ATTACHMENT E

WELL ABANDONMENT REPORTS

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 45410

START CARD # 1027486

(1) LAND OWNER

Owner Well I.D. MW-5

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

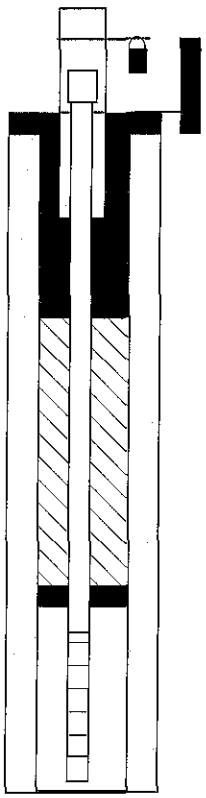
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 29.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 29.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 29.5
Material Bentonite Chips
Amount 1,400 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening				
Completed Well				

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed _____

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed _____

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 45410

START CARD # 1027486

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

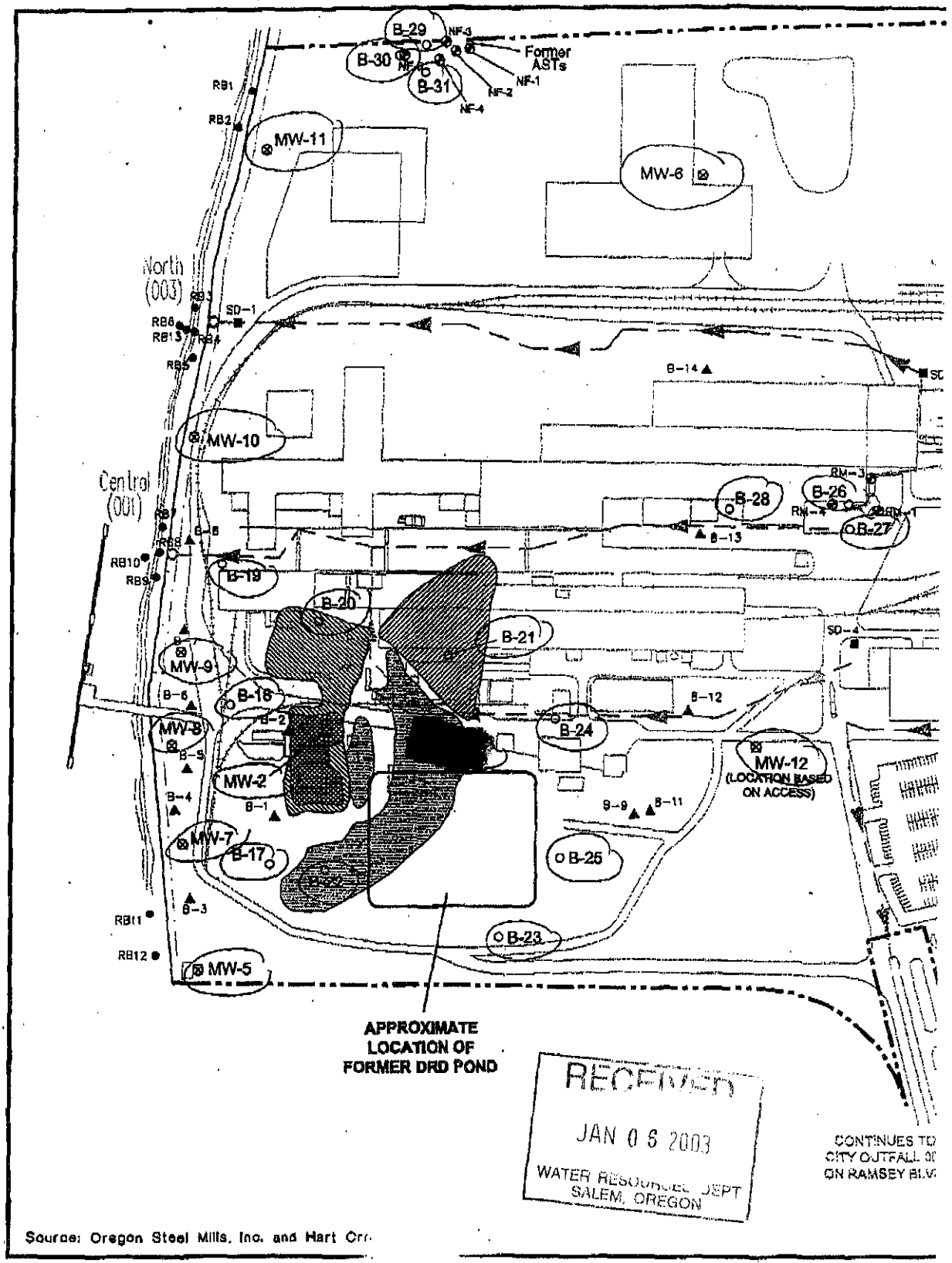
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT68098

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



RECEIVED
JAN 06 2003
WATER RESOURCES DEPT
SALEM, OREGON

Source: Oregon Steel Mills, Inc. and Hart Cr

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027486

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 53824

START CARD # 1027485

(1) LAND OWNER

Owner Well I.D. MW-7

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

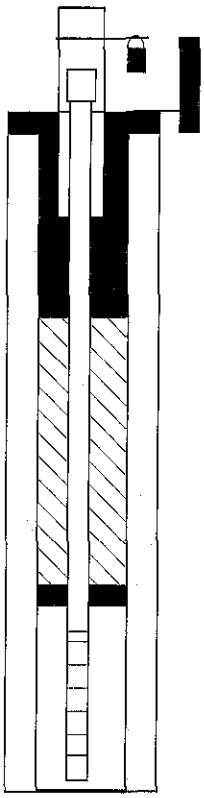
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 38.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 38.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 38.5
Material Bentonite Chips
Amount 1,750 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ___ ° ___ ' ___ " or _____ DMS or DD

Long ___ ° ___ ' ___ " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 53824

START CARD # 1027485

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

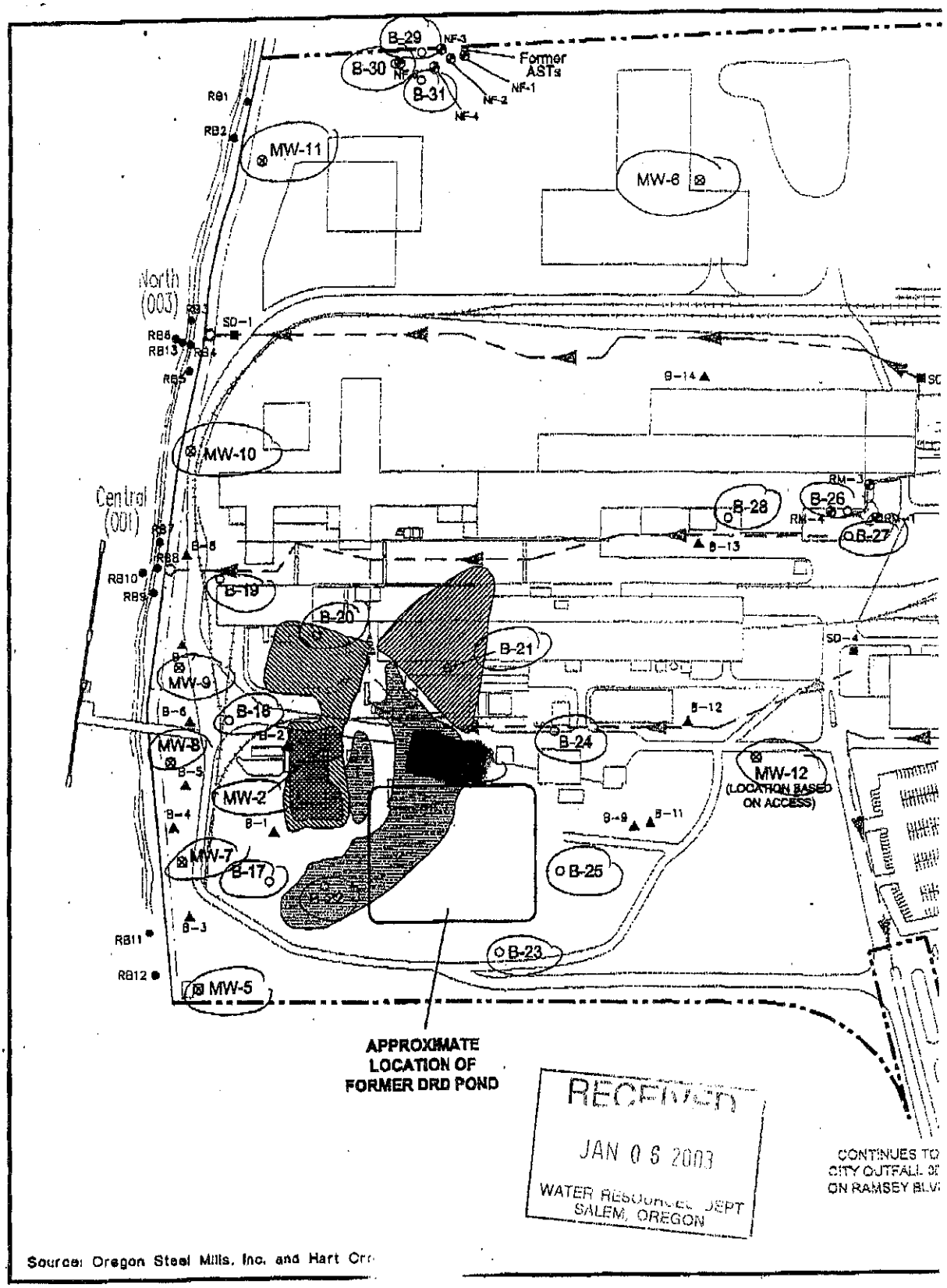
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT68100

Well over drilled with 6.25"IDx10"OD hollow stem auger, then backfilled with Bentonite.



