Friends of the Shenandoah River
Water-quality Testing Laboratory
1460 University Drive
Winchester Virginia 22601
(540) 665-1286
friendsofshenandoahriver@gmail.com

Site ID	Site Location and Description	lat	long	HUC 12	VA HUC
BRWCM1	Main-stem Shenandoah River @ Riverside	39.16456	-77.85467	020700070202	
BRWCM1	Main-stem Shenandoah River @ Riverside	39.16456	-77.85467	020700070202	
BRWCM1	Main-stem Shenandoah River @ Riverside	39.16456	-77.85467	020700070202	
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BRWCM1	Main-stem Shenandoah River @ Riverside	39.16456	-77.85467	020700070202	
BRWCM2	Main-stem Shenandoah River @ Shenanwood	39.29144	-77.78410	020700070304	
BRWCM2	Main-stem Shenandoah River @ Shenanwood	39.29144	-77.78410	020700070304	
BRWCM2	Main-stem Shenandoah River @ Shenanwood	39.29144	-77.78410	020700070304	

BRWCM2	Main-stem Shenandoah River @ Shenanwood	39.29144	-77.78410	020700070304	
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BRWCM2	Main-stem Shenandoah River @ Shenanwood	39.29144	-77.78410	020700070304	
BRWCM3	Main-stem Shenandoah River @ Harper's Ferry	39.32045	-77.74242	020700070304	
BRWCM3	Main-stem Shenandoah River @ Harper's Ferry	39.32045	-77.74242	020700070304	
BRWCM3	Main-stem Shenandoah River @ Harper's Ferry	39.32045	-77.74242	020700070304	
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BRWCM3	Main-stem Shenandoah River @ Harper's Ferry	39.32045	-77.74242	020700070304	
BRWCM4	Main-stem Shenandoah River At WV Rt 115 BR	39.25453	-77.81467	020700070304	

BRWCM4	Main-stem Shenandoah River At WV Rt 115 BR	39.25453	-77.81467	020700070304	
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BRWCM4	Main-stem Shenandoah River At WV Rt 115 BR	39.25453	-77.81467	020700070304	
BRWCT0	Hog Run	39.16444	-77.85379	020700070202	PS85
BRWCT1	Little Lake Run	39.21986	-77.81439	020700070303	
BRWCT2	Johnson's Hill	39.22807	-77.80936	020700070303	
BRWCT3	Forge Run	39.25727	-77.78454	020700070304	
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BRWCT9	Evitts Run	39.25526	-77.82002		
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BRWCT9C	Evitts Run Park	39.29982	-77.86531		
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BRWCT9C	Evitts Run Park	39.29982	-77.86531		
BRWCT9D	Evitts Run @ Willingham Park	39.25871	-77.85921		
BRWCT9D	Evitts Run @ Willingham Park	39.25871	-77.85921		
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BRWCT9D	Evitts Run @ Willingham Park	39.25871	-77.85921		
BRWCT9D	Evitts Run @ Willingham Park	39.25871	-77.85921		
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
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FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82

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FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
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FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
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FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
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FC01	Main-stem Shenandoah River @ Rt. 50 Bridge, Berry's Ferry Public Boat Landing	39.04164	-78.00064	020700070104	PS82
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83

FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
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FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83

FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
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FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
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FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC02	Spout Run at Tilthammer Mill Rd VA Rt 621	39.06556	-78.00306	020700070105	PS83
FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
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FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
FC03	Lewis Run	39.09336	-77.97742	020700070201	PS84
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
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FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85

FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85

FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85

FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
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FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85

FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
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FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC05	Main-stem Shenandoah River @ Lockes Landing Public Boat Ramp	39.10181	-77.96456	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
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FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC06	Dog Run	39.10556	-77.92294	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85

FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC07B	Berryville WWTP discharge pipe before flowing into Main-stem Shenandoah River left, North of Rt 7 Bridge off Rt. 603 Castleman Road	39.12497	-77.89148	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85

FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85

FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85

FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85

FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
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FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC08	Main-stem Shenandoah River @ Rt. 7 Bridge- Castleman's Ferry Public Boat Landing	39.12392	-77.89119	020700070202	PS85
FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
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FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
FC09	Page Brook at Old Chapel Ave VA Rt 617	39.09335	-78.05048	020700070105	PS83
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC110	Rocky Branch upstream of installed bike crossing steps in stream	39.15098	-77.86009	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85

FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC111	Raven's Rock upstream, east, of bridge abutments at Shenandoah University River Campus at Cool Spring Battlefield	39.14572	-77.86267	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85

FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC113	Spout Run flowing down western slope of the Blue Ridge into Shenandoah River right, Bridge #6039	39.11789	-77.89515	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85

FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC114	Fox's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, FEMA 607 (Saw Mill Hill Road) & 606 (River Road) at Bridge #6004	39.10360	-77.90889	020700070202	PS85
FC115	Sickel's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, exposed tree roots, extreme bank erosion	39.09760	-77.93204	020700070202	PS85

FC115	Sickel's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, exposed tree roots, extreme bank erosion	39.09760	-77.93204	020700070202	PS85
FC115	Sickel's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, exposed tree roots, extreme bank erosion	39.09760	-77.93204	020700070202	PS85
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
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FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84
FC117	Unnamed stream upstream of confluence with Morgan's Mill Stream	39.07324	-77.94995	020700070202	PS84

FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82

FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC118	Wright's Branch flowing down western slope of the Blue Ridge into Shenandoah River right, parallel to Lion's Lane off Rt. 638 (Howellsville Road)	39.02284	-78.01864	020700070202	PS82
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
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FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC18	Chapel Run at Ellerslie Rd VA Rt 621	39.08606	-77.98728	020700070201	PS84
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83

FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
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FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
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FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
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FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83

FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC31	Boyce STP Outfall to Roseville Run near Boyce VA	39.08864	-78.06342	020700070105	PS83
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
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FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
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FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85

FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC32	Wheat Spring Branch	39.13262	-77.88792	020700070202	PS85
FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
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FC33	Roseville Run at Millwood Country Club	39.08059	-78.05298	020700070105	PS83
FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18
FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18
FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18
FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18

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FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18
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FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18

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FCOC	Opequon Creek @ Neil Road (664) upstream of ford, west off Wrights Mill Road (645)	39.19343	-78.07424	020700040903	PU18
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81
FCTR1		39.15014	-77.98067	020700070202	PS81

FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06

FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06

FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FFGCHGC	Headwaters of Goose Creek - Markham - John Marshall Hwy (Rt. 55) east, south onto Fiery Run Road, pass over Goose Creek turn left into driveway just past bridge	38.90513	-78.02832	03070008501	PL06
FLCR1	Clark's Run upstream of One Stop Mobile Home Community WWTF effluent from discharge pipe , near tree with triple trunk	39.22094	-77.53495		
FLCR1	Clark's Run upstream of One Stop Mobile Home Community WWTF effluent from discharge pipe , near tree with triple trunk	39.22094	-77.53495		

FLCR1	Clark's Run upstream of One Stop Mobile Home Community WWTF effluent from discharge pipe , near tree with triple trunk	39.22094	-77.53495		
FLCR2	Clark's Run upstream of FLCR1 downstream of confluence with pond near pavilion	39.22127	-77.53837		
FLCR2	Clark's Run upstream of FLCR1 downstream of confluence with pond near pavilion	39.22127	-77.53837		
FLCR2	Clark's Run upstream of FLCR1 downstream of confluence with pond near pavilion	39.22127	-77.53837		
FLCRDP	One Stop Mobile Home Community WWTF effluent from discharge pipe	39.22126	-77.53405		
FLCRDP	One Stop Mobile Home Community WWTF effluent from discharge pipe	39.22126	-77.53405		
FLCRDP	One Stop Mobile Home Community WWTF effluent from discharge pipe	39.22126	-77.53405		
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14

FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14

FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14

FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14

FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCGC	Goose Creek downstream of confluence with North Fork Goose Creek - James Monroe Hwy (Rt. 15) north, west onto Lime Kiln (Rt. 733), south onto Crooked Bridge Lane, pull over on left (eastside of road) before crossing bridge	39.03757	-77.63986	020700080702	PL14
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13

FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13

FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13

FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13
FLGCLR	Little River - Aldie - John Mosby Hwy/Lee Jackson Memorial Hwy (Rt. 50) east, south onto Aldie Dam Road (Rt. 632), downstream of Aldie dam turn into first driveway on left, eastside	38.97534	-77.65095	020700080701	PL13

FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08

FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08

FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCPSC	Panther Skin Creek - Upperville - John S Mosby Hwy (Rt. 50) east, north onto Lafayette Street, veer left, west, behind Trinity Episcopal church	38.99715	-77.88316	020700080503	PL08
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16

FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16

FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16

FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTC	Tuscarora Creek - Leesburg -E Market Street (Rt. 7) south-east, off ramp to Battlefield Pkwy SE, turn right, north, Solitude Ct. SE, park at Tuscarora Creek Park	39.09552	-77.54252	020700080704	PL16
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12

FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
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FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12

FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12

FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
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FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12

FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
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FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12

FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL	Unnamed north tributary that feeds into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, immediately park at pull off on right, walk across Evening S	39.13427	-77.76350	020700080602	PL12
FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12
FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12

FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12
FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12
FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12
FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12

FLGCTribSL2	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - Harry Byrd Hwy (Rt. 7) west, take exit to Round Hill, E Loudoun Street (Bus Rt. 7), turn right, north, onto Evening Star Road, then left onto Greenwood Drive, walk northeast from pla	39.13857	-77.76747	020700080602	PL12
FLGCTribSL3	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - off Harry Byrd Hwy (Rt. 7) west, downstream of stormwater retention pond runoff at bridge on walking path off Kedleston Rd	39.14441	-77.77184		
FLGCTribSL3	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - off Harry Byrd Hwy (Rt. 7) west, downstream of stormwater retention pond runoff at bridge on walking path off Kedleston Rd	39.14441	-77.77184		
FLGCTribSL3	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - off Harry Byrd Hwy (Rt. 7) west, downstream of stormwater retention pond runoff at bridge on walking path off Kedleston Rd	39.14441	-77.77184		
FLGCTribSL3	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - off Harry Byrd Hwy (Rt. 7) west, downstream of stormwater retention pond runoff at bridge on walking path off Kedleston Rd	39.14441	-77.77184		

FLGCTribSL3	Unnamed tributary that feeds from north into Sleeter Lake - Round Hill - off Harry Byrd Hwy (Rt. 7) west, downstream of stormwater retention pond runoff at bridge on walking path off Kedleston Rd	39.14441	-77.77184		
FLLBTrib1	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, upstream of LWC JK Black Oak Wildlife Sanctuary, upstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21555	-77.53689		
FLLBTrib1	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, upstream of LWC JK Black Oak Wildlife Sanctuary, upstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21555	-77.53689		
FLLBTrib1	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, upstream of LWC JK Black Oak Wildlife Sanctuary, upstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21555	-77.53689		
FLLBTrib2	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, on LWC JK Black Oak Wildlife Sanctuary, downstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21217	-77.53598		

FLLBTrib2	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, on LWC JK Black Oak Wildlife Sanctuary, downstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21217	-77.53598		
FLLBTrib2	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, on LWC JK Black Oak Wildlife Sanctuary, downstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21217	-77.53598		
FLLBTrib3	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Spinks Ferry Road, north of culvert	39.20582	-77.53222		
FLLBTrib3	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Spinks Ferry Road, north of culvert	39.20582	-77.53222		
FLLBTrib3	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Spinks Ferry Road, north of culvert	39.20582	-77.53222		
FLLBTrib4	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Limestone School Road, pull off onto Temple Hall Farm property walk in from path	39.17786	-77.53046		
FLLBTrib4	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Limestone School Road, pull off onto Temple Hall Farm property walk in from path	39.17786	-77.53046		

FLLBTrib4	Unnamed tributary of Limestone Branch east off Route 15, James Monroe Hwy, onto Limestone School Road, pull off onto Temple Hall Farm property walk in from path	39.17786	-77.53046		
FLLBTribDP	Hiway Mobile Home Community WWTF effluent from discharge pipe	39.21393	-77.53649		
FLLBTribDP	Hiway Mobile Home Community WWTF effluent from discharge pipe	39.21393	-77.53649		
FLLBTribDP	Hiway Mobile Home Community WWTF effluent from discharge pipe	39.21393	-77.53649		
FLVCR	Clark's Run upstream of One Stop Mobile Home Community WWTP discharge pipe effluent	39.22083	-77.53513		
FP01	South Fork Shenandoah River @ Town of Shenandoah Dam	38.48222	-78.62750	020700050901	PS37
FP01	South Fork Shenandoah River @ Town of Shenandoah Dam	38.48222	-78.62750	020700050901	PS37
FP01	South Fork Shenandoah River @ Town of Shenandoah Dam	38.48222	-78.62750	020700050901	PS37
FP01	South Fork Shenandoah River @ Town of Shenandoah Dam	38.48222	-78.62750	020700050901	PS37
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FP01	South Fork Shenandoah River @ Town of Shenandoah Dam	38.48222	-78.62750	020700050901	PS37
FP02	South Fork Shenandoah River @ Newport public boat ramp	38.58361	-78.59472	020700050903	PS39
FP02	South Fork Shenandoah River @ Newport public boat ramp	38.58361	-78.59472	020700050903	PS39
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FP02	South Fork Shenandoah River @ Newport public boat ramp	38.58361	-78.59472	020700050903	PS39
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
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FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41

FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41

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FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
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FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03	South Fork Shenandoah River @ White House public boat landing	38.64598	-78.53449	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41

FP03WL	South Fork Shenandoah River at relocated Salem/White House public boat landing on westside of river, river left	38.64524	-78.53478	020700050905	PS41
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45

FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
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FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45

FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
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FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
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FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45

FP05	South Fork Shenandoah River @ Burner's Bottom	38.80139	-78.36778	020700051002	PS45
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
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FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP06	Hawksbill Creek	38.70819	-78.45661	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43

FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
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FP07	Pass Run	38.70500	-78.44611	020700050907	PS43

FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
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FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43
FP07	Pass Run	38.70500	-78.44611	020700050907	PS43

FP07B	Pass Run South Branch at low water br on VA Rt 674	38.67361	-78.38250	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
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FP08	Hawksbill Creek @ Linden Ave	38.65901	-78.46223	020700050907	PS43
FP09	Luray Waste Water Plant	38.68444	-78.45917	020700050907	PS43
FP09	Luray Waste Water Plant	38.68444	-78.45917	020700050907	PS43
FP09	Luray Waste Water Plant	38.68444	-78.45917	020700050907	PS43
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FP09	Luray Waste Water Plant	38.68444	-78.45917	020700050907	PS43
FP10	Stanley Waste Water Plant	38.58106	-78.52708	020700050903	PS39
FP10	Stanley Waste Water Plant	38.58106	-78.52708	020700050903	PS39
FP10	Stanley Waste Water Plant	38.58106	-78.52708	020700050903	PS39
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FP10	Stanley Waste Water Plant	38.58106	-78.52708	020700050903	PS39
FP11	Naked Creek	38.46469	-78.61947	020700050805	PS36
FP11	Naked Creek	38.46469	-78.61947	020700050805	PS36
FP11	Naked Creek	38.46469	-78.61947	020700050805	PS36
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FP11	Naked Creek	38.46469	-78.61947	020700050805	PS36
FP11	Naked Creek	38.46469	-78.61947	020700050805	PS36
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
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FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38

FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
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FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38

FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
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FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
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FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP12	Cub Run	38.55432	-78.59838	020700050902	PS38
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
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FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP13	Mill Creek	38.65967	-78.51728	020700050905	PS41
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
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FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
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FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44

FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP14	Jeremy's Run near mouth	38.76806	-78.39392	020700051001	PS44
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
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FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
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FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45

FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
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FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP15	Overall Run	38.80550	-78.34867	020700051002	PS45
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
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FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40

FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40

FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40

FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FP17	Big Run nr Salem VA Longs Rd br VA Rt 615	38.63250	-78.54750	020700050904	PS40
FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
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FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
FS02	Cedar Creek	39.04122	-78.33241	020700060605	PS75
FS04	Cedar Cr at Middle Rd VA Rt 628	39.07797	-78.32573	020700060605	PS75
FS04	Cedar Cr at Middle Rd VA Rt 628	39.07797	-78.32573	020700060605	PS75
FS04	Cedar Cr at Middle Rd VA Rt 628	39.07797	-78.32573	020700060605	PS75
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FS04	Cedar Cr at Middle Rd VA Rt 628	39.07797	-78.32573	020700060605	PS75
FSDR	North Fork Shenandoah River @ Deer Rapids public boat landing	38.95424	-78.37529	020700060503	PS70
FSDR	North Fork Shenandoah River @ Deer Rapids public boat landing	38.95424	-78.37529	020700060503	PS70
FSDR	North Fork Shenandoah River @ Deer Rapids public boat landing	38.95424	-78.37529	020700060503	PS70

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FSDR	North Fork Shenandoah River @ Deer Rapids public boat landing	38.95424	-78.37529	020700060503	PS70
FSDR	North Fork Shenandoah River @ Deer Rapids public boat landing	38.95424	-78.37529	020700060503	PS70
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58

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FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58

FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58

FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58

FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSMB	North Fork Shenandoah River @ Meems Bottom, upstream of cover bridge abutments	38.72078	-78.65515	020700060304	PS58
FSPCEFDVB	Passage Creek @ Elizabeth Furnance downstream of vehicle bridge to day-use parking area				

FSPCEFDVB	Passage Creek @ Elizabeth Furnance downstream of vehicle bridge to day-use parking area		
FSPCEFDVB	Passage Creek @ Elizabeth Furnance downstream of vehicle bridge to day-use parking area		
FSPCEFUVB	Passage Creek @ Elizabeth Furnance upstream of vehicle access bridge to day-use parking area		
FSPCEFUVB	Passage Creek @ Elizabeth Furnance upstream of vehicle access bridge to day-use parking area		
FSPCEFUVB	Passage Creek @ Elizabeth Furnance upstream of vehicle access bridge to day-use parking area		
FSPCEFUVB	Passage Creek @ Elizabeth Furnance upstream of vehicle access bridge to day-use parking area		
FSPCEFUWB	Passage Creek @ Elizabeth Furnance upstream of walking access bridge to cabins on otherside of Fort Valley Road		
FSPCEFUWB	Passage Creek @ Elizabeth Furnance upstream of walking access bridge to cabins on otherside of Fort Valley Road		

FSPCEFUWB	Passage Creek @ Elizabeth Furnance upstream of walking access bridge to cabins on otherside of Fort Valley Road				
FSPCEFUWB	Passage Creek @ Elizabeth Furnance upstream of walking access bridge to cabins on otherside of Fort Valley Road				
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70

FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
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FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70

FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70
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FSSP	North Fork Shenandoah River @ Strasburg Park public boat landing	38.97306	-78.35151	020700060503	PS70

FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
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FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW14	South Fork Shenandoah River off Luray Ave public boat landing	38.91328	-78.20971	020700051004	PS47
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
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FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
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FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
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FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
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FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80
FW35	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, below confluence with Manassas Run	38.95792	-78.12161	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
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FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80

FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35Mid	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW35MID	Main-stem Shenandoah River @ Morgan's Ford low-water bridge public boat landing, mid-width of river	38.95830	-78.12140	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80

FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
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FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FW36	Manassas Run upstream of confluence with Shenandoah River	38.95714	-78.12241	020700070102	PS80
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
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FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45

FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
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FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45

FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
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FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWAGSP	South Fork Shenandoah River @ Raymond R. "Andy" Guest Jr. Shenandoah River State Park	38.86360	-78.30694	020700051002	PS45
FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45

FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
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FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
FWIH	South Fork Shenandoah River @ Indian Hollow public boat launch	38.83994	-78.33031	020700051002	PS45
FWLRU02	Leach Run east side of Leach Run Parkway off lower end of driveway to Dynamic Life Praise and Workship Center, Warren County VA	38.91253	-78.15817		
FWLRVRC	Leach Run west side of Vista Ridge Court off Lewis Street	38.92517	-78.17274		
FWLRVRC	Leach Run west side of Vista Ridge Court off Lewis Street	38.92517	-78.17274		
FWLRVRC	Leach Run west side of Vista Ridge Court off Lewis Street	38.92517	-78.17274		
FWMR1	Manassas Run downstream, west, of Gore Road (RT. 651) bridge/culvert	38.91756	-78.11619		
FWMR1	Manassas Run downstream, west, of Gore Road (RT. 651) bridge/culvert	38.91756	-78.11619		
FWMR1	Manassas Run downstream, west, of Gore Road (RT. 651) bridge/culvert	38.91756	-78.11619		
FWMR1	Manassas Run downstream, west, of Gore Road (RT. 651) bridge/culvert	38.91756	-78.11619		

FWMRT	Unnamed tributary that flows under railroad tracks into Manassas Run	38.91815	-78.12083		
FWMRT	Unnamed tributary that flows under railroad tracks into Manassas Run	38.91815	-78.12083		
FWMRT	Unnamed tributary that flows under railroad tracks into Manassas Run	38.91815	-78.12083		
FWMRT	Unnamed tributary that flows under railroad tracks into Manassas Run	38.91815	-78.12083		
GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
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GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
GA01	South River @ Port Republic	38.29581	-78.80796	020700050705	PS31
GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
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GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
GA02	South River @ Harriston	38.21833	-78.83667	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31

GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31

GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02A	South River @ Grand Caverns entrance bridge	38.25923	-78.83076	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31

GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31

GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA02B	South River @ Grottoes Town Park	38.28422	-78.83427	020700050705	PS31
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30

GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA04	South River below Waynesboro	38.08861	-78.87694	020700050704	PS30
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA08	South River @ Wilda Rd	38.02267	-79.09409	020700050701	PS27
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11

GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11

GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA10	Middle River - Mt. Meridan @ Snowflake Mill Rd	38.26183	-78.86199	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11

GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11

GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA11	Middle River @ Knightly Mill Rd.	38.23011	-78.92609	020700050303	PS11
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07

GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07

GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA12	Middle River @ Cline Lane - Route 642	38.19031	-78.96974	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07

GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA13	Middle River @ Lebanon Church - Route 742	38.24349	-79.03531	020700050302	PS07
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01

GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01

GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01

GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17	Middle River near Route 703 bridge, below Back Creek	38.15236	-79.18113	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01

GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01

GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17BC	Back Creek near mouth	38.15050	-79.18270	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01

GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01

GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
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GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
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GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01

GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA17MR	Middle River above Back Creek	38.15063	-79.18287	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01

GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01

GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA18	Middle River - Summerdean	38.07419	-79.25540	020700050101	PS01
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06

GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA20	Lower Lewis Creek	38.18288	-78.97550	020700050301	PS06
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30

GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA21	Jones Hollow @ DuPont rec field, South River Watershed	38.06556	-78.88361	020700050704	PS30
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28

GA23	South River @ Lyndhurst - Route 664 bridge	38.04613	-78.94249	020700050702	PS28
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10

GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10

GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA27	Meadow Run @ Route 907 bridge, Middle Riv. Watershed	38.19099	-78.93252	020700050203	PS10
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09

GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09

GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA28	Christians Creek Lower @ Route 907 bridge, Middle Riv. Watershed	38.19217	-78.93493	020700050202	PS09
GA29	Christians Creek Middle @ Route 794 bridge, Middle Riv. Watershed	38.12856	-78.99446	020700050202	PS09
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA32A	Christians Creek @ Rte 831	38.05618	-79.07121	020700050201	PS08
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05

GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05

GA33	Moffett Creek @ Route 732 bridge, near mouth	38.24436	-79.08443	020700050105	PS05
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03

GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03

GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03

GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA34	Jennings Branch, Middle Riv. Watershed	38.22122	-79.13568	020700050103	PS03
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25

GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25

GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA36	North River @ Route 276 bridge, North Riv. Watershed	38.30611	-78.89333	020700050605	PS25
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12

GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12

GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12

GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA37	North River @ Forest Service Road 95 above Elkhorn Lake	38.33435	-79.23898	020700050401	PS12
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02

GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02

GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA38	Middle River @ Rt. 250 Bridge	38.21639	-79.13306	020700050102	PS02
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03

GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03

GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
GA39	Whiskey Creek @ Rt 250 Bridge	38.22080	-79.15329	020700050103	PS03
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24

JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24

JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JA01	Naked Creek @ Rte 694 Dices Spring Rd	38.30826	-78.92472	020700050604	PS24
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19

JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19

JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR01	Muddy Creek @ Rte 737 Rushville Rd	38.43193	-78.98030	020700050503	PS19
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20

JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20

JR02	Dry River @ Rte 752 Rushville Rd bridge	38.43384	-78.98545	020700050504	PS20
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
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JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25
JR09	North River above HRRSA	38.34552	-78.93320	020700050605	PS25

JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
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JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
JR10	Pleasant Run - North River watershed	38.34674	-78.92525	020700050605	PS25
JR11	North River below HRRSA	38.34438	-78.91649	020700050605	PS25
JR11	North River below HRRSA	38.34438	-78.91649	020700050605	PS25
JR11	North River below HRRSA	38.34438	-78.91649	020700050605	PS25
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JR11	North River below HRRSA	38.34438	-78.91649	020700050605	PS25
JR11	North River below HRRSA	38.34438	-78.91649	020700050605	PS25
JR12	Mill Creek - North River watershed	38.31628	-78.81842	020700050606	PS26
JR12	Mill Creek - North River watershed	38.31628	-78.81842	020700050606	PS26
JR12	Mill Creek - North River watershed	38.31628	-78.81842	020700050606	PS26
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JR12	Mill Creek - North River watershed	38.31628	-78.81842	020700050606	PS26
JR12	Mill Creek - North River watershed	38.31628	-78.81842	020700050606	PS26
LGCW.001.TC.01	Tuscarora Creek enter the stream on the south bank (east of Rt. 15), approximately midway between Rt. 15 and the onramp for Rt. 7 east.	39.10128	-77.57367	020700080704	PL16
LGCW.001.TC.01	Tuscarora Creek enter the stream on the south bank (east of Rt. 15), approximately midway between Rt. 15 and the onramp for Rt. 7 east.	39.10128	-77.57367	020700080704	PL16
LGCW.001.TC.01	Tuscarora Creek enter the stream on the south bank (east of Rt. 15), approximately midway between Rt. 15 and the onramp for Rt. 7 east.	39.10128	-77.57367	020700080704	PL16

LGCW.001.TC.01	Tuscarora Creek enter the stream on the south bank (east of Rt. 15), approximately midway between Rt. 15 and the onramp for Rt. 7 east.	39.10128	-77.57367	020700080704	PL16
LGCW.002.SC.01	Sycolin Creek at intersection of Harmony Church Road and Mt. Gilead Road, enter the south bank of stream, east of the Mt. Gilead bridge.	39.07701	-77.60692	020700080704	PL16
LGCW.002.SC.01	Sycolin Creek at intersection of Harmony Church Road and Mt. Gilead Road, enter the south bank of stream, east of the Mt. Gilead bridge.	39.07701	-77.60692	020700080704	PL16
LGCW.002.SC.01	Sycolin Creek at intersection of Harmony Church Road and Mt. Gilead Road, enter the south bank of stream, east of the Mt. Gilead bridge.	39.07701	-77.60692	020700080704	PL16
LGCW.002.SC.01	Sycolin Creek at intersection of Harmony Church Road and Mt. Gilead Road, enter the south bank of stream, east of the Mt. Gilead bridge.	39.07701	-77.60692	020700080704	PL16
LGCW.003.NFGC.01	North Fork Goose Creek from SB Rt. 15 turn right onto Lime Kiln Road, travel 1.6 miles, enter stream on the west side of bridge, or off the bridge	39.03892	-77.64979	020700080704	PL16
LGCW.003.NFGC.01	North Fork Goose Creek from SB Rt. 15 turn right onto Lime Kiln Road, travel 1.6 miles, enter stream on the west side of bridge, or off the bridge	39.03892	-77.64979	020700080704	PL16

LGCW.003.NFGC.01	North Fork Goose Creek from SB Rt. 15 turn right onto Lime Kiln Road, travel 1.6 miles, enter stream on the west side of bridge, or off the bridge	39.03892	-77.64979	020700080704	PL16
LGCW.003.NFGC.01	North Fork Goose Creek from SB Rt. 15 turn right onto Lime Kiln Road, travel 1.6 miles, enter stream on the west side of bridge, or off the bridge	39.03892	-77.64979	020700080704	PL16
LGCW.004.LR.02	Little River from Aldie Park parking area walk 100 yards south along the east bank of the stream to the flat area to enter the stream Traveling westbound on Rt. 50., turn left (south) on Aldie Dam Rd. Park at the Aldie Park parking lot. Walk south a	38.97622	-77.65105	020700080701	PL13
LGCW.004.LR.02	Little River from Aldie Park parking area walk 100 yards south along the east bank of the stream to the flat area to enter the stream Traveling westbound on Rt. 50., turn left (south) on Aldie Dam Rd. Park at the Aldie Park parking lot. Walk south a	38.97622	-77.65105	020700080701	PL13
LGCW.004.LR.02	Little River from Aldie Park parking area walk 100 yards south along the east bank of the stream to the flat area to enter the stream Traveling westbound on Rt. 50., turn left (south) on Aldie Dam Rd. Park at the Aldie Park parking lot. Walk south a	38.97622	-77.65105	020700080701	PL13

LGCW.005.HR.01	Hungry Run travel 1.3 miles south on Aldie Dam Road, park at abandoned farm on right (west) enter stream from east bank Continuing on Aldie Dam Rd., travel about 1 mile south. Turn right (west) at an abandoned farm shed with a gravel driveway. Parallel w	38.96549	-77.65557	020700080701	PL13
LGCW.005.HR.01	Hungry Run travel 1.3 miles south on Aldie Dam Road, park at abandoned farm on right (west) enter stream from east bank Continuing on Aldie Dam Rd., travel about 1 mile south. Turn right (west) at an abandoned farm shed with a gravel driveway. Parallel w	38.96549	-77.65557	020700080701	PL13
LGCW.005.HR.01	Hungry Run travel 1.3 miles south on Aldie Dam Road, park at abandoned farm on right (west) enter stream from east bank Continuing on Aldie Dam Rd., travel about 1 mile south. Turn right (west) at an abandoned farm shed with a gravel driveway. Parallel w	38.96549	-77.65557	020700080701	PL13
LGCW.005.HR.01	Hungry Run travel 1.3 miles south on Aldie Dam Road, park at abandoned farm on right (west) enter stream from east bank Continuing on Aldie Dam Rd., travel about 1 mile south. Turn right (west) at an abandoned farm shed with a gravel driveway. Parallel w	38.96549	-77.65557	020700080701	PL13

LGCW.005.HR.01	Hungry Run travel 1.3 miles south on Aldie Dam Road, park at abandoned farm on right (west) enter stream from east bank Continuing on Aldie Dam Rd., travel about 1 mile south. Turn right (west) at an abandoned farm shed with a gravel driveway. Parallel w	38.96549	-77.65557	020700080701	PL13
LGCW.006.LR.01	Little River Route 50 south on Champe Ford Road , pull off gravel area before bridge, Follow Little River westward along the north bank until there is a sharp right turn (about 100 yards), and enter the water on the north bank	38.97419	-77.66814	020700080701	PL13
LGCW.006.LR.01	Little River Route 50 south on Champe Ford Road , pull off gravel area before bridge, Follow Little River westward along the north bank until there is a sharp right turn (about 100 yards), and enter the water on the north bank	38.97419	-77.66814	020700080701	PL13
LGCW.006.LR.01	Little River Route 50 south on Champe Ford Road , pull off gravel area before bridge, Follow Little River westward along the north bank until there is a sharp right turn (about 100 yards), and enter the water on the north bank	38.97419	-77.66814	020700080701	PL13

LGCW.006.LR.01	Little River Route 50 south on Champe Ford Road , pull off gravel area before bridge, Follow Little River westward along the north bank until there is a sharp right turn (about 100 yards), and enter the water on the north bank	38.97419	-77.66814	020700080701	PL13
LGCW.007.GC.01	Goose Creek USGS gauge Rt. 621 (Evergreen Mills Rd). Turn left immediately after passing over the bridge on Evergreen Mills Rd. to the north bank of Goose Creek	39.01833	-77.57530	020700080701	PL13
LGCW.007B.GC.01	Goose Creek USGS gauge Rt. 621 (Evergreen Mills Rd). Turn left immediately after passing over the bridge on Evergreen Mills Rd. to the north bank of Goose Creek	39.01881	-77.57769	020700080701	PL13
LGCW.007B.GC.01	Goose Creek USGS gauge Rt. 621 (Evergreen Mills Rd). Turn left immediately after passing over the bridge on Evergreen Mills Rd. to the north bank of Goose Creek	39.01881	-77.57769	020700080701	PL13
LGCW.007B.GC.01	Goose Creek USGS gauge Rt. 621 (Evergreen Mills Rd). Turn left immediately after passing over the bridge on Evergreen Mills Rd. to the north bank of Goose Creek	39.01881	-77.57769	020700080701	PL13
LGCW.007B.GC.01	Goose Creek USGS gauge Rt. 621 (Evergreen Mills Rd). Turn left immediately after passing over the bridge on Evergreen Mills Rd. to the north bank of Goose Creek	39.01881	-77.57769	020700080701	PL13

LGCW.008.SC.02	Sycolin Creek traveling NB on Rt. 621, cross Sycolin Creek and turn right (east) onto Rt. 649 (Hogeland Mill Rd./Dunlin Rd.) enter stream from the north bank above small dam	39.05538	-77.57563	020700080701	PL13
LGCW.008.SC.02	Sycolin Creek traveling NB on Rt. 621, cross Sycolin Creek and turn right (east) onto Rt. 649 (Hogeland Mill Rd./Dunlin Rd.) enter stream from the north bank above small dam	39.05538	-77.57563	020700080701	PL13
LGCW.008.SC.02	Sycolin Creek traveling NB on Rt. 621, cross Sycolin Creek and turn right (east) onto Rt. 649 (Hogeland Mill Rd./Dunlin Rd.) enter stream from the north bank above small dam	39.05538	-77.57563	020700080701	PL13
LGCW.008.SC.02	Sycolin Creek traveling NB on Rt. 621, cross Sycolin Creek and turn right (east) onto Rt. 649 (Hogeland Mill Rd./Dunlin Rd.) enter stream from the north bank above small dam	39.05538	-77.57563	020700080701	PL13
LGCW.008.SC.02	Sycolin Creek traveling NB on Rt. 621, cross Sycolin Creek and turn right (east) onto Rt. 649 (Hogeland Mill Rd./Dunlin Rd.) enter stream from the north bank above small dam	39.05538	-77.57563	020700080701	PL13
LGCW.009.SC.03	Sycolin Creek traveling eastbound on Rt. 653 (Shreve Mill Rd.), crossing over the Dulles Greenway. After driving over a small bridge (Sycolin Creek) On Rt. 653, turn left about 25 yards later into a gravel lot. Park and walk through the stagnant tributary	39.06122	-77.55528	020700080703	PL15

LGCW.009.SC.03	Sycolin Creek traveling eastbound on Rt. 653 (Shreve Mill Rd.), crossing over the Dulles Greenway. After driving over a small bridge (Sycolin Creek) On Rt. 653, turn left about 25 yards later into a gravel lot. Park and walk through the stagnant tributary	39.06122	-77.55528	020700080703	PL15
LGCW.010.SC.04	Sycolin Creek walk over the bridge on Gant Lane turn left (east) to follow the south bank for approximately 10 yards then enter the stream	39.06167	-77.54141	020700080703	PL15
LGCW.010.SC.04	Sycolin Creek walk over the bridge on Gant Lane turn left (east) to follow the south bank for approximately 10 yards then enter the stream	39.06167	-77.54141	020700080703	PL15
LGCW.010.SC.04	Sycolin Creek walk over the bridge on Gant Lane turn left (east) to follow the south bank for approximately 10 yards then enter the stream	39.06167	-77.54141	020700080703	PL15
LGCW.010.SC.04	Sycolin Creek walk over the bridge on Gant Lane turn left (east) to follow the south bank for approximately 10 yards then enter the stream	39.06167	-77.54141	020700080703	PL15

LGCW.011.TC.03	Tuscarora Creek traveling north on Rt. 653 (Cochran Mill Rd.) until it turns into Russell Branch Pkwy SE take the right (east) split (still Rt. 653 but now Golf Club Rd.) enter north bank of the creek, east of the Cochran Mill Rd. bridge and west of the p	39.08467	-77.51668	020700080704	PL16
LGCW.011.TC.03	Tuscarora Creek traveling north on Rt. 653 (Cochran Mill Rd.) until it turns into Russell Branch Pkwy SE take the right (east) split (still Rt. 653 but now Golf Club Rd.) enter north bank of the creek, east of the Cochran Mill Rd. bridge and west of the p	39.08467	-77.51668	020700080704	PL16
LGCW.011.TC.03	Tuscarora Creek traveling north on Rt. 653 (Cochran Mill Rd.) until it turns into Russell Branch Pkwy SE take the right (east) split (still Rt. 653 but now Golf Club Rd.) enter north bank of the creek, east of the Cochran Mill Rd. bridge and west of the p	39.08467	-77.51668	020700080704	PL16
LGCW.011.TC.03	Tuscarora Creek traveling north on Rt. 653 (Cochran Mill Rd.) until it turns into Russell Branch Pkwy SE take the right (east) split (still Rt. 653 but now Golf Club Rd.) enter north bank of the creek, east of the Cochran Mill Rd. bridge and west of the p	39.08467	-77.51668	020700080704	PL16

LGCW.012.GC.02	Goose Creek traveling east on Golf Club Rd., turn left (north) at the Keep Loudoun Beautiful Park parking lot. Walk east to the Goose Creek and follow the gravel footpath until it meets the water on the west bank.	39.08570	-77.51150	020700080704	PL16
LGCW.012.GC.02	Goose Creek traveling east on Golf Club Rd., turn left (north) at the Keep Loudoun Beautiful Park parking lot. Walk east to the Goose Creek and follow the gravel footpath until it meets the water on the west bank.	39.08570	-77.51150	020700080704	PL16
LGCW.012.GC.02	Goose Creek traveling east on Golf Club Rd., turn left (north) at the Keep Loudoun Beautiful Park parking lot. Walk east to the Goose Creek and follow the gravel footpath until it meets the water on the west bank.	39.08570	-77.51150	020700080704	PL16
LGCW.012.GC.02	Goose Creek traveling east on Golf Club Rd., turn left (north) at the Keep Loudoun Beautiful Park parking lot. Walk east to the Goose Creek and follow the gravel footpath until it meets the water on the west bank.	39.08570	-77.51150	020700080704	PL16
LGCW.013.TC.02	Tuscarora Creek Traveling west on Russell Branch Pkwy SE, turn left (west) on Battlefield Pkwy SE, turn right (north) onto Lawson Rd, follow it until road ends (semi-cul de sac). Walk downstream 5-10 yards east of the culverts and enter the south bank o	39.09859	-77.54679	020700080704	PL16

LGCW.013.TC.02	Tuscarora Creek Traveling west on Russell Branch Pkwy SE, turn left (west) on Battlefield Pkwy SE, turn right (north) onto Lawson Rd, follow it until road ends (semi-cul de sac). Walk downstream 5-10 yards east of the culverts and enter the south bank o	39.09859	-77.54679	020700080704	PL16
LGCW.014.SCT.01	Unnamed tributary of Sycolin Creek traveling eastbound on Rt. 653 (Shreve Mill Rd.), crossing over the Dulles Greenway. After driving over a small bridge (Sycolin Creek) On Rt. 653, turn left about 25 yards later into a gravel lot. Park and walk northwest	39.06105	-77.55486	020700080703	PL15
LGCW.014.SCT.01	Unnamed tributary of Sycolin Creek traveling eastbound on Rt. 653 (Shreve Mill Rd.), crossing over the Dulles Greenway. After driving over a small bridge (Sycolin Creek) On Rt. 653, turn left about 25 yards later into a gravel lot. Park and walk northwest	39.06105	-77.55486	020700080703	PL15
LGCW.014.SCT.01	Unnamed tributary of Sycolin Creek traveling eastbound on Rt. 653 (Shreve Mill Rd.), crossing over the Dulles Greenway. After driving over a small bridge (Sycolin Creek) On Rt. 653, turn left about 25 yards later into a gravel lot. Park and walk northwest	39.06105	-77.55486	020700080703	PL15

LGCW.015	Unnamed tributary of Sycolin Creek after leaving LGCW.010.SC.04, continue north on Rt. 653 (Cochran Mill Rd.) for 1 mile. After passing “Southern States” petroleum service on the right (east), stop just before bridge	39.07167	-77.52921	020700080703	PL15
LGCW.015	Unnamed tributary of Sycolin Creek after leaving LGCW.010.SC.04, continue north on Rt. 653 (Cochran Mill Rd.) for 1 mile. After passing “Southern States” petroleum service on the right (east), stop just before bridge	39.07167	-77.52921	020700080703	PL15
LWCBO1	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, upstream of LWC JK Black Oak Wildlife Sanctuary,upstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21555	-77.53689		
LWCBO1	Unnamed tributary of Limestone Branch south of Stumptown Rd, west of Rt. 15, upstream of LWC JK Black Oak Wildlife Sanctuary,upstream of Hiway Mobile Home Community WWTF effluent discharge pipe	39.21555	-77.53689		

LWCBO2	Hiway Mobile Home Community WWTF effluent from discharge pipe		
LWCBO2	Hiway Mobile Home Community WWTF effluent from discharge pipe		
LWCBO3	Unnamed tributary of Limestone Branch downstream of Hiway Mobile Home Community WWTF effluent from discharge pipe		
LWCBO3	Unnamed tributary of Limestone Branch downstream of Hiway Mobile Home Community WWTF effluent from discharge pipe		
LWCVCRU1	Clark's Run upstream of One Stop Mobile Home Community WWTF effluent from discharge pipe		

NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
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NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
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NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
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NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
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NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR01	Linville Creek	38.61860	-78.79550	020700060302	PS56
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55

NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55

NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55

NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NR02	North Fork @ Shenandoah Ave bridge-upstream of Linville Creek	38.61970	-78.79500	020700060301	PS55
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS13	Toms Brook above STP	38.94317	-78.43717	020700060502	PS69
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78

NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78

NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS15	Rt. 55 Bridge - Strasburg/Downstream of Strasburg STP	38.97670	-78.33680	020700060703	PS78
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68

NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68

NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68

NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68

NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68

NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS25	North Fork Shenandoah River at Lupton Bridge, Woodstock/Baseline data	38.87160	-78.49260	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68

NS26BR	North Fork Shenandoah River nr Woodstock at VA St 267 Br Chapman Landing	38.84463	-78.53150	020700060501	PS68
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS44	Tumbling Run @ Fishers Hill	38.98530	-78.39920	020700060503	PS70
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63

NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63

NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63

NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS46	Mill Creek @ Rt. 614 Bridge Rinkerton	38.75550	-78.67010	020700060305	PS63
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74

NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74

NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS52	Cedar Creek at Rt. 606/Baseline data for largely healthy stream	39.09778	-78.35528	020700060604	PS74
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76

NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
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NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76

NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS53	Passage Creek @ Moreland Gap Road	38.73503	-78.51868	020700060701	PS76
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70

NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70

NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS59	North Fork Shenandoah River at Old Mill Restaurant, upstream of Strasburg water intake	38.98738	-78.37237	020700060503	PS70
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
NS61	Cedar Creek @ Rt 11 in Strasburg	39.00670	-78.31630	020700060605	PS75
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		

RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRCCP1	Goose Creek upstream of confluence with Potomac River at River Creek Confluence Park. H2O water sample is collected off the dock	39.10130	-77.47832		
RFLGCRDT2	Goose Creek at Riverpoint Drive Trailhead (formally Kephart Bridge Landing), Leesburg. Follow path to canoe/kayak launch area downstream of ruins left from bridge	39.09940	-77.49483		
RFLGCRDT2	Goose Creek at Riverpoint Drive Trailhead (formally Kephart Bridge Landing), Leesburg. Follow path to canoe/kayak launch area downstream of ruins left from bridge	39.09940	-77.49483		

RFLGCRDT2	Goose Creek at Riverpoint Drive Trailhead (formally Kephart Bridge Landing), Leesburg. Follow path to canoe/kayak launch area downstream of ruins left from bridge	39.09940	-77.49483		
RFLGCRDT2	Goose Creek at Riverpoint Drive Trailhead (formally Kephart Bridge Landing), Leesburg. Follow path to canoe/kayak launch area downstream of ruins left from bridge	39.09940	-77.49483		
RFLGCRDT2	Goose Creek at Riverpoint Drive Trailhead (formally Kephart Bridge Landing), Leesburg. Follow path to canoe/kayak launch area downstream of ruins left from bridge	39.09940	-77.49483		
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85

SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHDTP	Pigeon Hollow immediately downstream of discharge from terracotta pipe at Shenandoah University River Campus at Cool Spring Battlefield	39.13891	-77.87080	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85

SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85

SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85
SUCSPHM	Pigeon Hollow downstream of parking area, adjacent to Kiosk at Shenandoah University River Campus at Cool Spring Battlefield	39.13652	-77.87203	020700070202	PS85
SUCSPHM	Pigeon Hollow above road bridge at Shenandoah University River Campus at Cool Spring Battlefield	39.13579	-77.86966	020700070202	PS85

SUCSPHTRIB	Pigeon Hollow Tributary that appears to be a spring type discharge, percolating up from a terracotta pipe feeding into Pigeon Hollow between picnic area and pond at Shenandoah University River Campus at Cool Spring Battlefield	39.13617	-77.87086	020700070202	PS85
SUCSPHTRIB	Pigeon Hollow Tributary that appears to be a spring type discharge, percolating up from a terracotta pipe feeding into Pigeon Hollow between picnic area and pond at Shenandoah University River Campus at Cool Spring Battlefield	39.13617	-77.87086	020700070202	PS85
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB2	Toms Brook above confluence with Jordan Run	38.93750	-78.43361	020700060502	PS69
TB3	Jordan Run above confluence with Toms Brook	38.92861	-78.43111	020700060502	PS69
TB3	Jordan Run above confluence with Toms Brook	38.92861	-78.43111	020700060502	PS69
TB3	Jordan Run above confluence with Toms Brook	38.92861	-78.43111	020700060502	PS69
TBV1	North Fork Shenandoah River @ Rte 42, Timberville	38.63750	-78.77340	020700060303	PS57

TBV1	North Fork Shenandoah River @ Rte 42, Timberville	38.63750	-78.77340	020700060303	PS57
TBV1	North Fork Shenandoah River @ Rte 42, Timberville	38.63750	-78.77340	020700060303	PS57
TBV1	North Fork Shenandoah River @ Rte 42, Timberville	38.63750	-78.77340	020700060303	PS57
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TBV1	North Fork Shenandoah River @ Rte 42, Timberville	38.63750	-78.77340	020700060303	PS57
TBV2	North Fork Shenandoah River @ Rte 728	38.65200	-78.69770	020700060303	PS57
TBV2	North Fork Shenandoah River @ Rte 728	38.65200	-78.69770	020700060303	PS57
TBV2	North Fork Shenandoah River @ Rte 728	38.65200	-78.69770	020700060303	PS57
TBV2	North Fork Shenandoah River @ Rte 728	38.65200	-78.69770	020700060303	PS57
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TBV2	North Fork Shenandoah River @ Rte 728	38.65200	-78.69770	020700060303	PS57

County	Date H2O Sample Collected	Time H2O Sample Collected	Stream T(C)	Total Nitrogen PPM	TotalNitrogenQualifier	Nitrate PPM	Nitrate Qualifier
Jefferson	1/12/2018	8:52				1.16	
Jefferson	2/9/2018	8:22				0.71	
Jefferson	4/27/2018	7:50				0.86	
Jefferson	7/27/2018	8:06				1.11	
Jefferson	11/30/2018	7:45				1.54	
Jefferson	12/14/2018	8:24				2.01	
Jefferson	1/11/2019	8:14				2.07	
Jefferson	4/5/2019	8:04				1.43	
Jefferson	5/10/2019	7:59				1.08	
Jefferson	6/14/2019	7:43				1.32	
Jefferson	7/12/2019	8:55				1.08	
Jefferson	8/9/2019	8:21				0.46	

Jefferson	11/8/2019	8:55		1.01	
Jefferson	12/13/2019	8:09		0.97	
Jefferson	3/6/2020	8:14		1.11	
Jefferson	5/15/2020	8:27		0.65	
Jefferson	6/5/2020	8:26		0.38	
Jefferson	8/14/2020	8:19		1.12	
Jefferson	7/17/2020	8:47		0.19	
Jefferson	9/18/2020	7:56		0.91	
Jefferson	10/9/2020	8:30		0.90	
Jefferson	11/6/2020	8:26		0.92	
Jefferson	1/22/2021	7:53		2.06	
Jefferson	3/12/2021	8:21		1.70	
Jefferson	4/9/2021	8:33			
Jefferson	6/18/2021	8:04		1.69	
Jefferson	7/16/2021	7:59		0.20	
Jefferson	8/13/2021	8:25		0.19	

Jefferson	9/17/2021	9:05		1.27	
Jefferson	10/8/2021	8:03		0.92	
Jefferson	12/3/2021	7:49		1.07	
Jefferson	2/11/2022	8:20		1.28	
Jefferson	3/4/2022	8:05		1.02	
Jefferson	4/8/2022	7:48			
Jefferson	6/10/2022	8:02		0.76	
Jefferson	9/16/2022	8:48		0.44	
Jefferson	11/4/2022	8:35		0.24	
Jefferson	12/12/2022	9:52			
Jefferson	1/12/2018	9:10		1.34	
Jefferson	2/9/2018	9:41		0.83	
Jefferson	4/27/2018	8:25		0.91	

Jefferson	6/22/2018	8:46			
Jefferson	7/27/2018	10:47		1.15	
Jefferson	11/30/2018	8:56		1.59	
Jefferson	7/12/2019	9:08		1.16	
Jefferson	11/8/2019	8:20		0.92	
Jefferson	1/12/2018	10:02		1.62	
Jefferson	2/9/2018	9:23		1.04	
Jefferson	4/27/2018	8:55		1.17	
Jefferson	6/22/2018	9:15			
Jefferson	7/27/2018	10:14		1.39	
Jefferson	10/26/2018	7:55		2.05	
Jefferson	11/30/2018	8:21		1.98	
Jefferson	12/14/2018	9:17		2.44	
Jefferson	1/11/2019	9:24		2.45	
Jefferson	4/5/2019	8:17		1.97	

