

A.7 Other
Groundwater NA Indicator Results
Capitol Auto Sales & Service/BVs Automotive BRRTS #03-41-545023

Well MW-1

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 04/24/06 | NOT MEASURED | | | | | <0.50 | 120 | 0.023 | 89 |
| 07/13/17 | 1.60 | 6.92 | -193 | 19.92 | 1176 | NS | NS | NS | NS |
| ENFORCEMENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|-------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 04/11/06 | NOT MEASURED | | | | | NS | NS | <0.016 | NS |
| 07/13/17 | 4.37 | 7.28 | 184.8 | 20.07 | 213 | NS | NS | NS | NS |
| ENFORCEMENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|-------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 04/11/06 | NOT MEASURED | | | | | NS | NS | 0.060 | NS |
| 07/13/17 | 3.09 | 7.13 | 180.4 | 17.72 | 725 | NS | NS | NS | NS |
| ENFORCEMENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|-------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 04/24/06 | NOT MEASURED | | | | | 0.84 | 360 | <0.016 | 90 |
| 07/13/17 | 2.10 | 7.05 | -46.1 | 14.29 | 1200 | NS | NS | NS | NS |
| ENFORCEMENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

A.7. Other

Hydraulic Conductivity Calculations

Capitol Auto Sales & Service/BVs Automotive BRRTS #03-41-545023

MW-2

| | ft/s | cm/s | m/yr |
|----------|-------------|-------------|-------------|
| K | 1.50E-07 | 4.57E-06 | 1.44 |

MW-3

| | ft/s | cm/s | m/yr |
|----------|-------------|-------------|-------------|
| K | 1.60E-07 | 4.88E-06 | 1.54 |

MW-4

| | ft/s | cm/s | m/yr |
|----------|-------------|-------------|-------------|
| K | 1.30E-07 | 3.96E-06 | 1.25 |

| Date | Elv. (High) | Elv. (Low) | Distance (ft) | Hyd Grad (I) |
|-------------|--------------------|-------------------|----------------------|---------------------|
| 1/2/2007 | 710.39 | 706.56 | 21 | 0.1823810 |
| 3/20/2007 | 708.91 | 706.41 | 21 | 0.1190476 |
| 7/13/2017 | 712.32 | 706.07 | 21 | 0.2976190 |

| | |
|----------------|------------------|
| Average | 0.1996825 |
|----------------|------------------|

| | K (m/yr) | I | n | Flow Velocity (m/yr) |
|-------------|-----------------|-----------|----------|-----------------------------|
| MW-2 | 1.44 | 0.1996800 | 0.2 | 1.43952 |
| MW-3 | 1.54 | 0.1996800 | 0.2 | 1.53549 |
| MW-4 | 1.25 | 0.1996800 | 0.2 | 1.24758 |