Source: Oregon Steel Mills, Inc. and Hart Cr

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027485

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015 Existing/ Proposed Depth(ft): 20 Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 45411

START CARD # 1027484

(1) LAND OWNER

Owner Well I.D. MW-8

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

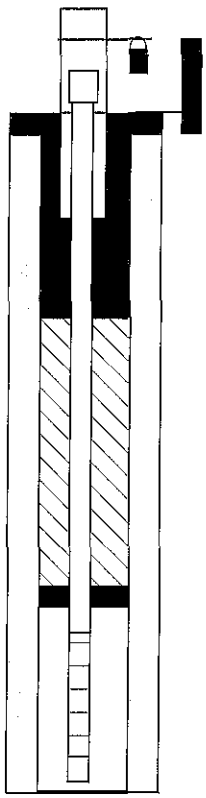
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 29.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 29.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 29.5
Material Bentonite Chips
Amount 1,400 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT - continuation page

WELL I.D. # L 45411

START CARD # 1027484

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

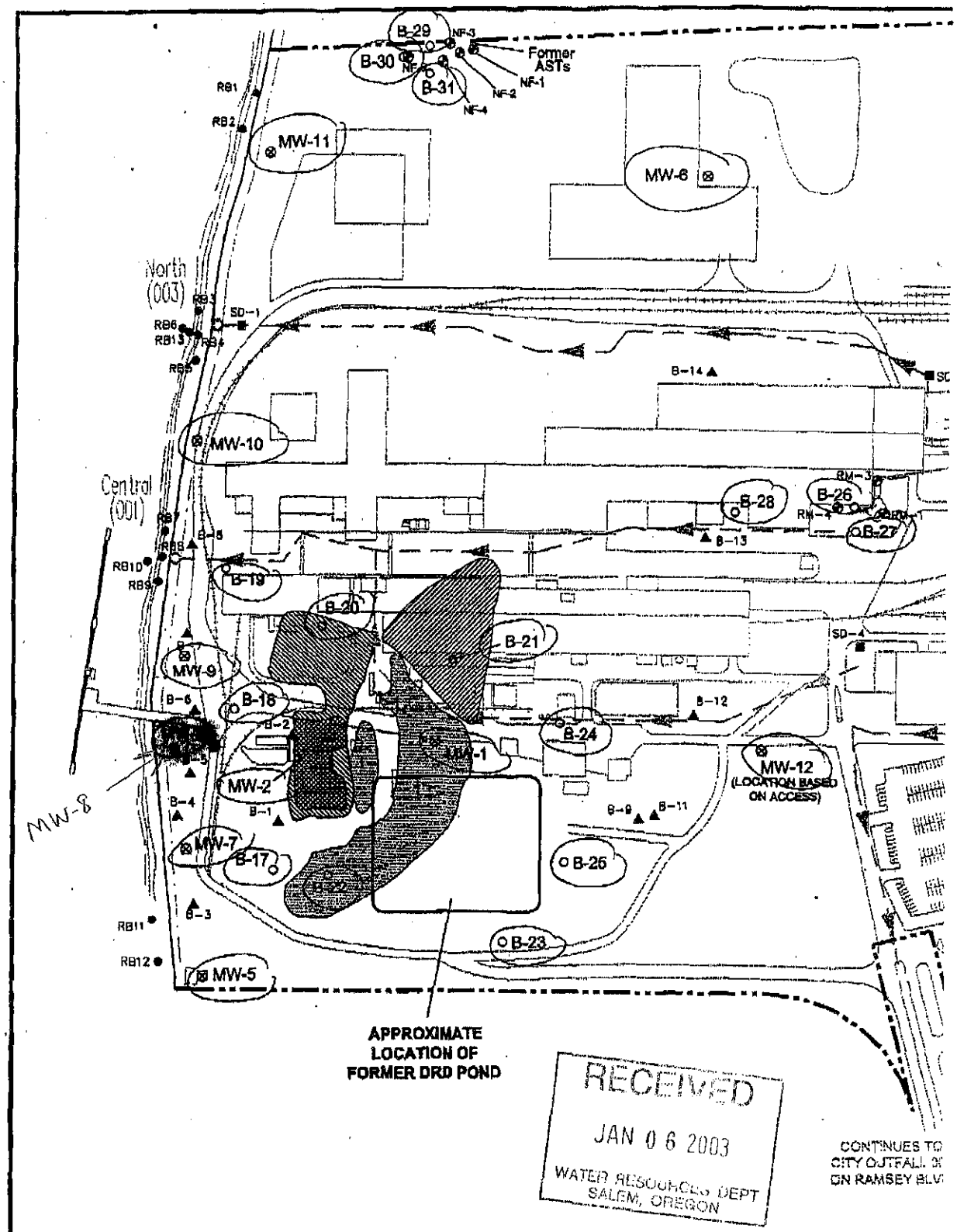
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT68101

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



RECEIVED
JAN 06 2003
WATER RESOURCES DEPT
SALEM, OREGON

Source: Oregon Steel Mills, Inc. and Hart Cr

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027484

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 45412

START CARD # 1027483

(1) LAND OWNER

Owner Well I.D. MW-9

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

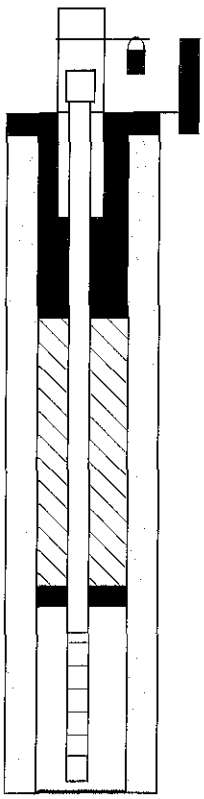
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 35 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 35

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 35
Material Bentonite Chips
Amount 1,650 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 45412

START CARD # 1027483

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

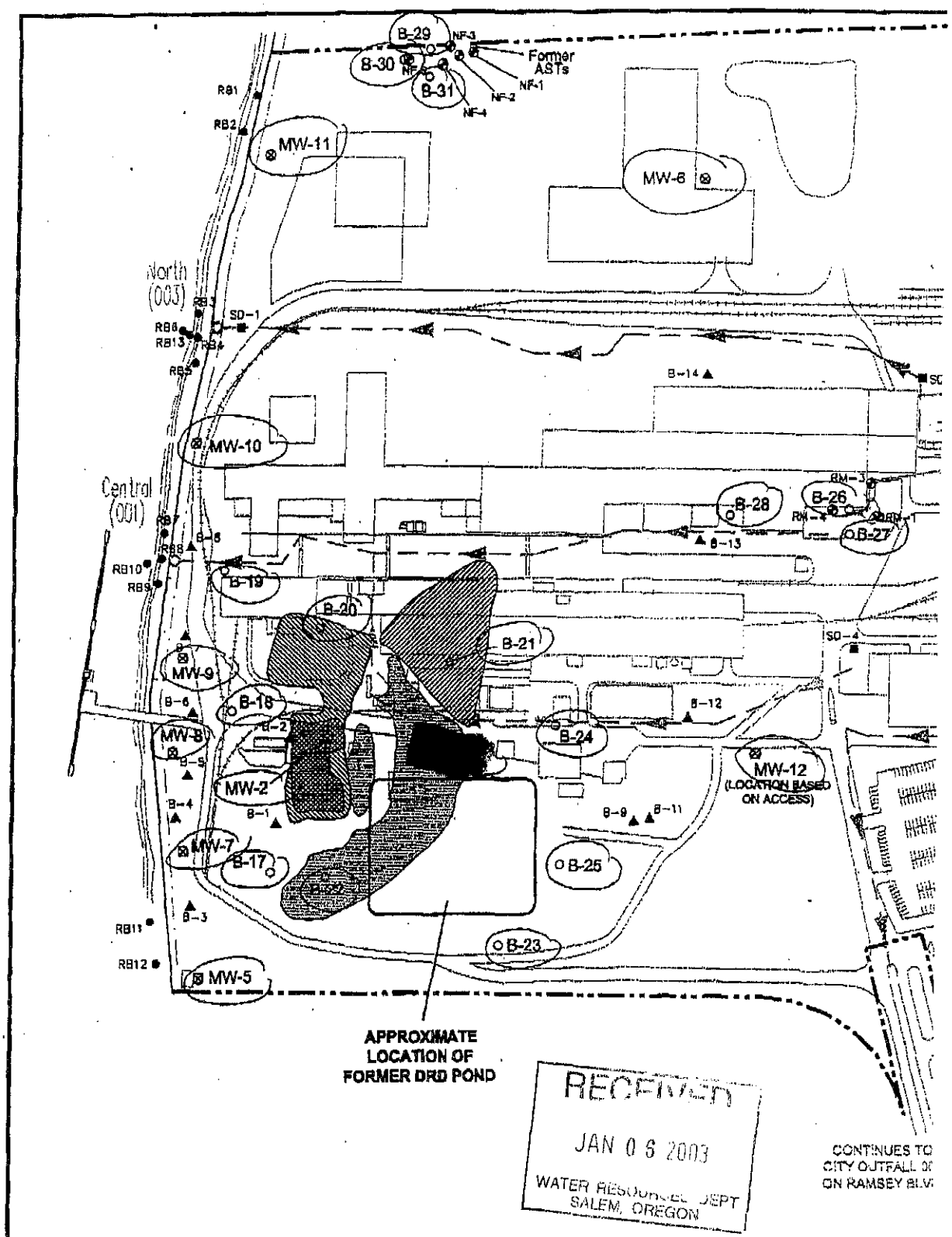
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT68102