Jefferson	5/10/2019	8:14		1.56	
Jefferson	6/14/2019	8:32		1.61	
Jefferson	7/12/2019	8:41		1.45	
Jefferson	8/9/2019	9:11		0.90	
Jefferson	11/8/2019	8:42		1.15	
Jefferson	12/13/2019	9:06		1.31	
Jefferson	3/6/2020	9:07		1.45	
Jefferson	5/15/2020	9:16		0.87	
Jefferson	6/5/2020	8:30		0.73	
Jefferson	7/17/2020	9:39		0.64	
Jefferson	8/14/2020	8:35		1.32	
Jefferson	9/18/2020	8:08		0.98	
Jefferson	10/9/2020	8:42		1.01	
Jefferson	11/6/2020	8:42		1.10	
Jefferson	1/22/2021	8:05		2.30	NitDilx10
Jefferson	3/12/2021	8:29		1.92	
Jefferson	4/9/2021	9:53			

Jefferson	6/18/2021	9:03		2.35	NitDilx10
Jefferson	7/16/2021	8:36		0.65	
Jefferson	8/13/2021	9:22		0.54	
Jefferson	9/17/2021	10:03		1.46	
Jefferson	10/8/2021	9:25		1.29	
Jefferson	12/3/2021	8:25		1.29	
Jefferson	2/11/2022	8:59		1.44	
Jefferson	3/4/2022	9:14		1.21	
Jefferson	4/8/2022	8:22			
Jefferson	6/10/2022	8:37		1.15	
Jefferson	9/16/2022	9:58		0.71	
Jefferson	10/7/2022	8:08		0.78	
Jefferson	11/4/2022	9:35		0.67	
Jefferson	12/12/2022	13:25			
Jefferson	1/12/2018	9:25		1.25	

Jefferson	2/9/2018	8:50		0.79	
Jefferson	4/27/2018	8:20		0.90	
Jefferson	6/22/2018	7:38			
Jefferson	7/27/2018	8:40		1.20	
Jefferson	10/26/2018	8:51		1.67	
Jefferson	11/30/2018	9:03		1.60	
Jefferson	12/14/2018	8:56		2.07	
Jefferson	1/11/2019	8:42		2.09	
Jefferson	4/5/2019	9:06		1.46	
Jefferson	5/10/2019	9:00		1.12	
Jefferson	6/14/2019	8:09		1.32	
Jefferson	7/12/2019	8:30		1.18	
Jefferson	8/9/2019	8:48		0.58	
Jefferson	11/8/2019	9:35		0.98	
Jefferson	12/13/2019	8:39		1.08	
Jefferson	3/6/2020	8:42		1.19	

Jefferson	5/15/2020	8:53		0.69	
Jefferson	6/5/2020	9:19		0.45	
Jefferson	8/14/2020	9:19		1.15	
Jefferson	7/17/2020	9:15		0.22	
Jefferson	9/18/2020	8:56		0.87	
Jefferson	10/9/2020	9:26		0.90	
Jefferson	11/6/2020	9:24		0.93	
Jefferson	1/22/2021	8:49		2.08	
Jefferson	3/12/2021	8:52		1.69	
Jefferson	4/9/2021	9:05			
Jefferson	6/18/2021	8:36		2.03	
Jefferson	7/16/2021	8:57		0.29	
Jefferson	8/13/2021	8:52		0.28	
Jefferson	9/17/2021	9:31		1.28	
Jefferson	10/8/2021	9:03		1.03	

Jefferson	12/3/2021	8:46		1.11	
Jefferson	2/11/2022	9:17		1.30	
Jefferson	3/4/2022	8:31		1.03	
Jefferson	4/8/2022	8:44			
Jefferson	6/10/2022	8:56		0.79	
Jefferson	9/16/2022	9:17		0.52	
Jefferson	10/7/2022	8:36		0.64	
Jefferson	11/4/2022	9:01		0.34	
Jefferson	12/12/2022	10:40			
Jefferson	12/12/2022	11:23			
Jefferson	12/12/2022	11:48			
Jefferson	1/12/2018	9:29		1.41	
Jefferson	2/9/2018	10:10		1.56	
Jefferson	4/27/2018	8:00		0.72	
Jefferson	6/22/2018	8:24			

Jefferson	7/27/2018	11:07		0.76	
Jefferson	9/21/2018	8:23		0.74	
Jefferson	7/12/2019	9:30		1.20	
Jefferson	11/8/2019	7:49		1.28	
Jefferson	12/12/2022	12:25			
Jefferson	1/12/2018	9:36			
Jefferson	2/9/2018	9:00		4.53	
Jefferson	4/27/2018	8:35		4.78	
Jefferson	6/22/2018	7:45			
Jefferson	7/27/2018	8:48		4.81	
Jefferson	9/21/2018	8:51		4.95	
Jefferson	10/26/2018	8:35		5.59	
Jefferson	11/30/2018	8:53		5.62	
Jefferson	12/14/2018	10:36		5.78	
Jefferson	1/11/2019	8:56		5.83	
Jefferson	4/5/2019	9:02		5.43	
Jefferson	5/10/2019	8:53		4.76	
Jefferson	6/14/2019	9:25		4.82	
Jefferson	7/12/2019	9:16		4.39	

Jefferson	8/9/2019	10:43		5.15	
Jefferson	11/8/2019	9:22		4.97	
Jefferson	12/13/2019	10:15		4.83	
Jefferson	3/6/2020	10:10		4.98	
Jefferson	5/15/2020	10:25		4.60	
Jefferson	6/5/2020	9:11		3.76	
Jefferson	7/17/2020	11:02		4.17	
Jefferson	8/14/2020	9:11		4.43	
Jefferson	9/18/2020	8:45		4.34	
Jefferson	10/9/2020	9:20		4.05	
Jefferson	11/6/2020	9:21		4.46	
Jefferson	1/22/2021	8:37		5.63	NitDilx10
Jefferson	3/12/2021	9:06		4.98	NitDilx10
Jefferson	4/9/2021	9:11			
Jefferson	6/18/2021	10:15		4.88	NitDilx10
Jefferson	7/16/2021	7:53		3.77	NitiDilx10
Jefferson	8/13/2021	9:00		4.36	NitDilx10
Jefferson	9/17/2021	9:40		4.48	NitDilx10
Jefferson	10/8/2021	7:53		4.62	NitDilx10

Jefferson	12/3/2021	7:45		4.37	NitDilx10
Jefferson	2/11/2022	8:15		4.76	NitDilx10
Jefferson	3/4/2022	8:39		4.35	NitDilx10
Jefferson	4/8/2022	7:45			
Jefferson	5/13/2022	8:25		4.41	NitDilx10
Jefferson	6/10/2022	7:55		4.49	NitDilx10
Jefferson	9/16/2022	9:32		4.62	NitDilx10
Jefferson	10/7/2022	7:45		4.50	Dilx10
Jefferson	11/4/2022	9:10		4.02	NitDilx10
Jefferson	12/12/2022	12:53			
Jefferson	1/12/2018	10:33		4.83	
Jefferson	2/9/2018	10:11		5.64	
Jefferson	4/27/2018	9:25		4.41	
Jefferson	6/22/2018	9:40			
Jefferson	7/27/2018	9:43		4.64	
Jefferson	9/21/2018	8:44		4.53	

Jefferson	10/26/2018	8:20		5.43	
Jefferson	11/30/2018	7:50		5.33	
Jefferson	12/14/2018	10:10		5.56	
Jefferson	1/11/2019	10:08		5.65	
Jefferson	4/5/2019	8:45		4.97	
Jefferson	5/10/2019	8:36		4.34	
Jefferson	6/14/2019	8:53		4.90	
Jefferson	7/12/2019	8:12		4.50	
Jefferson	8/9/2019	9:49		5.12	
Jefferson	11/8/2019	9:13		5.27	
Jefferson	12/13/2019	9:35		5.40	
Jefferson	3/6/2020	9:37		5.13	
Jefferson	5/15/2020	9:42		4.17	
Jefferson	6/5/2020	8:56			
Jefferson	7/17/2020	10:14		4.14	
Jefferson	8/14/2020	9:01		4.21	
Jefferson	9/18/2020	8:31		4.10	
Jefferson	10/9/2020	9:07		4.25	

Jefferson	11/6/2020	9:07		4.34	
Jefferson	1/22/2021	8:24		5.60	NitDilx10
Jefferson	3/12/2021	8:53		5.02	NitDilx10
Jefferson	4/9/2021	10:43			
Jefferson	6/18/2021	9:35		4.48	NitDilx10
Jefferson	7/16/2021	8:10		3.74	NitDilx10
Jefferson	8/13/2021	10:03		4.44	NitDilx10
Jefferson	9/17/2021	10:25		4.25	NitDilx10
Jefferson	10/8/2021	8:08		4.74	NitDilx10
Jefferson	12/3/2021	8:01		4.87	NitDilx10
Jefferson	2/11/2022	8:31		5.03	NitDilx10
Jefferson	3/4/2022	9:57		4.84	NitDilx10
Jefferson	4/8/2022	8:01			
Jefferson	5/13/2022	9:05		4.62	NitDilx10
Jefferson	6/10/2022	8:14		4.85	NitDilx10
Jefferson	9/16/2022	10:37		4.85	NitDilx10
Jefferson	10/7/2022	8:29		4.65	Dilx10

Jefferson	11/4/2022	10:44		4.52	NitDilx10
Jefferson	12/12/2022	13:58			
Jefferson	1/12/2018	10:47		6.36	
Jefferson	2/9/2018	9:43		5.02	
Jefferson	4/27/2018	8:55		4.14	
Jefferson	6/22/2018	8:07			
Jefferson	7/27/2018	9:15		4.83	
Jefferson	9/21/2018	8:33		4.76	
Jefferson	11/30/2018	8:35		5.48	
Jefferson	12/14/2018	10:25		7.02	
Jefferson	4/5/2019	8:43		5.28	
Jefferson	5/10/2019	8:40		4.39	
Jefferson	6/14/2019	9:06		4.88	
Jefferson	7/12/2019	8:10		4.41	
Jefferson	8/9/2019	10:25		5.13	

Jefferson	11/8/2019	8:03		5.11	
Jefferson	12/13/2019	9:56		5.08	
Jefferson	3/6/2020	9:53		5.02	
Jefferson	5/15/2020	10:00		4.35	
Jefferson	6/5/2020	9:01			
Jefferson	7/17/2020	10:36		3.59	
Jefferson	8/14/2020	8:58		3.83	
Jefferson	9/18/2020	8:33		4.25	
Jefferson	10/9/2020	9:07		3.91	
Jefferson	11/6/2020	9:03		4.55	
Jefferson	1/22/2021	8:30		5.41	NitDilx10
Jefferson	3/12/2021	9:13		4.63	NitDilx10
Jefferson	4/9/2021	11:05			
Jefferson	6/18/2021	9:51		4.60	NitDilx10
Jefferson	7/16/2021	8:35		3.39	NitDilx10
Jefferson	8/13/2021	10:32		4.06	NitDilx10
Jefferson	9/17/2021	10:39		4.31	NitDilx10
Jefferson	10/8/2022	8:40		4.50	NitDilx10
Jefferson	12/3/2021	8:26		4.40	NitDilx10
Jefferson	2/11/2022	8:57		4.82	NitDilx10

Jefferson	3/4/2022	9:41			4.24	NitDilx10
Jefferson	4/8/2022	8:25				
Jefferson	5/13/2022	8:39			4.34	NitDilx10
Jefferson	6/10/2022	8:36			4.65	NitDilx10
Jefferson	9/16/2022	11:05			4.73	NitDilx10
Jefferson	10/7/2022	8:14			4.47	Dilx10
Jefferson	11/4/2022	10:16			3.96	NitDilx10
Clarke	1/12/2018	11:15	9.00		1.28	
Clarke	1/26/2018	9:06	0.00		1.24	
Clarke	2/9/2018	14:00	1.00		0.81	
Clarke	2/23/2018	10:33	11.00		0.93	
Clarke	3/9/2018	15:05	5.00		0.99	
Clarke	4/13/2018		15.00		0.60	
Clarke	4/27/2018	12:35	5.00		1.13	

Clarke	5/2/2018	9:13	14.00			
Clarke	5/9/2018	8:59	18.00			
Clarke	5/11/2018	8:10	19.00		0.56	
Clarke	5/16/2018	9:34	21.00			
Clarke	5/23/2018	9:35				
Clarke	5/30/2018	8:55	21.50			
Clarke	6/7/2018	17:13	18.00			
Clarke	6/7/2018	17:13	18.00		1.29	
Clarke	6/8/2018	10:51			1.40	
Clarke	6/13/2018	9:10	19.00			
Clarke	6/20/2018	16:26	24.50			

Clarke	6/22/2018	13:57	21.00			
Clarke	6/27/2018	18:30	20.00			
Clarke	7/5/2018	16:25	28.10			
Clarke	7/11/2018	16:45	25.10			
Clarke	7/13/2018	15:00	26.00		1.47	
Clarke	7/19/2018	14:07	25.00			
Clarke	7/26/2018	19:33	23.00			
Clarke	7/27/2018	11:25	23.00		1.28	
Clarke	8/2/2018	16:12				
Clarke	8/9/2018	12:32	23.50			
Clarke	8/10/2018	10:18			1.49	

Clarke	8/15/2018	18:06	23.30			
Clarke	8/22/2018	15:30	23.10			
Clarke	8/24/2018	9:11	20.00		1.55	
Clarke	8/28/2018	14:07	24.00			
Clarke	9/4/2018	14:45	26.00			
Clarke	9/7/2018	14:10	24.00		1.45	
Clarke	9/11/2018	15:11	17.50			
Clarke	9/20/2018	18:19				
Clarke	10/12/2018	8:47	20.00		2.01	
Clarke	10/26/2018	11:55	10.00		1.86	
Clarke	11/9/2018	11:52	11.00		1.27	

Clarke	11/30/2018	12:56			1.69	
Clarke	12/14/2018	9:46			2.16	
Clarke	1/11/2019	15:10	6.00		2.12	
Clarke	2/8/2019	14:20	11.00		2.07	
Clarke	4/5/2019	12:03	12.00		1.55	
Clarke	5/6/2019	15:15	17.50			
Clarke	5/10/2019	8:20	20.00		1.15	
Clarke	5/15/2019	12:29	15.00			
Clarke	5/20/2019	9:47	20.00			
Clarke	5/29/2019	10:15	23.00			
Clarke	6/5/2019	9:49				

Clarke	6/12/2019	13:51	20.50				
Clarke	6/20/2019	13:02	24.00				
Clarke	6/27/2019	14:07	25.00				
Clarke	6/28/2019	10:40	25.00				
Clarke	7/2/2019	14:10	26.00				
Clarke	7/5/2019	9:43	25.50				
Clarke	7/9/2019	9:17	19.50				
Clarke	7/12/2019	13:50	26.00			1.25	
Clarke	7/17/2019	13:22	27.00				
Clarke	7/24/2019	10:44	24.00				
Clarke	7/31/2019	9:10	25.50				

Clarke	8/6/2019	14:59	27.00			
Clarke	8/9/2019	12:45			0.59	
Clarke	8/15/2019	15:01	25.00			
Clarke	8/22/2019	15:57	28.00			
Clarke	8/29/2019	18:30	23.50			
Clarke	9/3/2019	14:47	25.00			
Clarke	9/10/2019	13:59	23.80			
Clarke	9/13/2019	8:15	24.00		0.71	
Clarke	9/16/2019	10:32	23.00			
Clarke	11/8/2019	13:23	10.50		1.01	
Clarke	10/18/2019	10:01	10.00		0.60	

Clarke	12/13/2019	14:30			1.12	
Clarke	1/10/2020	14:56	3.50		1.05	
Clarke	2/21/2020	14:50	6.00		1.44	
Clarke	3/6/2020	14:25	11.00		1.22	
Clarke	5/8/2020	15:03	14.00			
Clarke	5/14/2020	14:17	14.50			
Clarke	5/15/2020	7:35	15.00		0.79	
Clarke	5/20/2020	13:00	15.50			
Clarke	5/27/2020	16:47				
Clarke	6/3/2020	13:38				
Clarke	6/6/2020	15:19				

Clarke	6/10/2020	8:30	22.80		
Clarke	6/18/2020	16:06	20.90		
Clarke	6/22/2020	13:53	23.00		
Clarke	6/24/2020	13:32	24.50		
Clarke	7/1/2020	11:54	28.00		
Clarke	7/8/2020	13:41	30.50		
Clarke	7/15/2020	13:21	27.50		
Clarke	7/23/2020	9:37	28.00		
Clarke	7/30/2020	9:23	26.50		
Clarke	8/5/2020	16:24	27.50		
Clarke	8/12/2020	9:00	26.50		

Clarke	8/14/2020	14:45	26.00		1.18	
Clarke	7/17/2020	12:40	28.00		0.37	
Clarke	8/18/2020	13:25	22.50			
Clarke	8/25/2020	10:15	24.80			
Clarke	9/2/2020	9:04	22.50			
Clarke	9/10/2020	10:15	23.00			
Clarke	9/17/2020	9:23	20.50			
Clarke	9/18/2020	8:10	20.00		0.99	
Clarke	9/24/2020	13:07	18.50			
Clarke	9/30/2020	9:48	18.90			
Clarke	10/9/2020	9:34			0.96	

Clarke	11/6/2020	14:00	11.50		1.02	
Clarke	1/22/2021	13:30	5.00		2.11	
Clarke	3/12/2021	15:55	14.00		1.81	
Clarke	4/9/2021	13:58	15.50			
Clarke	5/27/2021	9:44	25.00			
Clarke	6/3/2021	12:09	20.00			
Clarke	6/10/2021	11:49	27.00			
Clarke	6/15/2021	11:51	21.50			
Clarke	6/18/2021	13:40	22.00		1.41	
Clarke	6/23/2021	9:18	24.00			
Clarke	7/1/2021	9:30	29.00			

Clarke	7/2/2021	11:04	27.30			
Clarke	7/7/2021	9:25	27.40			
Clarke	7/14/2021	9:21	28.50			
Clarke	7/16/2021	13:30	27.00		0.29	
Clarke	7/21/2021	9:22	28.00			
Clarke	7/28/2021	9:09	28.00			
Clarke	8/11/2021	9:20	27.00			
Clarke	8/13/2021	7:25	27.00		0.27	
Clarke	8/19/2021	8:23	26.10			
Clarke	8/25/2021	9:47	28.00			
Clarke	9/2/2021	12:20	21.80			

Clarke	9/17/2021	14:10	25.00		1.41	
Clarke	10/8/2021	8:52	20.00		1.06	
Clarke	11/5/2021	13:21	9.00		0.91	
Clarke	12/3/2021	15:20	7.00		1.30	
Clarke	3/4/2022	15:05	9.00		1.08	
Clarke	5/13/2022	8:13	16.00		0.87	
Clarke	5/25/2022	10:05	18.50			
Clarke	6/1/2022	13:43				
Clarke	6/9/2022	9:45				
Clarke	6/10/2022	13:35	22.00		0.88	
Clarke	6/14/2022	9:10	23.00			

Clarke	6/22/2022	14:26	23.00			
Clarke	6/23/2022	9:33	22.00			
Clarke	6/28/2022	9:34	22.00			
Clarke	7/5/2022	10:17	26.00			
Clarke	7/13/2022	9:11	26.00			
Clarke	7/20/2022	9:10	25.00			
Clarke	7/28/2022	9:36	25.30			
Clarke	8/2/2022	11:18	25.50			
Clarke	8/5/2022	13:50	27.00		0.64	
Clarke	8/10/2022	9:18	27.00			
Clarke	8/17/2022	8:41	21.00			

Clarke	8/25/2022	9:37	24.10			
Clarke	9/1/2022	9:15	23.50			
Clarke	9/8/2022	11:55	22.50			
Clarke	9/15/2022	12:46	22.00			
Clarke	9/16/2022	7:55	22.00		0.52	
Clarke	10/7/2022	14:25			0.86	
Clarke	11/4/2022	9:28	12.50		0.35	
Clarke	1/12/2018	11:05	9.00		2.72	
Clarke	1/26/2018	8:56	3.00		2.59	
Clarke	2/9/2018	13:50	5.00		2.29	
Clarke	2/23/2018	10:52	8.00		2.22	
Clarke	3/9/2018	14:55	7.00		2.37	
Clarke	4/13/2018	13:20	15.00		2.16	

Clarke	4/27/2018	12:45	3.00		1.83	
Clarke	5/11/2018	8:25	15.00		2.00	
Clarke	6/8/2018	11:09			1.78	
Clarke	6/22/2018	13:45	16.00			
Clarke	7/13/2018	14:50	18.00		2.06	
Clarke	7/27/2018	11:41	17.00		1.56	
Clarke	8/10/2018	10:30			1.77	
Clarke	8/24/2018	9:30	15.00		1.85	
Clarke	9/7/2018	13:55	18.00		1.68	
Clarke	9/21/2018	9:30	17.00		1.87	
Clarke	10/12/2018	9:03	15.00		1.83	
Clarke	10/26/2018	11:35	10.00		2.20	
Clarke	11/9/2018	11:35	11.00		1.86	
Clarke	11/30/2018	13:14			1.99	
Clarke	12/14/2018	9:58			2.25	
Clarke	1/11/2019	15:00	6.00		2.17	

Clarke	2/8/2019	14:00	11.00		2.06	
Clarke	4/5/2019	12:15	11.00		2.04	
Clarke	5/10/2019	8:35	16.00		1.68	
Clarke	7/12/2019	13:40	18.00		2.09	
Clarke	8/9/2019	12:25			2.33	
Clarke	9/13/2019	8:30	17.00		2.52	
Clarke	11/8/2019	13:12	9.40		2.66	
Clarke	10/18/2019	10:19	12.00		2.64	
Clarke	1/10/2020	14:44	7.50		2.85	
Clarke	12/13/2019	14:15			2.86	
Clarke	2/21/2020	14:35	7.00		2.32	
Clarke	3/6/2020	14:05	10.00		2.39	
Clarke	5/15/2020	7:51	14.00		1.99	
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Clarke	8/14/2020	14:30	21.00		2.64	
Clarke	9/18/2020	8:25	15.00		2.61	
Clarke	10/9/2020	9:48			2.72	

Clarke	11/6/2020	13:45	11.50		2.58	
Clarke	1/22/2021	13:15	7.00		2.43	NitDilx10
Clarke	2/26/2021	9:43	8.00		1.88	
Clarke	3/12/2021	15:45	14.00		2.01	
Clarke	4/9/2021	13:47	13.00			
Clarke	6/18/2021	13:25	16.50		2.31	NitDilx10
Clarke	7/16/2021	13:17			1.91	
Clarke	8/13/2021	7:40	24.00		2.46	NitDilx10
Clarke	9/17/2021	13:55	18.00		2.47	NitDilx10
Clarke	10/8/2021	9:14	14.00		2.57	NitDilx10
Clarke	11/5/2021	13:34	6.00		2.47	NitDilx10
Clarke	12/3/2021	15:05	9.00		2.63	NitDilx10
Clarke	3/4/2022	14:50	9.00		2.48	NitDilx10

Clarke	5/13/2022	8:35	14.00		1.99	
Clarke	6/10/2022	13:23	15.00		2.20	
Clarke	8/5/2022	13:40	19.00		2.31	Dilx10
Clarke	9/16/2022	8:10	15.00		2.41	NitDilx10
Clarke	10/7/2022	14:13			2.55	Dilx10
Clarke	11/4/2022	9:47	9.50		2.54	Dilx10
Clarke	1/12/2018	10:25	7.00		2.37	
Clarke	1/26/2018	8:34	1.00		2.58	
Clarke	2/9/2018	13:32	4.00		2.65	
Clarke	2/23/2018	11:19	8.00		2.67	
Clarke	3/9/2018	14:35	6.00		2.73	
Clarke	4/13/2018	12:56	16.00		2.32	
Clarke	4/27/2018	13:16	12.00		2.20	
Clarke	5/11/2018	9:38	15.00		2.39	
Clarke	6/8/2018	11:49			2.81	
Clarke	6/22/2018	13:00	15.00			
Clarke	7/13/2018	14:30	17.00		3.18	
Clarke	7/27/2018	12:09	16.00		2.68	
Clarke	8/10/2018	11:07			2.98	
Clarke	8/24/2018	10:42	16.00		2.92	
Clarke	9/7/2018	13:30	18.00		2.84	
Clarke	10/12/2018	10:22	14.00		2.76	

Clarke	10/26/2018	11:05	10.00		3.21	
Clarke	11/9/2018	11:02	10.00		3.08	
Clarke	11/30/2018	13:36			3.59	
Clarke	12/14/2018	10:30			3.61	
Clarke	1/11/2019	14:40	6.00		3.63	
Clarke	2/8/2019	13:30	11.00		3.36	
Clarke	4/5/2019	12:37	10.00		3.17	
Clarke	5/10/2019	9:46	16.00		2.89	
Clarke	7/12/2019	13:15	19.00		2.70	
Clarke	8/9/2019	11:45			2.81	
Clarke	9/13/2019	9:42	19.00		2.65	
Clarke	11/8/2019	12:49	8.10		2.37	
Clarke	10/18/2019	10:51	11.00		2.65	
Clarke	1/10/2020	14:15	6.60		2.89	
Clarke	12/13/2019	13:40			2.73	
Clarke	2/21/2020	14:18	6.00		3.06	
Clarke	3/6/2020	13:35	11.00		2.69	
Clarke	5/15/2020	9:02	14.00		2.65	
Clarke	7/17/2020	11:52	21.30		2.18	
Clarke	8/14/2020	14:05	21.00		2.63	
Clarke	9/18/2020	9:37	15.00		2.31	
Clarke	10/9/2020	10:21			2.16	
Clarke	11/6/2020	13:06	15.50		1.85	
Clarke	1/22/2021	12:38	5.00		3.05	NitDilx10
Clarke	2/26/2021	10:19	7.00		2.78	NitDilx10

