

STATE ENGINEER  
Salem, Oregon

CLAC  
00755

CLAC 755  
Well Record

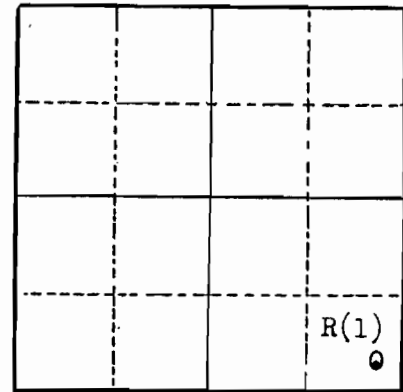
STATE WELL NO. 1/3-33R(1)  
COUNTY Clackamas  
APPLICATION NO. GR-149

OWNER: Roy Ledbury MAILING ADDRESS:

LOCATION OF WELL: Owner's No. 1 CITY AND STATE: Boring, Oregon

SE 1/4 SE 1/4 Sec. 33 T. 1 N. S., R. 3 W., W.M.

Bearing and distance from section or subdivision corner 513' N. and 20' W. from SE corner of Section 33.



Section 33

Altitude at well 650' Interpolated

TYPE OF WELL: Drilled Date Constructed 4/5/55

Depth drilled 325 Depth cased 325

CASING RECORD:

8-inch standard casing set from 0 to 265 feet  
5-inch standard casing set from 265 to 325 feet

FINISH:

Staggered slots 1/4" x 1" continuously from 290 to 325 feet  
Gravel packed around 5-inch casing

AQUIFERS:

unknown

WATER LEVEL:

205 feet below land surface 4/28/55

PUMPING EQUIPMENT: Type Jacuzzi submersible 3 phase H.P. 15

Capacity 108 G.P.M.

WELL TESTS:

Drawdown 20 ft. after pumping 170 hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation 18.5 acres Temp. °F. 19

SOURCE OF INFORMATION Registration Statement GR-149

DRILLER or DIGGER A. O. Olsen, Gresham, Oregon

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

U.S.G.S. has well log





# CHARLTON LABORATORIES

unit of METALLURGICAL ENGINEERS, INC.  
testing and analyses

## CLAC 755

2340 S.W. CANYON ROAD  
P.O. BOX 1048  
PORTLAND, OREGON 97207  
503/228-9663

CLAC 00755  
AUG 19 1971  
STATE DEPARTMENT OF HEALTH  
SALMON, OREGON

working with MATERIALS ECOLOGY INDUSTRIAL PRODUCTS AND PROCESSES

TO: Damascus Water District  
Attention: Mr. Thomas C. Gray  
Route 2, Box 406  
Boring, Oregon 97009

CLIENT NO.

REFERENCE NO. 613111

DATE: 7-2-71

SUBJECT: ANALYSIS OF WATER: PUBLIC WATER SUPPLY  
PER "STANDARD METHODS FOR EXAMINATION OF WATER AND WASTE WATER", 13th Ed.  
One Water Sample(s) Received as of June 17, 1971

