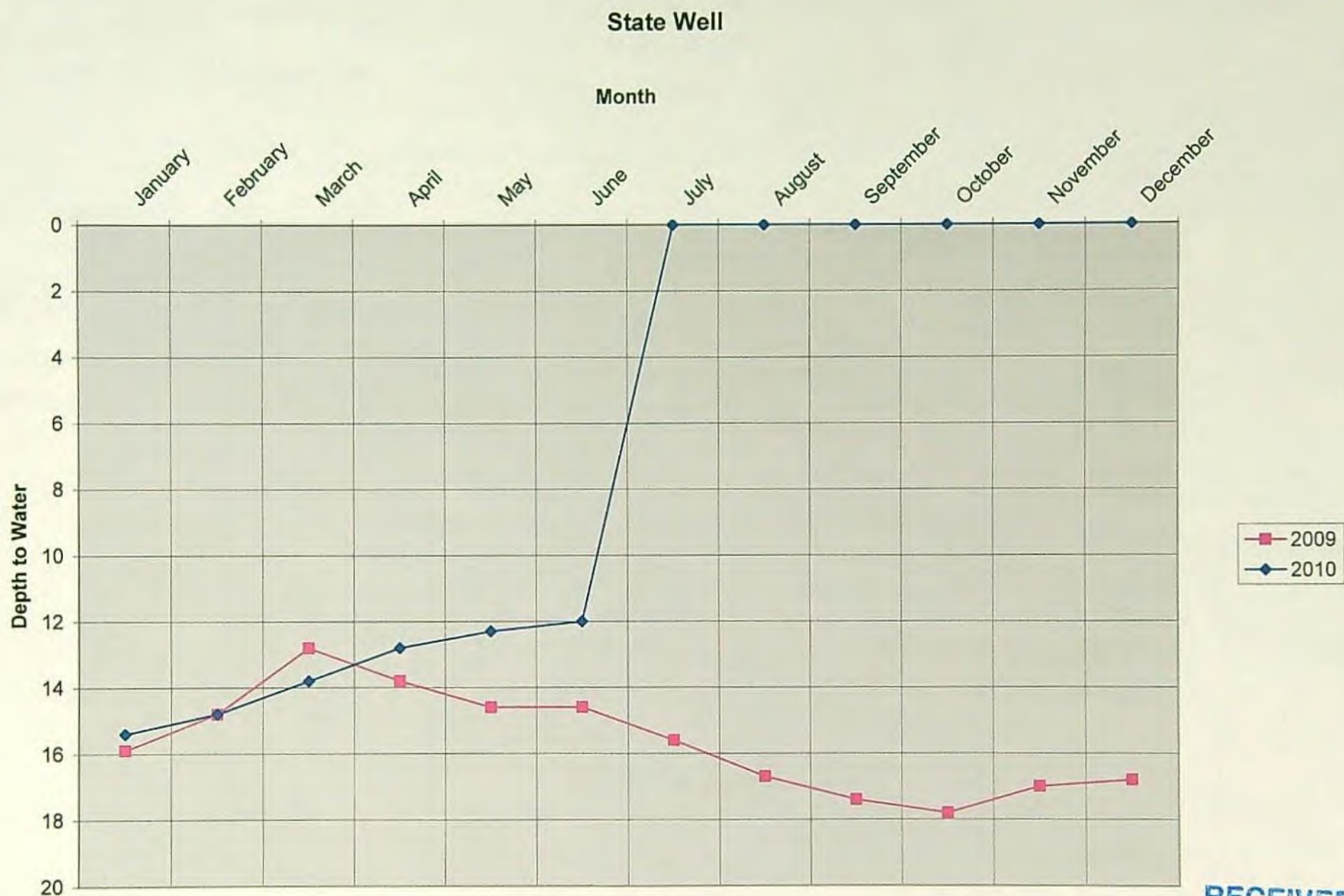
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JUL 09 2010

WATER RESOURCES DEPT
SALEM, OREGON



RECEIVED

JUL 03 2010

WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEETS

Site name: Bandon Dunes
Potable water supply

OWRD wellid (well tag): L25195

T/R-S ABC#:

28s/14w-5bd

ORWD logid:

Coos 51152

Surface csg diam:

8"

P = G-13498

POD#10/14

Report to 47813

Water levels:

Easy / OK / Difficult

Hang-ups: Y/N at

None

Remove vent on top of pitless adapter

Tools needed:

None

remove cap and measure down south end 3/8" socket and open end wrench

Measuring Points:

Date	ft+/-lsd	Description	mp top of well seal
		Used as monitoring well.	

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	62.2		0	62.2 ✓	0 ✓	62.2 ✓	T	S	RWW	not used	Off
✓ 02/27/2010	61.6		0	61.6 ✓	0 ✓	61.6 ✓	T	S	RWW	not used	Off
✓ 03/27/2010	61.5		0	61.5 ✓	0 ✓	61.5 ✓	T	S	RWW	not used	Off
✓ 04/25/2010	61.4		0	61.4 ✓	0 ✓	61.4 ✓	T	S	RWW	not used	Off
✓ 05/29/2010	62.6		0	62.6 ✓	0 ✓	62.6 ✓	T	S	RWW	not used	Off
✓ 06/19/2010	63.3		0	63.3 ✓	0 ✓	63.3 ✓	T	S	RWW	not used	Off
			0	0	0	0	T	S	WDF	not used	Off
			0	0	0	0	T	S	WDF	not used	Off
			0	0	0	0	T	S	WDF	not used	Off
			0	0	0	0	T	S	WDF	not used	Off
			0	0	0	0	T	S	WDF	not used	Off
			0	0	0	0	T	S	WDF	not used	Off

Comments

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** S = Static, R = Recovering, P = Pumping (use one of these only)

JUL 02 2010

WATER RESOURCES DEPT
SALEM, OREGON

L25195



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JUL 02 2010

WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon DunesOWRD wellid (well tag): L44790T/R-S ABC#: 28S-14W-5 NW NWORWD logid: Coos 52100Surface csg diam: 8"

p = G - 13498

POD # 11/14

Report to 63255

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

NoneRemove vent on top of pitless adapterTools needed: None

Measuring Points:

Date	ft+/-l/sd	Description
		Used as a monitoring well.

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	61.8		0	61.8 ✓	0 ✓	61.8 ✓	T	S	RWW	Not Used	0
✓ 02/27/2010	61.1		0	61.1 ✓	0	61.1 ✓	T	S	RWW	Not Used	0
✓ 03/27/2010	60.9		0	60.9 ✓	0	60.9 ✓	T	S	RWW	Not Used	0
✓ 04/25/2010	126	-65	0	61 ✓	0	61 ✓	T	S	RWW	Not Used	0
✓ 05/29/2010	127	-65	0	62 ✓	0	62 ✓	T	S	RWW	Not Used	0
06/19/2010	127.7	-65	0	62.7 ✓	0	62.7 ✓	T	S	RWW	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0
			0	0	0	0	T	S	WDF	Not Used	0

Comments

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JUL 03 2010

WATER RESOURCES DEPT
SALEM, OREGON

L44790



RECEIVED

JUL 02 2010

WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes

OWRD wellid (well tag): S.E. test well
L103085

T/R-S ABC#: 28s-14w-5bd
 ORWD logid: Coos 1254
 Surface csg diam: 6"

p = G-13498
potdk 12/14

Report ID 63256

Water levels: Easy / OK / Difficult Hang-ups: Y/N at None Measure through well seal
 Tools needed: Measured through top of well seal

Measuring Points:

Date	ft+/-lsd	Description
		southeast of potable well

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	20.0		0	20 ✓	0	20 ✓	T	S	RWW	Not in use	
✓ 02/27/2010	18.7		0	18.7 ✓	0	18.7 ✓	T	S	RWW	Not in use	
✓ 03/27/2010	16.8		0	16.8 ✓	0	16.8 ✓	T	S	RWW	Not in use	
✓ 04/25/2010	15.4		0	15.4 ✓	0	15.4 ✓	T	S	RWW	Not in use	
✓ 05/29/2010	14.3		0	14.3 ✓	0	14.3 ✓	T	S	RWW	Not in use	
✓ 06/19/2010	13.3		0	13.3 ✓	0	13.3 ✓	T	S	RWW	Not in use	
			0	0	0	0	T	S	WDF	Not in use	
			0	0	0	0	T	S	WDF	Not in use	
			0	0	0	0	T	S	WDF	Not in use	
			0	0	0	0	T	S	WDF	Not in use	
			0	0	0	0	T	S	WDF	Not in use	
			0	0	0	0	T	S	WDF	Not in use	

Comments

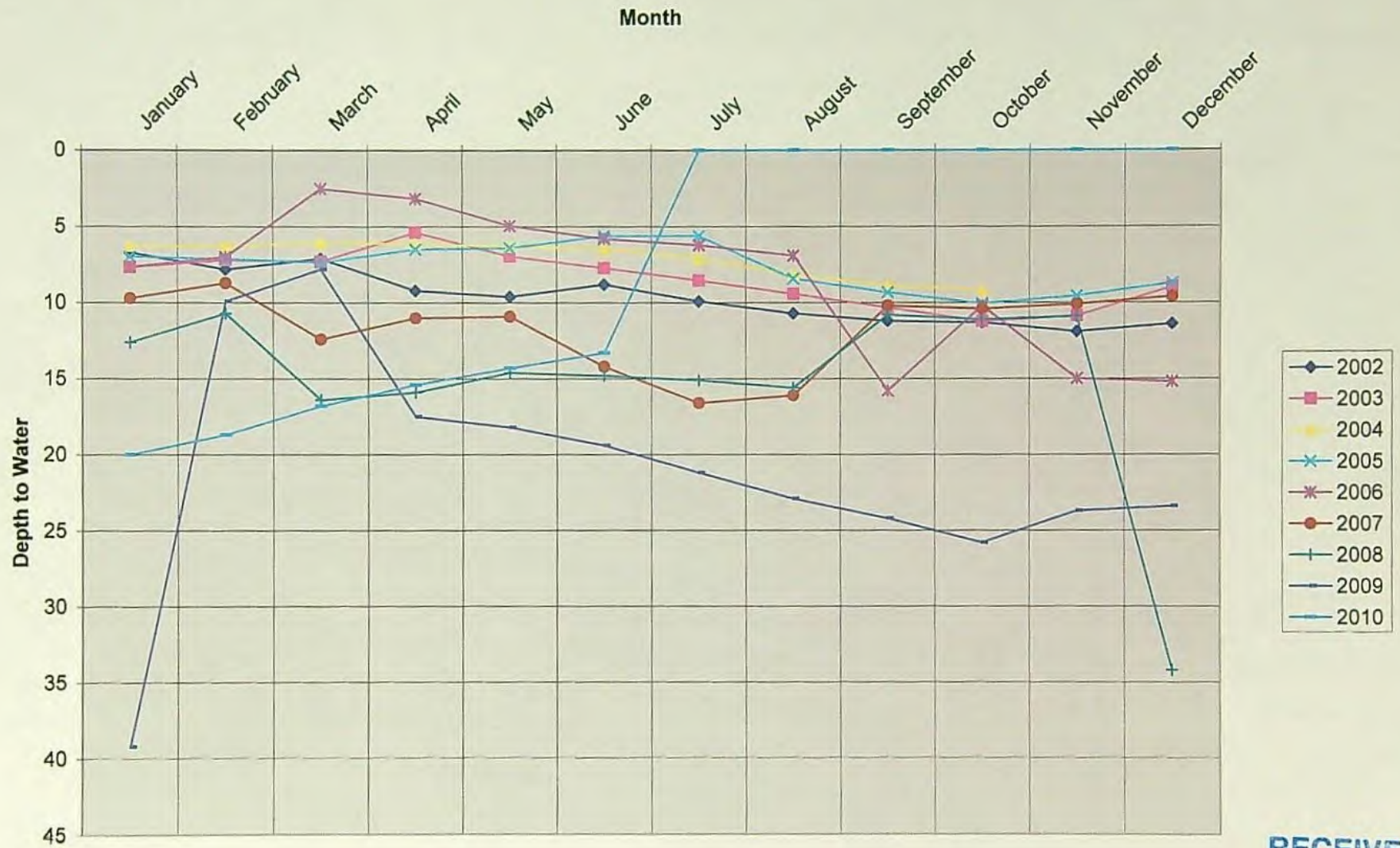
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WATER RESOURCES DEPT
 SALEM, OREGON

S.E. test well



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Bandon Trails

OWRD wellid (well tag): L69436

T/R-S ABC#: T28S-R14W-5 SW NE

ORWD logid: Coos 53004

Surface csg diam: _____

P = G - 13498

POD # 13/14

Report ID 63257

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

None

Measure through well seal

Tools needed: _____

Measuring Points:

Date	ft+/-lstd	Description	By hole 14 x 15

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	59.4		0	59.4 ✓	0 ✓	59.4 ✓	T	S	RWW	86665200 ✓	
✓ 02/27/2010	59.7		0	59.7 ✓	0 ✓	59.7 ✓	T	S	RWW	86665200 ✓	
✓ 03/27/2010	59.6		0	59.6 ✓	0 ✓	59.6 ✓	T	S	RWW	86665200 ✓	
✓ 04/25/2010	59.4		0	59.4 ✓	0 ✓	59.4 ✓	T	S	RWW	86665200 ✓	
✓ 05/29/2010	145		0	145 ✓	0 ✓	145 ✓	T	P	RWW	87296600 ✓	
✓ 06/19/2010	62.1		0	62.1 ✓	0 ✓	62.1 ✓	T	S	RWW	88437000 ✓	
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		