Clarke	3/12/2021	15:25	14.00		2.95	NitDilx10
Clarke	4/9/2021	13:25	13.00			
Clarke	6/18/2021	12:45	16.00		2.52	NitDilx10
Clarke	7/16/2021	12:53	20.00		1.52	
Clarke	8/13/2021	8:53	20.00		2.17	
Clarke	9/17/2021	13:30	20.00		2.54	NitDilx10
Clarke	10/8/2021	9:45	15.00		2.74	NitDilx10
Clarke	11/5/2021	14:04	7.00		2.39	NitDilx10
Clarke	12/3/2021	14:45	8.00		2.11	
Clarke	3/4/2022	14:30	8.00		2.59	NitDilx10
Clarke	6/10/2022	12:56	15.00		2.87	NitDilx10
Clarke	8/5/2022	13:10	20.00		2.49	Dilx10
Clarke	9/16/2022	9:30	15.00		1.94	
Clarke	10/7/2022	13:46	14.00		2.56	Dilx10
Clarke	11/4/2022	10:22	9.00		2.11	
Clarke	1/12/2018	10:15	2.00		1.36	
Clarke	1/26/2018	8:26	0.00		1.16	
Clarke	2/9/2018	13:23	1.00		0.96	
Clarke	2/23/2018	11:30	10.00		1.01	

Clarke	3/9/2018	14:25	6.00		1.13	
Clarke	4/13/2018	12:30	16.00		0.78	
Clarke	4/27/2018	13:31	14.00		1.09	
Clarke	5/2/2018	8:53	14.00			
Clarke	5/9/2018	8:41	17.00			
Clarke	5/11/2018	9:55	20.00		0.61	
Clarke	5/16/2018	9:06	20.00			
Clarke	5/23/2018	8:55				
Clarke	5/30/2018	8:30	20.30			
Clarke	6/8/2018	12:05			1.49	
Clarke	6/7/2018	17:45	18.00			
Clarke	6/13/2018	8:46	19.00			
Clarke	6/20/2018	16:50	23.50			
Clarke	6/22/2018	12:45	20.00			
Clarke	6/27/2018	18:50	19.80			
Clarke	7/5/2018	16:50	26.80			

Clarke	7/11/2018	17:03	26.50			
Clarke	7/13/2018	14:15	27.00		1.49	
Clarke	7/19/2018	14:27	25.20			
Clarke	7/26/2018	19:54	23.50			
Clarke	7/27/2018	12:24	23.00		1.24	
Clarke	8/2/2018	16:33				
Clarke	8/9/2018	12:56	23.20			
Clarke	8/15/2018	18:25	23.00			
Clarke	8/22/2018	15:51	22.90			
Clarke	8/24/2018	10:55	19.00		1.56	
Clarke	8/28/2018	14:29	24.30			
Clarke	9/4/2018	15:12	26.00			
Clarke	9/7/2018	13:15	25.00		1.37	
Clarke	9/11/2018	15:38	17.40			
Clarke	9/20/2018	18:42	19.50			
Clarke	10/26/2018	10:55	10.00		1.91	

Clarke	11/9/2018	10:40	11.00		1.64	
Clarke	11/30/2018	13:48			2.01	
Clarke	12/14/2018	10:43			2.31	
Clarke	1/11/2019	14:30	5.00		2.39	
Clarke	2/8/2019	13:15	9.00		2.50	
Clarke	4/5/2019	12:51	11.00		1.94	
Clarke	5/6/2019	15:37	17.50			
Clarke	5/10/2019	10:00	19.00		1.60	
Clarke	5/15/2019	12:08	15.00			
Clarke	5/20/2019	9:19	19.00			
Clarke	5/29/2019	9:47	22.00			
Clarke	6/5/2019	9:24				
Clarke	6/12/2019	14:19	20.50			
Clarke	6/20/2019	15:26	25.00			
Clarke	6/27/2019	14:32	26.00			
Clarke	6/28/2019	11:01	24.50			
Clarke	7/2/2019	14:34	26.00			

Clarke	7/5/2019	9:19	24.50			
Clarke	7/9/2019	8:53	23.20			
Clarke	7/12/2019	13:10	26.00		1.30	
Clarke	7/17/2019	12:50	27.00			
Clarke	7/24/2019	10:14	23.50			
Clarke	7/31/2019	8:50	24.50			
Clarke	8/6/2019	15:34	27.00			
Clarke	8/9/2019	11:30			0.68	
Clarke	8/15/2019	15:27	24.00			
Clarke	8/22/2019	16:25	28.20			
Clarke	8/29/2019	18:50	24.00			
Clarke	9/3/2019	15:07	25.50			
Clarke	9/10/2019	14:24	24.00			
Clarke	9/13/2019	9:53	25.00		0.77	
Clarke	9/16/2019	10:08	21.80			
Clarke	11/8/2019	12:35	10.00		1.20	
Clarke	10/18/2019	11:04	12.00		0.72	

Clarke	12/13/2019	13:25			1.16	
Clarke	1/10/2020	14:03	3.60		1.20	
Clarke	2/21/2020	14:10	7.00		1.52	
Clarke	3/6/2020	13:20	10.00		1.31	
Clarke	5/8/2020	15:24	13.80			
Clarke	5/14/2020	15:03	14.50			
Clarke	5/15/2020	9:20	14.00		0.82	
Clarke	5/20/2020	13:22	15.20			
Clarke	6/3/2020	14:18	21.80			
Clarke	6/10/2020	8:07	23.30			
Clarke	6/18/2020	16:34	21.90			
Clarke	6/22/2020	14:20	24.00			
Clarke	6/24/2020	13:56	24.00			
Clarke	7/1/2020	12:57	27.50			
Clarke	7/8/2020	14:07	30.00			
Clarke	7/15/2020	13:44	28.00			

Clarke	7/23/2020	9:10	26.80			
Clarke	7/30/2020	9:02	25.50			
Clarke	8/5/2020	16:48	28.50			
Clarke	8/12/2020	8:13	26.80			
Clarke	7/17/2020	11:35	27.40		0.37	
Clarke	8/14/2020	13:55	26.00		1.14	
Clarke	8/18/2020	13:58	23.30			
Clarke	8/25/2020	9:50	24.80			
Clarke	9/2/2020	8:40	22.30			
Clarke	9/10/2020	9:44	23.80			
Clarke	9/17/2020	8:55	19.10			
Clarke	9/18/2020	9:50	19.00		1.07	
Clarke	9/24/2020	12:44	17.30			
Clarke	9/30/2020	9:23	18.00			
Clarke	10/9/2020	10:35			0.97	
Clarke	11/6/2020	13:00	15.00		0.96	

Clarke	1/22/2021	12:25	5.00		2.41	NitDilx10
Clarke	2/26/2021	10:42	6.00		1.55	
Clarke	3/12/2021	15:10	12.00		2.02	
Clarke	4/9/2021	13:14	15.00			
Clarke	5/27/2021	8:56	22.80			
Clarke	6/3/2021	12:40	20.80			
Clarke	6/10/2021	12:09	25.80			
Clarke	6/15/2021	11:25	24.50			
Clarke	6/18/2021	12:30	23.00		1.40	
Clarke	6/23/2021	8:56	21.00			
Clarke	7/1/2021	9:01	27.00			
Clarke	7/2/2021	10:40	26.00			
Clarke	7/7/2021	9:00	26.00			
Clarke	7/14/2021	8:53	27.00			
Clarke	7/16/2021	12:35	25.00		0.35	

Clarke	7/21/2021	8:53	26.50			
Clarke	7/28/2021	8:42	26.00			
Clarke	8/11/2021	8:53	26.00			
Clarke	8/13/2021	9:05	27.00		0.27	
Clarke	8/19/2021	7:56	25.50			
Clarke	8/25/2021	9:15	26.00			
Clarke	9/2/2021	11:54	23.00			
Clarke	9/17/2021	13:22	25.00		1.30	
Clarke	10/8/2021	9:57	20.00		1.15	
Clarke	11/5/2021	14:14	9.00		0.95	
Clarke	12/3/2021	14:35	7.00		1.25	
Clarke	3/4/2022	14:20	10.00		1.19	
Clarke	5/13/2022	10:25	17.00		0.83	
Clarke	5/25/2022	9:37	18.50			
Clarke	6/1/2022	14:25				

Clarke	6/9/2022	8:48				
Clarke	6/10/2022	12:46	22.00		0.98	
Clarke	6/14/2022	8:46	22.50			
Clarke	6/23/2022	9:08	21.50			
Clarke	6/28/2022	9:11	21.00			
Clarke	7/5/2022	9:47	23.50			
Clarke	7/13/2022	8:35	23.00			
Clarke	7/20/2022	8:48	23.50			
Clarke	7/28/2022	9:14	24.50			
Clarke	8/2/2022	10:54	24.00			
Clarke	8/5/2022	13:00	27.00		0.64	
Clarke	8/10/2022	8:54	26.00			
Clarke	8/17/2022	8:16	20.50			
Clarke	8/25/2022	9:02	22.90			
Clarke	9/1/2022	8:51	21.80			

Clarke	9/8/2022	12:19	22.50			
Clarke	9/15/2022	12:24	21.00			
Clarke	9/16/2022	9:50	22.00		0.61	
Clarke	10/7/2022	13:35	15.00		0.87	
Clarke	11/4/2022	10:35	12.00		0.46	
Clarke	1/12/2018	9:55	10.00		2.96	
Clarke	1/26/2018	8:14	0.00		3.18	
Clarke	2/9/2018	13:13	3.00		3.13	
Clarke	2/23/2018	11:48	8.00		3.08	
Clarke	3/9/2018	14:16	5.00		3.50	
Clarke	4/13/2018	12:10	16.00		2.70	
Clarke	4/27/2018	13:45	13.00		2.70	
Clarke	5/11/2018	10:09	16.00		2.87	
Clarke	6/8/2018	12:19			3.61	
Clarke	6/22/2018	12:30	16.00			
Clarke	7/13/2018	14:00	18.00		4.59	
Clarke	7/27/2018	12:41	18.00		3.59	
Clarke	8/10/2018	11:33			4.03	
Clarke	8/24/2018	11:10	16.00		4.12	
Clarke	9/7/2018	12:20	20.00		4.39	
Clarke	9/21/2018	10:12	19.00		3.93	
Clarke	10/12/2018	10:41	15.00		3.04	
Clarke	10/26/2018	10:25	9.00		4.44	
Clarke	11/9/2018	10:22	10.00		3.83	

Clarke	11/30/2018	14:02			3.88	
Clarke	12/14/2018	10:59			4.25	
Clarke	1/11/2019	14:20	5.00		4.21	
Clarke	2/8/2019	13:00	11.00		4.02	
Clarke	4/5/2019	13:03	10.00		3.84	
Clarke	5/10/2019	10:12	17.00		3.42	
Clarke	7/12/2019	12:55	20.00		3.75	
Clarke	8/9/2019	10:40			4.14	
Clarke	9/13/2019	10:00	21.00		3.78	
Clarke	11/8/2019	12:24	7.70		3.33	
Clarke	10/18/2019	11:23	13.00		3.51	
Clarke	1/10/2020	13:50	4.70		3.54	
Clarke	12/13/2019	13:15			3.47	
Clarke	2/21/2020	14:00	5.00		3.68	
Clarke	3/6/2020	12:48	10.00		3.49	
Clarke	5/15/2020	9:30	15.00		3.07	
Clarke	7/17/2020	11:23	22.90		2.43	
Clarke	8/14/2020	13:45	23.00		2.99	
Clarke	9/18/2020	10:05	15.00		2.86	
Clarke	10/9/2020	10:52			2.77	
Clarke	11/6/2020	12:16	12.00		2.80	
Clarke	1/22/2021	12:10	11.00		4.30	NitDilx10
Clarke	2/26/2021	10:58	6.00		3.39	NitDilx10
Clarke	3/12/2021	15:00	13.00		3.75	NitDilx10

Clarke	4/9/2021	13:04	13.00			
Clarke	6/18/2021	11:30	16.00		3.23	NitDilx10
Clarke	7/16/2021	12:25	21.00		2.71	NitDilx10
Clarke	8/13/2021	9:41	23.00		2.43	NitDilx10
Clarke	9/17/2021	13:12	22.00		3.26	NitDilx10
Clarke	10/8/2021	10:16	16.00		3.99	NitDilx10
Clarke	11/5/2021	14:23	6.00		3.66	NitDilx10
Clarke	12/3/2021	14:25	7.00		3.16	NitDilx10
Clarke	3/4/2022	14:10			3.28	NitDilx10
Clarke	5/13/2022	10:45	16.00		2.85	NitDilx10
Clarke	6/10/2022	12:27	16.00		3.41	NitDilx10
Clarke	8/5/2022	12:45	22.00		3.18	Dilx10
Clarke	9/16/2022	10:05	16.00		3.28	NitDilx10
Clarke	10/7/2022	13:20			3.44	Dilx10
Clarke	11/4/2022	10:52	10.00		2.73	Dilx10
Clarke	1/12/2018	9:25	9.00		0.87	
Clarke	1/26/2018	7:51	8.00		0.90	
Clarke	2/9/2018	12:49	9.00		1.62	

Clarke	2/23/2018	12:16	10.00		2.22	
Clarke	3/9/2018	13:50	10.00		1.21	
Clarke	4/13/2018		13.00		2.94	
Clarke	4/27/2018	14:07	14.00		2.94	
Clarke	5/11/2018	10:32	18.00		0.27	
Clarke	6/8/2018	12:49			1.26	
Clarke	6/22/2018	11:55	20.00			
Clarke	7/13/2018	13:40	22.00		1.98	

Clarke	7/27/2018	13:08	20.00		2.40	
Clarke	8/10/2018	12:06			2.96	
Clarke	8/24/2018	11:40	23.00		2.03	
Clarke	9/7/2018	11:45	26.00		1.67	
Clarke	9/21/2018	10:37	23.00		2.65	
Clarke	10/12/2018	11:18	21.00		0.65	
Clarke	10/26/2018	9:55	13.00		3.01	
Clarke	11/9/2018	9:53	15.00		1.10	

Clarke	11/30/2018	14:22			3.30	
Clarke	12/14/2018	11:29			2.70	
Clarke	1/11/2019	13:52	11.00		3.36	
Clarke	2/8/2019	12:30	11.00		3.84	
Clarke	4/5/2019	13:26	14.00		1.77	
Clarke	7/12/2019	12:20	24.00		0.11	
Clarke	8/9/2019	10:05			2.16	
Clarke	9/13/2019	10:37	24.00		0.94	

Clarke	11/8/2019	11:57	16.80		3.42	
Clarke	10/18/2019	11:56	15.00		1.47	
Clarke	1/10/2020	13:18	11.60		0.06	
Clarke	2/21/2020	13:10	11.00		2.69	
Clarke	3/6/2020	12:05	11.00		0.32	
Clarke	5/15/2020	10:13	16.50		3.67	
Clarke	7/17/2020	10:52	24.30		2.18	
Clarke	8/14/2020	13:15	25.00		3.12	

Clarke	9/18/2020	11:00	22.00		2.25	
Clarke	10/9/2020	11:45			0.66	
Clarke	11/6/2020	11:45	17.00		3.36	
Clarke	1/22/2021	11:30	12.00		1.44	
Clarke	2/26/2021	11:40	10.00		0.08	
Clarke	3/12/2021	14:30	13.00		0.62	
Clarke	4/9/2021	12:35	14.00			
Clarke	6/18/2021	10:50	21.00		0.92	

Clarke	7/16/2021	12:00	23.00		3.95	NitDilx10
Clarke	8/13/2021	9:53	25.00		1.96	
Clarke	9/17/2021	12:40	24.00		0.54	
Clarke	10/8/2021	10:48	21.00		8.01	NitDilx10
Clarke	12/3/2021	14:00	13.00		3.39	NitDilx10
Clarke	3/4/2022	13:40	8.00		1.45	
Clarke	5/13/2022	11:55	18.00		3.00	NitDilx10
Clarke	6/10/2022	11:59	20.00		0.92	

Clarke	8/5/2022	12:15	27.00		0.45	
Clarke	9/16/2022	10:30	23.00		0.25	
Clarke	10/7/2022	12:50			4.14	Dilx10
Clarke	11/4/2022	11:23	17.00		1.08	
Clarke	1/12/2018	9:12	3.00		0.90	
Clarke	1/26/2018	7:40	0.00		0.94	
Clarke	2/9/2018	13:00	1.00		0.79	
Clarke	2/23/2018	12:05	10.00		0.79	
Clarke	3/9/2018	13:45	5.00		0.88	
Clarke	4/13/2018	11:22	13.00		0.48	

Clarke	4/27/2018	13:58	14.00		0.86	
Clarke	5/2/2018	8:36	14.00			
Clarke	5/9/2018	8:21	17.00			
Clarke	5/11/2018	10:22	19.00		0.36	
Clarke	5/16/2018	8:42	19.50			
Clarke	5/23/2018	8:33				
Clarke	5/30/2018	8:09	21.00			
Clarke	6/7/2018	18:03	18.50			
Clarke	6/8/2018	12:38			1.22	
Clarke	6/13/2018	8:30	19.00			
Clarke	6/20/2018	17:06	24.80			

Clarke	6/22/2018	11:40	22.00			
Clarke	6/27/2018	19:10	20.10			
Clarke	7/5/2018	17:15	28.50			
Clarke	7/11/2018	17:22	27.50			
Clarke	7/13/2018	13:30	27.00		1.26	
Clarke	7/19/2018	14:44	26.00			
Clarke	7/26/2018	20:16	24.20			
Clarke	7/27/2018	13:00	23.00		1.06	
Clarke	8/2/2018	16:48				
Clarke	8/10/2018	11:52			1.37	
Clarke	8/9/2018	13:14	23.80			

Clarke	8/15/2018	18:41	23.80			
Clarke	8/22/2018	16:09	23.20			
Clarke	8/24/2018	11:30	22.00		1.43	
Clarke	8/28/2018	14:46	25.00			
Clarke	9/4/2018	15:36	26.30			
Clarke	9/7/2018	11:30	27.00		1.23	
Clarke	9/11/2018	15:56				
Clarke	9/20/2018	19:04	19.80			
Clarke	10/26/2018	9:45	10.00		1.64	
Clarke	11/9/2018	9:40	11.00		1.27	
Clarke	11/30/2018	14:15			1.56	

Clarke	12/14/2018	11:19			1.98	
Clarke	1/11/2019	13:45	33.00		2.04	
Clarke	2/8/2019	12:10	7.00		1.99	
Clarke	4/5/2019	13:18	11.00		1.44	
Clarke	5/6/2019	15:57	18.00			
Clarke	5/10/2019	10:35	20.00		1.08	
Clarke	5/15/2019	11:51	15.00			
Clarke	5/20/2019	9:01	20.00			
Clarke	5/29/2019	9:21	22.50			
Clarke	6/5/2019	9:06				
Clarke	6/12/2019	14:40	21.00			

Clarke	6/20/2019	15:45	25.50			
Clarke	6/27/2019	14:58	22.00			
Clarke	6/28/2019	11:24	25.00			
Clarke	7/2/2019	14:57	27.00			
Clarke	7/5/2019	8:57	25.00			
Clarke	7/9/2019	8:35	24.00			
Clarke	7/12/2019	12:15	27.00		1.10	
Clarke	7/17/2019	12:32	27.00			
Clarke	7/24/2019	9:56	23.20			
Clarke	7/31/2019	8:32	25.00			
Clarke	8/6/2019	16:03	28.00			

Clarke	8/9/2019	9:50			0.42	
Clarke	8/15/2019	15:53	22.00			
Clarke	8/22/2019	16:48	29.50			
Clarke	8/29/2019	19:05	25.00			
Clarke	9/3/2019	15:23	25.50			
Clarke	9/10/2019	14:45	24.00			
Clarke	9/13/2019	10:28	25.00		0.57	
Clarke	9/16/2019	12:17	22.50			
Clarke	11/8/2019	12:11	9.00		1.03	
Clarke	10/18/2019	11:41	15.00		0.38	
Clarke	12/13/2019	12:30			0.92	

Clarke	1/10/2020	12:58	3.50		0.96	
Clarke	2/21/2020	13:00	5.00		1.33	
Clarke	3/6/2020	11:50	7.00		1.08	
Clarke	5/8/2020	15:46	13.50			
Clarke	5/14/2020	15:27	15.00			
Clarke	5/15/2020	9:50	17.00		0.60	
Clarke	5/20/2020	13:42	16.20			
Clarke	6/3/2020	14:42	22.00			
Clarke	6/6/2020	13:41				
Clarke	6/10/2020	7:47	24.00			
Clarke	6/18/2020	16:56	22.00			

Clarke	6/22/2020	14:38	23.80			
Clarke	6/24/2020	14:18	24.00			
Clarke	7/1/2020	12:33	26.80			
Clarke	7/8/2020	14:36	31.00			
Clarke	7/15/2020	14:08	29.00			
Clarke	7/23/2020	8:47	26.50			
Clarke	7/30/2020	8:43	25.50			
Clarke	8/5/2020	17:08	29.00			
Clarke	8/12/2020	7:53	27.00			
Clarke	8/14/2020	13:00	27.00		1.04	
Clarke	7/17/2020	10:40	27.40		0.20	

Clarke	8/18/2020	14:22	23.20			
Clarke	8/25/2020	9:26	24.80			
Clarke	8/25/2020	9:25	24.80			
Clarke	9/2/2020	8:20	22.80			
Clarke	9/10/2020	9:27	23.80			
Clarke	9/17/2020	8:35	19.70			
Clarke	9/18/2020	10:50	20.00		0.92	
Clarke	9/24/2020	12:27	17.00			
Clarke	9/30/2020	9:02	17.30			
Clarke	10/9/2020	11:20			0.87	
Clarke	11/6/2020	11:28	11.00		0.90	

Clarke	1/22/2021	11:15	14.00		2.03	
Clarke	2/26/2021	11:21	6.00		1.40	
Clarke	3/12/2021	14:20	10.00		1.68	
Clarke	4/9/2021	12:48	15.00			
Clarke	5/27/2021	9:15	23.50			
Clarke	6/3/2021	13:00	22.50			
Clarke	6/10/2021	12:26	26.60			
Clarke	6/15/2021	11:03	24.00			
Clarke	6/18/2021	10:30	22.00		1.48	
Clarke	6/23/2021	8:36	21.00			
Clarke	7/1/2021	8:41	28.00			

Clarke	7/2/2021	10:21	26.00			
Clarke	7/7/2021	8:36	26.80			
Clarke	7/14/2021	8:34	28.00			
Clarke	7/16/2021	11:49	26.00		0.18	
Clarke	7/21/2021	8:35	27.00			
Clarke	7/28/2021	8:23	26.00			
Clarke	8/11/2021	8:34	26.00			
Clarke	8/13/2021	9:35	27.00		0.16	
Clarke	8/19/2021	7:40	26.00			
Clarke	8/25/2021	8:52	27.00			
Clarke	9/2/2021	11:35	22.30			

Clarke	9/17/2021	12:26	25.00		1.28	
Clarke	10/8/2021	10:35	20.00		0.92	
Clarke	11/5/2021	14:41	9.00		0.86	
Clarke	12/3/2021	13:50	6.00		1.09	
Clarke	3/4/2022	13:22	8.00		1.02	
Clarke	5/13/2022	11:15	17.00		0.71	
Clarke	5/25/2022	9:16	18.00			
Clarke	6/1/2022	14:44				
Clarke	6/9/2022	8:27				
Clarke	6/10/2022	11:45	21.00		0.78	
Clarke	6/14/2022	8:26	22.90			

Clarke	6/23/2022	8:50	21.50				
Clarke	6/28/2022	8:42	21.50				
Clarke	7/5/2022	9:26	19.00				
Clarke	7/13/2022						
Clarke	7/20/2022	8:31	24.00				
Clarke	7/28/2022	8:57	25.00				
Clarke	8/2/2022	10:36	24.30				
Clarke	8/5/2022	12:05	27.00			0.45	
Clarke	8/10/2022	8:32	26.00				
Clarke	8/17/2022	7:57	20.50				
Clarke	8/25/2022	8:42	23.00				

Clarke	9/1/2022	8:25	22.00			
Clarke	9/8/2022	12:37	22.50			
Clarke	9/15/2022	12:05	20.50			
Clarke	9/16/2022	10:20	21.00		0.43	
Clarke	10/7/2022	12:39	14.00		0.68	
Clarke	11/4/2022	11:11	12.00		0.20	
Clarke	1/12/2018	12:05	12.00		1.19	
Clarke	1/26/2018	9:28	3.00		1.23	
Clarke	2/9/2018	14:20	7.00		1.43	
Clarke	2/23/2018	13:40	9.00		1.36	
Clarke	3/9/2018	15:35	9.00		1.42	
Clarke	4/13/2018		19.00		1.07	
Clarke	4/27/2018	14:55	14.00		1.19	
Clarke	5/11/2018	9:07	13.00		1.23	