		Mantel Well No. 3				Mantel Well No. 3
<b>PHYSICAL</b>				<b>MISCELLANEOUS</b>		
TOTAL SOLIDS	SPECIFIED MAXIMUM 800	127		pH VALUE		6.4
DISSOLVED		121		ACIDITY as CaCO <sub>3</sub>		---
SUSPENDED		6		ALKALINITY as CaCO <sub>3</sub>		88
VOLATILE SOLIDS		25		HYDROXIDE		0
DISSOLVED		22		CARBONATE		0
SUSPENDED		3		BICARBONATE		88
HARDNESS AS CaCO <sub>3</sub>		61		CHLORINE (Cl), Residual		---
TURBIDITY, JACKSON UNITS	5	---		<b>Application No. G5602</b> <b>Permit No.</b>		
COLOR	15	---				
THRESHOLD ODOR	3	---				
CONDUCTANCE, MICROHOS/CM		---				
<b>CHEMICAL - METALLIC</b>				<b>CHEMICAL - NON-METALLIC</b>		
SODIUM (Na)		9.3		SILICA (SiO <sub>2</sub> )		36
POTASSIUM (K)		2.7		CHLORIDE (Cl)	250	3
CALCIUM (Ca)		14.8		SULFATE (SO <sub>4</sub> )	250	0.9
MAGNESIUM (Mg)		5.8		FLUORIDE (F)		0.14
ALUMINUM (Al)		0.02		NITRATE NITROGEN (N)	10	0.04
IRON (Fe)	0.3	0.11		NITRITE NITROGEN (N)		---
MANGANESE (Mn)	0.05	0.005		AMMONIA NITROGEN (N)		/
ARSENIC (As)	0.05	<0.01	*	ORGANIC NITROGEN (N)		/
BARIUM (Ba)	1.0	---		KJELDAHL NITROGEN (N)		/
CADMIUM (Cd)	0.01	/		PHOSPHORUS, TOTAL (P)		/
CHROMIUM, TOTAL (Cr)		/		PHOSPHORUS, HYDROLYZABLE (P)		/
CHROMIUM, HEXAVALENT (Cr)	0.05	/		ORTHOPHOSPHATE (P)		/
COPPER (Cu)	1.0	/		SULFIDE (S)		/
LEAD (Pb)	0.05	/		SULFITE (SO <sub>3</sub> )		/
MERCURY (Hg)		/		BERYLLIUM (Be)		/
NICKEL (Ni)		/		BORON (B)		/
SILVER (Ag)	0.05	/		BROMIDE (Br)		/
STRONTIUM (Sr)		/		CYANIDE (CN)	0.2	/
TIN (Sn)		/		IODIDE (I)		/
ZINC (Zn)	5	/		SELENIUM (Se)	0.01	/

QUANTITIES ARE REPORTED AS MILLIGRAMS PER LITER, UNLESS OTHERWISE INDICATED.

SPECIFICATIONS ARE TAKEN FROM UNITED STATES PUBLIC HEALTH SERVICE DRINKING WATER STANDARDS UNLESS OTHERWISE STATED.

(\* ) less than

over---

TO: Damascus Water District  
 SUBJECT: ANALYSIS OF WATER SAMPLE  
 REF. NO.: 613111

		Mantei Well No. 3			Mantei Well No. 3
<b>MICROBIOLOGICAL</b>	SPECIFIED MAXIMUM		<b>ORGANIC</b>	SPECIFIED MAXIMUM	
PLATE COUNT, per ml		/	OXYGEN DEMAND		/
COLIFORM, MPN/100 ml		/	BIOCHEMICAL - 500-5 day		/
TOTAL	2.2	/	CHEMICAL - COD		/
FECAL		/	CHLORINE DEMAND		/
IRON BACTERIA		/	HRS.		/
		/	PPM RES. CL.		/
		/	TOTAL ORGANIC CARBON		/
		/	SURFACTANTS - MBAS	0.8	/
		/	OIL AND GREASE		/
		/	PHENOLICS AS PHENOL	0.001	/
		/			/
<b>BIOLOGICAL</b>			<b>PESTICIDES</b>		
<b>DISSOLVED GASES</b>			<b>RADIOACTIVITY, pc/l</b>		
CARBON DIOXIDE (CO <sub>2</sub> )		/	GROSS BETA	1,000	/
OXYGEN (O)		/	RADIUM 226	3	/
		/	STRONTIUM 90	10	/

FIELD DATA

DATE COLLECTED not dated - received 6-17-71  
 COLLECTED BY client  
 SOURCE Mantei Well No. 3

Application No. G 5602  
 Permit No.

Sensitivities of tests meet requirements of the Department of the Army, Corps of Engineers, within practical limits of the test methods.

CHARLTON LABORATORIES unit of MEI

*J. M. Hogl*  
 J. M. Hogl  
 Project Director

JMH:lr  
 cc: 2



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