Comments

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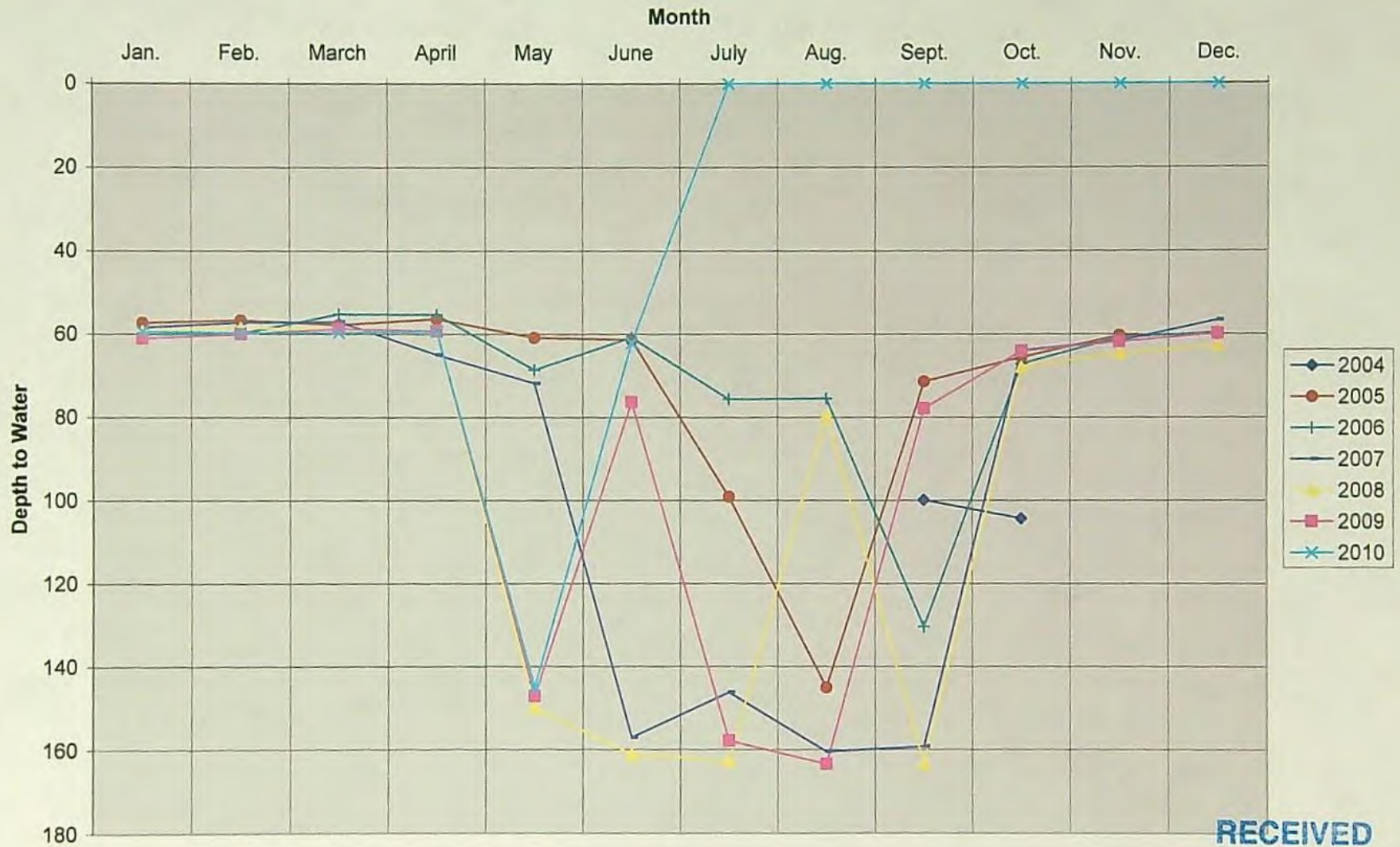
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WATER RESOURCES DEPT
SALEM, OREGON

L69436



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Potable well

OWRD wellid (well tag): L74686

T/R-S ABC#: T28S-R14W-5 SE NW

ORWD logid: Coos 53275

Surface csg diam: 8"

p = G - 13498

POD 14/14

Report TO 63258

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

None

Remove vent on top of pitless adapter

Tools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		Main potable well

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity	
✓ 01/30/2010	57.6		0	57.6 ✓	0 ✓	57.6 ✓	T	P	RWW	79779100 ✓		
✓ 02/27/2010	72.4		0	72.4 ✓	0 ✓	72.4 ✓	T	P	RWW	80227000 ✓		
✓ 03/27/2010	58.2		0	58.2 ✓	0 ✓	58.2 ✓	T	P	RWW	80465200 ✓		
✓ 04/25/2010	61.3		0	61.3 ✓	0 ✓	61.3 ✓	T	P	RWW	80862600 ✓		
✓ 05/29/2010	68.4		0	68.4 ✓	0 ✓	68.4 ✓	T	P	RWW	81808900 ✓		
✓ 06/19/2010	60.2		0	60.2 ✓	0 ✓	60.2 ✓	T	P	RWW	82528400 ✓		
			0	0	0	0	T	P	WDF			
			0	0	0	0	T	P	WDF			
			0	0	0	0	T	P	WDF			
			0	0	0	0	T	P	WDF			
			0	0	0	0	T	P	WDF			
			0	0	0	0	T	P	WDF			

Comments

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WATER RESOURCES DEPT
SALEM, OREGON

L74686



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

20179 = start card #

Site name: Bandon Dunes
Warren's wellOWRD wellid (well tag): L20179T/R-S ABC#: T27S-R14W-29 NW SEORWD logid: Coos 330Surface csg diam: 8"

p = G-13498

POD not active

Report ID 47809

Water levels: Easy / OK / Difficult Hang-ups: Y/N at None Measure through well seal
Tools needed: Measured through top of well seal

Measuring Points:

Date	ft+/-ltd	Description

Water Levels:

? not 0!

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/30/2010	39.7		0	39.7 ✓	0 ✓	0	T	S	RWW	Not in use	
✓ 02/27/2010	38.6		0	38.6 ✓	0 ✓	0	T	S	RWW		
✓ 03/27/2010	36.9		0	36.9 ✓	0 ✓	0	T	S	RWW		
✓ 04/25/2010	34.6		0	34.6 ✓	0 ✓	0	T	S	RWW		
✓ 05/29/2010	31.4		0	31.4 ✓	0 ✓	0	T	S	RWW		
✓ 06/19/2010	32		0	32 ✓	0 ✓	0	T	S	RWW		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		
			0	0	0	0	T	S	WDF		

Comments

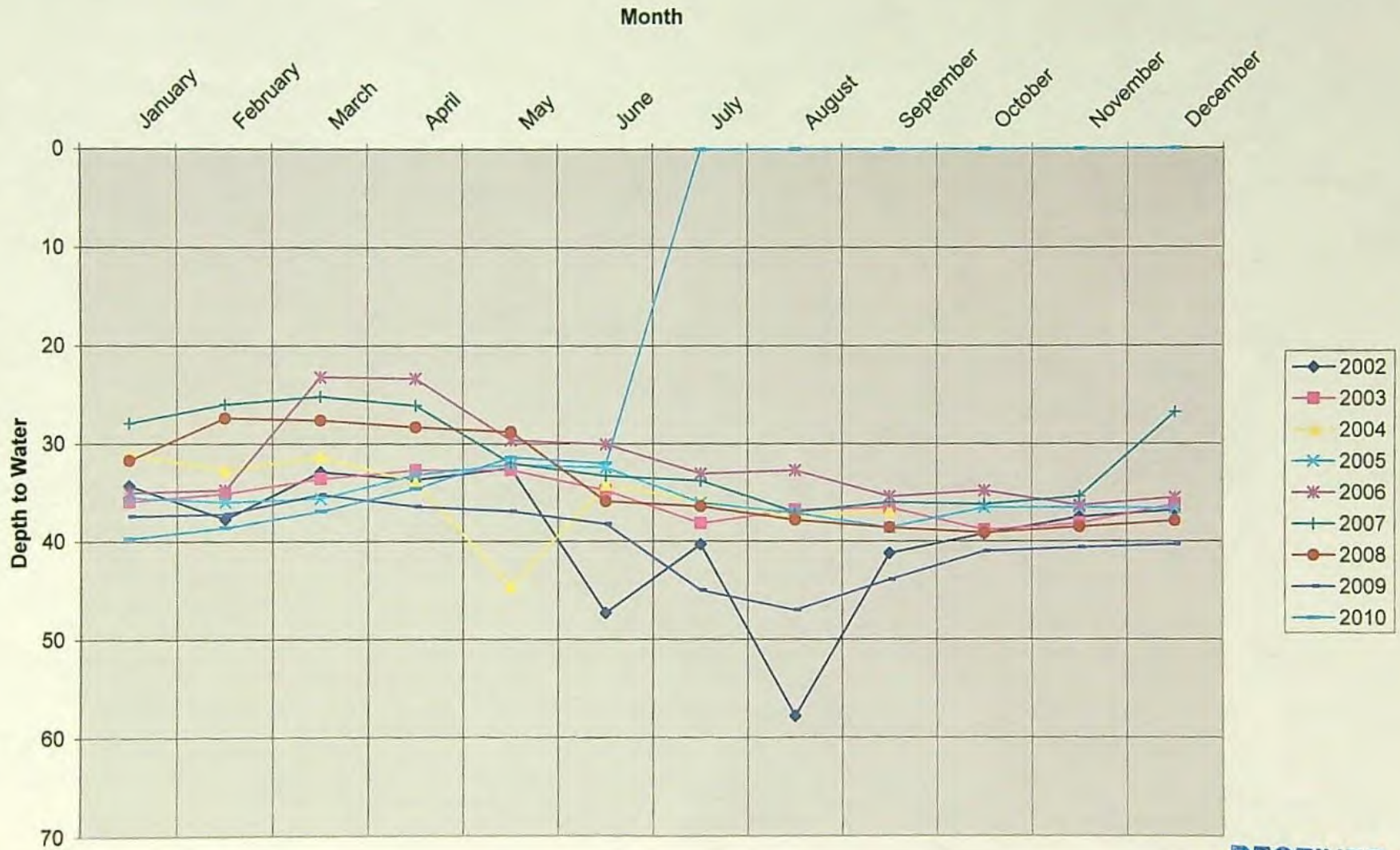
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WATER RESOURCES DEPT
SALEM, OREGON

Warren's well



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WATER RESOURCES DEPT
SALEM, OREGON

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes
Pacific Dunes

OWRD wellid (well tag): L34030T/R-S ABC#: 27s/14w-29caORWD logid: coos 51649Surface csg diam: 10"

p = 6-13498
POD 1/4

Report ID 63251

Water levels: Easy / OK / Difficult Hang-ups: Y/N at None

Tools needed: Channel locks measured through well access port in well seal

Measuring Points:

Date	ft+/-lsd	Description

Water Levels:

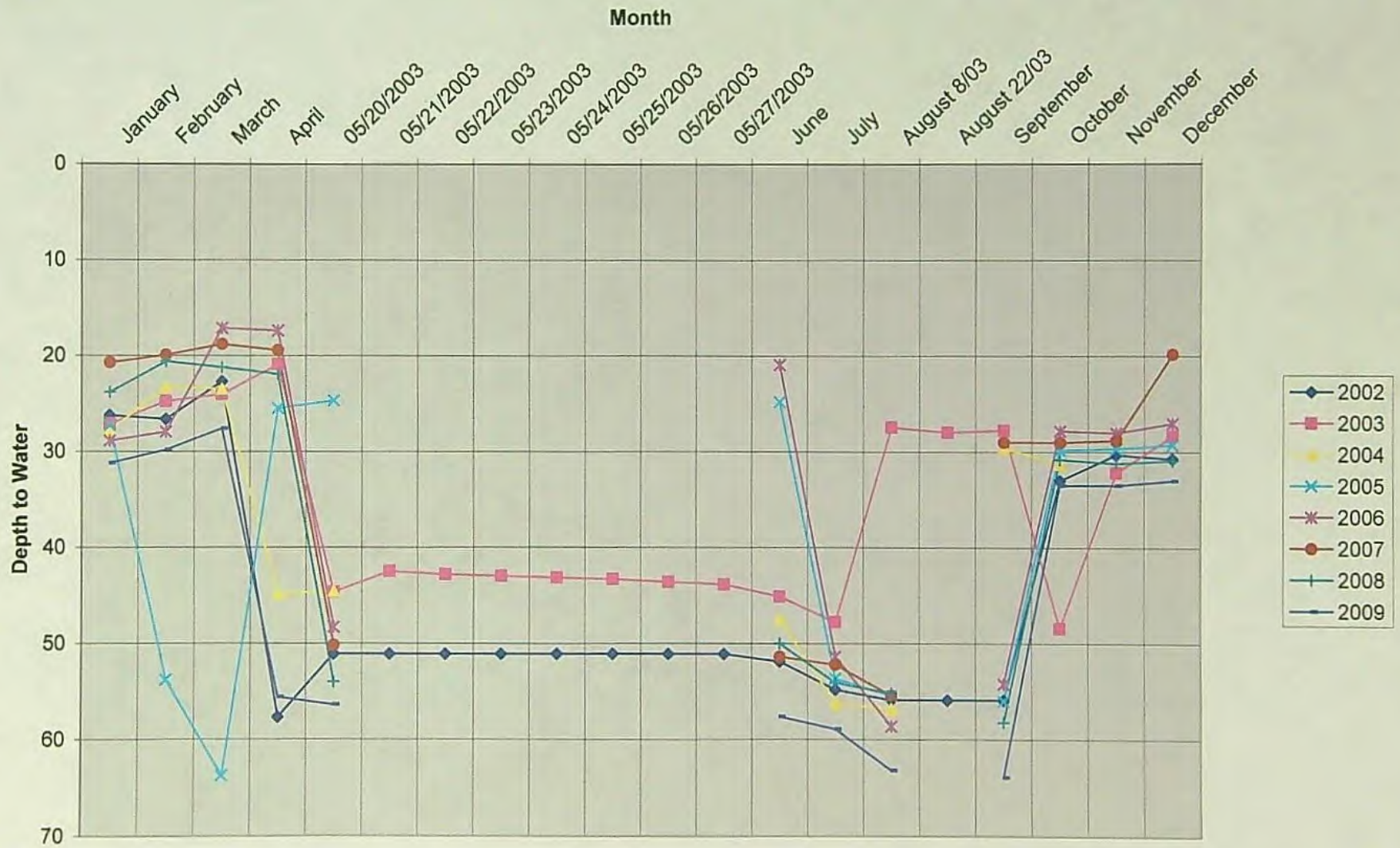
Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	μS/cm Conductivity
01/29/2009	31.2		0	31.2 ✓	-1.1 ✓	30.1 ✓	T	S	WDF	14811500 ✓	
02/26/2009	29.8		0	29.8 ✓	-1.1 ✓	28.7 ✓	T	S	WDF	14811500 ✓	
03/25/2009	27.6		0	27.6 ✓	-1.1 ✓	26.5 ✓	T	S	WDF	14811500 ✓	
04/25/2009	55.6		0	55.6 ✓	-1.1 ✓	54.5 ✓	T	S	WDF	21295000 ✓	
05/23/2009	56.4		0	56.4 ✓	-1.1 ✓	55.3 ✓	T	P	WDF	32049900 ✓	223
06/20/2009	57.6		0	57.6 ✓	-1.1 ✓	56.5 ✓	T	P	WDF	41759000 ✓	174
07/25/2009	58.9		0	58.9 ✓	-1.1 ✓	57.8 ✓	T	P	WDF	56290200 ✓	176
08/29/2009	63.2		0	63.2 ✓	-1.1 ✓	62.1 ✓	T	P	WDF	69558800 ✓	171
09/26/2009	63.9		0	63.9 ✓	-1.1 ✓	62.8 ✓	T	P	WDF	79123100 ✓	172
10/31/2009	33.5		0	33.5 ✓	-1.1 ✓	32.4 ✓	T	S	WDF	81559800 ✓	
11/28/2009	33.5		0	33.5 ✓	-1.1 ✓	32.4 ✓	T	S	WDF		
12/26/2009	33		0	33 ✓	-1.1 ✓	31.9 ✓	T	S	WDF		

Comments

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L34030



WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes
Pacific Dunes

OWRD wellid (well tag): L34008

T/R-S ABC#: 27s/14w-29cb

ORWD logid: coos 51626

Surface csg diam: 8"

p = G-13498
POD # 2/4

Report ID 67252

Water levels: Easy / OK / Difficult
Tools needed: Measured through top of well seal

