

STATE OF OREGON
WATER SUPPLY WELL REPORT

CLAC 55211

Received Date 11/16/1999
Well ID Tag # L 33632
Start Card # 124777

14486 SE 122nd Ave.
Clackamas on 97015

RECEIVED
DEC 30 1999

WATER RESOURCES DEPT.
SALEM, OREGON

(as required by ORS 837.766)
Instructions for completing this report are on the last page of the form.

(1) OWNER
Name
MILWAUKIE HIGH SCHOOL
Street **11300 SE 23RD AVE**
City **MILWAUKIE** State **OR** Zip **97222**

(2) TYPE OF WORK
 New Alter (Recondition) Alter (Repair)
 Deepening Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger
Other

(4) PROPOSED USE
 Domestic Community Industrial Irrigation Injection
 Livestock Thermal Other

(5) BORE HOLE CONSTRUCTION
Special Standards Depth of completed well 531. ft.
Explosives Used Amount Type

Diameter	From	To	Material	Begin Depth	End Depth	Material Amount	Units
20.00	0.00	143					
17.00	43.00	286	Cement	0.00	143.00	176.0	S
12.00	86.00	531	Cement	143.0	286.00	88.00	S

How seal placed: Method C Other
Backfill placed from ft. TO ft. Material
Filter pack from ft. TO ft. Size in.

(6) CASING/LINER
Casing or Liner Diameter Begin Depth End Depth Gauge Material Weld Threaded Location Of Shoe
C 12.00 0.00 481.00 375 S 481

(7) PERFORATION/SCREENS
 Perforation Method
 Screens Type Material

Diameter	From	To	Gauge	Material	Type	Slot Size
12.00	481	491		S	T	.018
12.00	491	516		S	T	.008
12.00	516	522		S	T	.020

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

Type	Yield	Units	Drawdown	Stem at	Duration
Air	720.0	G		530	1.0
Air	600.0	G		480	1.0
Air	300.0	G		350	1.0

Temperature of water 54 °F/C Depth artesian flow found ft.
Was water analysis done?
By Whom?
Did any strata contain water not suitable for intended use? Too Little Salty
 Muddy Odor Colored Other
Depth of strata ft.

(9) LOCATION OF HOLE By legal description
County Latitude Longitude
Township 2.00 S Range 2.00 E Subdivision
Tax lot 14288 Lot Block
Section U 2 SE 1/4 SW 1/4
Street Address of Well (or nearest address) **2202 SE WILLARD**
MAP with location identified must be attached

(10) STATIC WATER LEVEL
250.0 Ft. below land surface. Date 11/03/1999
Artesian Pressure lb/sq. in. Date

(11) WATER BEARING ZONES
Depth at which water was first found 260 ft.

From	To	Est. Flow Rate	SWL
253	265	25	190
325	363	25	260
475	521	720	260

(12) WELL LOG Ground Elevation ft.

Material	From	To	SWL
SILTY CLAY BROWN	0	32	
CLAY & GRAVELS	32	49	
BASALT WEATHERED	49	49	
BASALT GREY MED	49	134	
CLAY W/GRAVELS	134	174	
CLAY BROWN	174	176	
GRAVELS WITH CLAY	176	247	
CLAY STICKY GREY	247	249	
CLAY SILTY GREY	249	253	
SAND GRAVELS	253	255	
GRAVELS CEMENTED	255	284	
CLAY BLUE GREY	284	284	
GRAVELS CEMENTED	284	313	
CLAY STICKY	313	325	
SILTY CLAY	325	331	
SILT AND SANDSTONE	331	361	
SAND LOOSE FINE BROWN	361	363	
SILTSTONE	363	408	
SAND FINE BLACK	408	412	
SILTY CLAY GREEN	412	440	
SAND FINE BLACK	440	443	
CLAY GREY	443	471	
SAND FINE BROWN	471	476	
SAND FINE BROWN	476	476	
SAND FINE BLACK	476	521	
SILTSTONE	521	531	

Date started 09/28/1999 Completed 1/03/1999
(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 well construction standards. Materials used and information reported above are true to the best knowledge and belief.
Signed By TERRY M MCCOY JR
(bonded) Water Well Constructor Certification: WWC Number 1672
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 well construction standards.
This report is true to the best of my knowledge and belief.
WWC Number 1464
Signed By GREG MCINNIS GEO-TECH EXPLORATIONS

STATE OF OREGON
WATER SUPPLY WELL REPORT

CLAC 55211

Amended
11/24/99

Received Date 11/16/1999
Well ID Tag # L 33632
Start Card # 124777

(as required by ORS 537.705)
Instructions for completing this report are on the last page of this form.

