# APPENDIX D

# WELL PURGE & SAMPLING LOGS

# 2025 NYSDEC
# SITE CHARACTERIZATION
# FEDDERS AUTO COMPONENTS SITE

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-1S

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 4.92 | Sample Name: | N/A |
| Depth of Well: | 14.6 | Length of Well Screen: | | Sample Analysis: | N/A |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1315/1328 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | N/A |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1315 | 300 | X | 6.76 | 11.1 | 3.356 | 17.78 | 8.02 | 21.1 | Initial |
| 1323 | 300 | 0.4 | 7.3 | 10 | 1.992 | 16.37 | 7.85 | -8.3 | |
| 1328 | 300 | 0.8 | 7.04 | 9.2 | 1.697 | 13.75 | 6.75 | 7.9 | |
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Total 0.8 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

No sample and did not finish purge due to melting snow and water flooding the outer well casing

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/15/2026
Weather: Sunny

**WELL I.D.:** MW-1S

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 4.82 | Sample Name: | |
| Depth of Well: | 14.6 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1335/1400 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1405 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1335 | 350 | X | 8.2 | 11.24 | 2.56 | 19.2 | 2.31 | 14 | |
| 1340 | 350 | 0.5 | 8.05 | 9.14 | 0.82 | 34.2 | 3.94 | 33 | |
| 1345 | 350 | 1 | 8.04 | 8.74 | 1.67 | 22.2 | 4.58 | 32 | |
| 1350 | 350 | 1.5 | 7.96 | 8.08 | 0.876 | 128 | 4.8 | 70 | |
| 1355 | 350 | 2 | 7.83 | 7.97 | 0.964 | 52.3 | 4.56 | 152 | |
| 1400 | 350 | 2.5 | 7.78 | 7.86 | 1.17 | 26.3 | 4.41 | 160 | |
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Total 2.5 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

Sample time: 1405

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/15/2025
Weather: Snowy

**WELL I.D.:** MW-1D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 9.1 | Sample Name: | |
| Depth of Well: | 32.43 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1127/1147 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1150 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1127 | 200 | X | 7.28 | 9.9 | 3.207 | 26.25 | 10.13 | 94.9 | Initial |
| 1132 | 200 | 0.25 | 7.1 | 10.6 | 3.145 | 7.53 | 8.38 | 95.8 | |
| 1137 | 200 | 0.5 | 7.19 | 10.2 | 3.147 | 10.15 | 8.52 | 101.8 | |
| 1142 | 200 | 0.75 | 7.15 | 9.2 | 3.139 | 10.08 | 8.55 | 102.7 | |
| 1147 | 200 | 1 | 7.19 | 9.3 | 3.126 | 8.98 | 9.04 | 104 | |
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Total 1 Gallons

**OBSERVATIONS**

* Sampling log

Pump rate low to avoid dip in water level

Sample time: 1150

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-2S

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 3.68 | Sample Name: | |
| Depth of Well: | 14.6 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1105/1127 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1130 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1105 | 300 | X | 7.52 | 9.7 | 1.687 | 26.2 | 10.43 | -9.2 | Initial |
| 1110 | 300 | 0.4 | 7.78 | 8.7 | 1.711 | 28.64 | 9.21 | -35.8 | |
| 1117 | 300 | 0.8 | 7.04 | 8.5 | 1.761 | 21.56 | 8.04 | -36.2 | |
| 1122 | 300 | 1.2 | 7 | 8.7 | 1.792 | 22.32 | 7.94 | -35.3 | |
| 1127 | 300 | 1.6 | 7.01 | 8.6 | 1.787 | 21.37 | 8.01 | -36.4 | |
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Total 1.6 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

Sample time: 1130

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-2D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 7.19 | Sample Name: | |
| Depth of Well: | 27.19 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
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| Total | 0.5 | Gallons | | | | | | | |

**OBSERVATIONS**

*Attempt to sample, however, coal tar still clogging tubing at .5 gal purged. Likely tubing too close to coal tar water interface

* No parameter readings due to coal tar bubbling out in the bucket, did not want to ruin rental equipment

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/16/2026
Weather: Sunny

**WELL I.D.:** MW-2D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6.71 | Sample Name: | |
| Depth of Well: | 27.19 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 900/930 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 935 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 900 | 350 | X | 8.55 | 8.46 | 1.15 | 76.4 | 2.67 | 98 | Initial |
| 905 | 350 | 0.5 | 8.65 | 9.2 | 0.952 | 74.1 | 8.95 | 71 | |
| 910 | 350 | 1 | 8.65 | 9.56 | 0.948 | 64 | 9.12 | 65 | |
| 915 | 350 | 1.5 | 7.87 | 9.87 | 0.953 | 40 | 7.67 | 79 | |
| 920 | 350 | 2 | 7.82 | 9.99 | 1.342 | 24.4 | 5.85 | 92 | |
| 925 | 350 | 2.5 | 7.84 | 10.12 | 1.515 | 26.8 | 3.74 | 98 | |
| 930 | 350 | 3 | 7.84 | 10.22 | 1.72 | 22.2 | 3.43 | 107 | |
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Total 3 Gallons

**OBSERVATIONS**

*Kept tubing far enough from coal-tar and was able to sample with minimal globs of coal tar coming through the tube.