Hang-ups: Y/N at None

Measuring Points:

Date	ft+/-lsd	Description	L34008

Water Levels:

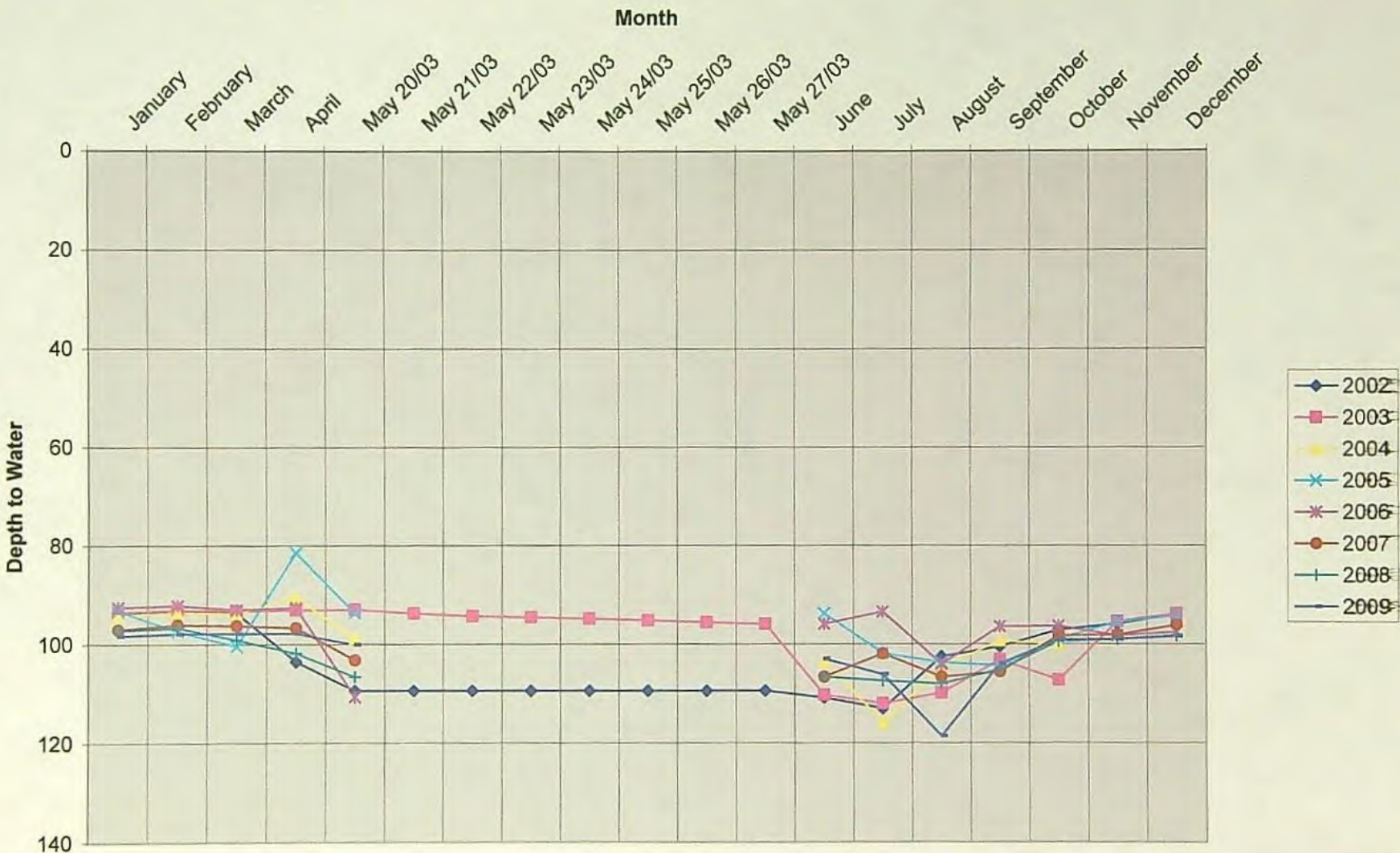
Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/29/2009	98.3		0	98.3 ✓	-1.2 ✓	97.1 ✓	T	S	WDF	41239300 ✓	
02/26/2009	97.8		0	97.8 ✓	-1.2 ✓	96.6 ✓	T	S	WDF	41239300 ✓	
03/25/2009	97.8		0	97.8 ✓	-1.2 ✓	96.6 ✓	T	S	WDF	41239300 ✓	
04/25/2009	97.8		0	97.8 ✓	-1.2 ✓	96.6 ✓	T	S	WDF	41239300 ✓	
05/23/2009	100.1		0	100.1 ✓	-1.2 ✓	98.9 ✓	T	S	WDF	41239300 ✓	
06/20/2009	103		0	103 ✓	-1.2 ✓	101.8 ✓	T	S	WDF	42237900 ✓	
07/25/2009	106.1		0	106.1 ✓	-1.2 ✓	104.9 ✓	T	S	WDF	42566100 ✓	
08/29/2009	118.6		0	118.6 ✓	-1.2 ✓	117.4 ✓	T	P	WDF	43849000 ✓	264
09/26/2009	104		0	104 ✓	-1.2 ✓	102.8 ✓	T	S	WDF	44532400 ✓	
10/31/2009	99.1		0	99.1 ✓	-1.2 ✓	97.9 ✓	T	S	WDF	44532400 ✓	
11/28/2009	99		0	99 ✓	-1.2 ✓	97.8 ✓	T	S	WDF		
12/26/2009	98.4		0	98.4 ✓	-1.2 ✓	97.2 ✓	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L34008



WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon Dunes
Pacific Dunes

OWRD wellid (well tag): L34018

T/R-S ABC#: 27s/14w-29cga

ORWD logid: coos 52151

Surface csg diam: 8"

P = G - 13498

POD # 3/14

Report ID 67253

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at None measured through well seal

Tools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		measured through top of well seal

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	21.1		0	21.1 ✓	-3.6 ✓	17.5 ✓	T	S	WDF	73931400 ✓	
✓ 02/26/2009	20.8		0	20.8 ✓	-3.6 ✓	17.2 ✓	T	S	WDF	76895400 ✓	
✓ 03/25/2009	28		0	28 ✓	-3.6 ✓	24.4 ✓	T	S	WDF	76895400 ✓	
✓ 04/25/2009	30.5		0	30.5 ✓	-3.6 ✓	26.9 ✓	T	S	WDF	77646200 ✓	
✓ 05/23/2009	47.6		0	47.6 ✓	-3.6 ✓	44.0 ✓	T	P	WDF	81073300 ✓	182
✓ 06/20/2009	48		0	48 ✓	-3.6 ✓	44.4 ✓	T	P	WDF	84802000 ✓	138
✓ 07/25/2009	49.4		0	49.4 ✓	-3.6 ✓	45.8 ✓	T	P	WDF	89269800 ✓	138
✓ 08/29/2009	51.5		0	51.5 ✓	-3.6 ✓	47.9 ✓	T	P	WDF	93939300 ✓	140
✓ 09/26/2009	50.85		0	50.85 ✓	-3.6 ✓	47.325 ✓	T	P	WDF	96433700 ✓	155
✓ 10/31/2009	33.95		0	33.95 ✓	-3.6 ✓	30.435 ✓	T	S	WDF	98553500 ✓	
✓ 11/28/2009	34		0	34 ✓	-3.6 ✓	30.4 ✓	T	S	WDF		
✓ 12/26/2009	33.6		0	33.6 ✓	-3.6 ✓	30.0 ✓	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

WATER LEVEL INVENTORY SHEET

PAGE 1

Site name: Bandon Dunes

Pacific Dunes

OWRD wellid (well tag): L34007

T/R-S ABC#: 27s/14w-29cc

ORWD logid: coos 51622

Surface csg diam: 8"

p = G - 13498

POD # 4/10

Report ID 63254

Easy / OK / Difficult

Hang-ups: Y/N at None

Tools needed:

Channel locks measured through well access port in well seal

Measuring Points:

Date	ft+/-lstd	Description
		L34007

Water Levels:

Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	μS/cm Conductivity
✓ 01/29/2009	82.3		0	82.3 ✓	-1.4 ✓	80.9 ✓	T	S	WDF	10776500 ✓	
✓ 02/26/2009	81.7		0	81.7 ✓	-1.4 ✓	80.3 ✓	T	S	WDF	10776500 ✓	
✓ 03/25/2009	81.2		0	81.2 ✓	-1.4 ✓	79.8 ✓	T	S	WDF	10776500 ✓	
✓ 04/25/2009	81.8		0	81.8 ✓	-1.4 ✓	80.4 ✓	T	S	WDF	10776500 ✓	
✓ 05/23/2009	88		0	88 ✓	-1.4 ✓	86.6 ✓	T	S	WDF	10776500 ✓	
✓ 06/20/2009	91.1		0	91.1 ✓	-1.4 ✓	89.7 ✓	T	S	WDF	10776500 ✓	
✓ 07/25/2009	102.4		0	102.4 ✓	-1.4 ✓	101 ✓	T	P	WDF	10776500 ✓	281
✓ 08/29/2009	105.4		0	105.4 ✓	-1.4 ✓	104 ✓	T	P	WDF	10776500 ✓	288
✓ 09/26/2009	94.5		0	94.5 ✓	-1.4 ✓	93.1 ✓	T	R	WDF	10776500 ✓	
✓ 10/31/2009	84		0	84 ✓	-1.4 ✓	82.6 ✓	T	S	WDF	10776500 ✓	
✓ 11/28/2009	83.6		0	83.6 ✓	-1.4 ✓	82.2 ✓	T	S	WDF		
✓ 12/26/2009	83.1		0	83.1 ✓	-1.4 ✓	81.7 ✓	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

Month

Month

January

February

March

April

May

June

July

August

September

October

November

December

Depth to Water

0.00

20.00

40.00

60.00

80.00

100.00

120.00

140 00



WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Old MacDonald

OWRD wellid (well tag): L91192

T/R-S ABC#:

ORWD logid: Coos

Surface csg diam:

p = G-13498

pdd 5/4

Report ID 64615

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at NONE

Tools needed:

Measuring Points:

Date	ft+/-ltd	Description

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	37.4		0	37.4 ✓		37.4 ✓	T	S	WDF	0	
✓ 02/26/2009	37.2		0	37.2 ✓		37.2 ✓	T	S	WDF	0	
✓ 03/25/2009	34.8		0	34.8 ✓		34.8 ✓	T	S	WDF	0	
✓ 04/25/2009	36		0	36 ✓		36 ✓	T	S	WDF	0	
✓ 05/23/2009	36.8		0	36.8 ✓		36.8 ✓	T	S	WDF	0	
✓ 06/20/2009	38.2		0	38.2 ✓		38.2 ✓	T	S	WDF	0	
✓ 07/25/2009	47.4		0	47.4 ✓		47.4 ✓	T	S	WDF	0	
✓ 08/29/2009	49.3		0	49.3 ✓		49.3 ✓	T	S	WDF	0	
✓ 09/26/2009	43.8		0	43.8 ✓		43.8 ✓	T	S	WDF	0	
✓ 10/31/2009	40.5		0	40.5 ✓		40.5 ✓	T	S	WDF	0	
✓ 11/28/2009	40		0	40 ✓		40 ✓	T	S	WDF	0	
✓ 12/26/2009	39.8		0	39.8 ✓		39.8 ✓	T	S	WDF	0	

Comments

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** S = Static, R = Recovering, P = Pumping (use one of these only)

L91192



WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon DunesOWRD wellid (well tag): L10848T/R-S ABC#: 27s/14w/31p = 6-13498ORWD logid: coos 50514POD# 6/4Surface csg diam: 8"Report ID 47810Water levels: Easy / OK / DifficultHang-ups: Y/N at NoneMeasured through pitless adapter pvc pipe stickingTools needed: Nonethrough top.

Measuring Points:

Date	ft+/-lsd	Description
		mp top of pvc pipe sticking out of pitless adapter
		well located by golf hole # 3 on bandon dunes golf course

Water Levels:

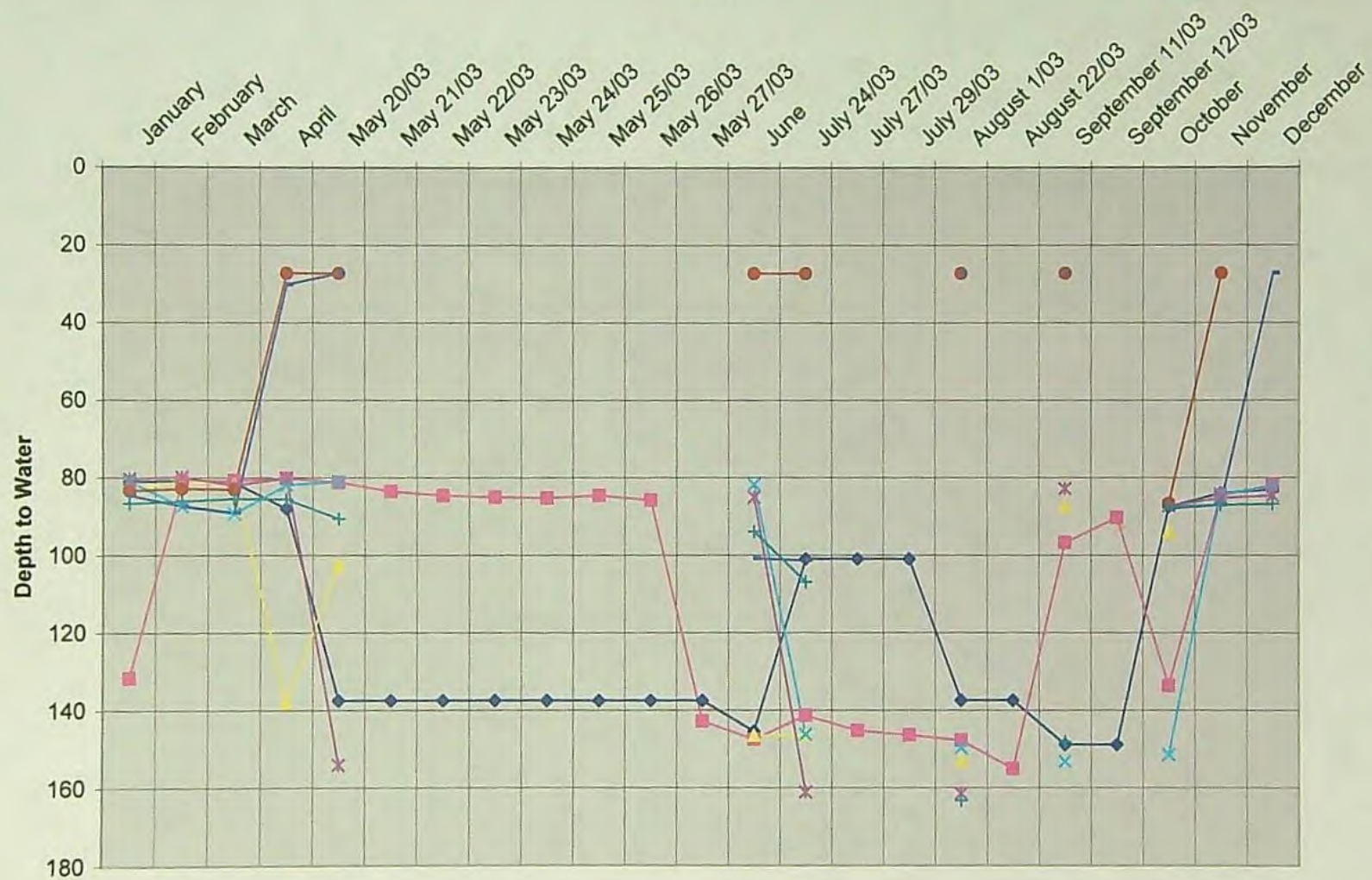
Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	86.6		0	86.6 ✓	-1.25 ✓	85.35 ✓	T	S	WDF	66457000 ✓	
✓ 02/26/2009	86.1		0	86.1 ✓	-1.25 ✓	84.85 ✓	T	S	WDF	66457000 ✓	
✓ 03/25/2009	85.4		0	85.4 ✓	-1.25 ✓	84.15 ✓	T	S	WDF	66457000 ✓	
✓ 04/25/2009	85.6		0	85.6 ✓	-1.25 ✓	84.35 ✓	T	S	WDF	66457000 ✓	
✓ 05/23/2009	90.6		0	90.6 ✓	-1.25 ✓	89.35 ✓	T	S	WDF	66456900 ✓	
✓ 06/20/2009	93.9		0	93.9 ✓	-1.25 ✓	92.65 ✓	T	S	WDF	69554000 ✓	
✓ 07/25/2009	107		0	107 ✓	-1.25 ✓	105.75 ✓	T	P	WDF	76834800 ✓	239
✓ 08/29/2009	163.3		0	163.3 ✓	-1.25 ✓	162.05 ✓	T	P	WDF	85205600 ✓	250
✓ 09/26/2009	148.1		0	148.1 ✓	-1.25 ✓	146.85 ✓	T	P	WDF	86535700 ✓	192
✓ 10/31/2009	87.5		0	87.5 ✓	-1.25 ✓	86.25 ✓	T	S	WDF	86887500 ✓	
✓ 11/28/2009	87		0	87 ✓	-1.25 ✓	85.75 ✓	T	S	WDF		
12/26/2009	86.8		0	86.8	-1.25	85.55	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

