

STATE ENGINEER
Salem, Oregon

MAILED 11677

STATE WELL NO. 8/3W-10K
COUNTY Marion
APPLICATION NO. GR- 14

OWNER: Salem Heights Water District

MAILING ADDRESS: 3725 S. Commercial St.

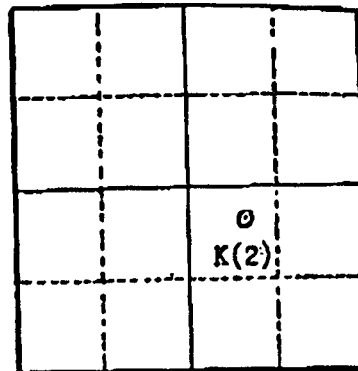
LOCATION OF WELL: Owner's No. Park #1

CITY AND STATE: Salem, Oregon

SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10 T. 8 N. S. R. 3 W. W.M.

Bearing and distance from section or subdivision

corner



Section 10

Altitude at well 385.59

TYPE OF WELL: Drilled Date Constructed Aug. 1954

Depth drilled 291' Depth cased 104'

CASING RECORD:

8 inch from 0 to 104 feet

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FINISH:

None

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AQUIFERS:

Basalt, from 97 to 291 feet

WATER LEVEL:

130 feet below land surface (Reported dropped to 192' Aug. 1954)

PUMPING EQUIPMENT: Type Fairbanks Morse
Capacity 600 G.P.M.

H.P. 50 + 30

WELL TESTS:

Drawdown 3 ft. after 600 hours G.
Drawdown 5 ft. after 1000 hours G.

USE OF WATER Municipal

Temp. °F. 19

SOURCE OF INFORMATION GR- 12
DRILLER or DIGGER Duffield Bros., Salem

ADDITIONAL DATA:

Log ☒ Water Level Measurements ☐ Chemical Analysis ☐ Aquifer Test ☐

REMARKS:

285 feet of pump column used as airline

Park Well #1

STATE ENGINEER
Salem, Oregon

MAIRI 11B77

85/3w - 10dba

State Well No. 8/31-104

County MARION

Application No. GR-11

Well Log

Owner: SALEM HEIGHTS WATER DISTRICT

Owner's No. Woodmansee**Driller:**

Date Drilled Aug. 1954

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Clay, red	0	65	6
Ash, compacted volcanic	65	97	3
Basalt	97	120	2
Basalt, fractured	120	128	
Basalt, fractured, solid & broken, layered	128	179	5
Basalt	179	187	
Cinders -Water level 45 ft.	187	189	
Basalt	189	260	7
Andesite	260	285	2
Basalt, vesicular	285	291.8	
Water level dropped to 192'			
Elev. - 385.59'			
Park Well No. 1			

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PROJECT MW/Salem ASR/OR

PROJECT NUMBER: 943-1653.405

MARI 11677 RECORD OF BOREHOLE PARK WELL-1

SHEET 2 OF 11

DATUM: MSL

BORING DATE: 1/25/95

DEPTH FEET	BORING METHOD	SOIL PROFILE DESCRIPTION	SAMPLES			NUMBER	TYPE	MONITORING WELL
			USCS	GRAPHIC LOG	ELEV DEPTH			
30	Cable Tool	Clay, red						
35								
40								
45								
50								
55								
60								

Annular sealant (portlandite
grout)

2-inch Schedule 40 PVC
casing with threaded joints

Centrifuge

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DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Staco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cummins

DATE: 2/2/95



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MARI 11677
RECORD OF BOREHOLE
PARK WELL-1

SHEET 4 OF 11

DATUM: MSL

PROJECT NUMBER: 943-1653.405

BORING DATE: 1/25/95

DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES			NUMBER	TYPE		MONITORING WELL
		DESCRIPTION	USCS	GRAPHIC LOG	BLEV.					
					DEPTH					
98	Cable Tool	Ash, compacted volcanic							Controlizer	
105		Basal						5" Steel casing (perforated)		
100										
105									Annular sealant (bentonite grout)	
105									Bottom of 5" perforated steel casing	
105									6" borehole	
110									2-inch Schedule 40 PVC casing with threaded joints	
118										
120										