Coal tar present at 24' bgs

Sheen in Purge water

Sample time: 935

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-3S

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 2.31 | Sample Name: | |
| Depth of Well: | 14.56 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1210/1237 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1240 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1210 | 300 | X | 6.71 | 11.7 | 3.481 | 30.71 | 9.35 | 1.3 | Initial |
| 1217 | 300 | 0.4 | 6.76 | 11.5 | 2.873 | 24.24 | 8.43 | -50.7 | |
| 1222 | 300 | 0.8 | 6.69 | 11.2 | 2.161 | 36.24 | 7.27 | -47.8 | |
| 1227 | 300 | 1.2 | 6.67 | 11.3 | 2.165 | 41.46 | 6.93 | -44 | |
| 1232 | 300 | 1.6 | 6.74 | 10.9 | 2.166 | 46.8 | 6.95 | -38.3 | |
| 1237 | 300 | 2 | 6.62 | 10.6 | 2.173 | 49 | 6.72 | -36.4 | |
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Total 2 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

Sample time: 1240

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/15/2025
Weather: Snowy

**WELL I.D.:** MW-3D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 20.24 | Sample Name: | |
| Depth of Well: | 32 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1410/1435 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1435 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1410 | 200 | X | 7.36 | 11.3 | 4.601 | 111.74 | 10.14 | 120.2 | Initial |
| 1415 | 200 | 0.25 | 7.44 | 10.8 | 4.5 | 54.8 | 9.23 | 119.9 | |
| 1420 | 200 | 0.5 | 7.28 | 10.7 | 4.467 | 37.21 | 8.73 | 112.4 | |
| 1425 | 200 | 0.75 | 7.21 | 10.9 | 4.401 | 41.92 | 8.82 | 82.1 | |
| 1430 | 200 | 1 | 7.25 | 10.3 | 4.275 | 41.11 | 9.63 | 55.6 | |
| 1435 | 200 | 1.25 | 7.27 | 10.2 | 4.3 | 40.97 | 9.25 | 53.1 | |
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Total 1.25 Gallons

**OBSERVATIONS**

* Sampling log

Pump rate low to avoid dip in water level

Sample time: 1435

* Well never fully recovered from initial development on 12/5/25

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-4D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 3.6 | Sample Name: | |
| Depth of Well: | 29.56 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1430/1445 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1445 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1430 | 300 | X | 7.15 | 9.8 | 6.966 | 128.35 | 7.96 | 51.7 | Initial |
| 1435 | 300 | 0.4 | 7.19 | 9.8 | 6.848 | 53.84 | 8.24 | 47.8 | |
| 1440 | 300 | 0.8 | 7.21 | 9.3 | 6.822 | 38.27 | 8.34 | 44 | |
| 1445 | 300 | 1.2 | 7.24 | 9.2 | 6.815 | 35.67 | 8.4 | 43.1 | |
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Total 1.2 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

Sample time: 1445

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/15/2026
Weather: Sunny

**WELL I.D.:** MW-5D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 4.14 | Sample Name: | |
| Depth of Well: | 30.1 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1104/1125 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1130 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1104 | 350 | X | 7.65 | 11.52 | 5.76 | 21.1 | 7.75 | 153 | Initial |
| 1110 | 350 | 0.5 | 8.01 | 10.15 | 5.83 | 34.1 | 8.57 | 152 | |
| 1115 | 350 | 1 | 7.89 | 9.6 | 5.86 | 35.3 | 3.01 | 158 | |
| 1120 | 350 | 1.5 | 7.81 | 9.93 | 5.87 | 39.5 | 3.82 | 161 | |
| 1125 | 350 | 2 | 7.78 | 9.1 | 5.9 | 41.2 | 4.12 | 160 | |
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Total 2 Gallons