Well over drilled with 6.25"IDx10"OD hollow stem auger, then backfilled with Bentonite.



RECEIVED
JAN 06 2003
WATER RESOURCES DEPT
SALEM, OREGON

Source: Oregon Steel Mills, Inc. and Hart Cr

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027483

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 53822
START CARD # 1027482

(1) LAND OWNER

Owner Well I.D. MW-10

First Name _____ Last Name _____
Company EVRAZ Oregon Steel Mills
Address 14400 N. Rivergate Blvd.
City Portland State OR Zip 97203

(2) TYPE OF WORK

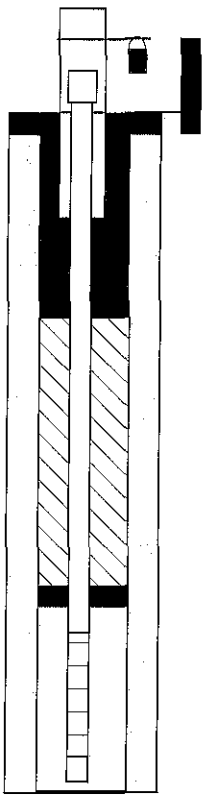
☐ New ☐ Deepening ☐ Conversion
☐ Alteration (repair/recondition) ☒ Abandonment

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐
Depth of Completed Well 32.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 32.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 32.5
Material Bentonite Chips
Amount 1,500 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____
Supervising Geologist/Engineer _____
Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM
Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800
Tax Map Number _____ Lot 22
Lat ___° ___' ___" or _____ DMS or DD
Long ___° ___' ___" or _____ DMS or DD
◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES
Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15
Password : (if filing electronically) _____
Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15
Password : (if filing electronically) _____
Signed _____
Contact Info (optional) _____

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

Form Version: 0.96

MONITORING WELL REPORT - continuation page

WELL I.D. # L 53822

START CARD # 1027482

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

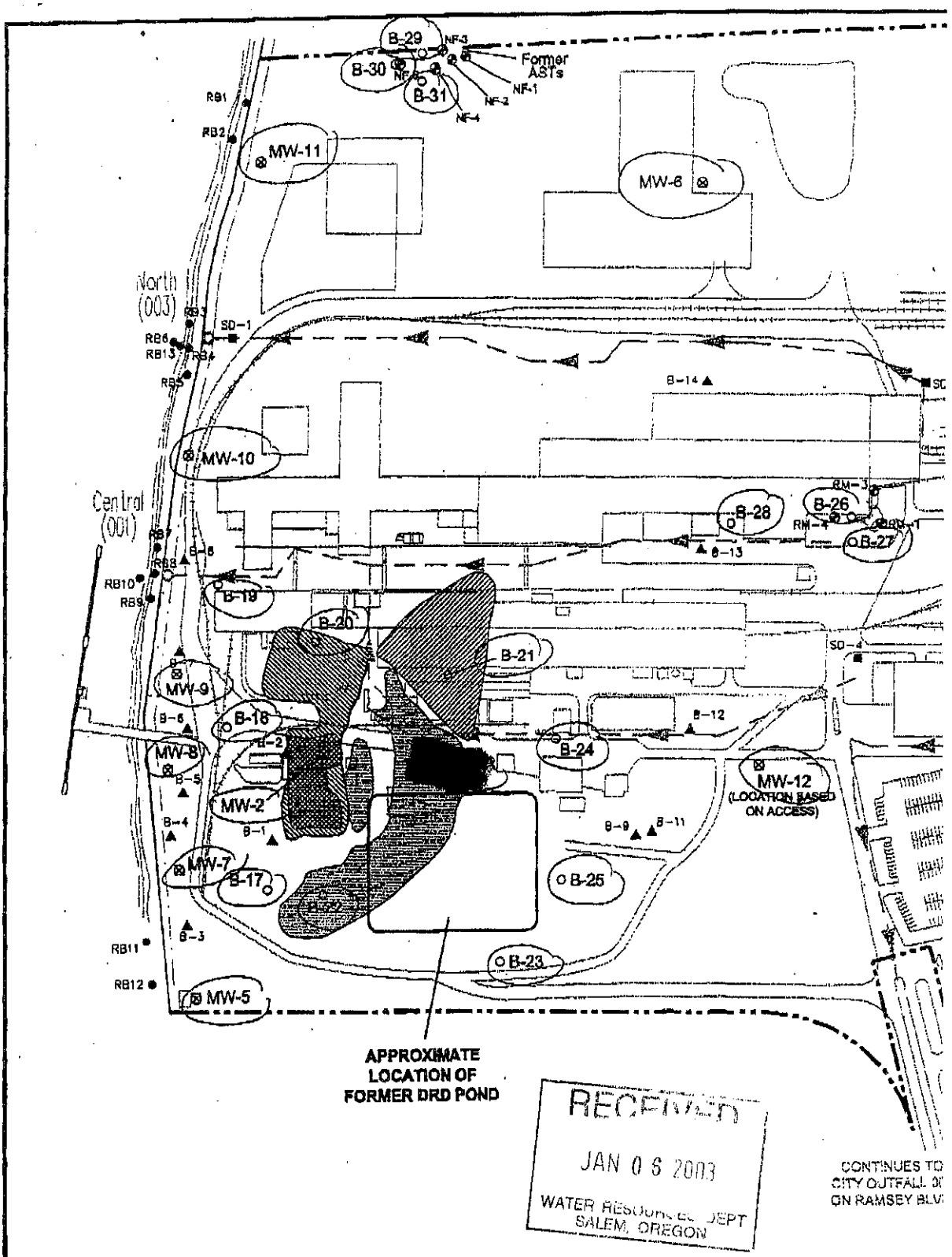
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT68103

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



RECEIVED
JAN 06 2003
WATER RESOURCES DEPT
SALEM, OREGON

Source: Oregon Steel Mills, Inc. and Hart Cr

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027482

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015 Existing/ Proposed Depth(ft): 20 Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79197

START CARD # 1027480

(1) LAND OWNER

Owner Well I.D. MW-13

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

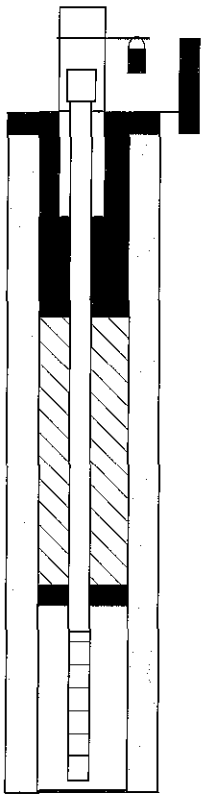
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud ☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 30 ft. Special Standard ☐