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DRILL REQ: Speedstar Star 30K

DRILLING CONTRACTOR: Steco Well Services, Inc., Mt. Angel, OR

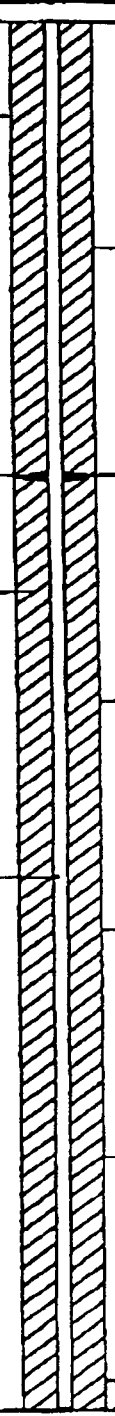
DRILLER: Steve Zimmerman

LOGGED: M. Klisch

CHECKED: M. Cunnane

DATE: 2/2/95

GOLDER ASSOCIATES

PROJECT MW/Salem ASROR		MARI 11677 RECORD OF BOREHOLE PARK WELL-1				SHEET 5 OF 11		
PROJECT NUMBER: 943-1853.405						DATUM: MSL		
						BORING DATE: 1/25/95		
DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES		NUMBER	TYPE	MONITORING WELL
		DESCRIPTION	UNCS	GRAPHIC LOG	ELEV DEPTH			
120	Cable Tool	Basalt, fractured						 8" borehole Centralizer Annular sealant (bentonite grout) 2-inch Schedule 40 PVC casing with threaded joints
125								
130		Basalt, fractured, solid and broken, layered						
135								
140								
145								
150								

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WATER RESOURCES DEPT.
SALMON AREA

DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Staco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cunnane

DATE: 2/2/95



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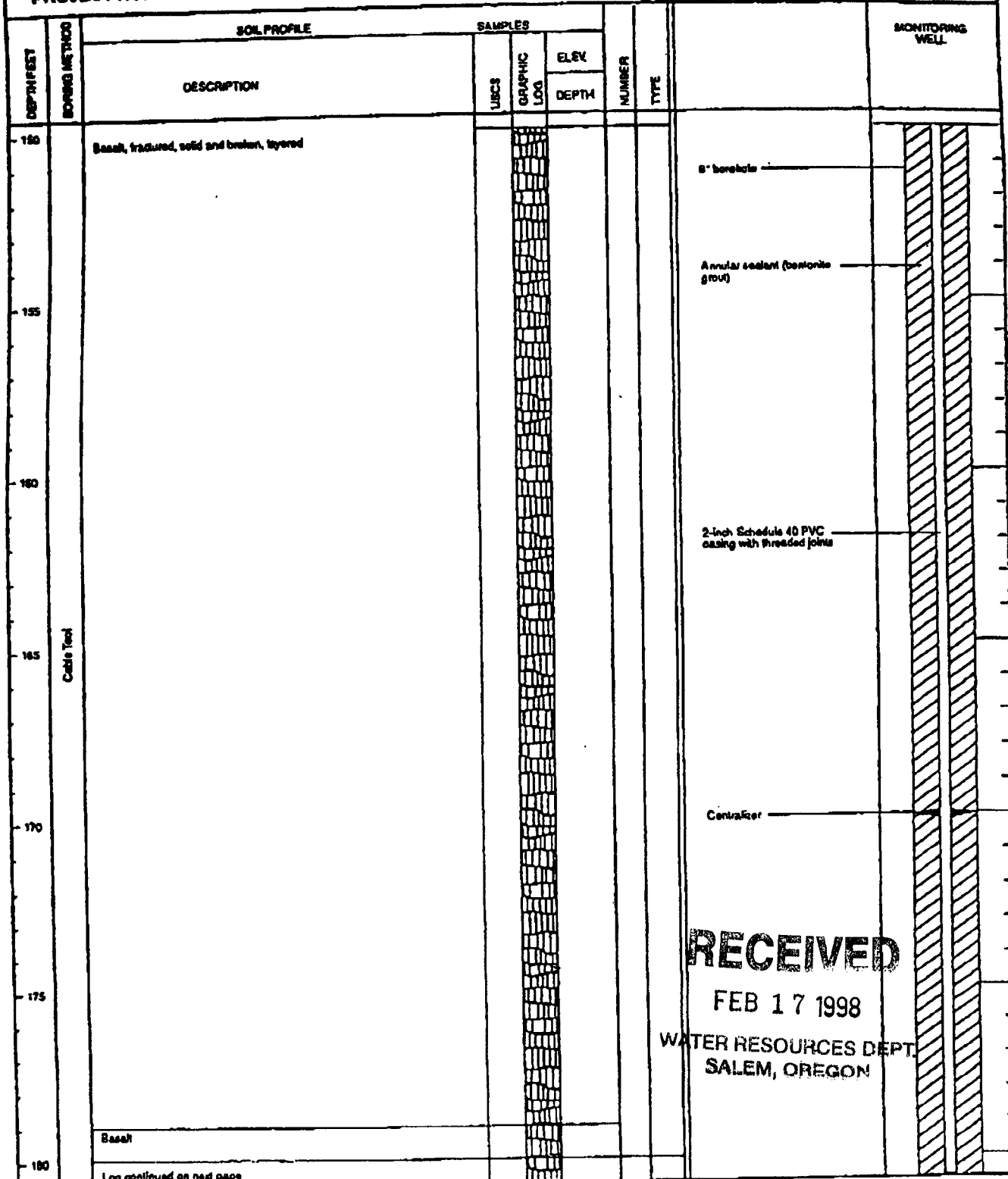
MARI 11677 RECORD OF BOREHOLE PARK WELL-1

