

**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)	Man-ganese (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 = <b>ES – Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL – Italics</i>						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)	Man-ganese (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 = <b>ES – Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL – Italics</i>						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)	Man-ganese (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 = <b>ES – Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL – Italics</i>						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)	Man-ganese (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 = <b>ES – Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL – Italics</i>						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).

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## 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
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	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

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