Clarke	6/8/2018	14:07			0.87	
Clarke	6/22/2018	14:50	17.00			
Clarke	7/13/2018	15:30	20.00		0.97	
Clarke	7/27/2018	14:32	19.00		0.67	
Clarke	8/10/2018	13:29			0.87	
Clarke	8/24/2018	10:10	15.00		1.01	
Clarke	9/7/2018	14:55	26.00		1.04	
Clarke	9/21/2018	8:46	17.00		1.04	
Clarke	10/12/2018	9:51	14.00		1.01	
Clarke	10/26/2018	12:45	10.00		1.19	
Clarke	11/9/2018	12:45	11.00		1.01	
Clarke	11/30/2018	15:14			1.09	
Clarke	12/14/2018	13:03			1.24	
Clarke	1/11/2019	15:42	8.00		1.21	
Clarke	2/8/2019	15:05	11.00		1.17	
Clarke	4/5/2019	14:28	10.00		1.10	

Clarke	5/10/2019	9:11	16.00		0.88	
Clarke	7/12/2019	14:25	20.00		0.94	
Clarke	9/13/2019	9:11	18.00		0.76	
Clarke	11/8/2019	13:49	9.80		1.07	
Clarke	10/18/2019	13:21	15.00		0.96	
Clarke	1/10/2020	15:27	8.40		1.28	
Clarke	12/13/2019	15:20			1.26	
Clarke	2/21/2020	15:15	9.00		1.52	
Clarke	3/6/2020	15:35	10.00		1.34	
Clarke	5/15/2020	8:35	14.00		1.23	
Clarke	7/17/2020	13:19	22.60		0.79	
Clarke	8/14/2020	15:15	21.00		1.28	
Clarke	9/18/2020	9:08	15.00		1.33	
Clarke	10/9/2020	13:01			1.34	
Clarke	11/6/2020	15:08	15.00		1.33	
Clarke	1/22/2021	14:32	11.00		1.54	

Clarke	2/26/2021	12:44	10.00		1.10	
Clarke	3/12/2021	16:30	14.00		1.10	
Clarke	4/9/2021	14:21	13.00			
Clarke	6/18/2021	14:40	18.00		0.95	
Clarke	7/16/2021	13:55	20.00		0.72	
Clarke	8/13/2021	8:25	19.00		0.83	
Clarke	9/17/2021	14:50	20.00		1.14	
Clarke	10/8/2021	12:05	15.00		1.69	
Clarke	11/5/2021	15:56	9.00		1.33	
Clarke	12/3/2021	15:48	10.00		1.25	
Clarke	3/4/2022	15:40	10.00		1.49	
Clarke	5/13/2022	9:35	14.00		1.37	

Clarke	6/10/2022	14:03	18.00		1.28	
Clarke	8/5/2022	14:30	22.00		0.96	
Clarke	9/16/2022	8:55	14.50		1.44	
Clarke	10/7/2022	15:06			1.31	
Clarke	11/4/2022	12:28	12.00		0.97	
Bluemont, Clarke	7/11/2019	14:08	22.90		0.23	
Bluemont, Clarke	8/9/2019	8:53	19.80		0.12	
Bluemont, Clarke	9/16/2019	13:39	19.60		0.09	
Bluemont, Clarke	10/29/2019	10:11	12.80		0.01	
Bluemont, Clarke	1/15/2020	10:09	6.70		0.19	
Bluemont, Clarke	3/9/2020	16:04	9.50		0.51	
Bluemont, Clarke	5/18/2020	10:28	13.80		0.38	
Bluemont, Clarke	6/6/2020	12:06	19.50		0.09	
Bluemont, Clarke	8/9/2019	9:26	20.10		0.19	
Bluemont, Clarke	9/16/2019	14:04			0.12	

Bluemont, Clarke	10/29/2019	10:26	13.00		0.03	
Bluemont, Clarke	12/12/2019	10:51	1.20		0.33	
Bluemont, Clarke	1/15/2020	10:31	6.70		0.92	
Bluemont, Clarke	3/9/2020	16:12	9.50		0.68	
Bluemont, Clarke	5/18/2020	10:43	13.80		0.41	
Bluemont, Clarke	6/6/2020	12:30	19.60		0.13	
Clarke	7/11/2019	12:44	23.30		0.20	
Clarke	8/9/2019	11:06	20.90		0.20	
Clarke	9/16/2019	11:50	18.70		0.11	

Clarke	10/29/2019	12:37	13.90		0.01	
Clarke	12/12/2019	11:45	1.70		0.28	
Clarke	1/15/2020	9:31	6.80		0.51	
Clarke	3/9/2020	16:45	10.50		0.54	
Clarke	5/18/2020	9:28	13.50		0.40	
Clarke	6/6/2020	13:57	20.10		0.14	
Clarke	7/11/2019	12:27	23.60		0.20	
Clarke	8/9/2019	11:25	21.60		0.16	
Clarke	9/16/2019	11:25	19.20		0.06	

Clarke	10/29/2019	12:57	14.50		0.01	
Clarke	12/12/2019	12:03	2.00		0.09	
Clarke	1/15/2020	9:17	6.70		0.29	
Clarke	3/9/2020	16:53	10.50		0.34	
Clarke	5/18/2020	9:11	14.00		0.30	
Clarke	6/6/2020	14:10			0.16	
Clarke	1/15/2020	8:59	6.80		0.05	

Clarke	3/9/2020	17:02	7.00		0.09	
Clarke	5/18/2020	8:56			0.09	
Clarke	7/11/2019	11:51			0.09	
Clarke	8/9/2019	11:55	21.70		0.08	
Clarke	10/29/2019	13:30	15.10		0.04	
Clarke	12/12/2019	12:22	4.70		0.04	
Clarke	1/15/2020	8:45	6.60		0.05	
Clarke	3/9/2020	17:11	9.00		0.04	
Clarke	5/18/2020	8:45	13.80		0.03	
Clarke	6/6/2020	14:38	19.70		0.03	

Boyce, Clarke	7/11/2019	11:06	21.90		0.15	
Boyce, Clarke	8/9/2019	12:37	21.20		0.15	
Boyce, Clarke	10/29/2019	13:57			0.01	
Boyce, Clarke	12/12/2019	12:45	3.70		0.01	
Boyce, Clarke	1/15/2020	8:12	7.00		0.04	
Boyce, Clarke	3/9/2020	17:28	10.00		0.11	

Boyce, Clarke	5/18/2020	8:18	13.90		0.18	
Boyce, Clarke	6/6/2020	13:06	19.00		0.11	
Clarke	1/12/2018	10:45	9.00		3.38	
Clarke	1/26/2018	8:43	2.00		3.01	
Clarke	2/9/2018	13:40	5.00		2.74	
Clarke	2/23/2018	11:06	11.00		2.63	
Clarke	3/9/2018	14:45	8.00		2.78	
Clarke	4/13/2018	13:05	16.00		2.50	
Clarke	4/27/2018	13:05	3.50		2.21	
Clarke	5/11/2018	9:27	15.00		2.17	
Clarke	6/8/2018	11:34			1.98	
Clarke	6/22/2018	13:20	18.00			
Clarke	7/13/2018	14:40	20.00		2.45	
Clarke	7/27/2018	11:58	18.00		2.03	
Clarke	8/10/2018	10:53			2.29	
Clarke	8/24/2018	10:30	17.00		2.33	
Clarke	9/7/2018	13:40	20.00		2.43	
Clarke	9/21/2018	9:47	18.00		2.37	
Clarke	10/12/2018	10:10	15.50		2.00	
Clarke	10/26/2018	11:15	10.00		2.64	
Clarke	11/9/2018	11:15	10.00		2.23	

Clarke	11/30/2018	13:26			2.33	
Clarke	12/14/2018	10:13			2.62	
Clarke	1/11/2019	14:50	6.00		2.56	
Clarke	2/8/2019	13:45	10.00		2.51	
Clarke	4/5/2019	12:28	11.00		2.46	
Clarke	5/10/2019	9:30	17.00		1.95	
Clarke	7/12/2019	13:25	20.00		2.41	
Clarke	8/9/2019	12:00			2.67	
Clarke	9/13/2019	9:29	19.00		2.86	
Clarke	11/8/2019	13:00	8.70		2.98	
Clarke	10/18/2019	10:36	12.00		3.06	
Clarke	1/10/2020	14:28	6.90		3.11	
Clarke	12/13/2019	14:00			3.23	
Clarke	2/21/2020	14:25	7.00		3.13	
Clarke	3/6/2020	13:45	10.00		2.86	
Clarke	5/15/2020	8:50	15.00		2.58	
Clarke	7/17/2020	12:05	20.50		2.55	
Clarke	8/14/2020	14:15	21.00		2.59	
Clarke	9/18/2020	9:25	15.00		2.41	
Clarke	10/9/2020	10:05			2.61	
Clarke	11/6/2020	13:25	12.00		2.59	
Clarke	1/22/2021	12:55	6.00		2.96	NitDilx10
Clarke	2/26/2021	10:04	8.00		2.41	NitDilx10

Clarke	3/12/2021	15:35	14.00		2.51	NitDilx10
Clarke	4/9/2021	13:36	14.50			
Clarke	6/18/2021	13:00	17.00		2.29	NitDilx10
Clarke	7/16/2021	13:03	19.00		2.33	NitDilx10
Clarke	8/13/2021	8:40	20.00		2.31	NitDilx10
Clarke	9/17/2021	13:40	20.00		2.41	NitDilx10
Clarke	10/8/2021	9:31	15.00		2.64	NitDilx10
Clarke	11/5/2021	13:46	8.00		2.59	NitDilx10
Clarke	12/3/2021	14:55	8.00		2.99	NitDilx10
Clarke	3/4/2022	14:40	9.00		2.87	NitDilx10
Clarke	5/13/2022	10:00	16.00		2.25	NitDilx10
Clarke	6/10/2022	13:09	17.00		2.48	NitDilx10
Clarke	8/5/2022	13:26	22.00		2.71	Dilx10
Clarke	9/16/2022	9:15	15.00		2.42	NitDilx10
Clarke	10/7/2022	13:57			2.66	Dilx10
Clarke	11/4/2022	10:06	10.00		2.68	Dilx10
Clarke	1/26/2018	9:45	12.00		3.06	

Clarke	2/9/2018	14:28	12.00		3.39	
Clarke	2/23/2018	14:01	14.00		3.86	
Clarke	3/9/2018	15:45	13.00		5.06	
Clarke	4/13/2018	14:25	17.00		9.87	
Clarke	4/27/2018	15:22	17.00		7.38	
Clarke	5/11/2018	8:57	19.00		2.29	
Clarke	6/8/2018	14:20			1.81	
Clarke	6/22/2018	14:35	23.00			
Clarke	7/13/2018	15:40	25.00		5.00	
Clarke	8/10/2018	13:41			14.90	
Clarke	8/24/2018	10:00	24.00		13.68	
Clarke	9/7/2018	14:45	26.00		21.28	
Clarke	9/21/2018	8:31	25.00		19.84	
Clarke	10/12/2018	9:35	23.00		7.30	
Clarke	10/26/2018	12:25	18.00		5.18	
Clarke	11/9/2018	12:30	16.00		6.10	

Clarke	11/30/2018	15:31			5.58	
Clarke	1/11/2019	16:00	13.00		22.45	
Clarke	2/8/2019	14:55	12.00		1.63	
Clarke	4/5/2019	14:49	14.00		8.93	
Clarke	7/12/2019	14:30	25.00		1.75	
Clarke	9/13/2019	9:01	25.00		3.51	
Clarke	11/8/2019	14:06	19.40		15.75	
Clarke	10/18/2019	13:32	15.00		6.73	
Clarke	1/10/2020	15:41	14.80		7.82	
Clarke	12/13/2019	15:10			4.71	
Clarke	2/21/2020	15:25	14.00		1.91	
Clarke	3/6/2020	12:25	10.00		4.08	
Clarke	5/15/2020	8:25	19.00		2.25	
Clarke	7/17/2020	13:28	26.50		7.88	
Clarke	8/14/2020	15:25	27.00		4.19	
Clarke	9/18/2020	8:57	22.00		9.88	

Clarke	10/9/2020	13:12			7.94	
Clarke	11/6/2020	14:50	19.00		13.13	
Clarke	1/22/2021	14:15	13.00		8.20	NitDilx10
Clarke	2/26/2021	13:36	12.00		7.28	NitDilx10
Clarke	3/12/2021	16:40	15.00		3.24	NitDilx10
Clarke	4/9/2021	14:30	17.00			
Clarke	7/16/2021	14:32	24.00		5.00	NitDilx10
Clarke	8/13/2021	8:15	26.00		7.04	NitDilx10
Clarke	9/17/2021	15:00	26.00		6.01	NitDilx10
Clarke	10/8/2021	12:22	23.00		2.60	NitDilx10
Clarke	11/5/2021	16:09	18.00		3.60	NitDilx10
Clarke	12/3/2021	16:00	16.00		5.06	NitDilx10
Clarke	3/4/2022	15:45	12.00		5.53	NitDilx10
Clarke	5/13/2022	9:20	19.00		1.27	
Clarke	6/10/2022	14:12	21.00		4.22	NitDilx10
Clarke	8/5/2022	14:45	26.00		4.56	Dilx10
Clarke	9/16/2022	8:45	18.00		0.93	

Clarke	10/7/2022	15:11	20.00		7.68	Dilx10
Clarke	11/4/2022	12:41	18.00		6.39	Dilx10
Clarke	1/12/2018	9:38	10.00		3.35	
Clarke	1/26/2018	8:02	1.00		4.26	
Clarke	2/9/2018	12:40	4.00		3.68	
Clarke	2/23/2018	12:34	8.00		3.94	
Clarke	3/9/2018	14:00	7.00		4.18	
Clarke	4/13/2018	11:50	15.00		3.56	
Clarke	4/27/2018	14:17	13.00		3.08	
Clarke	5/11/2018	10:40	16.00		3.59	
Clarke	6/8/2018	13:02			3.94	
Clarke	6/22/2018	12:12	15.00			
Clarke	7/13/2018	13:45	17.00		4.60	
Clarke	7/27/2018	13:17	16.00		4.20	
Clarke	8/10/2018	12:19			4.11	
Clarke	8/24/2018	10:55	16.00		3.92	
Clarke	9/7/2018	11:58	18.00		3.77	
Clarke	9/21/2018	10:50	18.00		4.02	
Clarke	10/12/2018	11:30	14.50		4.08	
Clarke	10/26/2018	10:10	10.00		4.15	
Clarke	11/9/2018	10:03	10.00		4.04	
Clarke	11/30/2018	14:33			4.34	
Clarke	12/14/2018	11:44			4.42	
Clarke	1/11/2019	14:00	7.00		4.37	
Clarke	2/8/2019	12:40	11.00		4.09	
Clarke	4/5/2019	13:35	10.00		4.03	
Clarke	5/10/2019	11:00	17.00		3.95	
Clarke	7/12/2019	12:35	18.00		4.06	

Clarke	8/9/2019	10:20			4.06	
Clarke	9/13/2019	10:50	18.00		4.16	
Clarke	11/8/2019	11:36	8.40		3.78	
Clarke	10/18/2019	12:10	14.00		4.09	
Clarke	1/10/2020	13:30	7.30		3.87	
Clarke	12/13/2019	12:55			3.86	
Clarke	2/21/2020	13:18	8.00		4.25	
Clarke	3/6/2020	15:20	13.00		4.53	
Clarke	5/15/2020	9:18	15.50		3.66	
Clarke	7/17/2020	11:01	20.90		3.53	
Clarke	8/14/2020	13:25	21.00		3.97	
Clarke	9/18/2020	11:14	12.00		3.73	
Clarke	10/9/2020	11:58			3.43	
Clarke	11/6/2020	11:58	12.00		3.13	
Clarke	1/22/2021	11:50	15.00		4.37	NitDilx10
Clarke	2/26/2021	11:59	8.00		3.85	NitDilx10
Clarke	3/12/2021	14:40	13.00		4.08	NitDilx10
Clarke	4/9/2021	12:20	12.50			
Clarke	6/18/2021		16.00		3.98	NitDilx10
Clarke	7/16/2021	12:07	19.00		3.39	NitDilx10
Clarke	8/13/2021	10:05	25.00		3.97	NitDilx10
Clarke	9/17/2021	13:00	20.00		4.06	NitDilx10
Clarke	10/8/2021	11:01	17.00		4.21	NitDilx10
Clarke	11/5/2021	14:59	8.00		3.76	NitDilx10
Clarke	12/3/2021	14:08	9.00		3.72	NitDilx10
Clarke	3/4/2022	13:52	10.00		3.93	NitDilx10
Clarke	5/13/2022	12:05	16.00		3.74	NitDilx10
Clarke	6/10/2022	12:09	16.00		4.16	NitDilx10
Clarke	8/5/2022	12:25	20.00		3.93	Dilx10
Clarke	9/16/2022	10:40	15.00		3.96	NitDilx10

Clarke	10/7/2022	13:00	14.00		3.80	Dilx10
Clarke	11/4/2022	11:38	10.50		3.87	Dilx10
Clarke	1/12/2018	11:35	10.00		2.26	
Clarke	1/26/2018	9:20	3.00		2.23	
Clarke	2/9/2018	14:12	6.00		2.13	
Clarke	2/23/2018	13:28	9.00		2.02	
Clarke	3/9/2018	15:16	9.00		2.29	
Clarke	4/13/2018	14:00	16.00		1.96	
Clarke	4/27/2018	15:11	14.00		1.53	
Clarke	5/11/2018	8:44	13.00		1.69	
Clarke	6/8/2018	13:56			1.71	
Clarke	6/22/2018	14:20	17.00			
Clarke	7/13/2018	15:15	20.00		1.81	
Clarke	8/10/2018	13:14			1.67	
Clarke	8/24/2018	9:45	16.00		1.59	
Clarke	9/7/2018	14:35	21.00		1.29	
Clarke	9/21/2018	9:05	18.00		1.62	

Clarke	10/12/2018	9:21	15.00		1.51	
Clarke	10/26/2018	12:15	9.00		1.87	
Clarke	11/9/2018	12:18	11.00		1.67	
Clarke	11/30/2018	15:23			1.78	
Clarke	12/14/2018	13:17			2.02	
Clarke	1/11/2019	15:25	6.00		2.03	
Clarke	2/8/2019	14:40	11.00		1.65	
Clarke	4/5/2019	14:37	10.00		1.71	
Clarke	5/10/2019	8:51	16.00		1.44	
Clarke	7/12/2019	14:05	20.00		1.48	
Clarke	8/9/2019	13:10			1.60	
Clarke	9/13/2019	8:47	18.00		1.66	
Clarke	11/8/2019	13:38	8.30		2.08	
Clarke	10/18/2019	13:08	15.00		1.74	
Clarke	1/10/2020	15:13	8.00		2.29	
Clarke	12/13/2019	14:50			2.04	
Clarke	2/21/2020	15:00	7.00		2.20	

Clarke	3/6/2020	14:40	10.00		1.98	
Clarke	5/15/2020	8:10	14.00		1.68	
Clarke	7/17/2020	13:05	19.50		1.57	
Clarke	8/14/2020	14:55	20.00		1.74	
Clarke	9/18/2020	8:44	14.00		2.32	
Clarke	10/9/2020	12:32			2.09	
Clarke	11/6/2020	14:30	12.00		1.95	
Clarke	1/22/2021	13:55	5.00		2.10	
Clarke	2/26/2021	13:02	9.00		1.67	
Clarke	3/12/2021	16:10	14.00		1.73	
Clarke	4/9/2021	14:12	13.00			
Clarke	7/16/2021	13:46	19.00		1.49	
Clarke	8/13/2021	8:00	18.00		1.63	
Clarke	9/17/2021	14:25	19.00		1.92	
Clarke	10/8/2021	11:51	15.00		2.23	NitDilx10

Clarke	11/5/2021	15:45	9.00		2.11	
Clarke	12/3/2021	15:30	9.00		2.16	
Clarke	3/4/2022	15:30	9.00		2.08	
Clarke	5/13/2022	8:57	15.00		1.59	
Clarke	6/10/2022	13:51	17.00		1.64	
Clarke	8/5/2022	14:05	22.00		1.44	
Clarke	9/16/2022	8:25	15.00		1.84	
Clarke	10/7/2022	14:48			2.10	
Clarke	11/4/2022	12:12	10.00		2.08	
Clarke	5/16/2018	15:25				
Clarke	5/23/2018	14:40				
Clarke	5/30/2018	15:10	18.50			
Clarke	6/7/2018	18:51	18.00			

Clarke	6/13/2018	14:41	17.80			
Clarke	6/20/2018	17:42	20.00			
Clarke	6/27/2018	19:30	18.00			
Clarke	7/5/2018	17:55	22.20			
Clarke	7/11/2018	18:19	21.00			
Clarke	7/19/2018	15:04	21.00			
Clarke	7/27/2018	16:02	21.20			
Clarke	8/2/2018	17:26				
Clarke	8/9/2018	14:25				
Clarke	8/15/2018	19:20	20.50			
Clarke	8/22/2018	16:48				

Clarke	8/28/2018	15:23	21.50			
Clarke	9/4/2018	16:14	22.50			
Clarke	9/11/2018	16:33				
Clarke	5/6/2019	16:43	17.00			
Clarke	5/15/2019	11:07	13.00			
Clarke	5/20/2019	15:52	20.50			
Clarke	5/29/2019	8:55	18.00			
Clarke	6/5/2019	8:32				
Clarke	6/12/2019	15:53	19.00			
Clarke	6/20/2019	16:33	21.50			
Clarke	6/27/2019	15:45	22.50			

Clarke	6/28/2019	11:45	21.00		
Clarke	7/2/2019	15:35	22.50		
Clarke	7/5/2019	8:33	21.00		
Clarke	7/9/2019	8:09	18.00		
Clarke	7/17/2019	12:03	22.50		
Clarke	7/24/2019	9:34	19.00		
Clarke	7/31/2019	8:02	20.00		
Clarke	8/6/2019	16:43	23.00		
Clarke	8/15/2019	16:21	27.00		
Clarke	8/22/2019	17:35	24.00		
Clarke	8/29/2019	19:45	21.00		

Clarke	9/3/2019	16:00	22.00		
Clarke	9/10/2019	15:22	21.00		
Clarke	9/16/2019	9:45	18.20		
Clarke	5/8/2020	16:34	12.80		
Clarke	5/14/2020	16:20	15.80		
Clarke	5/20/2020	14:27	16.00		
Clarke	6/3/2020	15:26	22.00		
Clarke	6/10/2020	16:07	24.30		
Clarke	6/18/2020	17:43	20.00		
Clarke	6/24/2020	15:05	22.50		
Clarke	7/1/2020	13:24	24.50		

Clarke	7/8/2020	15:23	26.80		
Clarke	7/15/2020	14:33	25.00		
Clarke	7/23/2020	8:22	23.00		
Clarke	7/30/2020	8:15	21.00		
Clarke	8/5/2020	17:40	23.80		
Clarke	8/12/2020	7:27	23.00		
Clarke	8/18/2020	14:47	23.30		
Clarke	8/25/2020	9:00	22.30		
Clarke	9/2/2020	7:54	20.50		
Clarke	9/10/2020	8:57	22.50		
Clarke	9/17/2020	8:09	16.00		

Clarke	9/24/2020	12:02	16.00			
Clarke	9/30/2020	8:37	15.50			
Clarke	9/30/2020	8:37	15.50			
Clarke	5/25/2022	8:51	15.00			
Clarke	6/1/2022	15:05				
Clarke	6/9/2022	7:53				
Clarke	6/14/2022	7:42	19.90			

Clarke	6/23/2022	8:16	19.50			
Clarke	6/28/2022	8:15	17.00			
Clarke	7/5/2022	8:58	19.00			
Clarke	7/13/2022	8:07	19.50			
Clarke	7/20/2022	8:07	20.00			
Clarke	7/28/2022	8:35	20.50			
Clarke	8/2/2022	10:15	20.70			
Clarke	8/10/2022	8:04	27.00			

Clarke	8/17/2022	7:29	18.50			
Clarke	8/25/2022					
Clarke	9/1/2022					
Clarke	9/8/2022					
Clarke	6/1/2022	14:08				
Clarke	6/1/2022	14:08				
Clarke	6/9/2022	9:17				
Clarke	6/9/2022	9:17				
Clarke	6/14/2022	8:06	17.50			
Clarke	6/14/2022	8:06	17.50			
Clarke	6/23/2022	8:36	18.00			

Fauquier	8/25/2021	8:47	21.80		0.25	
Fauquier	9/15/2021	9:38	19.80		0.36	
Fauquier	10/13/2021	9:50	17.50		0.27	
Fauquier	11/10/2021	18:09	12.60		0.32	
Fauquier	12/6/2021	14:25	9.50		0.08	
Fauquier	2/9/2022	8:35	1.10		0.65	

Fauquier	1/20/2022	11:53	2.10			0.26	
Fauquier	3/7/2022	9:53	11.10			0.23	
Fauquier	4/8/2022	9:10	8.60			0.44	
Fauquier	5/17/2022	9:19	14.40			0.23	
Fauquier	6/12/2022	12:16	18.10			0.23	
Fauquier	7/19/2022	12:26	23.50	0.72		0.22	