SHEET 6 OF 11

DATUM: MSL

PROJECT NUMBER: 943-1663.405

BORING DATE: 1/25/95



DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Slaco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cumano

DATE: 2/2/95



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Appendix C

Appendix U

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PROJECT MW/Salem ASR/OR

RECORD OF BOREHOLE
PARK WELL-1

SHEET 7 OF 11

DATUM: MSL

BORING DATE: 1/25/95

PROJECT NUMBER: 943-1653.405

DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES			NUMBER	TYPE		MONITORING WELL
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV.	DEPTH				
188	Cable Tool	Basalt								8" borehole
185										Annular sealant (bentonite grout)
		Gravel, water level 43'								
190		Basalt								2-inch Schedule 40 PVC casing with threaded joints
185										
200										Static water level 199.58' below top of casing 1/30/95
205										
210										

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DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Stone Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cunnane

DATE: 2/2/95



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PROJECT MW/Salem ASR/OR

RECORD OF BOREHOLE
PARK WELL-1

SHEET 8 OF 11

DATUM: MSL

BORING DATE: 1/25/95

PROJECT NUMBER: 943-1653.405

DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES			NUMBER	TYPE	MONITORING WELL
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV	DEPTH			
210	Cable Tool	Sand							
215									
220									
225									
230									
235									
240									
245									
250									
255									
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WATER RESOURCES DEPT
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DRILLING: Speedstar Star 30K

DRILLING CONTRACTOR: Slaco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cummins

DATE: 2/2/95



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MARI 11677**PROJECT MW/Salem ASR/OR****RECORD OF BOREHOLE
PARK WELL-1****SHEET 9 OF 11****DATUM: MSL****PROJECT NUMBER: 943-1653.405****BORING DATE: 1/25/95**

DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES			NUMBER	TYPE	MONITORING WELL
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV.	DEPTH			
240	Cable Tool	Basal							
245									
250									
255									
260		Basal							RECEIVED FEB 17 1998 WATER RESOURCES DEPT SALEM, OREGON
265									
270									

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DRILL RIG: Speedstar Star 30K
 DRILLING CONTRACTOR: Staco Well Services, Inc., Mt. Angel, OR
 DRILLER: Steve Zimmerman