MONUMENT/VAULT Above Ground

From _____ To _____

BORE HOLE

Diameter 10 From 0 To 30

CASING

Dia. _____ From ☐ _____ To _____

Gauge _____ Wld Thrd

Material ◯ Steel ◯ Plastic ☐ ☐

LINER

Dia. _____ From ☐ _____ To _____

Gauge _____ Wld Thrd

Material ◯ Steel ◯ Plastic ☐ ☐

SEAL

From 0 To 30

Material Bentonite Chips

Amount 1,400 P Grout weight _____

SCREEN

Casing/Liner _____ Material _____

Diameter _____ From _____ To _____

Slot Size _____

FILTER

From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT - continuation page

WELL I.D. # L 79197

START CARD # 1027480

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

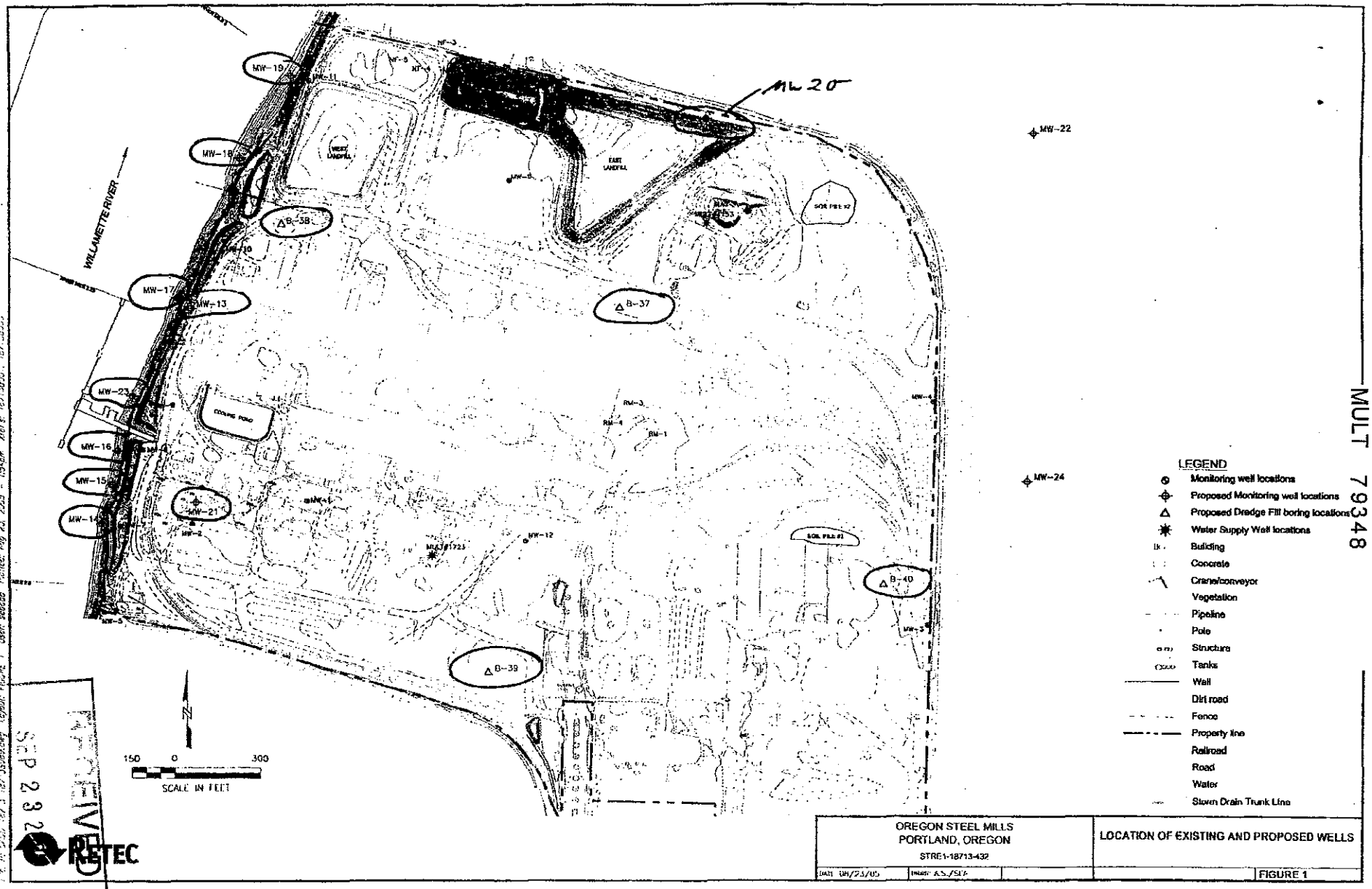
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79338

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



RECEIVED
SEP 23 2005
NATURAL RESOURCES DEPT
OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027480

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015 Existing/ Proposed Depth(ft): 20 Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79192

START CARD # 1027479

(1) LAND OWNER

Owner Well I.D. MW-14

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

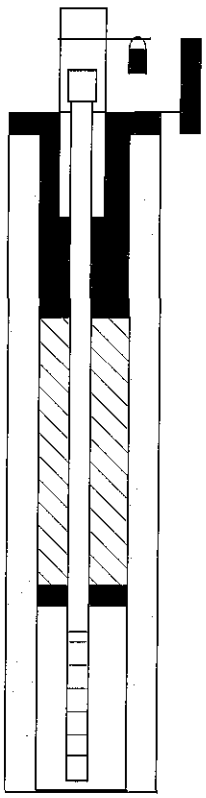
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud ☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 15 ft. Special Standard ☐



MONUMENT/VAULT Above Ground

From _____ To _____

BORE HOLE

Diameter 10 From 0 To 15

CASING

Dia. _____ From ☐ _____ To _____

Gauge _____ Wld Thrd

Material ◯ Steel ◯ Plastic ☐ ☐

LINER

Dia. _____ From ☐ _____ To _____

Gauge _____ Wld Thrd

Material ◯ Steel ◯ Plastic ☐ ☐

SEAL

From 0 To 15

Material Bentonite Chips

Amount 750 P Grout weight _____

SCREEN

Casing/Liner _____ Material _____

Diameter _____ From _____ To _____

Slot Size _____

FILTER

From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ___° ___' ___" or _____ DMS or DD

Long ___° ___' ___" or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 79192

START CARD # 1027479

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

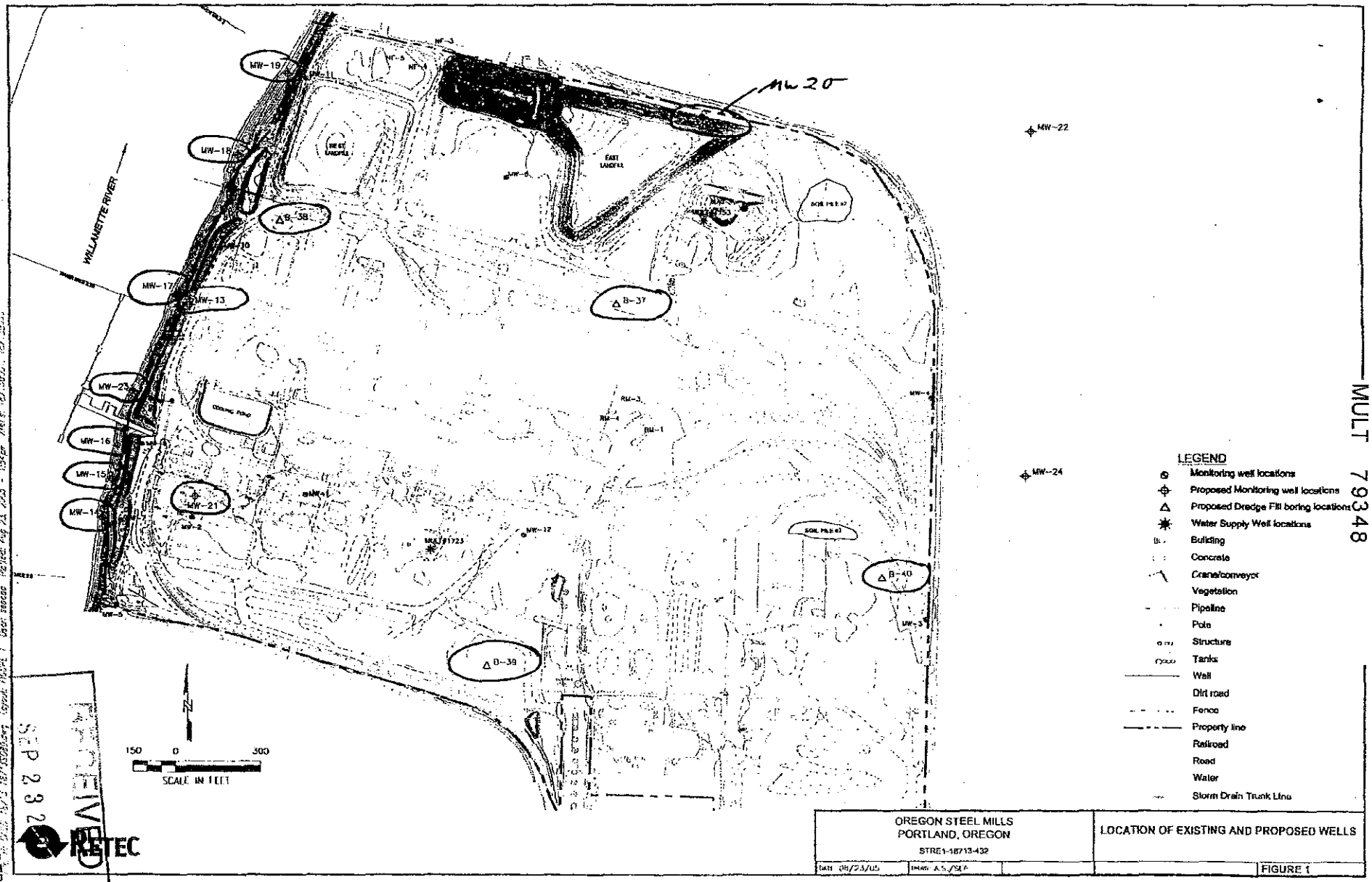
Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79340

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.