Month



WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon DunesOWRD wellid (well tag): L18620T/R-S ABC#: 27s/14w 32 bbdORWD logid: coos 50970Surface csg diam: 8"*p = G - 13498**pod # 7/14**Report ID 47814*Water levels: Easy / OK / DifficultHang-ups: Y/N at None Measured through pvc pipe in well sealTools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		North of hole #3 for Bandon Dunes across road by Pacific Dunes Putting Green

Water Levels:

Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity	
01/29/2009	78.8		0	78.8 ✓	-2.2 ✓	76.6 ✓	T	P	WDF	82673900 ✓		
02/26/2009	73.4		0	73.4 ✓	-2.2 ✓	71.2 ✓	T	S	WDF	82673900 ✓		
03/25/2009	72		0	72 ✓	-2.2 ✓	69.8 ✓	T	S	WDF	82673900 ✓		
04/25/2009	72.6		0	72.6 ✓	-2.2 ✓	70.4 ✓	T	S	WDF	82673900 ✓		
05/23/2009	80.4		0	80.4 ✓	-2.2 ✓	78.2 ✓	T	P	WDF	83683100 ✓		
06/20/2009	111		0	111 ✓	-2.2 ✓	108.8 ✓	T	P	WDF	90290100 ✓	185	
07/25/2009	116.2		0	116.2 ✓	-2.2 ✓	114 ✓	T	P	WDF	98767100 ✓	183	
08/29/2009	118		0	118 ✓	-2.2 ✓	115.8 ✓	T	P	WDF	7839900 ✓	184	
09/26/2009	116		0	116 ✓	-2.2 ✓	113.8 ✓	T	P	WDF	13595800 ✓	184	
10/31/2009	76.1		0	76.1 ✓	-2.2 ✓	73.9 ✓	T	P	WDF	14409100 ✓		
11/28/2009	75.2		0	75.2 ✓	-2.2 ✓	73 ✓	T	S	WDF			
12/26/2009	74.7		0	74.7 ✓	-2.2 ✓	72.5 ✓	T	S	WDF			
Comments												

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** S = Static, R = Recovering, P = Pumping (use one of these only)

WATER LEVEL INVENTORY SHEET

Page 1

Site name: Bandon DunesOWRD wellid (well tag): L10847T/R-S ABC#: 27s/14w/31ORWD logid: coos 50508Surface csg diam: 6"*p = G-13498
pod# 8/14**Report ID 47811*Water levels: Easy / OK / DifficultHang-ups: Y/N at None hole in well seal takes time to get by the wiringTools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		measured through top of well seal well is located by hole 13 on Bandon Dunes

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	68.6		0	68.6 ✓	-1.4 ✓	67.2 ✓	T	S	WDF	8624470 ✓	
✓ 02/26/2009	68.3		0	68.3 ✓	-1.4 ✓	66.9 ✓	T	S	WDF	8624470 ✓	
✓ 03/25/2009	67.8		0	67.8 ✓	-1.4 ✓	66.4 ✓	T	S	WDF	8624470 ✓	
✓ 04/25/2009	67.4		0	67.4 ✓	-1.1 ✓	66.3 ✓	T	S	WDF	9215960 ✓	
✓ 05/23/2009	69.6		0	69.6 ✓	-1.1 ✓	68.5 ✓	T	S	WDF	9215960 ✓	
✓ 06/20/2009	72.7		0	72.7 ✓	-1.1 ✓	71.6 ✓	T	S	WDF	9414850 ✓	
✓ 07/25/2009	98.1		0	98.1 ✓	-1.1 ✓	97 ✓	T	P	WDF	1050260 ✓	188
✓ 08/29/2009	98.8		0	98.8 ✓	-1.1 ✓	97.7 ✓	T	P	WDF	3678390 ✓	212
✓ 09/26/2009	75		0	75 ✓	-1.1 ✓	73.9 ✓	T	S	WDF	4493700 ✓	
✓ 10/30/2009	69.8		0	69.8 ✓	-1.1 ✓	68.7 ✓	T	S	WDF	4493700 ✓	
✓ 11/28/2009	69.6		0	69.6 ✓	-1.1 ✓	68.5 ✓	T	S	WDF		
✓ 12/26/2009	69.2		0	69.2 ✓	-1.1 ✓	68.1 ✓	T	S	WDF		
Comments											

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes

OWRD well id (well tag):

Old State Well

T/R-S ABC#:

ORWD logid:

Surface csg diam:

p = 6.13498
POD 9/14

6005 1252

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

Tools needed:

Measuring Points:

Date	ft+/-lstd	Description

Water Levels:

9999.99

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/29/2009	15.9		0		0	0	T		WDF		
02/26/2009	14.8		0		0	0	T		WDF		
03/25/2009	12.8		0		0	0	T		WDF		
04/25/2009	13.8		0		0	0	T		WDF		
05/23/2009	14.6		0		0	0	T		WDF		
06/20/2009	14.6		0		0	0	T		WDF		
07/25/2009	15.6		0		0	0	T		WDF		
08/29/2009	16.7		0		0	0	T		WDF		
09/26/2009	17.4		0		0	0	T		WDF		
10/31/2009	17.8		0		0	0	T		WDF		
11/28/2009	17		0		0	0	T		WDF		
12/26/2009	16.8		0		0	0	T		WDF		

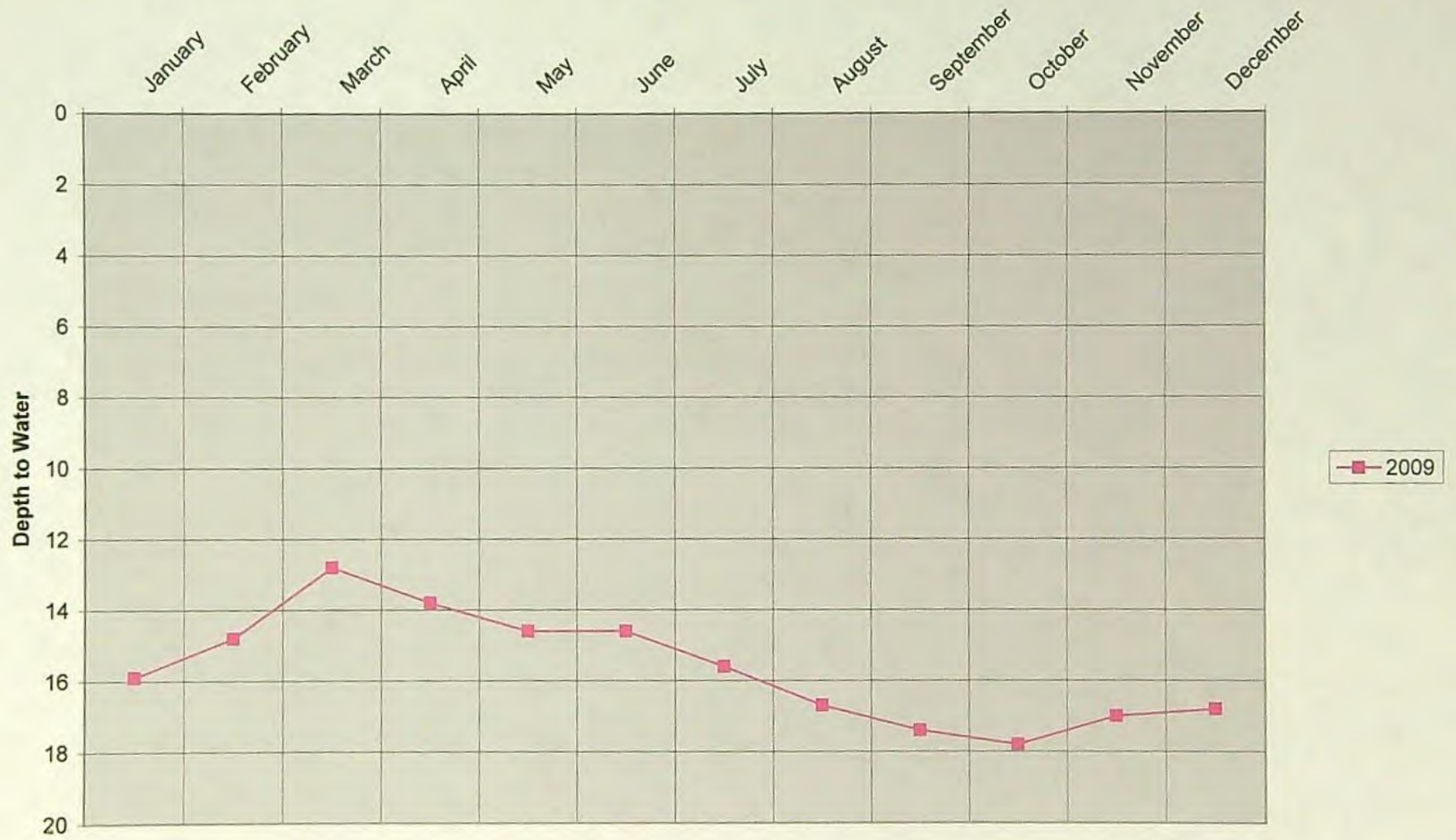
Comments:

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

State Well

Month



WATER LEVEL INVENTORY SHEETS

Site name: Bandon Dunes
Potable water supply

OWRD wellid (well tag): L25195

T/R-S ABC#: 28s/14w-5bd

ORWD logid: coos 125351152

Surface csg diam: 8"

p = G - 13498

POD 10/14

Report to 47813

Water levels: Easy / OK / Difficult Hang-ups: Y/N at None Remove vent on top of pitless adapter
Tools needed: None remove cap and measure down south end 3/8" socket and open end wrench

Measuring Points:

Date	ft+/-lsd	Description
		mp top of well seal
		Used as monitoring well.

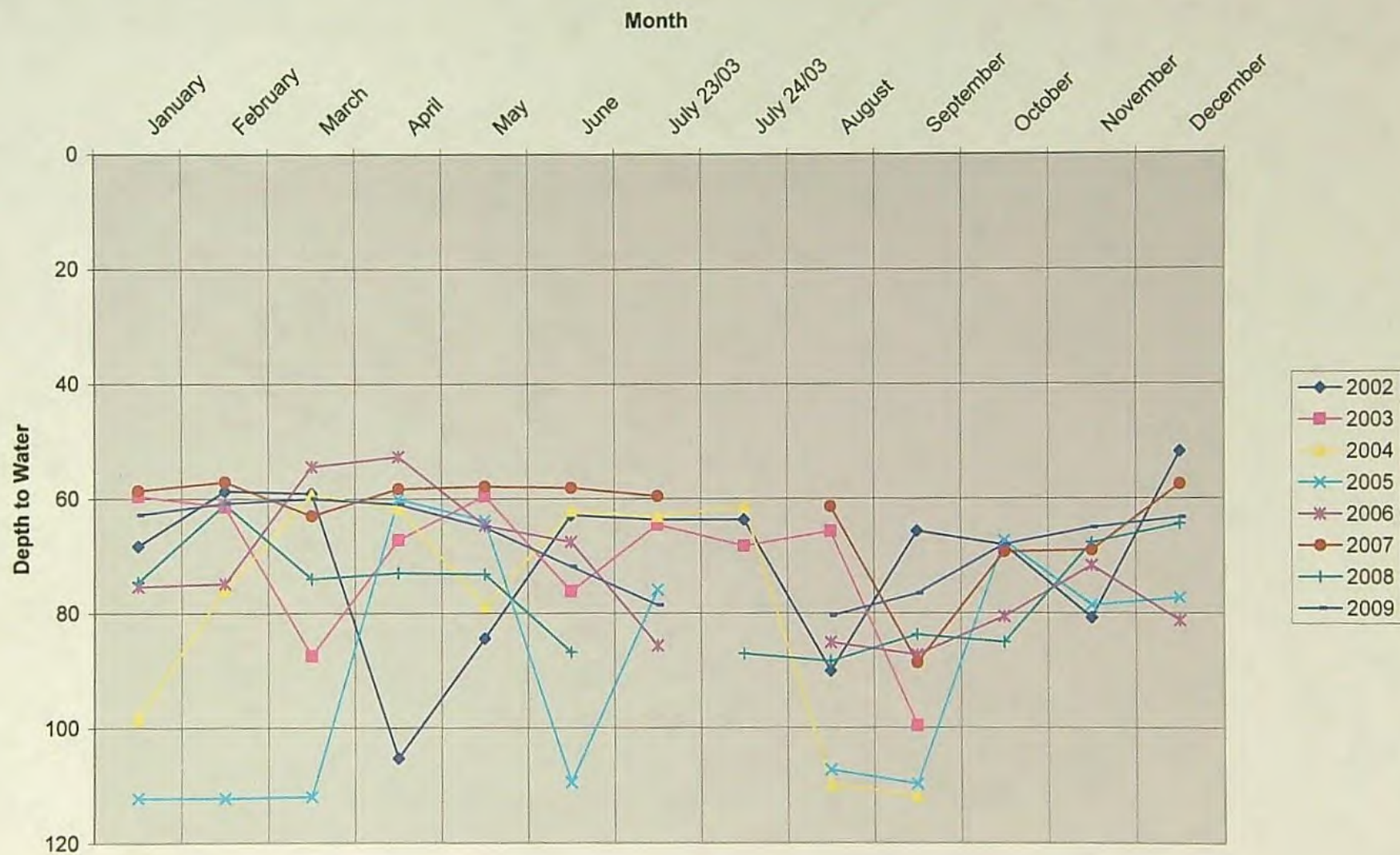
Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
01/29/2009	62.8		0	62.8 ✓	0	0	T	S	WDF	not used	Off
02/26/2009	60.8		0	60.8 ✓	0	0	T	S	WDF	not used	Off
03/25/2009	60		0	60 ✓	0	0	T	S	WDF	not used	Off
04/25/2009	61		0	61 ✓	0	0	T	S	WDF	not used	Off
05/23/2009	65		0	65 ✓	0	0	T	S	WDF	not used	Off
06/20/2009	71.9		0	71.9 ✓	0	0	T	S	WDF	not used	Off
07/25/2009	78.6		0	78.6 ✓	0	0	T	S	WDF	not used	Off
08/29/2009	80.5		0	80.5 ✓	0	0	T	S	WDF	not used	Off
09/26/2009	76.6		0	76.6 ✓	0	0	T	S	WDF	not used	Off
✓ 10/31/2009	68		0	68 ✓	0 ✓	0	T	S	WDF	not used	Off
✓ 11/28/2009	65.1		0	65.1 ✓	0 ✓	0	T	S	WDF	not used	Off
✓ 12/26/2009	63.3		0	63.3 ✓	0 ✓	0	T	S	WDF	not used	Off
Comments											