Fauquier	8/9/2022	9:59	23.00	0.49		0.30	
Fauquier	9/20/2022	9:02	18.70			0.35	
Fauquier	10/11/2022	12:31		0.41		0.22	
Fauquier	11/7/2022	9:39		0.22		0.08	
Fauquier	12/8/2022	8:34	7.20	0.35		0.23	
Loudoun	2/7/2022	10:32	1.80				
Loudoun	2/26/2022	9:42	4.00				

Loudoun	3/27/2022	9:32					
Loudoun	2/7/2022	11:07	2.40				
Loudoun	2/26/2022	10:02	4.20				
Loudoun	3/27/2022	9:55					
Loudoun	2/7/2022	10:44					
Loudoun	2/26/2022	9:33					
Loudoun	3/27/2022	9:24					
Loudoun	8/25/2021	11:49	27.70			0.08	

Loudoun	10/13/2021	12:02	18.70		0.55	
Loudoun	11/10/2021	16:10	10.80		0.74	
Loudoun	12/6/2021	12:15			0.30	Field duplicate sample
Loudoun	12/6/2021	12:14	6.20		0.30	

Loudoun	1/20/2022	13:42	1.20		0.51	
Loudoun	2/9/2022	10:37	1.50		1.23	
Loudoun	3/7/2022	11:40	11.90		0.82	
Loudoun	4/8/2022	11:05			0.84	

Loudoun	5/17/2022	11:09				0.75	
Loudoun	6/12/2022	10:30	19.80			0.63	
Loudoun	7/19/2022	10:40		1.12		0.46	
Loudoun	8/9/2022	11:57	27.50	0.80		0.41	

Loudoun	9/20/2022	10:43	21.10			0.10	
Loudoun	11/7/2022	11:13		0.22		0.01	Nitrate ≤ 0.01PPM
Loudoun	12/8/2022	10:15	6.90	0.62		0.43	
Loudoun	8/25/2021	11:03	26.00			0.21	
Loudoun	9/15/2021	11:10	22.80			0.21	

Loudoun	10/13/2021	11:23	18.80		0.22	
Loudoun	11/10/2021	16:47	10.30		0.39	
Loudoun	12/6/2021	12:50	6.60		0.22	
Loudoun	2/9/2022	10:00	1.30		0.75	
Loudoun	1/20/2022	13:06	2.90		0.46	

Loudoun	3/7/2022	11:11	12.20			0.46	
Loudoun	4/8/2022	10:33	9.90			0.45	
Loudoun	5/17/2022	10:48	17.10			0.41	
Loudoun	6/12/2022	10:56	18.90			0.51	
Loudoun	7/19/2022	11:04	23.00	0.92		0.43	

Loudoun	8/9/2022	11:24	26.80	0.74		0.35	
Loudoun	9/20/2022	10:16	20.20			0.19	
Loudoun	10/11/2022	11:01		0.38		0.17	
Loudoun	11/7/2022	10:51		0.23		0.01	
Loudoun	12/8/2022	9:50	7.10	0.43		0.26	

Loudoun	8/25/2021	9:59	23.80		0.28	
Loudoun	9/15/2021	10:24	20.90		0.23	
Loudoun	10/13/2021	10:37	18.20		0.34	
Loudoun	11/10/2021	17:25	13.00		0.35	
Loudoun	12/6/2021	13:34	8.60		0.31	
Loudoun	2/9/2022	9:20	1.30		1.19	

Loudoun	3/7/2022	10:41	12.80			0.58	
Loudoun	4/8/2022	9:52	9.90			0.97	
Loudoun	5/17/2022	9:56	17.40			0.43	
Loudoun	6/12/2022	11:37	19.80			0.41	
Loudoun	7/19/2022	11:46	24.70	0.61		0.25	
Loudoun	8/9/2022	10:41	24.40	0.67		0.40	

Loudoun	9/20/2022	9:42	19.30			0.34	
Loudoun	11/7/2022	10:15		0.26		0.03	
Loudoun	12/8/2022	9:15	6.90	0.57		0.37	
Loudoun	8/25/2021	12:56	27.10			3.93	NitDilx10
Loudoun	9/15/2021	12:00	24.00			1.74	
Loudoun	10/13/2021	12:37	19.20			2.09	

Loudoun	11/10/2021	15:27	12.80		1.96	
Loudoun	12/6/2021	11:26	8.20		1.99	
Loudoun	1/20/2022	14:52	3.90		0.43	
Loudoun	2/9/2022	11:24	3.60			Interference with peak integration
Loudoun	3/7/2022	12:16	14.50		1.65	
Loudoun	3/7/2022	12:17	14.50		1.64	

Loudoun	4/8/2022	11:44	11.70			1.20	
Loudoun	5/17/2022	11:45	18.90			1.08	
Loudoun	6/12/2022	9:54	19.60			1.45	
Loudoun	7/19/2022	10:06	24.00	1.14		0.61	
Loudoun	8/9/2022	12:36	28.50	1.60		1.42	
Loudoun	9/20/2022	11:20	21.30			1.54	

Loudoun	10/11/2022	9:48		1.92		1.77	
Loudoun	11/7/2022	11:50		1.12		0.94	
Loudoun	12/8/2022	10:57	8.90	1.68		1.50	
Loudoun	8/25/2021	14:11	25.00			1.38	
Loudoun	9/15/2021	12:55	22.20			1.78	

Loudoun	9/17/2021	6:52			1.39	
Loudoun	10/6/2021	12:08				
Loudoun	10/13/2021	13:35	18.80		2.05	
Loudoun	11/10/2021	14:41	14.40		1.94	

Loudoun	12/6/2021	9:04	7.30		1.85	
Loudoun	2/9/2022	12:11	5.60		2.14	
Loudoun	1/20/2022	15:33	4.60		0.29	
Loudoun	3/7/2022	13:17	14.20		1.85	

Loudoun	4/8/2022	13:00	12.50			2.00	
Loudoun	5/17/2022	14:24	18.80			2.02	
Loudoun	6/12/2022	7:45	17.50			2.08	
Loudoun	7/19/2022	8:03	21.50	1.54		1.25	

Loudoun	8/9/2022	14:37	24.90	2.75		2.31	NitDilx10
Loudoun	9/20/2022	12:35	20.70			2.54	NitDilx10
Loudoun	10/11/2022	9:11		2.85		2.60	NitDilx10
Loudoun	11/7/2022	13:57		1.39		1.21	

Loudoun	12/8/2022	12:27	10.30	1.90		1.75	
Loudoun	12/8/2022	12:26	10.30	1.90		1.75	
Loudoun	10/13/2021	13:56				1.81	
Loudoun	12/6/2021	9:42				1.73	

Loudoun	2/9/2022	12:25		
Loudoun	3/7/2022	13:31		
Loudoun	4/8/2022	13:16		
Loudoun	5/17/2022	14:35		

Loudoun	6/12/2022	7:24		
Loudoun	2/9/2022	12:37		
Loudoun	3/7/2022	13:43		
Loudoun	4/8/2022	13:30		
Loudoun	5/17/2022	14:45		

Loudoun	6/12/2022	7:13				
Loudoun	2/7/2022	10:01	0.20			
Loudoun	2/26/2022	10:53	4.00			
Loudoun	3/27/2022	10:53				
Loudoun	2/7/2022	9:38	0.20			

Loudoun	2/26/2022	10:29	3.90			
Loudoun	3/27/2022	10:20				
Loudoun	2/7/2022	12:03	3.50			
Loudoun	2/26/2022	9:16	4.40			
Loudoun	3/27/2022	11:14				
Loudoun	2/7/2022	11:41	3.20			
Loudoun	2/26/2022	8:45	5.40			

Loudoun	3/27/2022	11:44				
Loudoun	2/7/2022	9:49				
Loudoun	2/26/2022	10:44				
Loudoun	3/27/2022	10:37				
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Page	1/26/2018	8:05	6.00		1.05	
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Page	3/9/2018	8:45	7.00		1.24	
Page	4/13/2018	8:35	14.00		0.89	
Page	4/27/2018	8:20	13.00		0.57	
Page	5/11/2018	8:15	19.00		0.96	

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Page	8/24/2018	8:00	18.00		1.60	
Page	9/7/2018	7:35	20.00		1.90	
Page	10/12/2018	8:45	10.00		2.20	
Page	10/26/2018	9:55	10.00		2.33	
Page	11/9/2018	8:20	10.00		1.19	
Page	11/30/2018	8:00	5.00		1.93	
Page	12/14/2018	8:00	4.00		2.49	
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Page	2/8/2019	8:00	9.00		2.39	
Page	4/5/2019	8:00	10.00		2.03	
Page	5/10/2019	8:00	13.00		1.43	
Page	6/14/2019	8:20	12.00		1.73	
Page	7/12/2019	8:00	21.00		1.49	
Page	8/9/2019	10:10	24.00		1.28	
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Page	1/10/2020	7:30	5.00		1.34	
Page	2/21/2020	8:00	4.00		1.57	
Page	3/6/2020	8:00	9.00		1.63	
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Page	6/5/2020	8:00	22.00		0.91	
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Page	4/9/2021	8:00	17.00			
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Page	5/23/2018	11:54				

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Page	6/20/2018	14:23	23.00		
Page	6/27/2018	16:05	18.00		
Page	7/5/2018	13:21	24.80		
Page	7/11/2018	13:23	25.00		
Page	7/19/2018	11:34	25.00		
Page	7/26/2018	17:01	22.00		
Page	8/2/2018	13:48			
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Page	8/22/2018	11:52	21.00		

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Page	9/4/2018	11:24	23.00			
Page	9/11/2018	12:03	16.70			
Page	9/20/2018	15:08				
Page	5/6/2019	12:02	18.00			
Page	5/15/2019	15:27	14.00			
Page	5/20/2019	13:05	20.00			
Page	5/29/2019	13:00	23.00			
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Page	7/24/2019	13:56	23.50			

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Page	5/8/2020	11:54	12.50		
Page	5/14/2020	11:10	13.50		
Page	5/20/2020	10:25	15.00		
Page	5/27/2020	11:51	18.00		
Page	6/3/2020	9:53	18.00		
Page	6/10/2020	13:19	23.00		
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Page	6/24/2020	10:12	21.00		

Page	7/1/2020	9:15	24.50		
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Page	7/15/2020	9:46	27.00		
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Page	7/30/2020	12:13	28.50		
Page	8/5/2020	12:52	24.50		
Page	8/12/2020	11:56	24.80		
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Page	8/25/2020	13:35	22.60		
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Page	9/10/2020	15:07	22.10		
Page	9/17/2020	13:13	19.00		
Page	9/24/2020	16:07	17.00		
Page	9/30/2020	14:34	17.00		
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Page	7/14/2021	11:35	29.00		
Page	7/21/2021	11:53	28.00		
Page	7/28/2021	11:51	29.00		
Page	8/11/2021	11:48	28.00		
Page	8/19/2021	10:34	26.70		
Page	8/25/2021	12:16	29.00		
Page	9/2/2021	14:44	21.70		
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Page	6/9/2022	13:06			

Page	6/14/2022	12:28				
Page	6/22/2022	10:53	23.00			
Page	6/28/2022	12:55	23.00			
Page	7/5/2022	13:49	25.00			
Page	7/13/2022	11:44	25.00			
Page	7/20/2022	12:10	26.00			
Page	7/28/2022	12:34	25.10			
Page	8/2/2022	14:24	25.60			
Page	8/10/2022	12:45	27.00			
Page	8/17/2022	12:15	21.50			
Page	8/25/2022	12:35	24.50			
Page	9/1/2022	13:42	25.00			
Page	9/8/2022	9:19	23.00			
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Page	6/13/2018	11:05	17.00			
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Page	7/5/2018	13:40	26.00			
Page	7/11/2018	13:37	25.00			
Page	7/13/2018	9:16	23.00		2.05	
Page	7/19/2018	11:51	22.80			
Page	7/27/2018	8:40	23.00		1.50	
Page	7/26/2018	17:15	24.00			
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Page	8/28/2018	11:40	22.00			

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Page	10/12/2018	11:20	19.00		2.47	
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Page	11/30/2018	10:00	7.00		1.99	
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Page	1/11/2019	10:07	4.00		2.50	
Page	2/8/2019	11:00	10.00		2.53	
Page	4/5/2019	8:45	12.00		2.06	
Page	5/6/2019	12:19	18.50			
Page	5/10/2019	11:05	21.00		1.37	
Page	5/15/2019	15:13	14.50			
Page	5/20/2019	12:45	20.00			

Page	5/29/2019	12:44	23.50			
Page	6/5/2019	12:48				
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Page	6/14/2019	8:40	19.00		1.84	
Page	6/20/2019	11:41	23.00			
Page	6/27/2019	11:13	22.50			
Page	7/2/2019	11:04	23.00			
Page	7/5/2019	12:28	24.00			
Page	7/9/2019	12:02	23.50			
Page	7/12/2019	9:12	25.00		1.51	
Page	7/17/2019	16:00	27.00			
Page	7/24/2019	13:42	24.50			
Page	7/31/2019	11:41	24.10			
Page	8/6/2019	11:50	24.00			
Page	8/9/2019	9:48	25.00		1.06	
Page	8/15/2019	12:00	24.00			
Page	8/22/2019	12:11	25.00			

Page	8/29/2019	16:15	23.00			
Page	9/3/2019	12:02	22.00			
Page	9/10/2019	11:10	21.00			
Page	9/13/2019	8:28	25.00		1.21	
Page	9/17/2019	10:07	22.00			
Page	11/8/2019	10:35	9.00		1.33	
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Page	6/5/2020	10:50	23.00		0.80	
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Page	11/5/2021	11:05	9.00		1.00	

Page	7/20/2022	11:51	24.00			
Page	7/28/2022	12:18	24.30			
Page	8/2/2022	14:09	24.90			
Page	8/5/2022	9:46	27.00		0.99	
Page	8/10/2022	12:24	25.50			
Page	8/17/2022	11:56	20.50			
Page	8/25/2022	12:18	22.00			
Page	9/1/2022	13:01	23.00			
Page	9/8/2022	9:36	22.00			
Page	9/16/2022	9:25	21.00		0.79	
Page	10/7/2022	9:01	13.00		0.85	
Page	11/4/2022	9:13	12.00		0.42	
Page	6/18/2020	12:11	19.50			

Page	6/24/2020	10:28	21.50		
Page	7/1/2020	8:48	23.00		
Page	7/8/2020	10:04	26.40		
Page	7/15/2020	10:07	25.00		
Page	7/23/2020	12:17	26.80		
Page	7/30/2020	11:53	26.50		
Page	8/5/2020	13:14	25.50		
Page	8/12/2020	11:35	25.00		

Page	8/14/2020	9:19	24.00		1.47	
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Page	8/25/2020	13:14	24.50			
Page	9/2/2020	11:28	20.50			
Page	9/10/2020	14:50	23.80			
Page	9/17/2020	12:46	19.30			
Page	9/18/2020	9:48	18.00		1.68	

Page	9/24/2020	15:42	17.70			
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Page	10/9/2020	11:15	14.00		0.96	
Page	11/6/2020	9:24	10.00		1.20	
Page	1/22/2021	10:14	4.00		2.45	NitDilx10
Page	2/26/2021	9:59	7.00		1.70	
Page	3/12/2021	9:35	11.00		2.20	
Page	4/9/2021	9:45	16.00			

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Page	5/13/2022	11:03	17.00		0.72	
Page	5/25/2022	13:36	18.70			

Page	6/1/2022	10:27					
Page	6/9/2022	12:47					
Page	6/10/2022	9:45	21.00			1.19	
Page	6/14/2022	12:08					
Page	6/22/2022	11:10	21.80				
Page	6/28/2022	12:38	24.00				
Page	7/5/2022	13:30	23.50				

Page	7/13/2022	11:27	23.50			
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Page	2/9/2018	11:58	2.50		0.99	
Page	2/23/2018	11:26	11.00		0.91	
Page	3/9/2018	12:03	10.50		0.91	
Page	4/13/2018	8:38	14.00		0.62	
Page	4/27/2018	12:00	14.00		0.94	
Page	5/11/2018	12:08	21.00		0.79	
Page	6/22/2018	11:51	23.00			
Page	7/13/2018	12:03	26.00		1.68	
Page	7/27/2018	11:32	23.50		1.28	
Page	8/10/2018	11:55	23.50		1.39	
Page	8/24/2018	12:30	22.00		1.50	
Page	9/7/2018	11:46	27.00		1.66	
Page	9/21/2018	12:07	21.00		1.16	

Page	10/26/2018	9:17	12.00		2.02	
Page	11/9/2018	10:46	11.00		1.24	
Page	11/30/2018	11:59	5.00		1.80	
Page	12/14/2018	12:12	2.50		2.30	
Page	1/11/2019	12:09	3.00		2.35	
Page	2/8/2019	11:54	8.00		2.34	
Page	4/5/2019	12:08	11.00		1.78	
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Page	5/15/2020	12:53	17.00		0.87	
Page	6/5/2020	8:13	22.00		0.61	

Page	7/17/2020	12:08	29.00		0.63	
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Page	11/6/2020	11:49	10.00		1.06	
Page	1/22/2021	12:11	4.00		2.28	NitDilx10
Page	2/26/2021	12:30			1.68	
Page	3/12/2021	12:26	10.00		2.07	
Page	4/9/2021	12:10	17.00			
Page	6/18/2021	10:00	22.00		1.45	
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Page	9/17/2021	11:57	25.00		1.63	
Page	10/8/2021	12:16			1.77	
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Page	2/11/2022	11:49	14.00		1.39	

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Page	4/27/2018	11:10	14.00		2.44	
Page	5/11/2018	11:15	19.00		0.96	
Page	6/8/2018	11:05	18.00		1.39	
Page	6/22/2018	10:25	21.00			
Page	7/13/2018	10:05	21.00		1.44	
Page	7/27/2018	11:25	21.00		0.71	
Page	8/24/2018	10:25	18.00		0.80	
Page	9/7/2018	10:58	23.00		1.19	
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Page	11/30/2018	11:15	7.00		1.74	
Page	12/14/2018	11:25	7.00		1.73	
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Page	2/8/2019	11:15	11.00		1.62	
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Page	3/12/2021	9:50	14.00		1.46	
Page	4/9/2021	11:00	16.00			
Page	6/18/2021	10:00	17.00		1.30	
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Page	8/13/2021	10:25	23.00		1.52	
Page	9/17/2021	10:20	21.00		2.03	
Page	10/8/2021	11:20	18.00		1.83	
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Page	12/3/2021	11:20	16.00		1.47	
Page	5/13/2022	10:12	15.00		0.82	
Page	6/10/2022	8:45	17.00		1.15	
Page	8/5/2022	9:04	22.00		2.19	
Page	9/16/2022	8:40	17.00		1.49	
Page	10/7/2022	8:32	13.00		1.39	
Page	11/4/2022	8:25	11.00		1.40	
Page	1/12/2018	8:02	14.00		0.94	
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Page	3/9/2018	8:15	8.00		1.21	

Page	4/13/2018	9:02	12.00		0.59	
Page	4/27/2018	8:20	11.00		0.33	
Page	5/11/2018	8:20	12.00		0.41	
Page	6/8/2018	8:20	15.00		1.11	
Page	6/22/2018	9:16	17.00			
Page	7/13/2018	8:45	15.00		1.21	
Page	7/27/2018	12:11	19.00		0.52	
Page	8/10/2018	9:25	16.00		1.38	
Page	8/24/2018	8:55	16.00		1.31	
Page	9/7/2018	7:48	17.00		1.73	
Page	9/21/2018	8:08	18.00		0.60	
Page	10/12/2018	11:50	15.00		2.57	
Page	10/26/2018	10:01	13.00		1.79	
Page	11/9/2018	11:34	11.00		0.55	
Page	11/30/2018	9:10	8.00		1.28	
Page	12/14/2018	8:20	8.00		1.79	
Page	1/11/2019	9:30	9.00		2.41	
Page	2/8/2019	12:44	10.00		0.91	
Page	4/5/2019	8:10	11.00		3.05	
Page	5/10/2019	12:15	17.00		0.76	
Page	6/14/2019	7:55	13.00		2.21	
Page	7/12/2019	8:34	17.00		1.94	
Page	8/9/2019	9:00	15.00		2.04	
Page	9/13/2019	7:57	15.00		2.11	
Page	10/18/2019	9:30	11.00		2.10	
Page	1/10/2020	9:42	10.00		4.24	
Page	2/21/2020	8:27	6.00		1.13	
Page	3/6/2020	9:23	10.00		1.60	
Page	5/15/2020	10:15	14.00		2.01	
Page	6/5/2020	8:43	16.00		0.40	

Page	8/14/2020	8:34	15.00		1.49	
Page	7/17/2020	8:35	15.00		1.53	
Page	9/18/2020	9:04	15.00		2.07	
Page	10/9/2020	12:25			0.81	
Page	11/6/2020	8:48	12.00		1.54	
Page	1/22/2021	9:29	9.00		2.45	NitDilx10
Page	2/26/2021	9:13	6.00		1.06	
Page	3/12/2021	8:46	10.00		3.68	NitDilx10
Page	4/9/2021	8:54	12.00			
Page	6/18/2021	10:40	14.00		1.66	
Page	7/16/2021	9:27	14.00		2.59	NitDilx10
Page	8/13/2021	10:01	16.00		1.31	
Page	9/17/2021	9:25	15.00		2.59	NitDilx10
Page	10/8/2021	9:45	15.00		1.60	
Page	11/5/2021	10:10	9.00		1.27	
Page	12/3/2021	9:25	10.00		1.48	
Page	2/11/2022	9:24	4.00		1.93	
Page	3/4/2022	9:17	7.00		1.33	
Page	5/13/2022	10:02	14.00		1.76	
Page	6/10/2022	8:35	15.00		0.49	
Page	8/5/2022	8:55	16.00		1.92	
Page	9/16/2022	8:30	14.00		3.48	NitDilx10
Page	10/7/2022	8:22	12.00		2.60	Dilx10
Page	11/4/2022	8:15	11.00		2.97	Dilx10

Page	11/8/2019	12:53	13.00		1.00	
Page	1/26/2018	10:30	5.00		0.97	
Page	2/9/2018	10:35	4.00		1.19	
Page	2/23/2018	10:25	10.00		1.05	
Page	3/9/2018	11:30	6.00		1.35	
Page	4/13/2018	10:15	14.00		0.78	
Page	4/27/2018	10:30	12.00		0.54	
Page	5/11/2018	10:35	18.00		0.63	
Page	6/8/2018	10:20	18.00		1.43	
Page	6/22/2018	9:45	19.00			
Page	7/13/2018	9:25	19.00		1.37	
Page	7/27/2018	10:40	21.00		0.70	
Page	8/24/2018	9:40	17.00		0.63	
Page	9/7/2018	10:20	22.00		0.88	
Page	9/21/2018	10:10	20.00		0.75	
Page	10/12/2018	10:45	17.00		1.15	
Page	10/26/2018	10:10	11.00		1.16	
Page	11/9/2018	11:20	11.00		1.28	
Page	11/30/2018	10:35	7.00		1.72	
Page	12/14/2018	10:45	6.00		1.66	
Page	1/11/2019	10:45	3.00		1.69	
Page	2/8/2019	10:25	10.00		1.57	
Page	4/5/2019	10:00	10.00		1.22	
Page	5/10/2019	10:35	19.00		0.94	
Page	6/14/2019	11:00	16.00		0.92	
Page	7/12/2019	10:15	22.00		1.22	
Page	8/9/2019	11:55	22.00		1.26	
Page	9/13/2019	10:30	20.00		1.14	
Page	11/8/2019	10:05	10.00		1.30	
Page	10/18/2019	10:30	12.00		1.24	
Page	1/10/2020	11:00	7.00		1.18	

Page	2/21/2020	10:00	4.00		1.74	
Page	3/6/2020	9:50	8.00		1.35	
Page	5/15/2020	10:00	15.00		0.78	
Page	6/5/2020	10:20	20.00		0.70	
Page	7/17/2020	10:15	20.00		1.04	
Page	8/14/2020	10:20	22.00		0.92	
Page	9/18/2020	10:25	18.00		1.48	
Page	10/9/2020	10:20	14.00		1.26	
Page	11/6/2020	10:45	13.00		0.96	
Page	2/26/2021	9:30	6.00		1.23	
Page	3/12/2021	9:05	11.00		1.34	
Page	4/9/2021	10:20	14.00			
Page	6/18/2021	10:45	17.00		1.11	
Page	7/16/2021	10:00	19.00		1.22	
Page	8/13/2021	9:45	20.00		1.12	
Page	9/17/2021	9:35	19.00		2.03	
Page	10/8/2021	10:40	17.00		1.75	
Page	11/5/2021	10:45	10.00		1.07	
Page	12/3/2021	10:25	9.00		1.13	
Page	5/13/2022	10:20	15.00		0.65	
Page	6/10/2022	10:55	15.00		1.16	
Page	8/5/2022	12:20	22.00		1.50	
Page	9/16/2022	10:10	15.00		1.19	
Page	10/7/2022	12:40	16.00		1.16	
Page	11/4/2022	9:55	11.00		1.06	
Page	1/12/2018	8:20	13.00		1.60	
Page	1/26/2018	9:05	11.00		3.25	
Page	2/9/2018	8:30	10.00		3.53	
Page	2/23/2018	11:40	13.00		2.06	
Page	3/9/2018	8:30	11.00		2.62	
Page	4/13/2018	9:17	15.00		2.89	
Page	4/27/2018	8:40	15.00		2.43	