MULT 79348



OREGON STEEL MILLS PORTLAND, OREGON STRE1-18713-432	LOCATION OF EXISTING AND PROPOSED WELLS
DATE 08/23/05 DRAWN A.S./SEP	FIGURE 1

RETEC

RECEIVED
SEP 23 2005
RESOURCES DEPT
OREGON

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027479

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015 Existing/ Proposed Depth(ft): 20 Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79193

START CARD # 1027478

(1) LAND OWNER

Owner Well I.D. MW-15

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

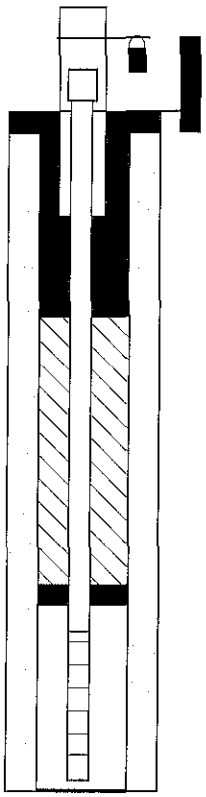
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 14 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 14

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 14
Material Bentonite Chips
Amount 700 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed _____

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 79193

START CARD # 1027478

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

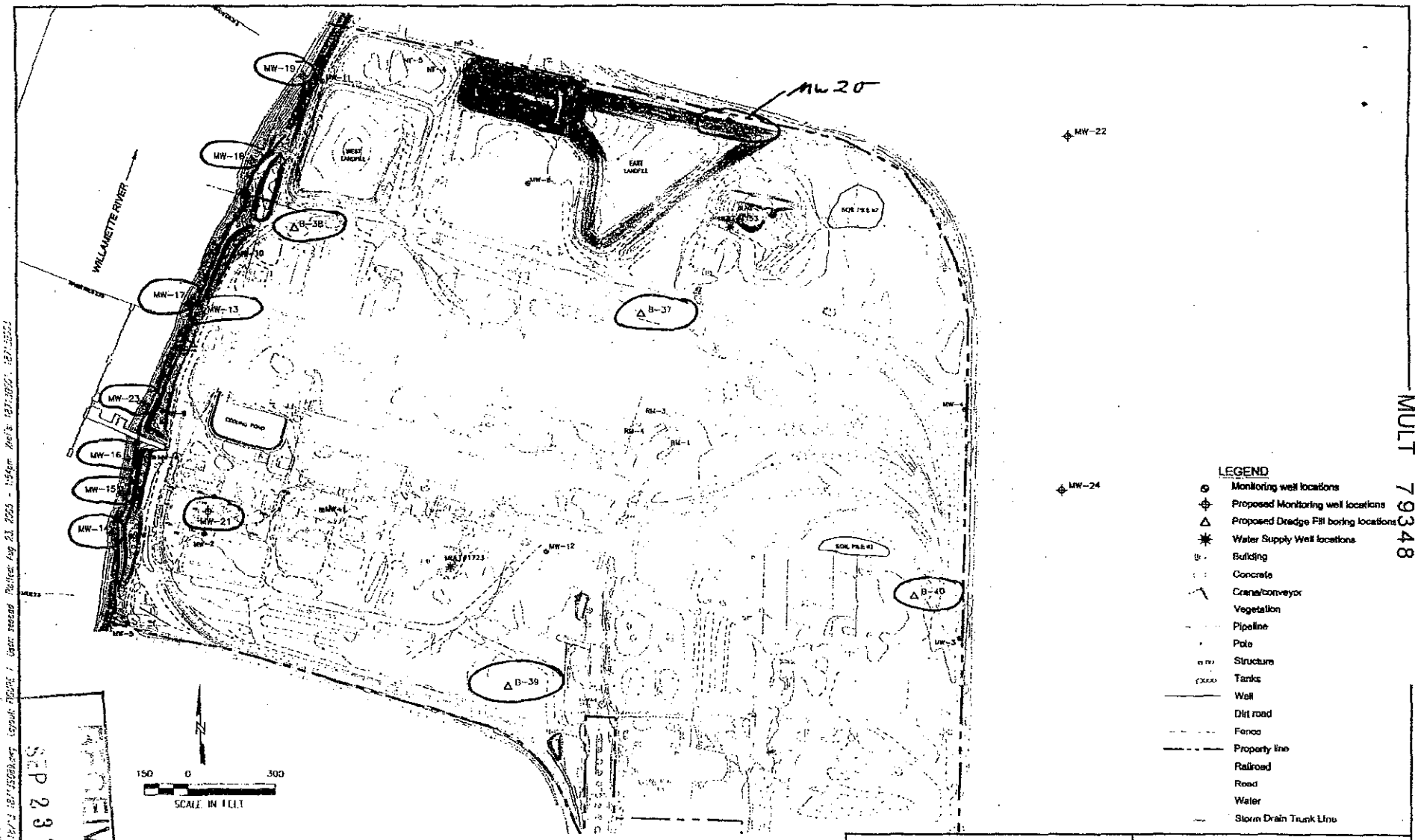
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79342

Well over drilled with 6.25"IDx10"OD hollow stem auger, then backfilled with Bentonite.



OREGON STEEL MILLS
PORTLAND, OREGON
STRE1-18713-432

LOCATION OF EXISTING AND PROPOSED WELLS

DATE 08/23/05

FIGURE 1

RETEC

RECEIVED
SEP 23 2005
NATURAL RESOURCES DEPT
SALEM, OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027478

Owner Information

Company: EVRAZ

First Name:

Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND

State: Oregon

Zip: 97203

Home Phone:

Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#:

Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah

Township: 2.00 N

Range: 1.00 W

Section: 27

QQ/Q: NE SE

Lattitude:

Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79194

START CARD # 1027477

(1) LAND OWNER

Owner Well I.D. MW-16

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

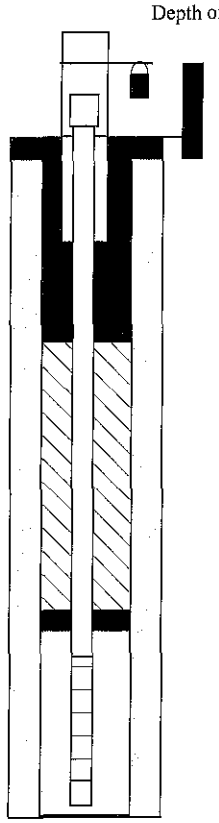
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 15 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 15

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 15
Material Bentonite Chips
Amount 725 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed _____