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L25195



WATER LEVEL INVENTORY SHEET

Site name: Bandon DunesOWRD wellid (well tag): L44790

T/R-S ABC#:

ORWD logid: CoosSurface csg diam: 8"p = G - 13498POD 1 1/4Report ID: 63255Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

NoneRemove vent on top of pitless adapterTools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		Used as a monitoring well.

Water Levels:

Date	Hold	Cut	Tape Strch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	63		0	63 ✓	0	0	T	S	WDF	Not Used	0
✓ 02/26/2009	61.9		0	61.9 ✓	0	0	T	S	WDF	Not Used	0
✓ 03/25/2009	58.9		0	58.9 ✓	0	0	T	S	WDF	Not Used	0
✓ 04/25/2009	60.9		0	60.9 ✓	0	0	T	S	WDF	Not Used	0
✓ 05/23/2009	64.7		0	64.7 ✓	0	0	T	S	WDF	Not Used	0
✓ 06/20/2009	71.7		0	71.7 ✓	0	0	T	S	WDF	Not Used	0
✓ 07/25/2009	78.2		0	78.2 ✓	0	0	T	S	WDF	Not Used	0
✓ 08/29/2009	79.9		0	79.9 ✓	0	0	T	S	WDF	Not Used	0
✓ 09/26/2009	76.1		0	76.1 ✓	0	0	T	S	WDF	Not Used	0
✓ 10/31/2009	67.55		0	67.55 ✓	0 ✓	0	T	S	WDF	Not Used	0
✓ 11/28/2009	64.7		0	64.7 ✓	0 ✓	0	T	S	WDF	Not Used	0
✓ 12/26/2009	62.8		0	62.8 ✓	0 ✓	0	T	S	WDF	Not Used	0

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L44790



WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes

OWRD wellid (well tag): S.E. test well

T/R-S ABC#: 28s-14w-5bd

ORWD logid: Coos 1254

Surface csg diam: 6"

p- 6-13498
POD 12/14

Report ID 03256

Water levels:

Easy / OK / Difficult

Hang-ups: Y/N at

None

Measure through well seal

Tools needed:

Measured through top of well seal

Measuring Points:

Date	ft+/-lsd	Description
		southeast of potable well

Water Levels:

Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	μS/cm Conductivity
01/29/2009	39.2		0	39.2 ✓	0 ✓	0	T	S	WDF	0	
02/26/2009	9.9		0	9.9 ✓	0 ✓	0	T	S	WDF	0	
03/25/2009	7.8		0	7.8 ✓	0 ✓	0	T	S	WDF	0	
04/25/2009	17.5		0	17.5 ✓	0 ✓	0	T	S	WDF	0	
05/23/2009	18.2		0	18.2 ✓	0 ✓	0	T	S	WDF	0	
06/20/2009	19.4		0	19.4 ✓	0 ✓	0	T	S	WDF	0	
07/25/2009	21.2		0	21.2 ✓	0 ✓	0	T	S	WDF	0	
08/29/2009	22.9		0	22.9 ✓	0 ✓	0	T	S	WDF	0	
09/26/2009	24.2		0	24.2 ✓	0 ✓	0	T	S	WDF	0	
10/31/2009	25.8		0	25.8 ✓	0 ✓	0	T	S	WDF	0	
11/28/2009	23.7		0	23.7 ✓	0 ✓	0	T	S	WDF	0	
12/26/2009	23.4		0	23.4 ✓	0 ✓	0	T	S	WDF	0	

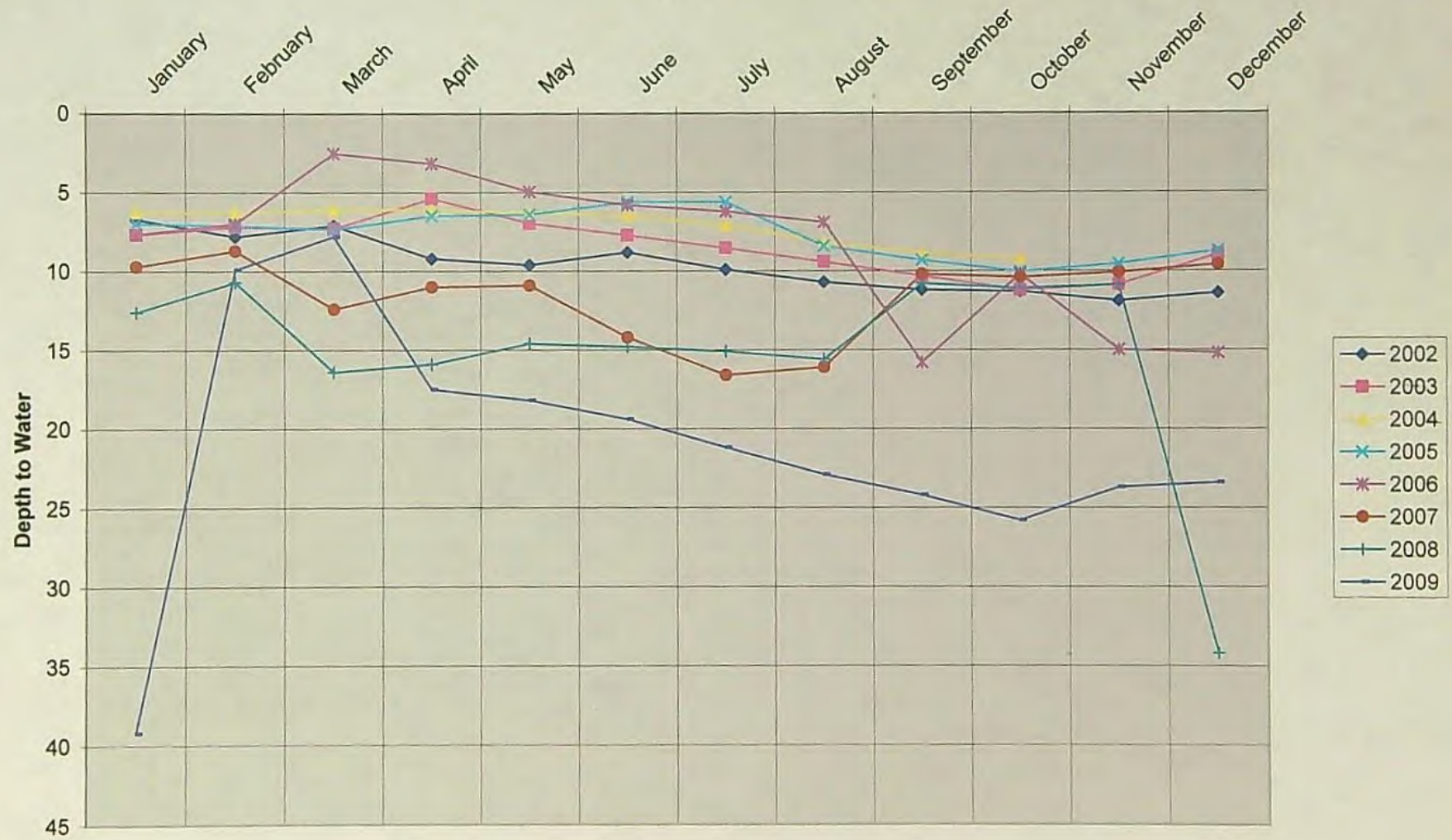
Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

S.E. test well

Month



WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Bandon Trails

OWRD wellid (well tag): L69436

T/R-S ABC#: _____

ORWD logid: _____

Surface csg diam: _____

p = G - 13498
POD 13/14

Report ID 03257

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at None Measure through well seal

Tools needed: _____

Measuring Points:

Date	ft+/-lsd	Description	By hole 14 x 15

Water Levels:

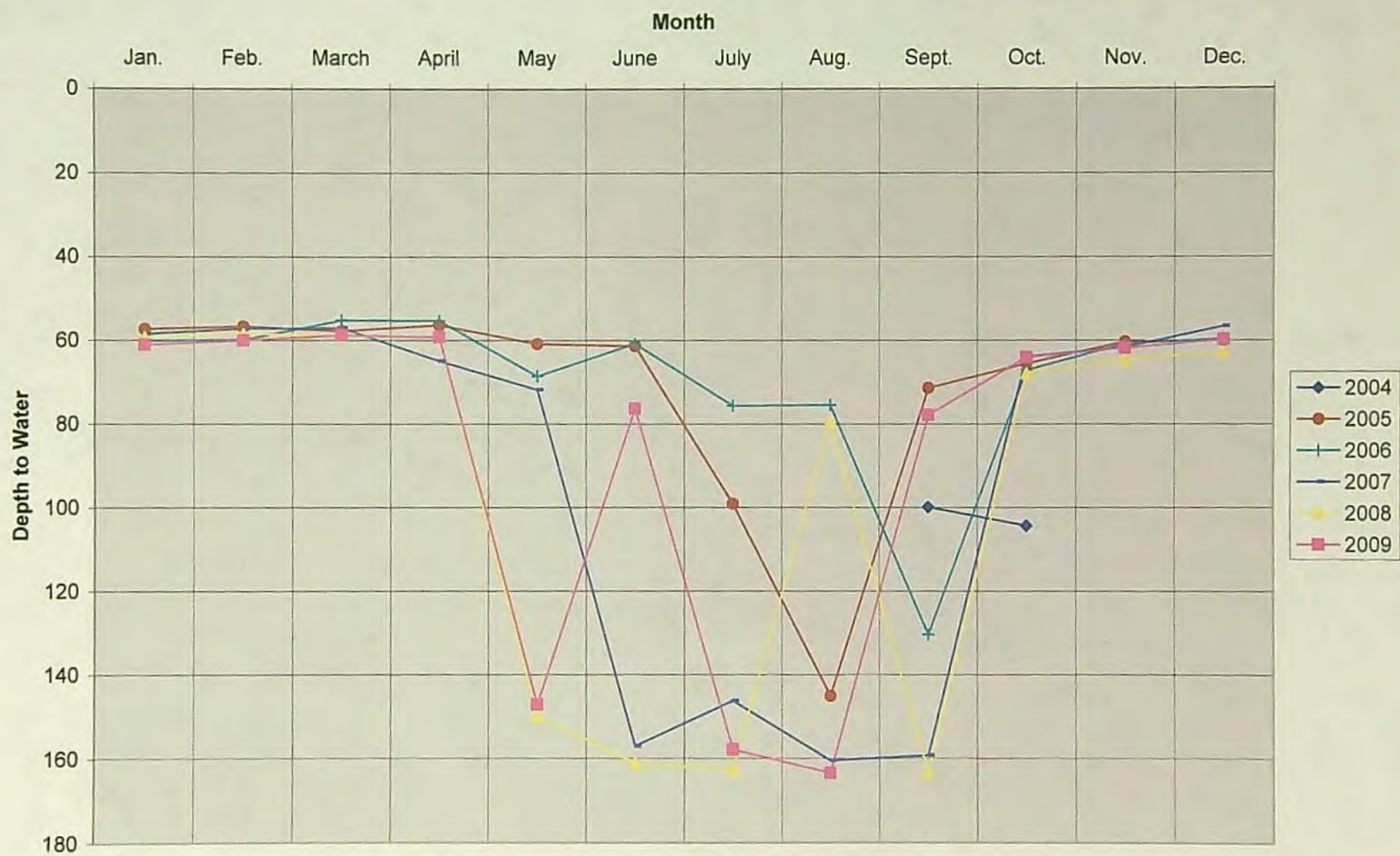
Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity
✓ 01/29/2009	61		0	61 ✓	0 ✓	0	T	S	WDF	33981800 ✓	
✓ 02/26/2009	60		0	60 ✓	0 ✓	0	T	S	WDF	33981800 ✓	
✓ 03/25/2009	58.7		0	58.7 ✓	0 ✓	0	T	S	WDF	33981800 ✓	
✓ 04/25/2009	59.2		0	59.2 ✓	0 ✓	0	T	S	WDF	33981800 ✓	
✓ 05/23/2009	147.1		0	147.1 ✓	0 ✓	0	T	P	WDF	36399000 ✓	426
✓ 06/20/2009	76.3		0	76.3 ✓	0 ✓	0	T	S	WDF	46510200 ✓	
✓ 07/25/2009	157.8		0	157.8 ✓	0 ✓	0	T	P	WDF	64172200 ✓	420
✓ 08/29/2009	163.4		0	163.4 ✓	0 ✓	0	T	P	WDF	79107100 ✓	400
✓ 09/26/2009	77.8		0	77.8 ✓	0 ✓	0	T	R	WDF	86665200 ✓	
✓ 10/31/2009	64		0	64 ✓	0 ✓	0	T	S	WDF	86665200 ✓	
✓ 11/28/2009	61.8		0	61.8 ✓	0 ✓	0	T	S	WDF		
✓ 12/26/2009	59.8		0	59.8 ✓	0 ✓	0	T	S	WDF		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L69436



WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes
Potable well

OWRD wellid (well tag): L74686

T/R-S ABC#:

ORWD logid: Coos 53275

Surface csg diam: 8"

p = G-13498
POP 14/14

Report ID 63258

Water levels: Easy / OK / Difficult

Hang-ups: Y/N at

None

Remove vent on top of pitless adapter

Tools needed: None

Measuring Points:

Date	ft+/-lsd	Description
		Backup well for main well

Water Levels:

Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	μS/cm Conductivity	
✓ 01/29/2009	73		0	73 ✓	0 ✓	0	T	P	WDF	71666300 ✓		
✓ 02/26/2009	52.8		0	52.8 ✓	0 ✓	0	T	P	WDF	72334600 ✓		
✓ 03/25/2009	55.9		0	55.9 ✓	0 ✓	0	T	P	WDF	72808800 ✓		
✓ 04/25/2009	57.1		0	57.1 ✓	0 ✓	0	T	P	WDF	73387200 ✓		
✓ 05/23/2009	74		0	74 ✓	0 ✓	0	T	P	WDF	74100800 ✓		
✓ 06/20/2009	88.6		0	88.6 ✓	0 ✓	0	T	P	WDF	74736500 ✓	448	
✓ 07/25/2009	86.1		0	86.1 ✓	0 ✓	0	T	P	WDF	75484500 ✓	477	
✓ 08/29/2009	88.2		0	88.2 ✓	0 ✓	0	T	P	WDF	76503300 ✓		
✓ 09/26/2009	89.5		0	89.5 ✓	0 ✓	0	T	P	WDF	77296100 ✓	450	
✓ 10/31/2009	62		0	62 ✓	0 ✓	0	T	P	WDF	78156700 ✓		
✓ 11/28/2009	59.6		0	59.6 ✓	0 ✓	0	T	P	WDF	78673700 ✓		
✓ 12/26/2009	58		0	58 ✓	0 ✓	0	T	P	WDF	79200700 ✓		

Comments

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

L74686



WATER LEVEL INVENTORY SHEET

Site name: Bandon Dunes

OWRD wellid (well tag): Warren's well

T/R-S ABC#:

X20179

ORWD logid:

Coos 330?

start card #

Surface csg diam:

8"

Report to 47609

Water levels:

Easy / OK / Difficult

Hang-ups: Y/N at

None

Measure through well seal

Tools needed:

Measured through top of well seal

Measuring Points:

Date	ft+/-lsd	Description

Water Levels:

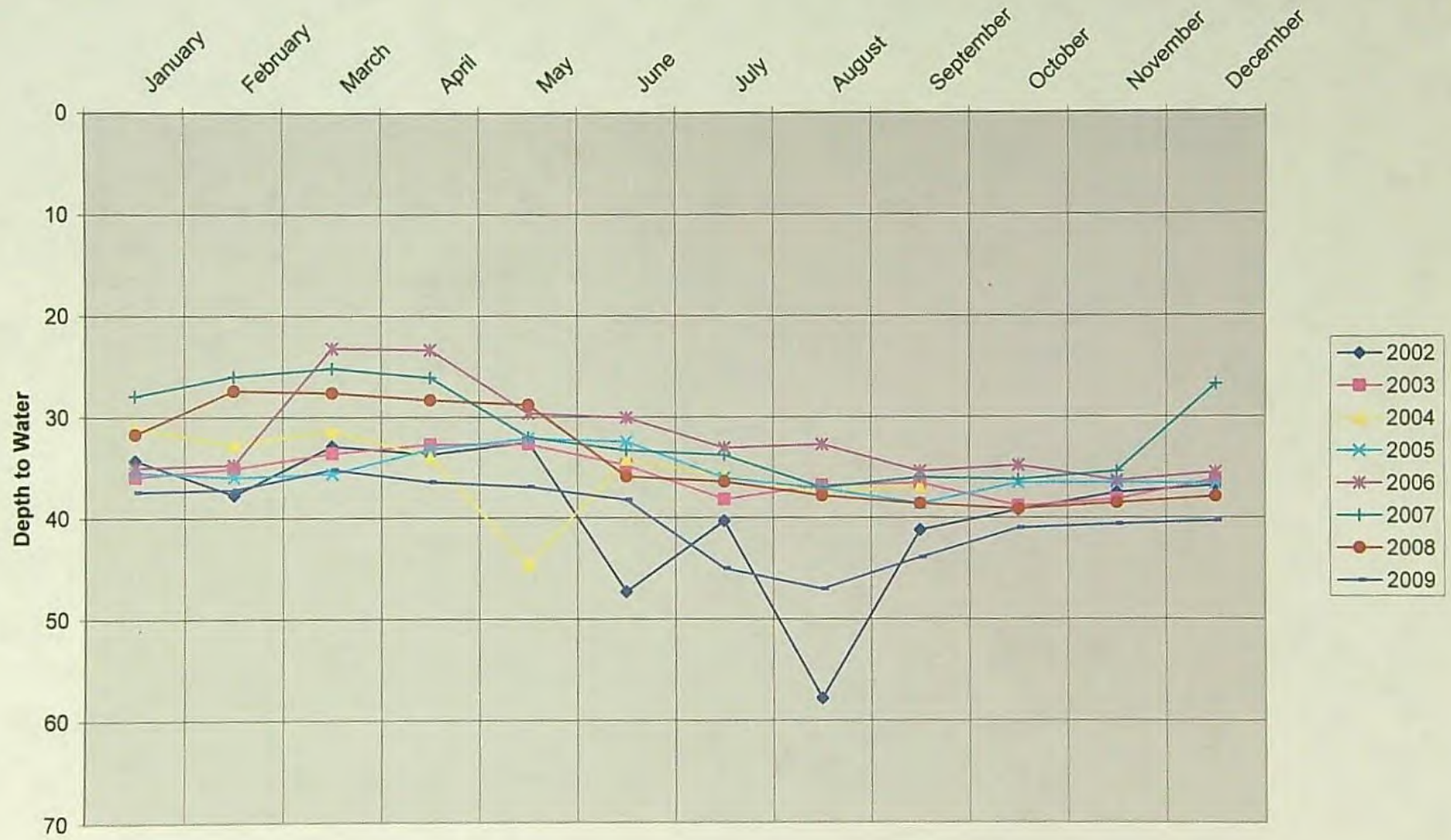
Date	Hold	Cut	Tape Strtch	WL BMP	MP corr	WL BLSD	Method *	Status **	Meas by	Flowmeter	µS/cm Conductivity	
✓ 01/29/2009	37.4		0	37.4 ✓	0	0	T	S	WDF			
✓ 02/26/2009	37.2		0	37.2 ✓	0	0	T	S	WDF			
✓ 03/25/2009	35.2		0	35.2 ✓	0	0	T	S	WDF			
✓ 04/25/2009	36.4		0	36.4 ✓	0	0	T	S	WDF			
✓ 05/23/2009	36.9		0	36.9 ✓	0	0	T	S	WDF			
✓ 06/20/2009	38.2		0	38.2 ✓	0	0	T	S	WDF			
✓ 07/25/2009	45		0	45 ✓	0	0	T	S	WDF			
✓ 08/29/2009	47		0	47 ✓	0	0	T	S	WDF			
✓ 09/26/2009	43.9		0	43.9 ✓	0	0	T	S	WDF			
✓ 10/31/2009	41		0	41 ✓	0	0	T	S	WDF			
✓ 11/28/2009	40.6		0	40.6 ✓	0	0	T	S	WDF			
✓ 12/26/2009	40.3		0	40.3 ✓	0	0	T	S	WDF			
Comments												

* A = Airline, G = Pressure Gage, R = Reported, S = Steel Tape, T = E Tape, V = Calibrated E Tape

** S = Static, R = Recovering, P = Pumping (use one of these only)

Warren's well

Month



JOHN DROLET, WATERMASTER
COOS COUNTY COURTHOUSE
COQUILLE, OR 97423

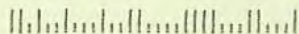
EUGENE, OR 974

06/05/96 23:19

DCR 1

OREGON WATER RESOURCES DEPARTMENT
158 12TH STREET NE
SALEM, OR 97310

POSTAGE
FIRST CLASS



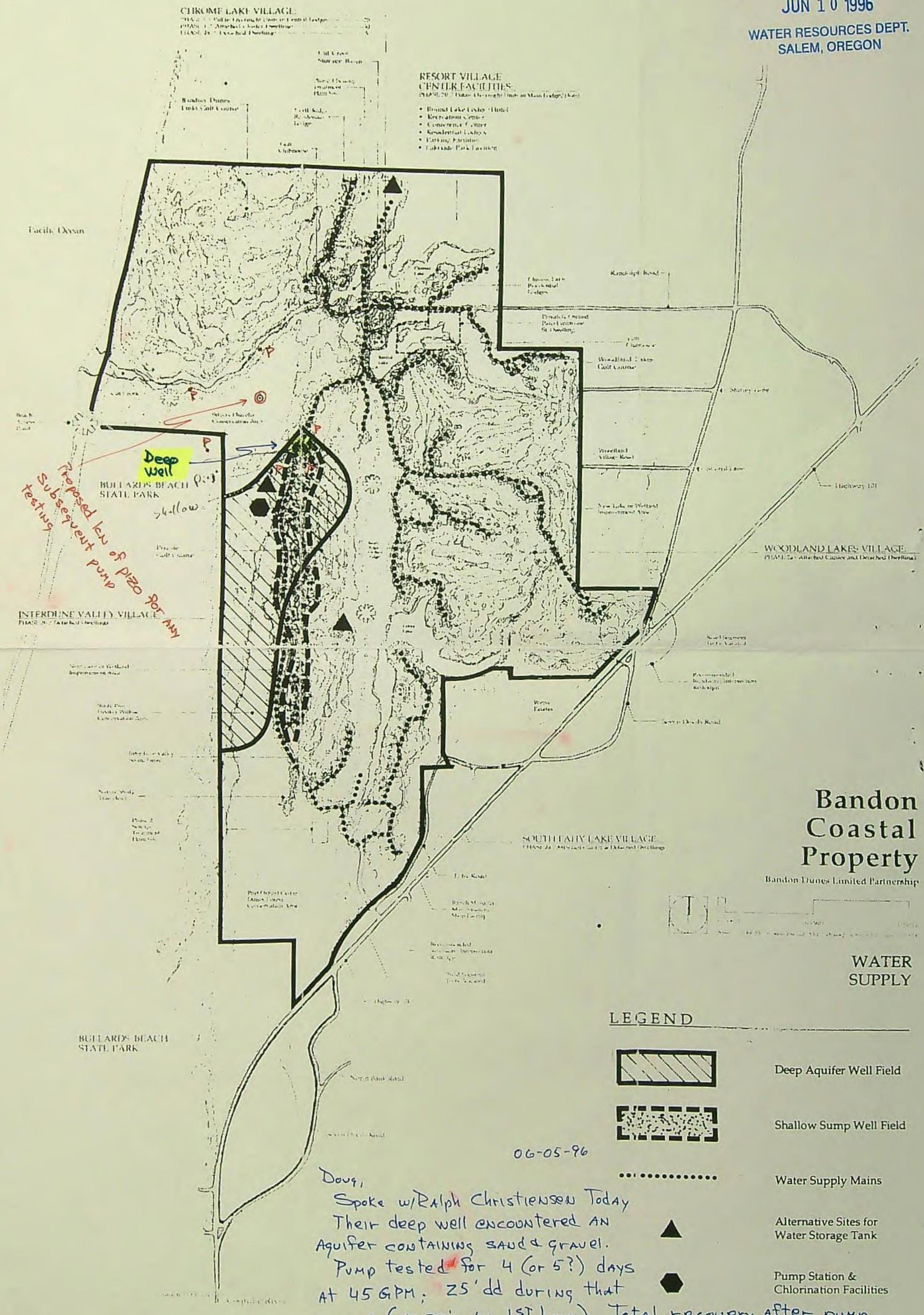
TO: Doug Woodcock
 FM: JPD
 Sub: Bndu Dunes Resort

06-05-96

RECEIVED

JUN 10 1996

WATER RESOURCES DEPT.
 SALEM, OREGON



06-05-96

Doug,
 Spoke w/Ralph Christensen Today
 Their deep well encountered AN
 Aquifer containing sand & gravel.
 Pump tested for 4 (or 5?) days
 At 45 GPM; 25' dd during that
 period (≈ 20' w/in 1st hour). Total recovery after pump
 test w/in several hours.
 No fluctuation in pizo's, shallow well nearby, or dom wells
 at some distance.

JPD

Figure S-8

204206-04

PW-5

27-14-31

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D.# L10848

(START CARD) # 93055

Instructions for completing this report are on the last page of this form.

Pg 1

(1) OWNER:

Name Eyr Well Number 508
Address _____
City EUGENE State OR Zip 97401

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/reconstruction) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 180' 9"
Explosives used ☐ Yes ☒ No Type _____

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
12 1/4"	0	180	Bentonite	0	30	28 5x
6"	180	185	Concrete	30	130	52 5x

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E☒ Other Bentonite Poured on Surface

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from 135 ft. to 180 ft. Size of gravel 6/9

(6) CASING/LINER:

Diameter	From	To	Gauge	Slot	Welded	Threaded
8"	0	148	250	1/8"	☒	☐
8"	148	180	250	1/8"	☒	☐
(Tail Pipe)					☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method Attached to Casing
☒ Screens Type Houston Material Steel

From	To	Slot size	Number	Diameter	Casing	Liner
148'	160'	0.070	8"	1/2"	☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump	☐ Bailer	☐ Air	Flowing
Yield gal/min	Drawdown	Drill stem at	Time
170	20' 3"	140'	1 hr.
170	20' 11"	140'	2
170	21' 3 1/2"	140'	3
170	21' 7"	140'	4

Temperature of water 52 Depth After Flow FoundWas a water analysis done? ☒ Yes By whom BULLY 5Did any strata contain water not suitable for intended use? ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Coos Latitude _____ Longitude _____
Township 27 N or S Range 14 E or W WM.
Section 31 NE 1/4 SE 1/4
Tax Lot 400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 5001 Franklin St Bandon

(10) STATIC WATER LEVEL:

78' 3" ft. below land surface. Date 7/22/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 10'

From	To	Estimated Flow Rate	SWL
10	61	50+	10'
105	138	100+	65'
148	177	540 GPM	78'

(12) WELL LOG:

Ground Elevation +1-300'

Material	From	To	SWL
Fill	0	2	
Sand Fine Brown	2	6	
Coarsest Sand Brown	6	10	10
Sand Fine-med w/	10	22	
Sandy Clay Lenses			
Sandy Clay White	22	24	
Sand Fine-med Brown	24	30	
Sandy Clay Tan	30	34	
Sand Brown Fine-med	34	40	
Peat	40	41	
Sand Fine-med Brown	41	45	
Gravel Fine-med w/ sand	45	55	
Med-Fine Brown			
Sand CRS-Fine w/ Gravel	55	73	
Fine-med Brown			
Gravel Fine-med w/ sand	73	80	
CRS-Fine Gravel Brown			
Gravel med-Fine w/	80	81	
Sand CRS-Fine Gravel			

Date started 6/1/97 Completed 7/24/97

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standard. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____
Signed Bandon Well + Septic Co Inc

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1493
Signed Jim M... M... Co Date 7/25/97

204208-94

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D.# L10840(START CARD) # 93055

Instructions for completing this report are on the last page of this form.