LOGGED: M. Kitch
 CHECKED: M. Cunnane
 DATE: 2/2/95

Golder Associates

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PROJECT MW/Salem ASR/OR

MARI 11677 RECORD OF BOREHOLE PARK WELL-1

SHEET 10 OF 11

DATUM: MSL

BORING DATE: 1/25/95

PROJECT NUMBER: 943-1653.405

DEPTH FEET	BORING METHOD	SOIL PROFILE		SAMPLES			NUMBER	TYPE	MONITORING WELL
		DESCRIPTION	USCS	GRAPING LOG	ELEV	DEPTH			
270	Cable Tool								8" borehole Bentonite plug (bentonite pellets) 2-inch Schedule 40 PVC casing with threaded joints
275									
280									
285		Vesicular basalt. Water level dropped to 192.							
290									
295	Air Rotary	Fresh, broken to very broken and loose, black (N1), aphanitic BASALT, (trace to 1% pyrite, up to 20% vesicular, up to 10% weathered fragments.							Centralizer Filter pack 2" Schedule 40 PVC well screen with threaded joints 0.020 inch slot
300									

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DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Sisco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kirsch

CHECKED: M. Cunnane

DATE: 2/2/95



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PROJECT MW/Salem ASR/OR

RECORD OF BOREHOLE
PARK WELL-1

SHEET 11 OF 11

DATUM: MSL

PROJECT NUMBER: 943-1653.405

BORING DATE: 1/25/95

DEPTH FEET	BORING METHOD	SOL PROFILE		SAMPLES			NUMBER	TYPE	MONITORING WELL	
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV. DEPTH					
300	Air Rotary	Fresh, broken to very broken and loose, black (M1), aphanitic BASALT, (trace to 1% pyrite, up to 20% vesicular, up to 10% weathered fragments.					3	Casing	8" borehole 2" Schedule 40 PVC well screen with threaded joints 0.520 inch slots Filter pack Basalt (borehole cave in)	
305										4
310										
315										
320										
325										
330										

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WATER RESOURCES DEPT.
SALEM, OREGON

DRILL RIG: Speedstar Star 30K

DRILLING CONTRACTOR: Staco Well Services, Inc., Mt. Angel, OR

DRILLER: Steve Zimmerman

LOGGED: M. Kisch

CHECKED: M. Cunnane

DATE: 2/2/95



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SEE ME @ 24W 33S

SEE MAP B 3V 10CA

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Part well
#1
X

WOODMANSEE PARK

924 01 00 0

Re: request #8

Date: <i>1/16</i>	# Of Pages: <i>3</i>	QUICK FAX OFFICE MAX	
To: <i>Johnny</i>	Co./Dept:	From: <i>Victor</i>	
Fax:	Fax:	Phone:	E-Mail:



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

Application for Well ID Number

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Do not complete if the well already has a Well I.D Number.

SEP 27 2012

I. OWNER INFORMATION

Current Owner Name (please print): City of Salem **SALEM, OR**
Mailing Address: 555 Liberty Street SE
City: Salem State: Oregon Zip: 97301
Mailing Address (to send Well I.D.): Lacey Goeres, City of Salem Public Works Dept, 1410 20th Street SE, Bldg 2
City: Salem State: Oregon Zip: 97302

II. WELL INFORMATION (Do not complete this section if the well report is attached.)

City of Salem Park Well 1

Township: 8 South (North/South) Range: 3 West (East/West) Section: 10
Tax Lot: 083W10DB00900 County: Marion NW 1/4 SE 1/4
Street Address of Well: Woodmansee Park, 4629 Sunnyside Road SE City: Salem
Owner at time the well was constructed, (if known): City of Salem
If the property had a different street address in the past: N/A

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

MARI 11677 & 52656

Use of Well (domestic, irrigation, commercial, industrial, monitoring): _____
Date Well Constructed: _____ Total Well Depth: _____ Casing Diameter: _____
Other Information: _____

SUBMITTED BY (please print): Lacey Goeres

PHONE: 503.361.2224

FAX:

503.588.6480

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SEP 27 2012

SALEM, OR

Send application to Oregon Water Resources Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Wednesday.

For Official Use Only by the Oregon Water Resources Department:

Received Date:

9.27.12

Well Log Number:

MARI 11677

MARI 52656

Well Identification #:

L 82686