Page	5/11/2018	8:35	18.00		2.25	
Page	6/8/2018	8:30	19.00		1.11	
Page	6/22/2018	9:28	21.00			
Page	7/13/2018	8:57	22.00		1.05	
Page	7/27/2018	8:20	22.00		1.38	
Page	8/10/2018	9:43	23.00		1.44	
Page	8/24/2018	9:10	21.00		1.57	
Page	9/7/2018	8:05	23.00		1.95	
Page	9/21/2018	8:19	22.00		1.07	
Page	10/12/2018	12:20	20.50		1.37	
Page	10/26/2018	10:09	17.00		0.77	
Page	11/9/2018	9:50	16.00		0.64	
Page	11/30/2018	9:25	13.00		2.89	
Page	12/14/2018	8:32	12.00		0.87	
Page	1/11/2019	9:42	11.00		2.15	
Page	2/8/2019	11:05	13.00		0.66	
Page	4/5/2019	8:25	13.00		0.78	
Page	5/10/2019	10:45	18.50		0.96	
Page	6/14/2019	8:23	19.00		0.84	
Page	7/12/2019	8:47	23.00		2.58	
Page	8/9/2019	9:25	24.00		0.93	
Page	9/13/2019	8:10	23.00		0.77	
Page	11/8/2019	9:45	16.00		0.88	
Page	10/18/2019	9:45	18.00		2.11	
Page	1/10/2020	9:40	11.00		0.92	
Page	2/21/2020	8:45	11.00		0.80	
Page	3/6/2020	10:05	13.00		1.06	
Page	5/15/2020	10:25	18.00		1.00	
Page	6/5/2020	8:55	21.00		1.01	
Page	7/17/2020	8:46	25.00		4.31	
Page	8/14/2020	8:47	25.00		0.20	
Page	9/18/2020	9:18	22.00		0.61	

Page	11/6/2020	9:40	12.00		2.35	
Page	1/22/2021	9:40	11.00		2.38	NitDilx10
Page	2/26/2021	9:22	11.00		2.47	NitDilx10
Page	3/12/2021	8:57	13.00		2.19	
Page	4/9/2021	9:07	16.00			
Page	6/18/2021	10:55	21.00		0.29	
Page	7/16/2021	9:42	25.00		0.89	
Page	8/13/2021	10:27	25.00		0.28	
Page	9/17/2021	9:40	24.00		0.69	
Page	10/8/2021	9:57	22.00		0.42	
Page	11/5/2021	10:25	16.00		0.64	
Page	12/3/2021	9:40	14.00		0.55	
Page	2/11/2022	9:35	10.00		1.11	
Page	3/4/2022	9:30	11.00		0.44	
Page	5/13/2022	10:22	18.00		0.87	
Page	6/10/2022	9:00	18.00		0.32	
Page	8/5/2022	9:15	24.00		0.12	
Page	9/16/2022	8:48	22.00		0.62	
Page	10/7/2022	8:40	19.00		0.56	
Page	11/4/2022	8:50	17.00		0.75	
Page	1/12/2018	9:35	12.00		0.06	
Page	1/26/2018	9:20	6.00		1.88	
Page	2/9/2018	10:20	8.00		2.05	
Page	2/23/2018	9:50	11.00		1.73	
Page	3/9/2018	10:35	9.00		0.03	
Page	4/13/2018	9:10	13.00		0.03	
Page	4/27/2018	10:00	14.00		0.28	
Page	6/8/2018	11:10	19.00		8.17	
Page	6/22/2018	10:10	21.00			
Page	7/13/2018	8:15	22.00		0.35	
Page	7/27/2018	9:40	22.00		4.18	

Page	8/10/2018	9:20	22.00		1.02	
Page	8/24/2018	8:45	20.00		0.06	
Page	9/7/2018	8:40	24.00		0.02	
Page	9/21/2018	9:20	22.00		6.50	
Page	10/12/2018	9:20	18.00		3.45	
Page	10/26/2018	9:25	14.00		1.49	
Page	11/9/2018	8:45	15.00		5.93	
Page	12/14/2018	9:55	10.00		1.73	
Page	1/11/2019	9:05	7.00		2.50	
Page	2/8/2019	10:00	10.00		0.04	
Page	4/5/2019	8:40	11.00		0.76	
Page	5/10/2019	8:50	16.00		3.58	
Page	6/14/2019	9:40	18.00		1.92	
Page	7/12/2019	9:40	23.00		0.20	
Page	8/9/2019	9:30	23.00		14.22	
Page	11/8/2019	8:15	12.00		19.07	
Page	10/18/2019	8:00	14.00		22.13	
Page	1/10/2020	8:25	8.00		13.26	
Page	3/6/2020	9:50	9.00		8.20	
Page	5/15/2020	9:40	17.00		15.15	
Page	6/5/2020	9:20	21.00		0.93	
Page	7/17/2020	10:20	24.00		5.54	
Page	8/14/2020	9:20	24.00		11.92	
Page	9/18/2020	9:40	20.00		9.89	
Page	10/9/2020	9:50	16.00		8.09	
Page	11/6/2020	9:00	14.00		6.10	
Page	1/22/2021	9:40	8.00		7.99	NitDilx10
Page	2/26/2021	8:20	8.00		6.23	NitDilx10
Page	3/12/2021	8:40	13.00		2.89	NitDilx10
Page	4/9/2021	9:00				
Page	6/18/2021	9:30	18.00		1.56	
Page	7/16/2021	7:55	24.00		5.63	NitDilx10

Page	8/13/2021	9:15	25.00		0.08	
Page	9/17/2021	10:00	22.00		7.23	NitDilx10
Page	10/8/2021	10:15	20.00		8.51	NitDilx10
Page	12/3/2021	8:55	12.00		0.13	
Page	2/11/2022	8:10	7.00		4.39	NitDilx10
Page	5/13/2022	9:10	17.00		6.72	NitDilx10
Page	6/10/2022	8:40	19.00		5.59	NitDilx10
Page	8/5/2022	10:05	24.00		10.10	NitDilx10
Page	9/16/2022	8:10	20.00		22.30	NitDilx20
Page	10/7/2022	10:15	17.00		17.60	Dilx20
Page	11/4/2022	8:20	15.00		7.65	Dilx10
Rockingham	1/12/2018	8:00	9.00		0.26	
Rockingham	1/26/2018	7:50	3.00		0.37	
Rockingham	2/23/2018	8:20	9.00		0.28	
Rockingham	3/9/2018	8:25	5.00		0.49	
Rockingham	4/13/2018	8:20	11.00		0.26	
Rockingham	4/27/2018	8:05	12.00		0.23	
Rockingham	5/11/2018	8:00	15.00		0.19	
Rockingham	6/8/2018	8:00	15.00		0.56	
Rockingham	8/10/2018	8:30	20.00		0.45	
Rockingham	8/24/2018	7:45	15.00		0.28	
Rockingham	9/7/2018	8:00	19.00		0.82	
Rockingham	9/21/2018	8:15	17.00		0.47	

Rockingham	10/12/2018	9:05	13.00		0.51	
Rockingham	11/9/2018	8:00	9.00		0.46	
Rockingham	11/30/2018	8:15	5.00		0.74	
Rockingham	12/14/2018	8:20	4.00		0.74	
Rockingham	1/11/2019	8:20	0.00		0.75	
Rockingham	2/8/2019	8:20	8.00		0.63	
Rockingham	4/5/2019	8:30	9.00		0.60	
Rockingham	5/10/2019	8:20	10.00		0.38	
Rockingham	6/14/2019	8:00	10.00		0.43	
Rockingham	7/12/2019	8:15	18.00		0.32	
Rockingham	9/13/2019	8:15	13.00		0.35	
Rockingham	11/8/2019	7:45	0.00		0.33	
Rockingham	10/18/2019	8:20	9.00		0.27	
Rockingham	1/10/2020	8:00	5.00		0.35	
Rockingham	2/21/2020	8:20	3.00		0.75	
Rockingham	3/6/2020	8:15	6.00		0.57	
Rockingham	5/15/2020	8:15	15.00		0.30	
Rockingham	6/5/2020	8:15	18.00		0.33	
Rockingham	7/17/2020	11:30	22.00		0.32	
Rockingham	8/14/2020	8:15	22.00		0.42	
Rockingham	9/18/2020	8:00	17.00		0.43	
Rockingham	10/9/2020	8:05	14.00		0.29	
Rockingham	11/6/2020	9:45	10.00		0.26	
Rockingham	1/22/2021	8:20	4.00		0.83	
Rockingham	2/26/2021	8:00	5.00		0.49	

Rockingham	3/12/2021	8:05	10.00		0.71	
Rockingham	4/9/2021	8:15	13.00			
Rockingham	7/16/2021	8:00	21.00		0.35	
Rockingham	8/13/2021	7:40	20.00		0.34	
Rockingham	9/17/2021	7:55	19.00		0.32	
Rockingham	10/8/2021	7:40	15.00		0.20	
Rockingham					0.20	
Rockingham	12/3/2021	8:00	6.00		0.19	
Rockingham	5/13/2022	8:00	15.00		0.29	
Page	1/12/2018	9:20	2.00		0.12	
Page	1/26/2018	9:45	1.00		0.10	
Page	2/9/2018	10:45	2.00		0.13	
Page	2/23/2018	10:25	8.00		0.09	
Page	3/9/2018	10:55	5.00		0.13	
Page	4/13/2018	9:40	11.00		0.09	
Page	4/27/2018	10:40	11.00		0.08	
Page	5/11/2018	10:00	16.00		0.07	
Page	6/8/2018	11:40	15.00		0.14	
Page	6/22/2018	10:30	17.00			
Page	7/13/2018	8:40	18.00		0.24	
Page	7/27/2018	9:10	20.00		0.17	
Page	8/10/2018	9:50	20.00		0.16	

Page	8/24/2018	9:10	17.00		0.14	
Page	9/7/2018	9:00	21.00		0.21	
Page	9/21/2018	9:55	19.00		0.07	
Page	10/12/2018	9:50	14.00		0.09	
Page	10/26/2018	10:25	8.00		0.18	
Page	11/9/2018	9:15	10.00		0.16	
Page	11/30/2018	10:32	7.00		0.24	
Page	12/14/2018	9:25	5.00		0.26	
Page	1/11/2019	9:40	1.00		0.32	
Page	2/8/2019	10:30	8.00		0.30	
Page	4/5/2019	9:00	8.00		0.32	
Page	5/10/2019	9:05	15.00		0.18	
Page	6/14/2019	9:55	15.00		0.57	
Page	7/12/2019	10:15	20.00		0.33	
Page	8/9/2019	10:30	22.00		0.47	
Page	9/13/2019	9:55	22.00		0.43	
Page	11/8/2019	8:35	7.00		0.28	
Page	10/18/2019	8:20	10.00		0.30	
Page	1/10/2020	9:00	3.00		0.21	
Page	2/21/2020	9:40	1.00		0.17	
Page	3/6/2020	10:30	6.00		0.17	
Page	5/15/2020	10:15	14.00		0.11	
Page	6/5/2020	9:50	18.00		0.08	

Page	8/14/2020	9:40	20.00		0.34	
Page	7/17/2020	10:40	22.00		0.22	
Page	9/18/2020	10:10	16.00		0.24	
Page	10/9/2020	10:20	12.00		0.21	
Page	11/6/2020	10:15	9.50		0.11	
Page	1/22/2021	11:30	4.00		0.28	
Page	2/26/2021	8:45	4.00		0.15	
Page	3/12/2021	9:40	9.00		0.19	
Page	4/9/2021	9:30	12.00			
Page	6/18/2021	10:40	15.00		0.22	
Page	7/16/2021	8:30	19.50		0.20	
Page	8/13/2021	10:10	22.00		0.26	
Page	9/17/2021	10:30	19.00		0.23	
Page	10/8/2021	10:40	16.00		0.23	
Page	12/3/2021	9:15	7.00		0.11	
Page	2/11/2022	8:30	3.00		0.12	
Page	5/13/2022	9:45	13.00		0.08	

Page	6/10/2022	9:15	15.00		0.09	
Page	8/5/2022	10:50	21.00		0.20	
Page	9/16/2022	9:00			0.16	
Page	10/7/2022	10:40	12.00		0.13	
Page	11/4/2022	9:15	11.00		0.09	
Page	1/26/2018	10:45	4.00		2.52	
Page	2/9/2018	11:05	4.00		2.84	
Page	2/23/2018	10:45	11.00		2.89	
Page	3/9/2018	11:50	6.00		4.10	
Page	4/13/2018	10:35	15.00		2.80	
Page	4/27/2018	10:50	15.00		0.63	
Page	5/11/2018	10:55	19.00		2.01	
Page	6/8/2018	10:40	18.00		4.08	
Page	6/22/2018	10:05	20.00			
Page	7/13/2018	9:45	19.00		4.59	
Page	7/27/2018	11:00	21.00		3.49	
Page	8/24/2018	10:00	17.00		3.99	
Page	9/7/2018	10:40	21.00		3.91	
Page	9/21/2018	10:30	20.00		3.40	
Page	10/12/2018	11:05	17.00		2.48	
Page	10/26/2018	10:30	11.00		4.63	
Page	11/9/2018	11:40	12.00		3.59	
Page	11/30/2018	10:55	9.00		4.45	
Page	12/14/2018	11:05	8.00		4.82	
Page	1/11/2019	11:05	6.00		4.63	
Page	2/8/2019	10:45	12.00		4.46	
Page	4/5/2019	10:20	12.00		4.28	

Page	5/10/2019	10:55	18.00		3.49	
Page	6/14/2019	10:40	15.00		3.73	
Page	7/12/2019	10:35	21.00		3.44	
Page	8/9/2019	11:10	21.00		3.07	
Page	9/13/2019	10:55	22.00		2.97	
Page	11/8/2019	10:25	10.00		3.03	
Page	10/18/2019	10:45	12.00		3.01	
Page	1/10/2020	11:20	6.00		3.36	
Page	2/21/2020	10:20	5.00		4.09	
Page	3/6/2020	10:10	8.00		3.52	
Page	5/15/2020	10:20	17.00		3.04	
Page	6/5/2020	10:40	21.00		2.34	
Page	7/17/2020	10:35	24.00		2.30	
Page	8/14/2020	11:40	24.00		2.60	
Page	9/18/2020	10:45	17.00		3.70	
Page	10/9/2020	10:35	14.00		3.48	
Page	11/6/2020	11:05	12.00		2.86	
Page	2/26/2021	10:05	9.00		3.00	NitDilx10
Page	3/12/2021	10:15	13.00		3.62	NitDilx10
Page	4/9/2021	10:40	16.00			
Page	6/18/2021	10:20	17.00		2.85	NitDilx10
Page	7/16/2021	10:20	22.00		2.67	NitDilx10
Page	8/13/2021	10:05	24.00		2.60	NitDilx10
Page	9/17/2021	9:55	20.00		3.51	NitDilx10
Page	10/8/2021	11:00	18.00		3.37	NitDilx10
Page	11/5/2021	11:05	9.00		2.95	NitDilx10
Page	12/3/2021	10:50	10.00		2.93	NitDilx10
Page	5/13/2022	10:40	16.00		2.54	NitDilx10
Page	6/10/2022	9:16	17.00		2.24	NitDilx10

Page	8/5/2022	9:35	22.00		2.98	NitDilx10
Page	9/16/2022	9:04	16.00		2.66	NitDilx10
Page	10/7/2022	8:52	12.00		2.65	Dilx10
Page	11/4/2022	9:04	11.00		2.18	
Page	1/26/2018	12:31	4.00		0.47	
Page	2/9/2018	12:20	3.00		0.71	
Page	2/23/2018	11:57	8.00		0.37	
Page	3/9/2018	12:24	5.00		0.51	
Page	4/13/2018	8:50	12.00		0.26	
Page	4/27/2018	12:25	11.00		0.12	
Page	5/11/2018	12:27	17.00		0.22	
Page	6/8/2018	12:14	16.50		0.54	
Page	6/22/2018	12:16	17.00			
Page	7/13/2018	12:22	23.50		0.72	
Page	7/27/2018	11:52	19.00		0.21	
Page	8/10/2018	12:15	20.50		0.33	
Page	8/24/2018	12:47	19.00		0.35	
Page	9/7/2018	12:10	23.00		0.81	
Page	9/21/2018	12:27	20.00		0.35	
Page	10/12/2018	11:30	16.00		0.54	
Page	10/26/2018	9:35	10.00		0.82	
Page	11/9/2018	11:08	10.50		0.53	
Page	11/30/2018	12:24	6.50		0.71	
Page	12/14/2018	12:37	5.00		0.83	
Page	1/11/2019	12:32	3.00		0.74	
Page	2/8/2019	12:18	8.00		0.76	
Page	4/5/2019	12:27	9.00		0.72	
Page	5/10/2019	11:50	16.00		0.45	
Page	7/12/2019	12:54	22.00		0.61	
Page	8/9/2019	12:22	23.50		0.74	
Page	9/13/2019	12:38	23.00		0.65	

Page	11/8/2019	12:31	10.00		0.88	
Page	10/18/2019	9:10	10.00		0.83	
Page	1/10/2020	12:29	5.00		0.50	
Page	3/6/2020	9:10	6.00		0.41	
Page	5/15/2020	13:13	15.00		0.36	
Page	6/5/2020	8:27	15.00		0.30	
Page	8/14/2020	8:20	23.00		0.87	
Page	7/17/2020	12:27	25.00		0.75	
Page	9/18/2020	13:06	17.00		0.62	
Page	10/9/2020	12:02	14.00		0.63	
Page	11/6/2020	12:08	12.00		0.31	
Page	1/22/2021	12:31	4.00		0.84	
Page	2/26/2021	12:47			0.48	
Page	3/12/2021	12:46	9.00		0.60	
Page	4/9/2021	12:31	13.00			
Page	6/18/2021	10:20	18.00		0.70	
Page	8/13/2021	12:47	27.00		0.63	
Page	9/17/2021	12:17	22.00		1.29	
Page	10/8/2021	12:35	18.00		1.31	
Page	11/5/2021	9:55	7.00		0.38	
Page	12/3/2021	12:33	9.00		0.51	

Page	2/11/2022	12:10	16.00		0.68	
Page	5/13/2022	9:40	13.00		0.37	
Page	1/12/2018	11:32	16.00		0.09	
Page	1/26/2018	11:46	9.00		0.06	
Page	2/9/2018	11:42	6.00		0.10	
Page	2/23/2018	11:07	10.00		0.06	
Page	3/9/2018	11:45	10.00		0.08	
Page	4/13/2018	8:16	13.00		0.05	
Page	4/27/2018	11:42	11.00		0.02	
Page	6/8/2018	11:44	16.00		0.21	
Page	6/22/2018	11:28	17.00			
Page	7/13/2018	11:42	18.00		0.20	
Page	7/27/2018	11:12	19.00		0.08	
Page	8/10/2018	11:34	19.00		0.12	
Page	8/24/2018	12:14	18.00		0.15	
Page	9/7/2018	11:28	20.00		0.17	
Page	9/21/2018	11:47	19.50		0.09	
Page	10/26/2018	9:00	15.00		0.16	
Page	11/9/2018	10:25	11.00		0.15	
Page	11/30/2018	11:40	8.00		0.23	
Page	12/14/2018	11:53	9.00		0.18	
Page	1/11/2019	11:48	8.00		0.22	
Page	2/8/2019	11:32	10.00		0.20	
Page	4/5/2019	11:38	10.50		0.24	
Page	5/10/2019	11:01	16.00		0.14	

Page	7/12/2019	12:19	19.00		0.15	
Page	8/9/2019	11:38	19.00		0.17	
Page	9/13/2019	12:00	19.00		0.14	
Page	11/8/2019	11:41	14.00		0.12	
Page	10/18/2019	8:35	15.00		0.13	
Page	1/10/2020	11:42	10.50		0.10	
Page	3/6/2020	8:45	14.00		0.10	
Page	5/15/2020	12:19	15.00		0.09	
Page	6/5/2020	7:58	16.00		0.19	
Page	7/17/2020	11:48	20.00		0.16	
Page	8/14/2020	7:50	18.00		0.16	
Page	9/18/2020	12:27	17.00		0.13	
Page	10/9/2020	11:10	16.00		0.11	
Page	11/6/2020	11:25	15.00		0.07	
Page	1/22/2021	11:51	9.00		0.16	
Page	2/26/2021	12:15			0.26	
Page	3/12/2021	12:08	10.00		0.17	
Page	4/9/2021	11:47	13.00			
Page	6/18/2021	9:35	17.00		0.16	
Page	8/13/2021	12:01	20.00		0.13	
Page	9/17/2021	11:37	19.00		0.13	
Page	10/8/2021	11:57	18.00		0.11	
Page	11/5/2021	9:15	10.00		0.07	

Page	12/3/2021	12:02	12.00		0.08	
Page	2/11/2022	11:19	7.00		0.12	
Page	5/13/2022	9:03	13.00		0.15	
Page	1/12/2018	8:55	2.00		0.18	
Page	1/26/2018	9:35	0.00		0.19	
Page	2/9/2018	9:05	2.00		0.72	
Page	3/9/2018	9:00	2.00		0.28	
Page	4/13/2018	9:46	14.00		0.11	
Page	4/27/2018	9:10	13.00		0.12	
Page	5/11/2018	9:06	15.00		0.09	
Page	6/8/2018	9:04	17.00		0.21	
Page	6/22/2018	9:59	18.00			
Page	7/13/2018	9:27	20.00		0.32	
Page	8/10/2018	10:08	21.00		0.19	
Page	8/24/2018	9:52	17.00		0.18	

Page	9/7/2018	8:32	23.00		0.41	
Page	9/21/2018	8:41	20.00		0.19	
Page	10/26/2018	10:40	10.00		0.22	
Page	11/30/2018	10:12	5.00		0.35	
Page	12/14/2018	9:05	4.00		0.32	
Page	1/11/2019	10:32	1.00		0.35	
Page	4/5/2019	9:00	9.00		0.27	
Page	5/10/2019	9:40	17.00		0.19	
Page	6/14/2019	8:46	14.00		0.41	
Page	7/12/2019	9:25	22.00		0.38	
Page	8/9/2019	10:01	23.00		2.27	
Page	9/13/2019	8:40	22.00		8.49	
Page	11/8/2019	9:10	6.00		0.54	
Page	10/18/2019	9:15	10.00		1.33	
Page	1/10/2020	10:07	2.00		0.37	
Page	2/21/2020	9:15	0.00		0.34	
Page	3/6/2020	9:49	5.00		0.15	

Page	5/15/2020	9:40	15.00		0.07	
Page	6/5/2020	10:20	21.00		0.19	
Page	7/17/2020	9:07	24.00		0.87	
Page	8/14/2020	9:07	23.00		0.61	
Page	9/18/2020	9:40	17.00		0.27	
Page	10/9/2020	11:00	14.00		0.53	
Page	11/6/2020	9:13	9.00		0.21	
Page	1/22/2021	10:03	2.00		0.28	
Page	2/26/2021	9:48	4.00		0.28	
Page	3/12/2021	9:23	10.00		0.19	
Page	4/9/2021	9:30	13.00			
Page	6/18/2021	8:50	15.00		0.22	
Page	7/16/2021	8:50	22.00		0.42	
Page	8/13/2021	8:53	24.00		1.74	
Page	9/17/2021	8:50	20.00		0.22	
Page	10/8/2021	9:11	18.00		0.44	

Page	11/5/2021	10:52	6.00		0.17	
Page	12/3/2021	10:50	8.00		0.11	
Page	2/11/2022	8:46	2.00		0.22	
Page	3/4/2022	8:45	3.00		0.15	
Page	5/13/2022	10:53	16.00		0.13	
Page	6/10/2022	9:30	17.00		0.19	
Page	8/5/2022	10:00	24.00		1.25	
Page	9/16/2022	9:16	17.00		0.81	
Page	10/7/2022	9:12	11.00		0.55	
Page	11/4/2022	9:24	10.00		0.35	
Shenandoah	1/12/2018	12:35	1.50		0.58	
Shenandoah	1/26/2018	8:05	0.00		0.68	
Shenandoah	2/9/2018	7:53	1.00		0.63	
Shenandoah	2/23/2018	7:56	9.50		0.33	
Shenandoah	3/9/2018	8:01	3.50		0.38	
Shenandoah	4/13/2018	7:55	12.00		0.32	
Shenandoah	6/8/2018	11:40	17.00		0.74	
Shenandoah	7/27/2018	8:02	22.00		0.43	
Shenandoah	8/10/2018	8:08	20.00		0.82	
Shenandoah	9/7/2018	7:55	22.00		0.73	
Shenandoah	12/14/2018	8:00	4.00		0.78	