**OBSERVATIONS**

* Sampling log

Higher pump rate because water level wasn't dropping

Sample time: 1130

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/15/2026
Weather: Sunny

**WELL I.D.:** MW-6D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 7.81 | Sample Name: | |
| Depth of Well: | 31.63 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1220/1255 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1300 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1220 | 350 | X | 7.8 | 12.98 | 7.33 | 462 | 2.6 | 152 | Initial |
| 1225 | 350 | 0.5 | 8.15 | 12.74 | 7.44 | 687 | 2.81 | 139 | |
| 1230 | 350 | 1 | 8.02 | 12.73 | 7.42 | 958 | 2.76 | 128 | Turbid, silty and sandy |
| 1235 | 350 | 1.5 | 7.64 | 11.98 | 8.08 | 1000 | 2.21 | 124 | Turbid, silty and sandy |
| 1240 | 350 | 2 | 8.07 | 11.92 | 7.48 | 1000 | 3.12 | 115 | Turbid, silty and sandy |
| 1245 | 350 | 2.5 | 7.94 | 11.89 | 8.03 | 1000 | 2.73 | 109 | Turbid, silty and sandy |
| 1250 | 350 | 3 | 8.05 | 11.93 | 7.89 | 1000 | 2.01 | 109 | Turbid, silty and sandy |
| 1255 | 350 | 3.5 | 8.01 | 11.98 | 7.94 | 1000 | 2.29 | 100 | Turbid, silty and sandy |
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Total 3.5 Gallons

**OBSERVATIONS**

* Sampling log

Lower pump rate due to dropping water level

Sample time: 1300

*Still turbid, never cleared up from the three rounds of previous development

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/15/2025
Weather: Snowy

**WELL I.D.:** MW-7D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 3.75 | Sample Name: | |
| Depth of Well: | 32 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 952/1020 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1020 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 952 | 200 | X | 7.85 | 6.1 | 5.982 | 30.52 | 11.03 | 27.2 | Initial |
| 957 | 200 | 0.25 | 7.45 | 7.3 | 5.865 | 18.79 | 9.12 | 53.2 | |
| 1002 | 200 | 0.5 | 7.45 | 5.3 | 5.757 | 27.02 | 9.41 | 56.9 | |
| 1010 | 200 | 0.75 | 7.41 | 6.6 | 5.791 | 13.66 | 8.72 | 61.5 | |
| 1015 | 200 | 1 | 7.42 | 7.3 | 5.684 | 10.01 | 8.33 | 57.8 | |
| 1020 | 200 | 1.25 | 7.41 | 6.5 | 5.624 | 9.91 | 9.12 | 58 | |
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Total 1.25 Gallons

**OBSERVATIONS**

* Sampling log

Pump rate low to avoid dip in water level

Sample time: 1020

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-8D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6.34 | Sample Name: | |
| Depth of Well: | 27.3 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 912/958 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1000 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 912 | 200 | X | 7.35 | 11.3 | 6.16 | 715.08 | 10.1 | 82.7 | Initial, turbid |
| 925 | 300 | 0.4 | 7.21 | 10.9 | 5.307 | 455.8 | 9.07 | -15.9 | clearing up |
| 930 | 400 | 1 | 7.05 | 11.6 | 4.525 | 666.07 | 8.59 | -43.7 | |
| 935 | 400 | 1.5 | 6.96 | 10.5 | 4.415 | 209.63 | 9.03 | -30.2 | dropping turbidity |
| 940 | 500 | 2 | 6.94 | 11.4 | 4.422 | 169.88 | 8.32 | -43 | |
| 945 | 500 | 2.65 | 6.97 | 11.4 | 4.277 | 144.7 | 8.01 | -47.2 | |
| 950 | 600 | 3.25 | 7.02 | 11.1 | 4.137 | 113.82 | 8.91 | -52.3 | |
| 955 | 600 | 4 | 7.03 | 11.4 | 4.09 | 88 | 9.02 | -55 | |
| 958 | 600 | 4.5 | 7.03 | 11.4 | 4.025 | 91.03 | 8.96 | -56.1 | |
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Total 4.5 Gallons

**OBSERVATIONS**

* Sampling log

Higher pump rate because water level wasn't dropping

Sample time: 1000

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-9D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 7.15 | Sample Name: | |
| Depth of Well: | 27.01 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
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| Total | 0.5 | Gallons | | | | | | | |

**OBSERVATIONS**

*Attempt to sample, however, coal tar still clogging tubing at .5 gal purged. Likely tubing too close to coal tar water interface

* No parameter readings due to coal tar bubbling out in the bucket, did not want to ruin rental equipment