(1) OWNER
Name: MILWAUKIE HIGH SCHOOL
Street: 11300 SE 23RD AVE
City: MILWAUKIE
State: OR Zip: 97222

Well Number: N. Clackamas School
4444 SE Lake Rd

(9) LOCATION OF HOLE By legal description
County: Township 2.00 S Range 2.00 E Subdivision
Tax lot 2308 Lot Block
Section 2 SE 1/4 SW 1/4
Street Address of Well (or nearest address): 2202 SE WILLARD 14486 SE 122nd AVE
MAP with location identified must be attached

(2) TYPE OF WORK
 New Alter (Recondition) Alter (Repair)
 Deepening Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger
Other

(10) STATIC WATER LEVEL
260.0 Ft. below land surface. Date 11/03/1999
Artesian Pressure lb/sq. in. Date

(4) PROPOSED USE
 Domestic Community Industrial Irrigation Injection
 Livestock Thermal Other

(11) WATER BEARING ZONES
Depth at which water was first found 260 ft.

From	To	Est. Flow Rate	SWL
253	265	25	190
325	393	25	260
475	521	720	260

(5) BORE HOLE CONSTRUCTION
Special Standards Depth of completed well 531 ft.
Explosives Used Amount Type

Diameter	From	To	Material	Begin Depth	End Depth	Material Amount	Units
20.00	0.00	143					
17.00	143.00	286	Cement	0.00	143.00	176.0	S
12.00	286.00	531	Cement	143.0	286.00	88.00	S

(12) WELL LOG
Ground Elevation ft.

Material	From	To	SWL
SILTY CLAY BROWN	0	32	
CLAY & GRAVELS	32	45	
BASALT WEATHERED	45	49	
BASALT GREY MED	49	134	
CLAY W/GRAVELS	134	174	
CLAY BROWN	174	179	
GRAVELS WITH CLAY	179	247	
CLAY STICKY GREY	247	249	
CLAY SILTY GREY	249	253	
SAND GRAVELS	253	265	
GRAVELS CEMENTED	265	284	
CLAY BLUE GREY	284	284	
GRAVELS CEMENTED	284	313	
CLAY STICKY	313	325	
SILTY CLAY	325	331	
SILT AND SANDSTONE	331	361	
SAND LOOSE FINE BROWN	361	363	
SILTSTONE	363	409	
SAND FINE BLACK	409	412	
SILTY CLAY GREEN	412	440	
SAND FINE BLACK	440	443	
CLAY GREY	443	471	
SAND FINE BROWN	471	475	
SAND FINE BROWN	475	475	
SAND FINE BLACK	475	521	
SILTSTONE	521	531	

How seal placed: Method C Other
Backfill placed from ft. TO ft. Material
Filter pack from ft. TO ft. Size in.

(6) CASING/LINER
Casing or Liner: C Diameter: 12.00 Begin Depth: 0.00 End Depth: 481.00 Gauge: 375 Material: S Construction: Weld Threaded Location Of Shoe: 481

(7) PERFORATION/SCREENS
 Perforation Method
 Screens Type Material

Diameter	From	To	Gauge	Material	Type	Slot Size
12.00	481	491		S	T	.018
12.00	491	516		S	T	.020
12.00	516	522		S	T	.020

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

Type	Yield	Units	Drawdown	Stem at	Duration
Air	720.0	G		530	1.0
Air	800.0	G		480	1.0
Air	300.0	G		350	1.0

By Whom?
Did any strata contain water not suitable for intended use? Too Little Salty
 Muddy Odor Colored Other
Depth of strata ft.