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed _____

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 79194

START CARD # 1027477

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

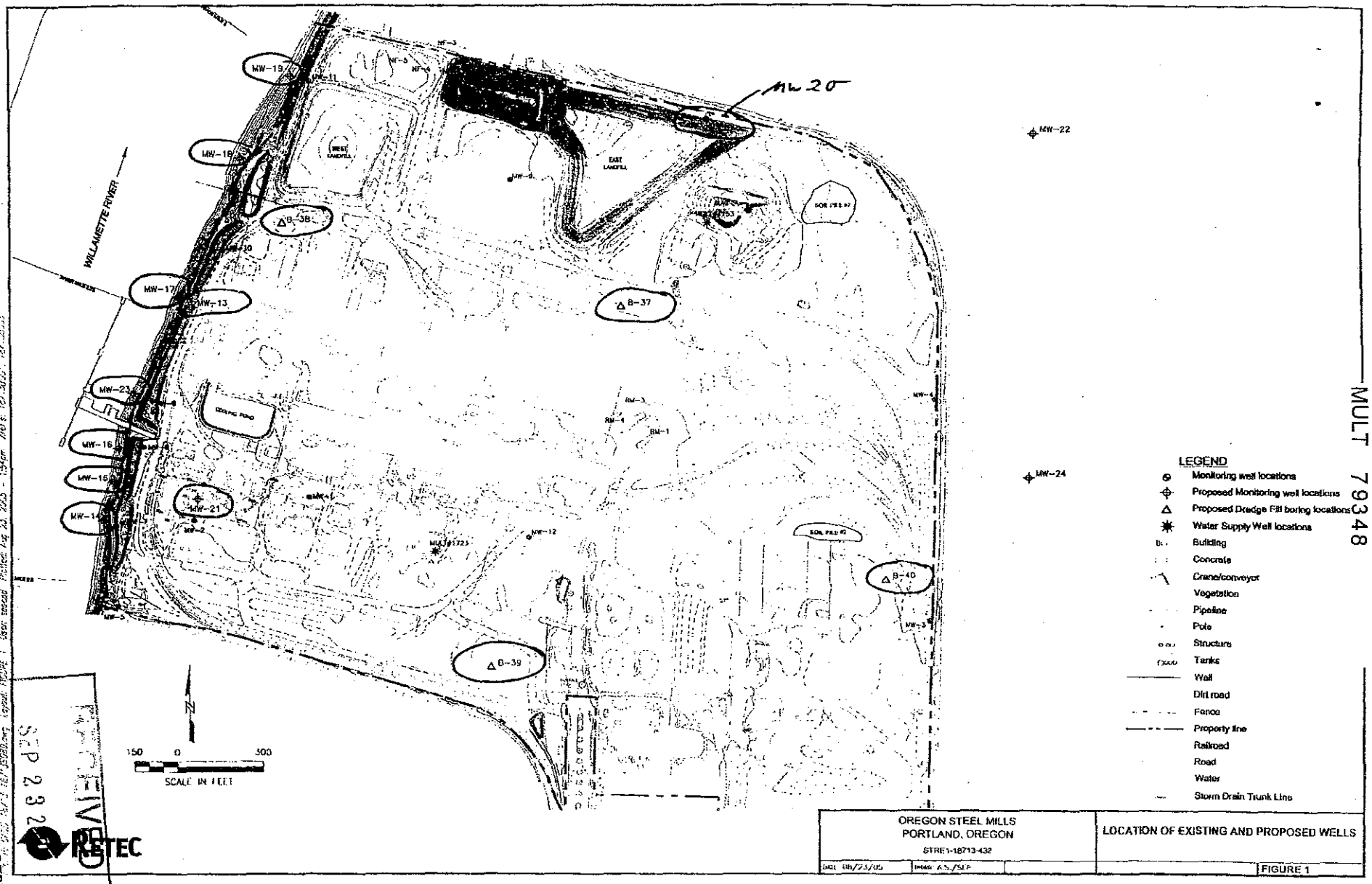
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79343

Well over drilled with 6.25"IDx10"OD hollow stem auger, then backfilled with Bentonite.



OREGON STEEL MILLS
PORTLAND, OREGON
STRE1-18713-432

LOCATION OF EXISTING AND PROPOSED WELLS

FIGURE 1

RETEC

RECEIVED
SEP 23 2005
NATURAL RESOURCES DEPT
OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027477

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79190

START CARD # 1027476

(1) LAND OWNER

Owner Well I.D. MW-17

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

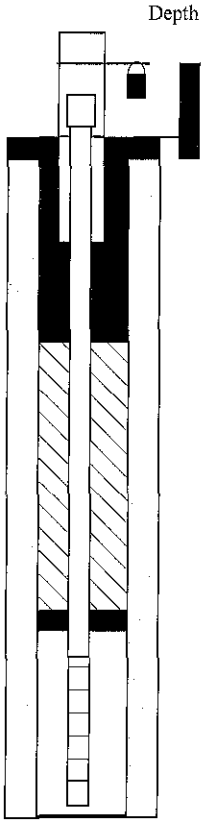
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 13.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 13.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 13.5
Material Bentonite Chips
Amount 625 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed [signature]

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 79190

START CARD # 1027476

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

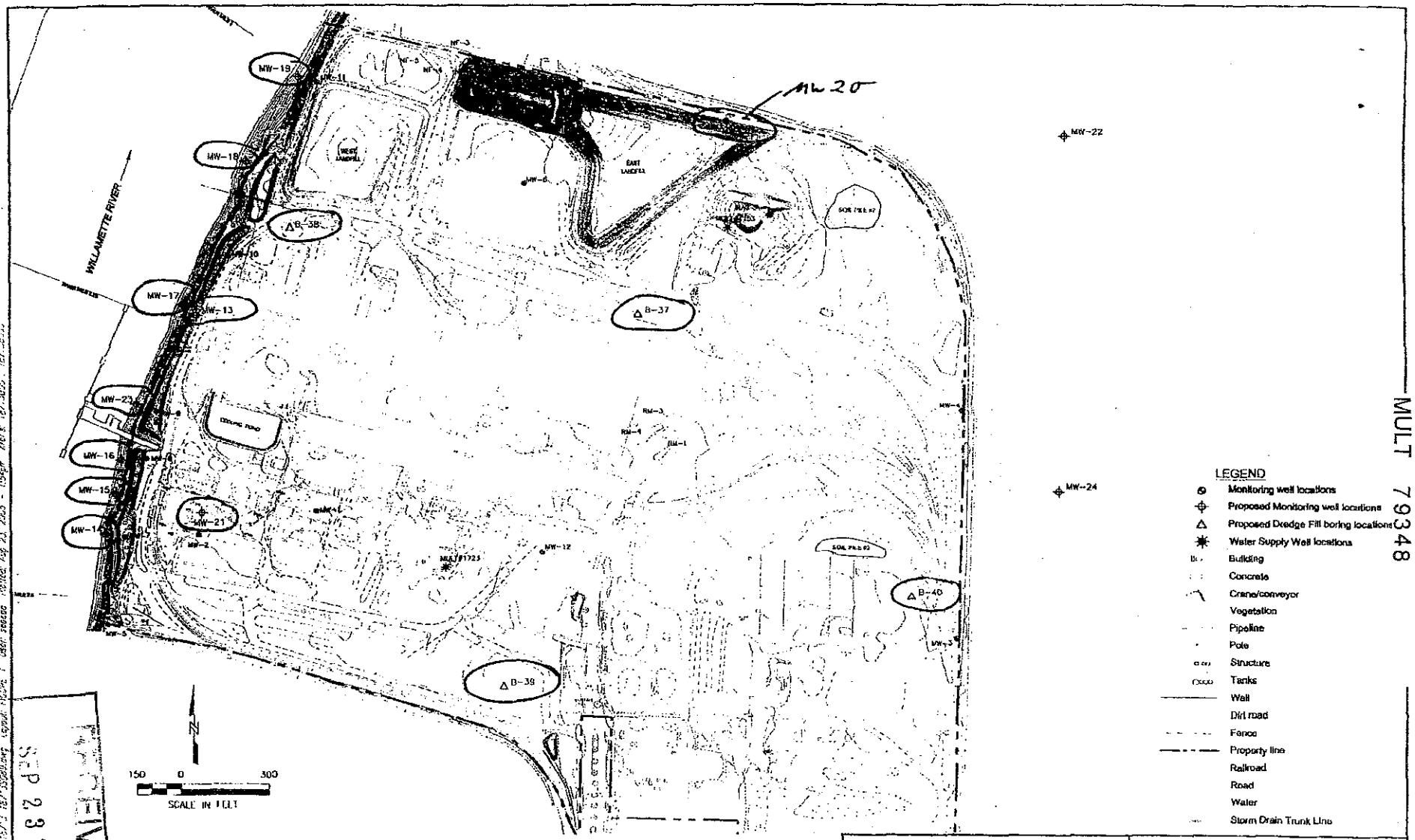
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79344

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



OREGON STEEL MILLS PORTLAND, OREGON STRE1-18713-432	LOCATION OF EXISTING AND PROPOSED WELLS
DATE 08/23/05 DRAWN A.S./SEA	FIGURE 1

RETEC

RECEIVED
SEP 2 3 2005
RESOURCES DEPT
OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027476

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79189

START CARD # 1027475

(1) LAND OWNER

Owner Well I.D. MW-18

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

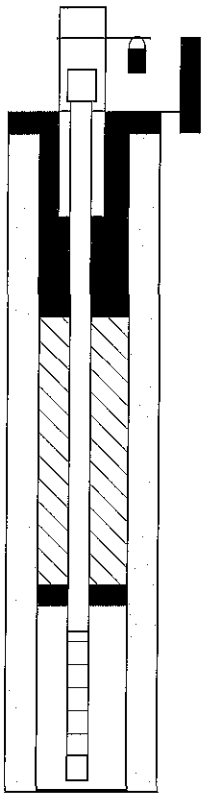
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 14 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 14

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 14
Material Bentonite Chips
Amount 600 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening				
Completed Well				