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/16/2026
Weather: Sunny

**WELL I.D.:** MW-9D

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6.95 | Sample Name: | |
| Depth of Well: | 26.42 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1255/1330 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1335 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1255 | 350 | X | 10.3 | 7.72 | 0.365 | 270 | 2.08 | 32 | |
| 1300 | 350 | 0.5 | 9.64 | 8.87 | 0.304 | 281 | 4.73 | 25 | |
| 1305 | 350 | 1 | 8.98 | 8.8 | 0.473 | 358 | 8.39 | -8 | |
| 1310 | 350 | 1.5 | 8.1 | 8.9 | 0.545 | 705 | 2.51 | -54 | |
| 1315 | 350 | 2 | 8.02 | 8.83 | 0.612 | 473 | 2.41 | -71 | |
| 1320 | 350 | 2.5 | 7.96 | 9.07 | 0.636 | 329 | 3.04 | -73 | |
| 1325 | 350 | 3 | 8.01 | 8.93 | 0.617 | 270 | 2.94 | -77 | |
| 1330 | 350 | 3.5 | 7.98 | 9.1 | 0.629 | 174 | 3.01 | -82 | |
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Total 3.5 Gallons

**OBSERVATIONS**

*sampling Logs

Sample time: 1335

*Kept tubing far enough from coal-tar and was able to sample with minimal globs of coal tar coming through the tube.

*Sheen on purge water

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/16/2026
Weather: Sunny

**WELL I.D.:** MW-100

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6.36 | Sample Name: | |
| Depth of Well: | 29.07 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1135/1200 |
| Pump Type: | Perri-pump | Tubing Type: | 1/4" ODO | Sample Time: | 1205 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1135 | 350 | X | 9.71 | 8.01 | 1.46 | 33.1 | 4.64 | -184 | Initial |
| 1140 | 350 | 0.5 | 9.04 | 7.55 | 1.31 | 30.7 | 3.08 | -147 | |
| 1145 | 350 | 1 | 9.2 | 6.88 | 1.32 | 54.5 | 6.89 | -156 | |
| 1150 | 350 | 1.5 | 8.75 | 8.2 | 1.27 | 33.6 | 3.01 | -136 | |
| 1155 | 350 | 2 | 8.6 | 8.62 | 1.26 | 28.9 | 3.54 | -132 | |
| 1200 | 350 | 2.5 | 8.53 | 8.56 | 1.25 | 25 | 3.42 | -128 | |
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Total 2.5 Gallons

**OBSERVATIONS**

* Sampling log

Sample time: 1205

Coal tar at bottom of well, heavy sheen on the purge water

Globs of coal tar coming up throug tube initially, but resided after .5 gallons

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 12/17/2025
Weather: Sunny

**WELL I.D.:** MW-103 *Gauging only

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6.15 | Sample Name: | |
| Depth of Well: | 23.38 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | |
| Pump Type: | N/A | Tubing Type: | | Sample Time: | |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
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Total _____ Gallons

**OBSERVATIONS**

*Well gauging measurements only for today, no time to sample

LaBella
Powered by partnership.

Project Name: Fedder's Auto
Location: 57 Tonawanda Street, Buffalo, NY
Project No.: 2234026.185
Sampled By: N/A
Date: 1/16/2026
Weather: Sunny

**WELL I.D.:** MW-103 *Gauging only

| WELL SAMPLING INFORMATION | | | | | |
|---|---|---|---|---|---|
| Well Diameter: | 2.0" | Static Water Level: | 6 | Sample Name: | |
| Depth of Well: | 23.61 | Length of Well Screen: | | Sample Analysis: | |
| Measuring Point: | Top of inner casing | Depth to Top of Pump: | | Purge Start & End time: | 1025/1055 |
| Pump Type: | N/A | Tubing Type: | | Sample Time: | 1055 |

**FIELD PARAMETER MEASUREMENT**

| Time | Pump Rate (mL/min) | Gallons Purged | pH +/-0.1 | Temp °C | Conductivity (mS/cm) +/-3% | Turbidity (NTU) +/- 10% | Dissolved $O_2$ (mg/l) +/- 10% | Redox (mV) +/- 10 mV | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1025 | 350 | X | 11.5 | 7.85 | 0.524 | 29.4 | 7.88 | -195 | Initial |
| 1030 | 350 | 0.5 | 12.37 | 8.75 | 0.518 | 18.3 | 2.75 | -203 | |
| 1035 | 350 | 1 | 12.24 | 10.16 | 0.484 | 28.2 | 3.03 | -194 | |
| 1040 | 350 | 1.5 | 11.87 | 10.62 | 0.453 | 26.4 | 7.67 | -180 | |
| 1045 | 350 | 2 | 11.21 | 10.86 | 0.464 | 28.7 | 8.78 | -178 | |
| 1050 | 350 | 2.5 | 11.05 | 10.8 | 0.471 | 27.5 | 2.12 | -189 | |
| 1055 | 350 | 3 | 10.99 | 10.15 | 0.486 | 18.6 | 2.56 | -186 | |
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Total 3 Gallons

**OBSERVATIONS**

No coal tar at bottom of well

Sheen on purge water

Sample at 1055