Date started 09/28/1999 Completed 11/03/1999
(unbonded) Water Well Constructor Certification:
I certify that the work performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to the best knowledge and belief.
Signed By TERRY M MCCOY JR
(bonded) Water Well Constructor Certification: WWC Number 1672
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 well construction standards. This report is true to the best of my knowledge and belief.
Signed By GREG MCINNIS GEO-TECH EXPLORATIONS WWC Number 1464

RECEIVED
NOV 30 1999
WATER RESOURCES OFFICE
SALEM, OREGON

WATER SUPPLY WELL REPORT

CLAC 55211

Received Date 11/16/1999

Well ID Tag # L 33632

Start Card # 124777

(as required by ORS 537.765)

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

(1) OWNER Well Number _____
 Name NORTH CLACKAMAS SCHOOL DISTRICT
 Street 4444 SE LAKE RD
 City MILWAUKIE State OR Zip 97222

(2) TYPE OF WORK
 New Alter (Recondition) Alter (Repair)
 Deepening Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE
 Domestic Community Industrial Irrigation Injection
 Livestock Thermal Other

(5) BORE HOLE CONSTRUCTION
 Special Standards Depth of completed well 531 ft.
 Explosives Used Amount _____ Type _____

Diameter	From	To	Material	Begin Depth	End Depth	Material	Units
20.00	0.00	143					
17.00	143.00	288	Cement	0.00	143.00	176.00	8
12.00	288.00	531	Cement	43.00	288.00	88.00	8

How seal placed: Method C Other _____
 Backfill placed from _____ ft. TO _____ ft. Material _____
 Filter pack from _____ ft. TO _____ ft. Size _____ in.

(6) CASING/LINER

Casing or Liner	Diameter	Begin Depth	End Depth	Gauge	Material	Construction Weld	Threaded	Location Of Shoe
C	12.00	0.00	481.00	375	S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	481

(7) PERFORATION/SCREENS

Perforations Method _____
 Screens Type _____ Material _____

Diameter	From	To	Gauge	Material	Type	Slot Size
12.00	481	481		S	T	.018
12.00	481	516		S	T	.008
12.00	516	522		S	T	.020

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

Type	Yield	Units	Drawdown	Stem at	Duration
Air	720.0	g		530	1.0
Air	600.0	g		480	1.0
Air	300.0	g		350	1.0

Temperature of water 54 °F/C Depth artesian flow found _____ ft.
 Was water analysis done?
 By Whom? _____
 Did any strata contain water not suitable for intended use? Too Little Salty
 Muddy Odor Colored Other _____
 Depth of strata _____ ft.

(9) LOCATION OF HOLE By legal description

County _____ Latitude _____ Longitude _____
 Township 2.00 S Range 2.00 E Subdivision _____
 Tax lot 2300 Lot _____ Block _____
 Section 2 SE 1/4 SW 1/4
 Street Address of Well (or nearest address) 14486 SE 122ND AVE
 MAP with location identified must be attached

(10) STATIC WATER LEVEL
 260.0 Ft. below land surface. Date 11/03/1999
 Artesian Pressure _____ lb/sq. in. Date _____

(11) WATER BEARING ZONES
 Depth at which water was first found 260 ft.

From	To	Est. Flow Rate	SWL
253	265	25	190
325	363	25	260
475	521	720	260

(12) WELL LOG

Material	From	To	SWL
SILTY CLAY BROWN	0	32	
CLAY & GRAVELS	32	48	
BASALT WEATHERED	48	49	
BASALT GREY MED	49	134	
CLAY W/ GRAVELS	134	174	
CLAY BROWN	174	178	
GRAVELS WITH CLAY	178	247	
CLAY STICKY GREY	247	249	
CLAY SILTY GREY	249	263	
SAND, GRAVELS	263	266	
GRAVELS CEMENTED	266	284	
CLAY BLUE GREY	284	284	
GRAVELS CEMENTED	284	313	
CLAY STICKY	313	326	
SILTY CLAY	326	331	
SILT AND SANDSTONE	331	361	
SAND LOOSE FINE BROWN	361	363	
SILTSTONE	363	408	
SAND FINE BLACK	408	412	
SILTY CLAY GREEN	412	440	
SAND FINE BLACK	440	443	
CLAY GREY	443	471	
SAND FINE BROWN	471	475	
SAND FINE BROWN	475	475	
SAND FINE BLACK	475	521	
SILTSTONE	521	531	

Date started 09/28/1999 Completed 11/03/1999

(unbonded) Water Well Constructor Certification:
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 Signed By TERRY M MCCOY JR
 (bonded) Water Well Constructor Certification: WWC Number 1872
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 WWC Number 1464
 Signed By GREG MCINNIS GEO-TECH EXPLORATIONS