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed _____

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT -
continuation page

WELL I.D. # L 79189

START CARD # 1027475

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

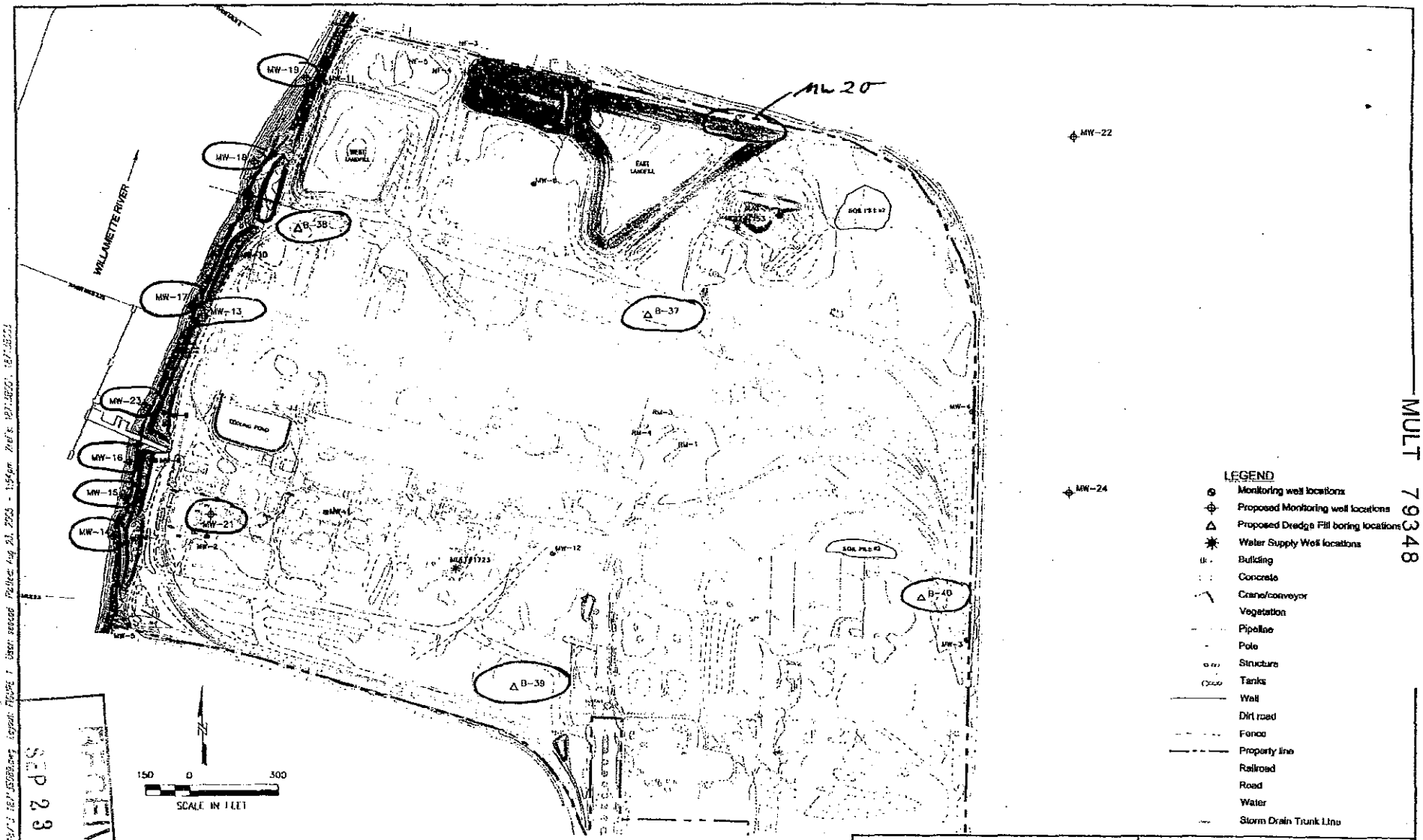
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79346

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.



RECEIVED
SEP 23 2
NATURAL RESOURCES DEPT
OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027475

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79188

START CARD # 1027474

(1) LAND OWNER

Owner Well I.D. MW-19

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

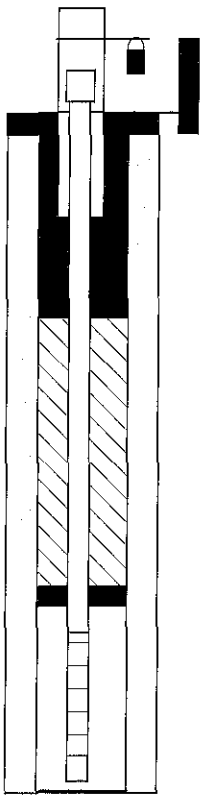
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 14 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 14

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 14
Material Bentonite Chips
Amount 600 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North Corner of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-06-2015 Completed 08-06-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10630 Date 8-19-15

Password : (if filing electronically)

Signed _____

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically)

Signed _____

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT - continuation page

WELL I.D. # L 79188

START CARD # 1027474

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

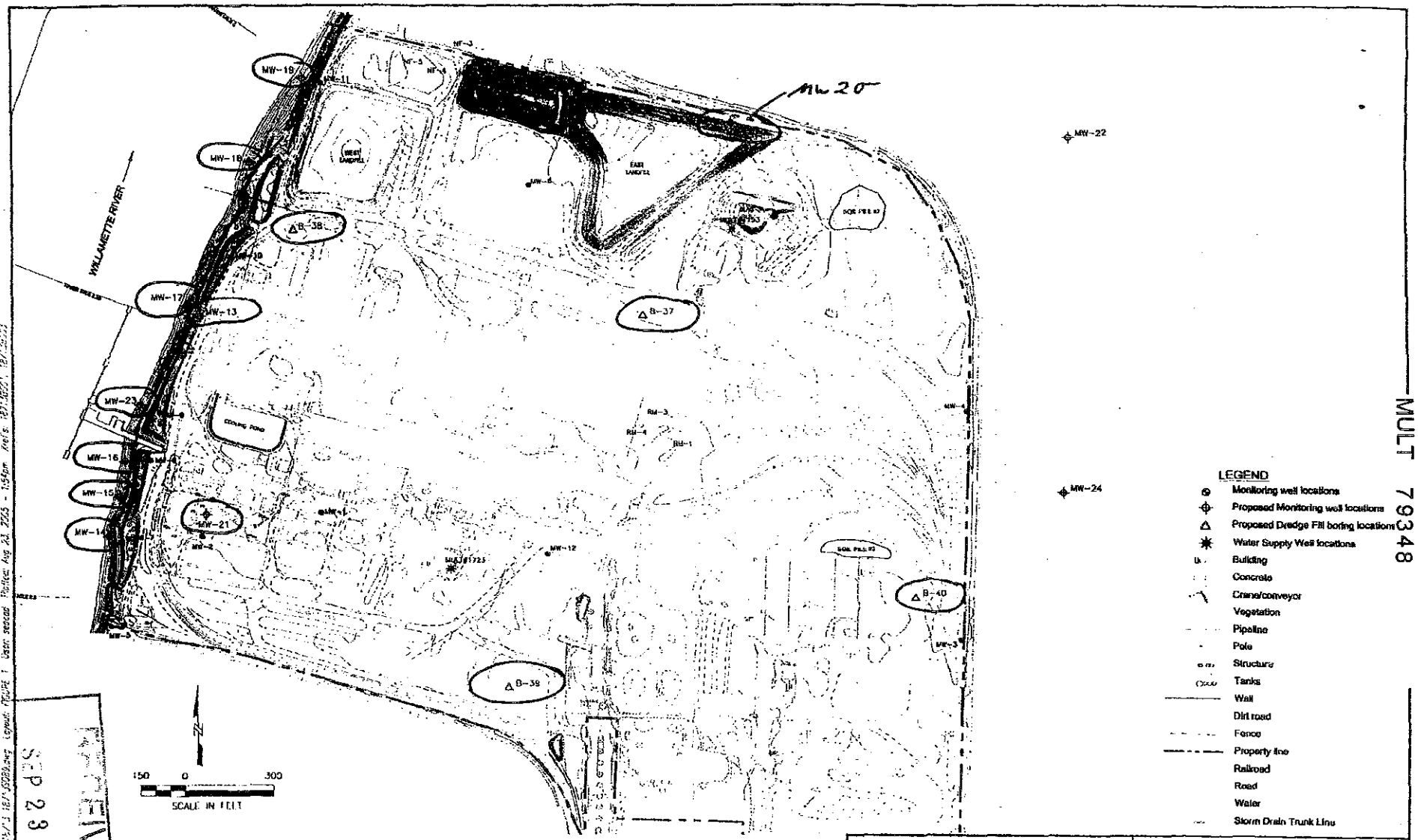
(8) WELL LOG

Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79348

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with bentonite.



LEGEND

- Monitoring well locations
- Proposed Monitoring well locations
- Proposed Dredge Fill boring locations
- Water Supply Well locations
- Building
- Concrete
- Crane/conveyor
- Vegetation
- Pipeline
- Pole
- Structure
- Tanks
- Wall
- Dirt road
- Fence
- Property line
- Railroad
- Road
- Water
- Storm Drain Trunk Line

OREGON STEEL MILLS
PORTLAND, OREGON
STRE1-18713-432

LOCATION OF EXISTING AND PROPOSED WELLS

DATE 08/23/05 DESIGN A.S./SEA

FIGURE 1

RETEC

RECEIVED
SEP 23 2005
NATURAL RESOURCES DEPT
OREGON

MULT 79348

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027474

Owner Information

Company: EVRAZ OREGON STEEL MILLS

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu

STATE OF OREGON
MONITORING WELL REPORT
(as required by ORS 537.765 & OAR 690-240-0395)

WELL LABEL # L 79191

START CARD # 1027481

(1) LAND OWNER

Owner Well I.D. MW-23

First Name _____ Last Name _____

Company EVRAZ Oregon Steel Mills

Address 14400 N. Rivergate Blvd.