Pg 2

(1) OWNER:

Name EGR Well Number 508
Address _____
City EUGENE State OR Zip 97402

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☒ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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

☐ Other

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material			
		Type		Telo/pipe size			
From	To	Slot size	Number	Diameter	Casing	Liner	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	

(8) WELL TESTS: Minimum testing time is 1 hour

		Method		Material			
		Type		Telo/pipe size			
From	To	Slot size	Number	Diameter	Casing	Liner	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County COOS Latitude _____ Longitude _____
Township 27 N or S Range 14 E or W WM.
Section 31 NE 1/4 SE 1/4
Tax Lot 400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) End of Randolph Rd West Bandon

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Clay Gray w/wood + Gravel/CBS	81	85	
Sandy Clay Gray	85	92	
Clay w/ Buck Wood	92	93	
Clay Gray	93	99	
Clay Ben w/ Root + wood	99	101	
Clay Blue Gray	101	106	
Gravel CBS - Fine w/ Sand Gray	106	120	67.5
Fine Gravel w/ Clay Lenses + wood	120	124	
Sand CBS - Fine Gray	124	131	
Sandy Peat Brown	131	135	
Sand med - Fine Gray	135	138	
Sandy Clay Gray	138	148	
Sand med - Fine w/ sand	148	168	78.3
CBS - Fine Gray			
Gravel Fine-med w/ Gray	168	178	
Clay Lenses			
Gravel Fine - CBS w/ sand	171	177	
Fine - CBS Gray			
Sandy Clay Gray	177	185	

Date started 6/11/97 Completed 7/24/97

(banded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number _____

Signed Bandon Well & Septic Co. Inc. Date _____

(banded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1493

Signed Jim MacLachlan M.G.W.C. Date 7/25/97

**FAX**

IF YOU HAVE ANY PROBLEMS WITH THIS TRANSMISSION, CALL (541)688-8322 OR
FAX (541) 688-8087

Date 17 July '97

Number of pages including cover sheet

To:

Doug Woodcock
OR Water Resources Dept.
158 12th St. NE
Salem, OR 97310

Phone

Fax Phone 378-2496

CC:

From:

Ralph Christensen
EGR & Assoc.

Phone (541) 688-8322

Fax Phone (541) 688-8087

REMARKS:

☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

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EGR & Associates, Inc.

Engineers, Geologists and Surveyors

2535B Prairie Road
Eugene, Oregon 97402
(541) 688-8322
Fax (541) 688-8087

July 12, 1997

Mr. Doug Woodcock
Hydrogeologist
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, Oregon 97310-0210

RE: Water Right Application G-13577 and Limited License Application LL-0245

Dear Mr. Woodcock:

Thank you for your July 9, 1997 site visit to the Bandon Coastal Dunes project site. I trust the visit has been helpful in your understanding of the layout of the project, the area which it covers, and the large number of possible points of diversion. As I indicated during the visit, it appears that conventional wells tapping deeper aquifers will best serve the golf course's needs and therefore we are currently no longer planning on using sump wells. Silty sand and clay layers separate the deep aquifers from the shallow (near surface) aquifer which is the primary summer water supply for Cut Creek. Further, as you saw, we are spreading the points of diversion over a much broader area than originally envisioned.

The change in the types of wells used to recover water and their distribution will eliminate, or reduce to insignificance, the potential for interference between ground water withdrawal and Cut Creek (and other area streams) since we will not be withdrawing water from the shallow aquifer. The previous five day pump test data showed that the deeper aquifers have significantly lower heads than the shallow aquifer and the shallow aquifer did not respond to the 5 day pumping test indicating the connection is at best very poor. Further, this indicates the shallow aquifer already has a net recharge effect to the deeper aquifers.

For the Limited License we will be using water from four sources: the deep well which was drilled south Cut Creek [PW-2] and the main development center; the two new wells [PW-4 & PW-5] just being completed on the terrace where the first golf course is being constructed; and the "Shuman" well which is an existing well near the north end of the newly acquired Shuman property. Well logs for the Shuman well and the three original test wells (two shallow [PW-1 & PW-3] and one deep [PW-2]) are included with this letter. The two new wells do not yet have well logs as they are just now being completed (the screens for these wells having just arrived).

The two new wells drilled out on the terrace are more than 2,000 feet west of any other wells or surface water diversions. PW-4 is 1,580 feet from Cut Creek and 1,120 feet from the ocean. PW-5 is 1,950 feet from Cut Creek and 1,675 feet from the ocean. The field notes for these two new wells are reduced to summary logs as follows:

Material Logs: *layers to be screened and utilized as water supply; shading in gravel layers for clarity; depths of the logs are staggered in the following table for comparison of depths (wells top elevations are estimated to be within 15 feet, unsurveyed).

PW-4		PW-5	
Depth (feet)	Material	Depth	Material
0 - 2	Sand	0 - 2	fill from site preparation
2 - 13	Fine Sand w/interbedded clay	2 - 6	fine brown sand
		6 - 10	cemented sand, brown
13 - 23	brown sand, fine to medium	10 - 22	fine to medium sand w/sandy clay lenses
23 - 30	peat w/fine to medium sand	22 - 24	sandy clay, white
		24 - 30	fine brown sand
30 - 34	sandy clay w/peat	30 - 34	sandy clay, tan
34 - 40	fine to medium blue-gray sand	34 - 40	brown sand, medium to fine
40 - 65	fine to medium gravel w/sand	40 - 41	peat
		41 - 45	fine to medium brown sand

		45 - 55	medium to fine sandy gravel, brown
65 - 72	gravelly sand fine to coarse, blue-gray	55 - 73	gravelly sand, coarse to fine
72 - 83	gray clay w/wood	73 - 80	sandy gravel, medium to fine, orange to brown
83 - 91	unrecovered	80 - 81	sandy gravel, medium to fine, gray
		81 - 85	gray clay w/wood and gravel
91 - 92	wood	85 - 92	gray sandy clay
92 - 94	wood w/peat	92 - 93	clay w/burnt wood
94 - 96	gray sandy clay	93 - 99	gray clay
		99 - 101	brown clay w/burnt wood
		101 - 106	blue-gray clay
96* - 116*	*gray sandy gravel coarse to fine	106 - 120	sandy gravel, coarse to fine, gray
116 - 133	blue-gray medium to fine sand	120 - 124	fine gravel w/clay lenses and wood
		124 - 131	gray sand, fine to coarse
		131 - 135	sandy peat, brown
133 - 142	gray clay w/wood	135 - 138	gray sand, medium to fine
142 - 149	gray clay	138 - 148	sandy clay, gray

149 - 173	gray sandy clay	*148 - *168	*medium to fine sandy gravel, gray
173 - 185	sandy gravel medium to fine green	168 - 171	gravel w/clay interbeds, gray
		171 - 177	sandy gravel coarse to fine, gray
		177 - 185	sandy clay, gray
185 - 196	sandy gravel medium to fine green w/clay lenses		
196 - 216	gray sandy clay		
216 - 243	gray sandy clay medium sand		

The two new wells will be sealed from the surface to just above the screened zone. Screens will be 10 feet long with a sand pack. It can be seen from the logs that low permeability layers are common between the gravel aquifer zones. The deepest zone of PW-3 will not be used and this portion of the well will be sealed off using cement.

The water to be used for the Water Right Permit Application G-13577 will initially come from the same the four wells as in the limited license. We propose to add additional wells for the permit in the areas outlined in our May 27, 1997 letter and accompanying map. With the installation of the new deep wells, which do not have direct impact on any surface water bodies, we would propose the following conditions on the water right permit:

1. Monitor water levels in all on-site wells and piezometers for the first three years after bringing the wells on-line. Water levels would be taken at least monthly for the first year, and quarterly for the next two years. Piezometers will be installed near PW-4 and water levels read from these piezometers as well.
2. Each new well (either before being installed and/or put into service) will be reviewed by the WRD to confirm the well is unlikely to cause interference with other water rights or surface water streams. If an interference is likely the well

location may moved or mitigation measures instituted (such as a percentage of the flow returned to the affected stream).

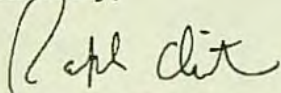
3. Meters on all water sources used on the site.
4. At least quarterly monitoring of conductivity in production wells will be used to monitor against salt water intrusion where drawdowns project below seas level.

Any other usual conditions established by the WRD for ground water permits will also be expected to appear on this permit.

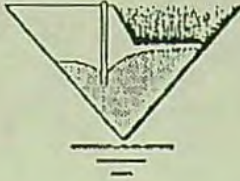
Included with this letter is also the map of the terrace area showing the locations of the new PW-4 and PW-5 wells. Other wells and piezometer locations are shown on maps previously submitted to the Department.

If we can provide any other information please let us know immediately as the Limited License is now been in process for some time and the need to start construction activities and clean up the site is pressing. We would also like to move the Water Right Permit Application through the process as expeditiously as possible. Anything you can do to move this application along would be appreciated. We will gladly work with you to set permit conditions to expedite the process.

Sincerely,



Ralph W. Christensen RPG
Principal Geologist



EGR & ASSOCIATES, Inc.
2545 K Prairie Road, Eugene, Oregon 97402
Phone (541) 688-8322 - FAX (541) 688-8087

DATE:

5/5/97

TO:

Doug Woodcock

REPRESENTING:

WRD

PROJECT:

FROM:

EGR RALPH CHRISTENSEN

REGARDING:

TOTAL PAGES (INCLUDING THIS COVER PAGE): 2

COMMENTS:

IF YOU HAVE ANY PROBLEMS WITH THIS TRANSMISSION CALL (541) 688-8322 -
FAX (541) 688-8087

SENT TO FAX NUMBER: (503) 378-8130

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D.# 40847

27-14-31 NE-SE
(START CARD) # 93052

Instructions for completing this report are on the last page of this form.

(1) OWNER:

Name EGR Well Number 498
Address 4445 K. Prairie Road
City Eugene State OR Zip 97402

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 108' ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
12 1/4"	0	127	Bentonite Cement	30	74	145X
6"	127	243	Cement	130	243	175X

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

☒ Other Bentonite Poured from surface

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from 74 ft. to 120 ft. Size of gravel 6/9

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 8"	+1'6"	96'	12.50	☒	☐	☒	☐
	116	126	12.50	☒	☐	☒	☐
	(Tail Pipe)			☐	☐	☐	☐
Liner:				☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method Attached to Casing
☒ Screens Type Horton V-wire Material Stainless Steel

From	To	Slot size	Number	Diameter	Telephone size	Casing	Liner
96'	116'	.070		8"	Pipe	☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100	11' 8 1/2"	95'	1 hr.
100	13' 2 1/2"	95'	2 hrs
100	15' 2 1/2"	95'	3 hrs
100	16' 4 1/2"	95'	4 hrs

Temperature of water 52° Depth Artesian Flow Found _____
Was a water analysis done? ☒ Yes By whom Buys
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Coos Latitude _____ Longitude _____
Township 27 N or S Range 14 E or W W.M.
Section 31 NE 1/4 SE 1/4
Tax Lot 400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) End of Randolph Road W. Bandon

(10) STATIC WATER LEVEL:

67' 3 1/2" ft. below land surface. Date 7/15/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 10'

From	To	Estimated Flow Rate	SWL
10	72'	+/- 100	10'
96'	133'	+/- 16.4 GPM	67' 3 1/2"
173	185'	+/- 50	-
Specific Capacity 5.47 GPM/FT of DD			

(12) WELL LOG:

Ground Elevation +/- 300'

Material	From	To	SWL
Sand Fine Brown	0	2	
Sand Fine Ben w/ interbed clay	2	13	10'
Sand Fine-med Brown	13	23	
Peat w/ Sand Fine-med BRN	23	30	
Sandy Clay Gray w/ Peat kness	30	34	
Sandy Blue Gray Fine-med	34	40	
Gravel Fine-med w/ sand	40	65	
Fine-med Blue Gray			
Sand CRS-Fine w/ Gravel	65	72	
w/ Gravel Fine-med Blue Gray			
Clay Gray w/ wood 30%	72	74	
Clay Gray w/ wood 10%	74	91	
Wood	91	92	
Wood w/ Peat	92	94	
Sandy Clay Gray	94	96	
Gravel CRS-Fine w/ sand	96	116	67' 3 1/2"
Med-Fine Gray			
Sand med-Fine Blue Gray	116	133	
Clay Gray w/ wood	133	142	
Continued on Pg 2			

Date started 5/29/97 Completed 7/17/97

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number _____

Signed Bandon Well + Septic Contr Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1493

Signed Jim Meek-L. McGee Date 7/21/97

May 9, 1997

Ralph Christensen
EGR & Associates Inc.
2545 K Prairie Rd.
Eugene, Oregon 97402

RE: Application G-13577, Bandon Dunes Limited Partnership

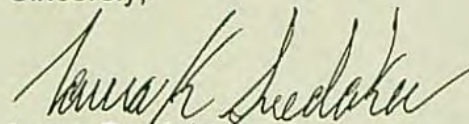
Dear Mr. Christensen:

This is in response to your letter dated May 8, 1997, requesting a three month delay on further processing of the above identified application. The Department is granting your request.

The Department will not take any action on this application until after August 15, 1997. Please let us know if you are ready to proceed sooner.

If you have any questions, please feel free to give me a call. I can be reached at (503) 378-8455, extension 331, or toll free from within Oregon at 1 (800) 624-3199, extension 331.

Sincerely,



Laura Snedaker
Senior Water Rights Examiner

cc: File G-13577
John Drolet, Watermaster District 19
Bandon Dunes Limited Partnership, applicant



Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130



EGR & Associates, Inc.
Engineers, Geologists and Surveyors

2545 K Prairie Road,
Eugene, Oregon 97402
(503) 688-8322

To: Jake Szramck
From: Ralph Christensen
CC: John Drolet
Date: May 8, 1997
Re: G-13577

Post-it® Fax Note	7671	Date	# of pages 1
To	Jake Szramck	From	Ralph Christensen
Co./Dept.	WRD	Co.	EGR
Phone #	6203	Phone #	688-8322
Fax #	378- 8456	Fax #	688-8087

Request for Delay

As you requested by telephone today, we request that you continue the delay on processing the Ground Water Application G-13577 for Bandon Coastal Dunes, Limited Partnership. We have been completing some additional ground water exploration, some additional property has been purchased, and we are preparing a request letter to reduce the requested flow, change the number and distribution of points of diversion, and modify the points of use. We believe a 3 month delay until August 15, 1997, would be appropriate, though we believe that all of the materials will be ready for processing well before that time.