City Portland State OR Zip 97203

(2) TYPE OF WORK

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

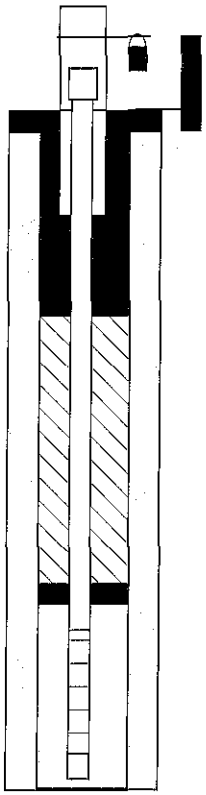
(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☒ Hollow Stem Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) CONSTRUCTION

Piezometer Well ☐

Depth of Completed Well 13.5 ft. Special Standard ☐



MONUMENT/VAULT Above Ground
From _____ To _____

BORE HOLE
Diameter 10 From 0 To 13.5

CASING
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

LINER
Dia. _____ From ☐ _____ To _____
Gauge _____ Wld Thrd
Material ◯ Steel ◯ Plastic ☐ ☐

SEAL
From 0 To 13.5
Material Bentonite Chips
Amount 600 P Grout weight _____

SCREEN
Casing/Liner _____ Material _____
Diameter _____ From _____ To _____
Slot Size _____

FILTER
From _____ To _____ Material _____ Size of pack _____

(5) WELL TESTS

◯ Pump ◯ Bailer ◯ Air ◯ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature _____ °F Lab analysis ☐ Yes By _____

Supervising Geologist/Engineer _____

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(6) LOCATION OF WELL (legal description)

County MULTNOM Twp 2 N N/S Range 1 W E/W WM

Sec 27 NE 1/4 of the SE 1/4 Tax Lot 800

Tax Map Number _____ Lot 22

Lat ° ' " or _____ DMS or DD

Long ° ' " or _____ DMS or DD

◉ Street address of well ◯ Nearest address

North west side of property along Willamette river

(7) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening			☐	
Completed Well			☐	

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(8) WELL LOG

Ground Elevation _____

Material	From	To

Date Started 08-07-2015 Completed 08-07-2015

(unbonded) Monitor 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 monitoring well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 10650 Date 8-19-15

Password : (if filing electronically) _____

Signed [signature]

(bonded) Monitor 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 monitoring well construction standards. This report is true to the best of my knowledge and belief.

License Number 10581 Date 8/19/15

Password : (if filing electronically) _____

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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

Form Version: 0.96

MONITORING WELL REPORT - continuation page

WELL I.D. # L 79191

START CARD # 1027481

(4) CONSTRUCTION

BORE HOLE

Dia	From	To

FILTER PACK

From	To	Material	Size

SEAL

Material	From	To	Amt	sacks/ lbs	grout weight

CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

SCREENS

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn size/slot width	Slot length	# of slots	Tele/ pipe size

(5) WELL TESTS

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(7) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(8) WELL LOG

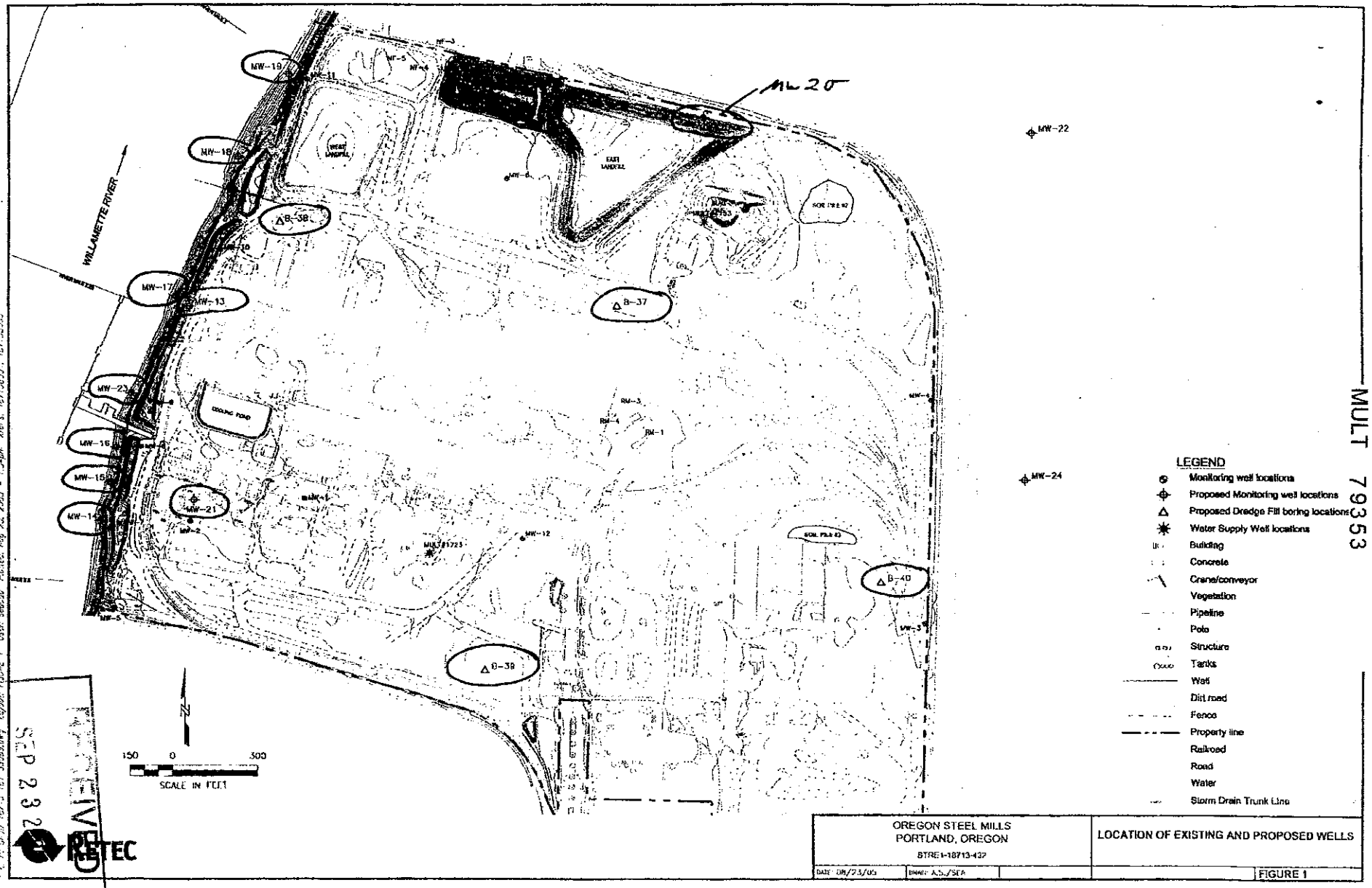
Material	From	To

Comments/Remarks

Abandonment of well - original log MULT79353

Well over drilled with 6.25"IDx10"OD hollow stem auger. then backfilled with Bentonite.

MULT 79353



OREGON STEEL MILLS PORTLAND, OREGON STRE1-18713-432	LOCATION OF EXISTING AND PROPOSED WELLS
DATE: 08/23/05 DRAWN: A.S./SEA	FIGURE 1

RETEC

RECEIVED
SEP 23 2005
RESOURCES DEPT
OREGON

Manage Electronically Filed Pending Start Cards

Well Constructor: 10581 BRIAN OWENS; HOLT SERVICES INC

Start Card Number: 1027481

Owner Information

Company: EVRAZ

First Name: | Last Name:

Street1: 14400 N RIVERGATE BLVD

Street2:

City: PORTLAND State: Oregon Zip: 97203

Home Phone: | Work Phone:

Type of Work

Fee Required: ☐ New ☐ Conversion ☐ Deepening

No Fee Required: ☐ Alteration ☑ Abandonment

Original Start Card#: | Original Well Tag#:

Construction

Proposed Commencement Date: 8/6/2015

Existing/ Proposed Depth(ft): 20

Diameter (inches): 2

Use

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock Other:

☑ Monitoring ☐ Piezometer ☐ Dewatering

Proposed Well Location

Street address of well: 14400 N RIVERGATE BLVD, PORTLAND

County: Multnomah Township: 2.00 N Range: 1.00 W Section: 27

QQ/Q: NE SE Lattitude: | Longitude:

Taxlot: 800

Void Cancel

Return to Main Menu