Draft

May 7, 1997

Jake Szramck,
Water Rights Specialist
Oregon Water Resources Department
158 12th Street NE
Salem, Oregon 97310-0210

RE: G-13577, Bandon Coastal Dunes, Limited Partnership

Dear Mr. Szramck:

This letter is in response to our conversation of May 1, 1997, and a conversation with Mr. Woodcock on that same date. We are requesting a modification of Water Right Application G-13577 to reflect a lower total requested pumping rate; a further refinement and clarification of the points of diversion as outlined in the March 25, 1997, letter; and a modification to the location of the requested irrigated lands.

We have prepared a new area map which identifies potential well sites (both sump and conventional wells), potential excavated reservoir sites, and the existing wells which might be used on the properties. The property lines, as outlined on the map, are contiguous and under the control of the same owner. The location of the "¼ mile" line from fresh surface water sources is also identified on the maps for reference. We have also identified the areas within which we propose that individual sump wells or conventional wells, as previously identified, may be moved or placed to avoid wetlands, cultural features, poor production areas, access problems, and other technical considerations.

We expect that each conventional and sump will produce between 60 and 80 gpm. We have also been told by Jim Mack, of Bandon Well and Pump, that a properly screened conventional well that fully penetrates the available sand aquifer might produce as much as 100 to 200 gpm. A test well on the terrace in the area of the first golf course is currently planned.

The existing well identified toward the north end of the property (labeled "A" on the area map) is the David Shuman well. This well produces about 50 gpm according to a recent pumping test (test results attached). No water right associated with this property has been identified to date. The existing

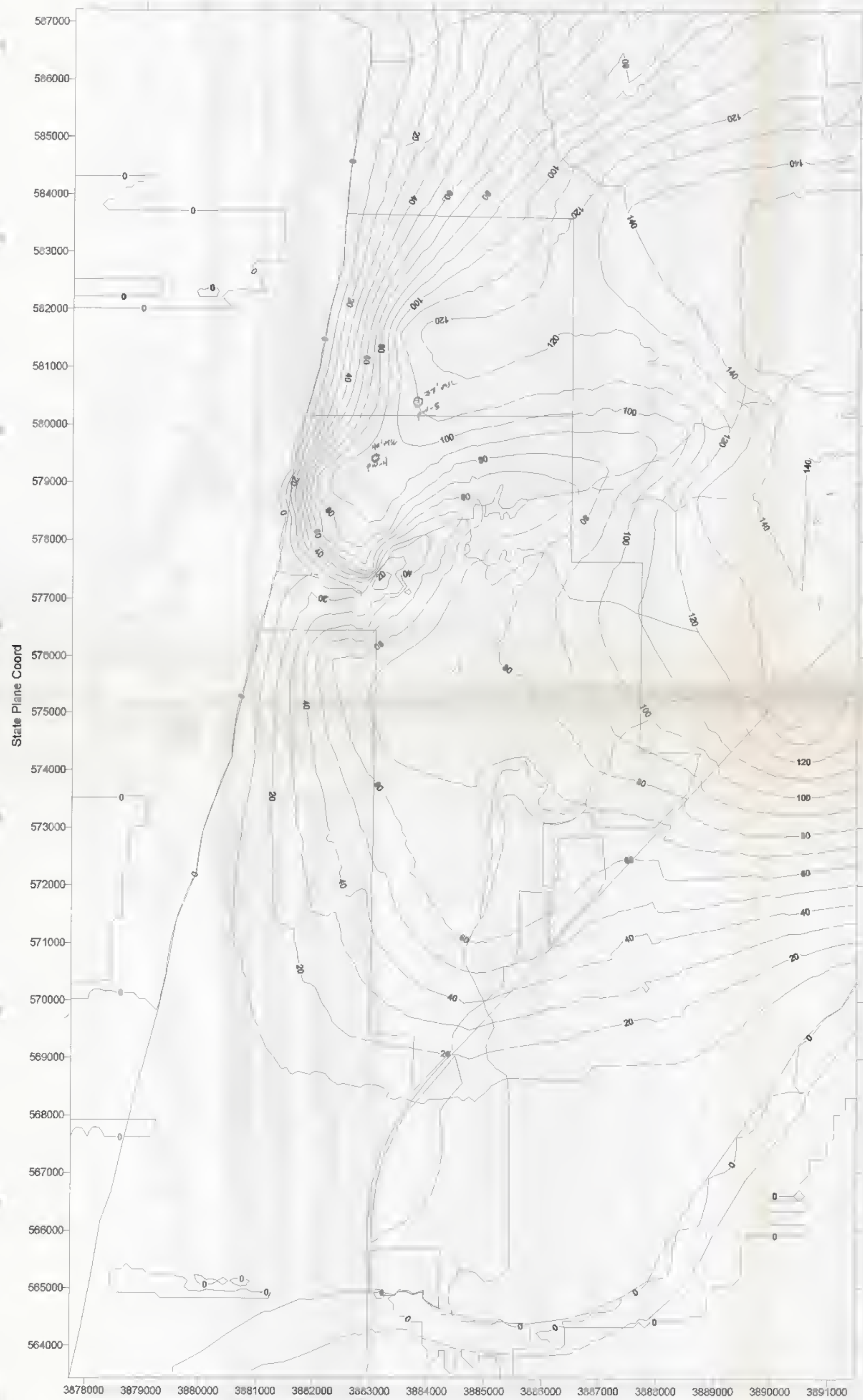
well labeled "B" in the center of the property is the exploration well drilled for this project. The most recent long term pumping test on this well (5 days long) indicated a continuous production of 80 gpm was possible (test results attached). These wells will be preferentially used for domestic/commercial uses. If necessary water from sump wells will be treated as surface water for domestic use should the drilled wells fail to sustain adequate flows.

A separate map is also attached which indicates the additional areas of irrigation use. The new points of use are on lands to the north of the previously requested points of use, and are to be used for irrigation of pasture grasses (which will help control gorse). These additional lands are under the same ownership. The total acres of irrigation is now ____ acres. The original application requested ____ acres of irrigation.

The total quantity of water now requested is hereby reduced to 3.55 cfs from the originally requested 5.83 cfs, allocated as follows:

- 0.46 cfs for domestic and commercial uses associated with the Destination Resort as prescribed under Oregon Law and Coos County Ordinance.
- 2.32 cfs for irrigation on ____ acres of golf courses and landscaping (as previously requested) associated with the Destination Resort. The water will be pumped from several drilled and sump wells to one or more excavated reservoirs (located on the terrace near the first golf course) where it will be distributed to the golf courses. Additional excavated reservoirs will be constructed as necessary near the points of use.
- 0.77 cfs for irrigation on ____ acres of pasture, grass lands, and nursery areas for control of gorse, grazing, and plant propagation. These areas are north of the Destination Resort area. Water will be delivered through the same water collection, storage, and distribution system as listed above.

Thus a total of 3.55 cfs (1595 gpm) is requested for ____ acres or ____/____ of a cfs per acre.





EC

May 21, 1997

Jake Szramck,
Water Rights Sp
Oregon Water F
158 12th Street
Salem, Oregon 97310-0210

The pump test results were not completed by this morning, but I should be able to FAX them later w/ hand copy to follow.

Ralph Christensen
5/22/97

Doug:

Here is a later draft of the letter, it appears we will ask for about 500 acres of irrigation up from 300. Flow will reduce from 5.88 cfs to 3.55 cfs.

RE: G-13577, Bandon Coastal Dunes, Limited Partnership

Dear Mr. Szramck:

This letter is in response to our conversation of May 1, 1997, and a conversation with Mr. Woodcock on that same date. We are requesting a modification of Water Right Application G-13577 to reflect a lower total requested pumping rate; a further refinement and clarification of the points of diversion as outlined in the March 25, 1997, letter; and a modification to the location of the requested irrigated lands.

We have prepared a new area map which identifies potential well sites (both sump and conventional wells), potential excavated reservoir sites, and the existing wells which might be used on the properties. The property lines, as outlined on the map, are contiguous and under the control of the same owner. The location of the "¼ mile" line from fresh surface water sources is also identified on the maps for reference. We have also identified the areas within which we propose that individual sump wells or conventional wells, as previously identified, may be moved or placed to avoid wetlands, cultural features, poor production areas, access problems, and other technical considerations.

We expect that each conventional and sump will produce between 60 and 80 gpm. We have also been told by Jim Mack, of Bandon Well and Pump, that a properly screened conventional well that fully penetrates the available sand aquifer might produce as much as 100 to 200 gpm. A test well on the terrace in the area of the first golf course is currently planned.

The existing well identified toward the north end of the property (labeled "A" on the area map) is the David Shuman well. This well produces about 50 gpm according to a recent pumping test (test results attached). No water right associated with this property has been identified to date. The existing well labeled "B" in the center of the property is the 120 foot deep exploration well

The pump test results were not completed by this morning, but I should be able to FAX them later w/ hand copy to follow.

Ralph Christensen

5/22/97

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EGR & Associates, Inc.

Engineers, Geologists and Surveyors

2535B Prairie Road
Eugene, Oregon 97402
(541) 688-8322
Fax (541) 688-8087

May 21, 1997

Jake Szramck,
Water Rights Specialist
Oregon Water Resources Department
158 12th Street NE
Salem, Oregon 97310-0210

DRAFT

RE: G-13577, Bandon Coastal Dunes, Limited Partnership

Dear Mr. Szramck:

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A separate map is also attached which indicates the additional areas of irrigation use. The new points of use are on lands to the north and east of the previously requested points of use, and are to be used for irrigation of pasture grasses (which will help control gorse). These additional lands are under the same ownership. The actual ground to be irrigated will be determine in the proof survey since the layout of the irrigation system is still changing. The total acres of irrigation now outlined is 500 acres. The original application requested 300 acres of irrigation.

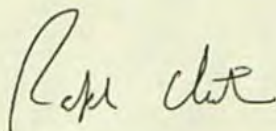
The total quantity of water now requested is hereby reduced to 3.55 cfs from the originally requested 5.88 cfs, allocated as follows:

- 0.46 cfs for domestic and commercial uses associated with the Destination Resort as prescribed under Oregon Law and Coos County Ordinance.
- 2.32 cfs for irrigation on 300 acres of golf courses and landscaping (as previously requested) associated with the Destination Resort. The water will be pumped from several drilled and sump wells to one or more excavated reservoirs (located on the terrace near the first golf course) where it will be distributed to the golf courses. Additional excavated reservoirs will be constructed as necessary near the points of use.
- 0.77 cfs for irrigation on 200 acres of pasture, grass lands, and nursery areas for control of gorse, grazing, and plant propagation. These areas are north of the Destination Resort area. Water will be delivered through the same water collection, storage, and distribution system as listed above.

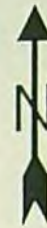
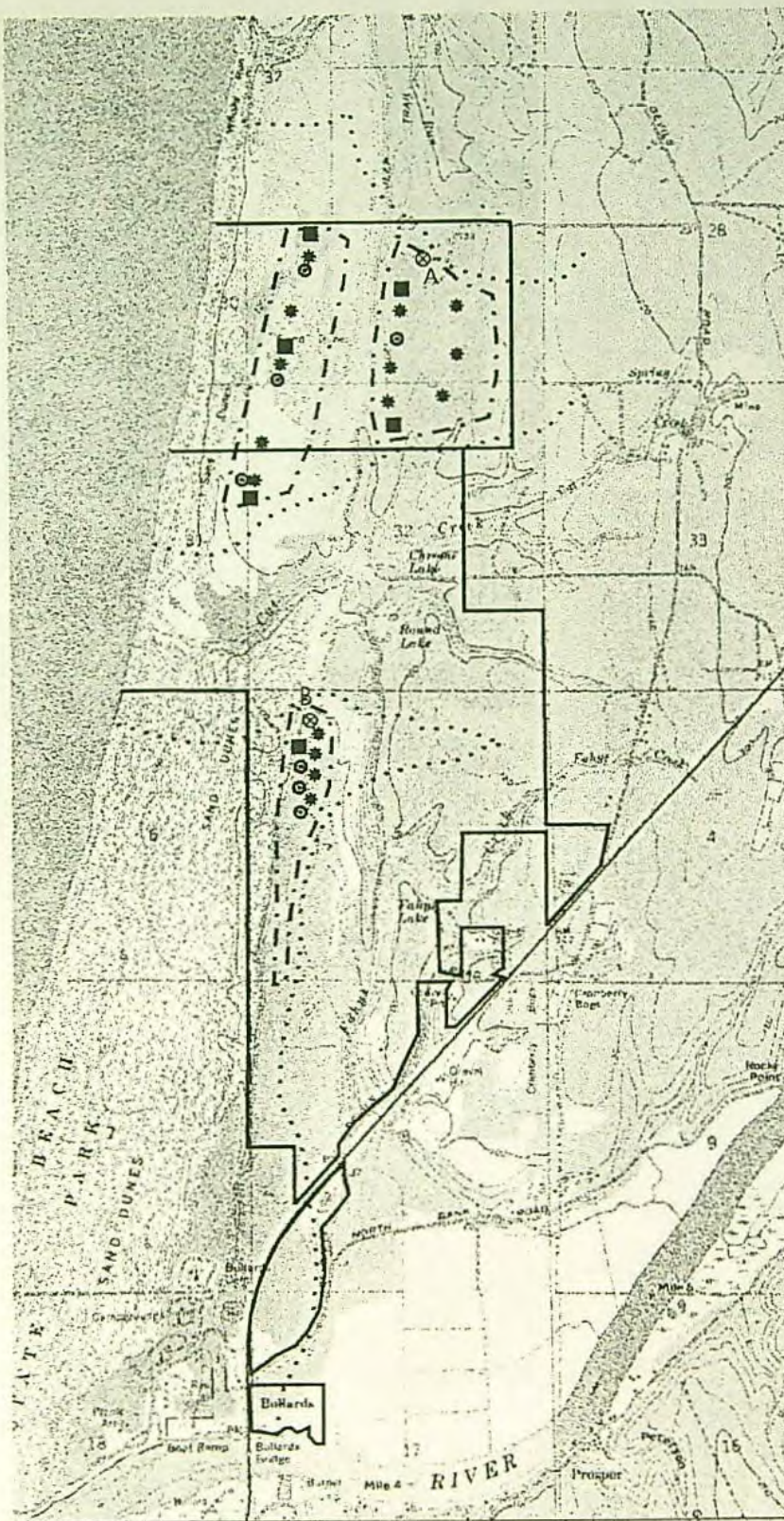
Thus a total of 3.55 cfs (1595 gpm) is requested for 500 acres or 1/140 of a cfs per acre. Actual irrigation application rates will approach 1/80th of a CFS per acre but will come from the storage reservoirs. Ground water pumping will be within the parameters of the permit but will be on a more continuous basis.

If I can provide any further clarification please let me know.

Sincerely,



Ralph Christensen



1 inch = 3,000 feet

- ⊗ Existing Well
- Potential Location of Drilled Well
- * Potential Location of Sump Well
- Potential Location of Excavated Reservoir

— Approximate Property Lines

..... 1/4 Mile Line from Surface Water

- - - - - Alternative Well Placement Area



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 Eugene, Oregon 97402
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