Shenandoah	1/11/2019	8:50	1.50		0.86	
Shenandoah	2/8/2019	7:55	8.00		0.77	
Shenandoah	4/5/2019	8:40	9.50		0.69	
Shenandoah	5/10/2019	8:00	15.50		0.65	
Shenandoah	6/14/2019	7:35	17.00		0.61	
Shenandoah	8/9/2019	8:01	21.50		0.69	
Shenandoah	9/13/2019	7:56	21.50		0.79	
Shenandoah	11/8/2019	11:22	7.50		0.66	
Shenandoah	10/18/2019	8:00	10.00		0.74	
Shenandoah	1/10/2020	12:00	2.50		0.58	
Shenandoah	2/21/2020	11:45	4.00		0.55	
Shenandoah	3/6/2020	7:50	6.00		0.50	
Shenandoah	5/15/2020	8:45	14.00		0.34	
Shenandoah	6/5/2020	12:25	24.00		0.56	
Shenandoah	7/17/2020	7:51	23.50		0.72	
Shenandoah	8/14/2020	11:15	28.00		0.61	
Shenandoah	9/18/2020	10:35	16.50		0.74	
Shenandoah	10/9/2020	12:20	13.00		0.71	
Shenandoah	11/6/2020	8:12	8.00		0.51	
Shenandoah	1/22/2021	10:40	3.00		0.80	
Shenandoah	2/26/2021	8:50	5.00		0.54	
Shenandoah	3/12/2021	11:45	12.00		0.56	
Shenandoah	4/9/2021	11:45	15.00			

Shenandoah	6/18/2021	12:10	20.00		0.45	
Shenandoah	7/16/2021	8:06	23.00		0.70	
Shenandoah	8/13/2021	12:15			0.62	
Shenandoah	9/17/2021	12:10	22.00		0.65	
Shenandoah	10/8/2021	12:07	18.00		0.61	
Shenandoah	11/5/2021	7:25	6.00		0.39	
Shenandoah	12/3/2021	8:05	6.50		0.56	
Shenandoah	2/11/2022	10:25	3.50		0.54	
Shenandoah	3/4/2022	12:05	7.00		0.37	
Shenandoah	5/13/2022	12:35	15.00		0.44	
Shenandoah	6/10/2022	13:58	20.50		0.51	
Shenandoah	8/5/2022	12:35	25.00		0.95	

Shenandoah	9/16/2022	13:45	19.00		0.63	
Shenandoah	10/7/2022	8:00	12.50		0.62	
Shenandoah	11/4/2022	12:10	11.00		0.70	
Frederick	1/12/2018	11:50	2.00		0.45	
Frederick	1/26/2018	7:50	0.50		0.76	
Frederick	2/9/2018	7:34	1.00		0.60	
Frederick	2/23/2018	7:40	9.00		0.33	
Frederick	3/9/2018	7:44	3.00		0.37	
Frederick	4/13/2018	7:40	12.00		0.31	
Frederick	6/8/2018	11:10	16.50		0.34	
Frederick	7/27/2018	7:30	21.00		0.39	
Frederick	8/10/2018	7:50	20.00		0.43	
Frederick	9/7/2018	7:40	22.00		0.45	
Frederick	12/14/2018	7:35	4.00		0.59	
Frederick	1/11/2019	8:30	1.00		0.60	
Frederick	2/8/2019	7:37	8.00		0.54	
Frederick	4/5/2019	8:25	9.50		0.48	
Frederick	5/10/2019	7:45	15.50		0.44	
Frederick	6/14/2019	7:20	16.00		0.47	
Frederick	8/9/2019	7:45	20.50		0.59	
Frederick	9/13/2019	7:41	20.50		0.71	
Frederick	11/8/2019	11:00	8.00		0.71	
Frederick	10/18/2019	7:40	9.50		0.77	
Frederick	1/10/2020	12:19	3.00		0.64	
Frederick	2/21/2020	12:05	4.00		0.52	

Frederick	3/6/2020	7:33	5.00		0.46	
Frederick	5/15/2020	8:20	14.00		0.32	
Frederick	6/5/2020	12:45	23.00		0.35	
Frederick	7/17/2020	7:29	22.00		0.76	
Frederick	8/14/2020	11:30	28.00		0.51	
Frederick	9/18/2020	9:46	16.00		0.56	
Frederick	10/9/2020	12:45	13.00		0.73	
Frederick	11/6/2020	7:42	8.50		0.56	
Frederick	1/22/2021	10:20	3.50		0.69	
Frederick	2/26/2021	8:30	4.50		0.42	
Frederick	3/12/2021	12:01	11.00		0.43	
Frederick	4/9/2021	11:30	14.00			
Frederick	6/18/2021	12:30	19.00		0.50	
Frederick	7/16/2021	7:45	21.00		0.73	
Frederick	8/13/2021	12:35			0.57	
Frederick	9/17/2021	12:30	22.00		0.47	
Frederick	10/8/2021	12:25	17.00		0.54	

Frederick	11/5/2021	7:15	5.50		0.40	
Frederick	12/3/2021	7:45	7.00		0.57	
Frederick	2/11/2022	10:04	3.50		0.49	
Frederick	3/4/2022	12:30	6.00		0.36	
Frederick	5/13/2022	12:55	15.00		0.31	
Frederick	6/10/2022	13:35	18.50		0.50	
Frederick	8/5/2022	12:55	25.00		0.44	
Frederick	9/16/2022	14:05	18.00		0.57	
Frederick	10/7/2022	7:42	12.50		0.60	
Frederick	11/4/2022	12:30	11.00		0.87	
Shenandoah	5/2/2018	13:30	17.50			
Shenandoah	5/9/2018	13:07	20.00			
Shenandoah	5/16/2018	14:23	23.00			

Shenandoah	5/23/2018	13:17			
Shenandoah	5/30/2018	12:53	20.00		
Shenandoah	6/7/2018	12:53	16.50		
Shenandoah	6/13/2018	13:11	17.50		
Shenandoah	6/20/2018	13:22	23.50		
Shenandoah	6/27/2018	14:59	19.00		
Shenandoah	7/5/2018	12:12	24.20		
Shenandoah	7/11/2018	12:20	25.00		
Shenandoah	8/2/2018	11:46			
Shenandoah	8/9/2018	8:47	21.50		
Shenandoah	8/15/2018	12:59	21.00		
Shenandoah	8/22/2018	10:47	20.20		
Shenandoah	8/28/2018	9:54	22.00		
Shenandoah	9/4/2018	10:08	23.10		

Shenandoah	9/11/2018	10:55	16.20		
Shenandoah	9/20/2018	13:58	19.30		
Shenandoah	5/6/2019	10:52	17.00		
Shenandoah	5/15/2019	16:34	15.00		
Shenandoah	5/20/2019	14:14	21.50		
Shenandoah	5/29/2019	14:08	24.50		
Shenandoah	6/5/2019	14:14			
Shenandoah	6/12/2019	9:18	19.00		
Shenandoah	6/20/2019	9:58	23.00		
Shenandoah	6/27/2019	9:18	23.50		
Shenandoah	6/28/2019	8:54	23.50		
Shenandoah	7/2/2019	8:47	23.00		
Shenandoah	7/5/2019	13:40	26.00		
Shenandoah	7/9/2019	13:35	25.00		
Shenandoah	7/17/2019	17:37	27.00		
Shenandoah	7/24/2019	15:06	24.80		

Shenandoah	7/31/2019	13:29	24.50		
Shenandoah	8/6/2019	8:41	23.50		
Shenandoah	8/15/2019	8:17	24.50		
Shenandoah	8/22/2019	10:03	25.00		
Shenandoah	8/29/2019	14:42	24.00		
Shenandoah	9/3/2019	10:33	22.20		
Shenandoah	9/10/2019	9:35	20.50		
Shenandoah	9/17/2019	11:49	23.00		
Shenandoah	5/8/2020	10:38	12.20		
Shenandoah	5/14/2020	10:01	14.00		
Shenandoah	5/20/2020	9:03	14.50		
Shenandoah	5/27/2020	10:17	19.50		
Shenandoah	6/3/2020	8:32	20.00		
Shenandoah	6/10/2020	14:24	22.00		
Shenandoah	6/18/2020	10:37	19.50		
Shenandoah	6/24/2020	9:00	23.00		
Shenandoah	7/1/2020	10:52	25.00		

Shenandoah	7/8/2020	8:33	27.00		
Shenandoah	7/15/2020	8:29	25.50		
Shenandoah	7/23/2020	13:56	30.00		
Shenandoah	7/30/2020	13:46	28.00		
Shenandoah	8/5/2020	11:33	26.30		
Shenandoah	8/12/2020	13:05	29.80		
Shenandoah	8/18/2020	9:05	24.50		
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Warren	9/15/2022	13:10	21.00			

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Warren	7/5/2019	10:16	24.50		
Warren	7/9/2019	10:02	24.50		
Warren	7/17/2019	13:57	28.50		
Warren	7/24/2019	11:13	24.00		

Warren	7/31/2019	9:37	25.50		
Warren	8/6/2019	14:26	27.50		
Warren	8/15/2019	14:23	26.20		
Warren	8/22/2019	15:25	28.00		
Warren	8/29/2019	18:00	24.00		
Warren	9/3/2019	14:11	25.50		
Warren	9/10/2019	13:23	23.70		
Warren	9/17/2019	8:24	23.00		

Warren	5/14/2020	13:44	15.50		
Warren	5/20/2020	12:21	16.50		
Warren	5/27/2020	14:55	20.20		
Warren	6/3/2020	13:04	22.00		
Warren	6/10/2020	8:59	24.00		
Warren	6/18/2020	15:28	21.00		
Warren	6/22/2020	13:18	22.50		
Warren	6/24/2020	13:01	24.50		

Warren	7/1/2020	11:04	28.20		
Warren	7/8/2020	13:08	30.70		
Warren	7/15/2020	12:43	28.50		
Warren	7/23/2020	10:03	28.00		
Warren	7/30/2020	9:51	27.00		
Warren	8/5/2020	15:42	28.50		
Warren	8/12/2020	9:36	27.50		
Warren	8/25/2020	10:50	24.80		

Warren	9/17/2020	9:51	19.80			
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Warren	9/24/2020	13:35	18.50			
Warren	9/30/2020	10:36	19.40			
Warren	7/1/2021	10:00	28.00			
Warren	7/2/2021	11:32	26.00			
Warren	7/7/2021	9:51	26.60			
Warren	7/14/2021	9:47	28.00			

Warren	7/21/2021	9:52	27.00			
Warren	7/28/2021	9:41	27.00			
Warren	8/11/2021	9:46	27.00			
Warren	8/19/2021	8:50	24.50			
Warren	8/25/2021	10:16	27.00			
Warren	9/2/2021	12:45				
Warren	5/25/2022	10:34	18.70			
Warren	6/1/2022	13:00				

Warren	6/9/2022	10:26			
Warren	6/14/2022	9:52	24.30		
Warren	6/22/2022	13:53	23.00		
Warren	6/28/2022	10:00	23.00		
Warren	7/5/2022	10:49	25.00		
Warren	7/13/2022	9:39	25.00		
Warren	7/20/2022	9:38	25.00		
Warren	7/28/2022	10:01	24.80		

Warren	8/2/2022	11:46	24.90			
Warren	8/10/2022	9:53	26.50			
Warren	8/17/2022	9:18	20.50			
Warren	8/25/2022	10:16	23.80			
Warren	9/1/2022	9:54	23.50			
Warren	9/8/2022	11:25	23.00			
Warren	9/15/2022	13:13	21.50			
Warren	8/15/2018	17:34	20.00			
Warren	8/22/2018	14:59				
Warren	8/28/2018	13:41	20.00			

Warren	9/4/2018	14:19	22.50		
Warren	9/11/2018	14:42			
Warren	5/6/2019	14:47			
Warren	5/15/2019	13:06	13.00		
Warren	5/20/2019	10:21	17.00		
Warren	5/29/2019	10:53	19.00		
Warren	6/5/2019	10:24			
Warren	6/12/2019	13:22	17.00		
Warren	6/20/2019	14:20	21.50		
Warren	6/27/2019	13:39	21.50		
Warren	6/28/2019	10:13	24.00		
Warren	7/2/2019	13:42	21.50		
Warren	7/5/2019	10:32	20.00		
Warren	7/9/2019	10:14	19.00		
Warren	7/17/2019	14:07	24.00		
Warren	7/24/2019	11:21	19.80		
Warren	7/31/2019	9:46	19.80		

Warren	8/6/2019	14:33	22.00		
Warren	8/15/2019	14:33	21.50		
Warren	8/22/2019	15:31	23.50		
Warren	8/29/2019	18:07	20.00		
Warren	9/3/2019	14:22	22.00		
Warren	9/10/2019	13:31	20.00		
Warren	9/17/2019	8:32	18.00		
Warren	5/8/2020	14:37	10.50		
Warren	5/14/2020	13:55	13.80		
Warren	5/20/2020	12:30	13.50		
Warren	5/27/2020	15:09	17.50		
Warren	5/29/2020	12:50	20.50		
Warren	6/3/2020	13:13	20.20		
Warren	6/10/2020	8:54	21.00		
Warren	6/18/2020	15:36	19.00		
Warren	6/22/2020	13:27	22.00		
Warren	6/24/2020	12:59	22.70		

Warren	7/1/2020	11:13	22.00			
Warren	7/8/2020	13:15	24.90			
Warren	7/15/2020	12:53	22.50			
Warren	7/23/2020	10:14	27.50			
Warren	7/30/2020	10:03	21.50			
Warren	8/5/2020	15:55	24.20			
Warren	8/12/2020	9:46	28.50			
Warren	8/18/2020	12:56	22.50			
Warren	8/25/2020	11:01	23.00			
Warren	9/2/2020	9:41	20.90			
Warren	9/10/2020	10:56	20.80			
Warren	9/17/2020	9:59	15.00			
Warren	9/17/2020	9:59	15.00		0.70	
Warren	9/24/2020	13:44	14.70			
Warren	9/30/2020	10:20	14.90			
Warren	6/10/2021	11:24	21.10			

Warren	6/15/2021	12:17	21.00		
Warren	6/23/2021	9:52	17.00		
Warren	7/1/2021	10:07	22.00		
Warren	7/2/2021	11:49	21.50		
Warren	7/7/2021	9:59	22.00		
Warren	7/14/2021	9:55	23.00		
Warren	7/21/2021	10:01	22.00		
Warren	7/28/2021	9:50	21.00		
Warren	8/11/2021	9:53	22.00		
Warren	8/19/2021	8:58	22.00		
Warren	8/25/2021	10:24	23.00		
Warren	9/2/2021	12:50			

Warren	5/25/2022	10:45	9.20			
Warren	6/1/2022	13:12				
Warren	6/9/2022	10:34				
Warren	6/14/2022	10:04	19.00			
Warren	6/22/2022	14:01	19.20			
Warren	6/23/2022	10:15	18.00			
Warren	6/28/2022	10:08	17.00			
Warren	7/5/2022	10:58	20.00			
Warren	7/13/2022	9:46	19.30			
Warren	7/20/2022	10:07	20.00			
Warren	7/28/2022	10:11	21.50			
Warren	8/2/2022	11:58	21.00			
Warren	8/10/2022	10:04	22.00			
Warren	8/17/2022	9:29	16.50			

Warren	8/25/2022	10:25	19.00			
Warren	9/1/2022	10:10	17.50			
Warren	9/8/2022	11:33	19.50			
Warren	9/15/2022	13:20	18.00			
Warren	5/2/2018	10:41	15.00			
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Warren	5/16/2018	11:06	21.00			
Warren	5/23/2018	11:00				
Warren	5/30/2018	10:21				
Warren	6/7/2018	15:48	18.00			
Warren	6/13/2018	10:30	18.50			
Warren	6/20/2018	15:13	25.00			

Warren	6/27/2018	17:10	20.00			
Warren	7/5/2018	14:30	28.00			
Warren	7/11/2018	15:21	27.50			
Warren	7/19/2018	12:52	24.50			
Warren	7/26/2018	18:04	23.00			
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Warren	8/9/2018	10:59	22.00			
Warren	8/15/2018	16:26	23.30			
Warren	8/22/2018	12:59	23.00			
Warren	8/28/2018	12:32	24.00			
Warren	9/4/2018	12:26	25.00			

Warren	9/11/2018	13:09			
Warren	9/20/2018	16:40			
Warren	5/6/2019	13:12	19.00		
Warren	5/15/2019	14:22	15.00		
Warren	5/20/2019	11:57	21.00		
Warren	5/29/2019	11:47	23.80		
Warren	6/5/2019	11:26			
Warren	6/12/2019	12:06	20.50		
Warren	6/20/2019	12:41	25.00		
Warren	6/27/2019	12:09	24.50		
Warren	7/2/2019	12:03	29.00		

Warren	7/5/2019	11:37	25.20		
Warren	7/9/2019	11:15	24.00		
Warren	7/17/2019	15:07	28.20		
Warren	7/24/2019	12:10	24.50		
Warren	7/31/2019	10:43	24.80		
Warren	8/6/2019	12:39	25.00		
Warren	8/15/2019	13:03	25.50		
Warren	8/22/2019	13:18	26.50		
Warren	8/29/2019	17:05	24.50		
Warren	9/3/2019	13:09	24.00		
Warren	9/10/2019	12:00	22.00		

Warren	9/17/2019	9:22	23.50		
Warren	5/8/2020	13:13	12.80		
Warren	5/14/2020	12:17	14.90		
Warren	5/20/2020	11:27	15.50		
Warren	5/27/2020	13:07	19.00		
Warren	6/3/2020	11:02	20.50		
Warren	6/10/2020	11:56	24.00		
Warren	6/18/2020	13:20	20.00		
Warren	6/24/2020	11:25	23.00		
Warren	7/1/2020	9:06	26.00		
Warren	7/8/2020	11:10	27.80		

Warren	7/15/2020	11:14	26.50		
Warren	7/23/2020	11:07	27.00		
Warren	7/30/2020	10:57	26.50		
Warren	8/5/2020	14:08	27.50		
Warren	8/12/2020	10:38	26.00		
Warren	8/18/2020	11:29	20.70		
Warren	8/25/2020	12:23	23.50		
Warren	9/2/2020	10:36	21.20		
Warren	9/10/2020	13:57	24.00		
Warren	9/17/2020	11:56	19.70		
Warren	9/24/2020	14:54	18.00		

Warren	9/30/2020	12:08	17.70			
Warren	5/27/2021	11:01	24.20			
Warren	6/3/2021	10:39	21.00			
Warren	6/10/2021	10:31	26.00			
Warren	6/15/2021	13:28	25.00			
Warren	6/23/2021	10:45	22.00			
Warren	7/1/2021	11:06	28.50			
Warren	7/7/2021	10:55	27.20			
Warren	7/14/2021	10:51	28.00			
Warren	7/21/2021	11:03	27.00			
Warren	7/28/2021	11:01	27.00			

Warren	8/11/2021	10:58	26.00			
Warren	8/19/2021	9:52	26.40			
Warren	8/25/2021	11:28	27.00			
Warren	9/2/2021	14:01				
Warren	5/25/2022	11:35	18.00			
Warren	6/1/2022	11:34				
Warren	6/9/2022	11:32				
Warren	6/14/2022	11:15				
Warren	6/22/2022	12:06	22.50			
Warren	6/28/2022	11:14	22.00			
Warren	7/5/2022	11:56	24.00			

Warren	7/13/2022	10:38	23.50		
Warren	7/20/2022	11:00	25.00		
Warren	7/28/2022	11:07	25.00		
Warren	8/2/2022	13:21	25.10		
Warren	8/10/2022	11:17	27.50		
Warren	8/17/2022	10:40	21.00		
Warren	8/25/2022	11:24	23.50		
Warren	9/1/2022	12:09	23.00		
Warren	9/8/2022	10:24	22.50		
Warren	5/30/2018	10:39	20.50		
Warren	6/27/2018	16:55	20.00		

Warren	7/5/2018	14:14	28.20		
Warren	7/11/2018	15:05	27.00		
Warren	7/19/2018	12:29	26.00		
Warren	7/26/2018	17:46	23.00		
Warren	8/2/2018	14:31			
Warren	8/9/2018	10:37	22.00		
Warren	8/15/2018	16:04	23.00		
Warren	8/22/2018	12:43	22.80		
Warren	8/28/2018	12:09	24.90		
Warren	9/4/2018	12:09	25.50		
Warren	9/11/2018	12:53	17.30		
Warren	9/20/2018	16:14			
Warren	5/6/2019	12:53	19.00		
Warren	5/15/2019	14:40	15.00		
Warren	5/20/2019	12:14	21.00		

Warren	5/29/2019	12:04	19.00		
Warren	6/5/2019	11:46			
Warren	6/12/2019	11:43	21.00		
Warren	6/20/2019	12:13	25.00		
Warren	6/27/2019	11:45	25.00		
Warren	7/2/2019	11:39	25.50		
Warren	7/5/2019	11:48	26.00		
Warren	7/9/2019	11:32	24.80		
Warren	7/17/2019	15:24	28.50		
Warren	7/24/2019	12:31	25.50		
Warren	7/31/2019	11:10	25.10		
Warren	8/6/2019	12:22	25.50		
Warren	8/15/2019	12:50	26.50		
Warren	8/22/2019	13:01	27.50		
Warren	8/29/2019	16:45	25.00		
Warren	9/3/2019	16:45	25.50		
Warren	9/10/2019	11:40	23.00		

Warren	9/17/2019	9:37	23.00			
Warren	5/8/2020	12:47	13.00			
Warren	5/14/2020	11:57	14.90			
Warren	5/20/2020	11:08	15.50			
Warren	5/27/2020	12:45	18.90			
Warren	6/3/2020	10:43	20.00			
Warren	6/10/2020	12:14	24.50			
Warren	6/18/2020	12:50	20.50			
Warren	6/24/2020	11:07	22.50			
Warren	7/1/2020	8:44	26.00			
Warren	7/8/2020	10:52	28.50			
Warren	7/15/2020	10:55	27.00			
Warren	7/23/2020	11:36	28.00			
Warren	7/30/2020	11:17	27.00			
Warren	8/5/2020	13:48	27.80			
Warren	8/12/2020	10:58				
Warren	8/18/2020	11:10	21.00			

Warren	8/25/2020	12:41	24.00			
Warren	9/2/2020	10:54	21.00			
Warren	9/10/2020	14:18	24.10			
Warren	9/17/2020	12:13	20.00			
Warren	9/24/2020	15:10	18.50			
Warren	9/30/2020	12:32	18.80			
Warren	5/25/2022	11:53	18.70			
Warren	6/1/2022	11:16				
Warren	6/9/2022	12:08				
Warren	6/14/2022	11:36				
Warren	6/22/2022	11:48	23.50			
Warren	6/28/2022	11:32	23.00			
Warren	7/5/2022	12:23				
Warren	7/13/2022	10:54	24.00			
Warren	7/20/2022	11:17	25.50			

Warren	7/28/2022	11:23	25.00			
Warren	8/2/2022	13:34	26.80			
Warren	8/10/2022	11:42	28.00			
Warren	8/17/2022	11:01	21.30			
Warren	8/25/2022	11:45	24.20			
Warren	9/1/2022	12:30	24.00			
Warren	9/8/2022	10:05	22.50			
Warren	9/17/2020	10:38	16.00		0.12	
Warren	9/10/2020	11:24	21.00			
Warren	9/17/2020	10:16	15.00		0.36	
Warren	9/30/2020	11:06	14.80			
Warren	5/29/2020	10:16	18.00			
Warren	6/3/2020	12:24	18.80			
Warren	6/10/2020	11:10	20.00			
Warren	6/18/2020	14:45	18.00			

Warren	5/29/2020	10:43				
Warren	6/3/2020	12:40				
Warren	6/10/2020	10:42	19.00			
Warren	6/18/2020	15:08	19.50			
Rockingham	1/26/2018	9:55	4.00		0.49	
Rockingham	2/9/2018	8:30	3.00		0.53	
Rockingham	2/23/2018	7:40	11.00		0.72	
Rockingham	3/9/2018	7:45	4.00		0.88	
Rockingham	4/13/2018	9:30	14.00		0.63	
Rockingham	4/27/2018	10:20	13.00		0.34	
Rockingham	5/11/2018	9:25	18.00		0.70	
Rockingham	6/8/2018	9:40	18.00		0.83	
Rockingham	6/22/2018	9:40	20.00			
Rockingham	7/13/2018	8:24	22.00		0.95	
Rockingham	8/10/2018	9:35	21.00		0.76	
Rockingham	8/24/2018	10:30	19.00		0.66	
Rockingham	9/7/2018	8:55	23.00		0.92	
Rockingham	10/26/2018	10:20	10.00		1.17	
Rockingham	11/30/2018	9:25	5.00		1.00	
Rockingham	12/14/2018	9:05	5.00		1.18	
Rockingham		9:25	1.00		1.21	
Rockingham	2/8/2019	9:15	12.00		1.15	
Rockingham	4/5/2019	8:10	12.00		1.04	
Rockingham	6/14/2019	10:00	18.00		0.89	
Rockingham	7/12/2019	8:25	23.00		0.96	
Rockingham	11/8/2019	9:40	9.00		0.90	
Rockingham	2/21/2020	8:55	4.00		1.01	

Rockingham	3/6/2020	9:30	8.00		0.92	
Rockingham	6/5/2020	9:30	21.00		0.49	
Rockingham	8/14/2020	9:50	24.00		0.77	
Rockingham	9/18/2020	10:15	17.00		0.85	
Rockingham	10/9/2020	9:15	14.00		0.72	
Rockingham	11/6/2020	9:30	10.50		0.79	
Rockingham	2/26/2021	9:25	7.00		0.78	
Rockingham	4/9/2021	8:55	15.00			
Rockingham	9/17/2021	8:15	22.00		0.70	
Rockingham	10/8/2021	7:15	17.00		0.43	
Rockingham	11/5/2021	7:00	8.00		0.56	
Rockingham	12/3/2021	8:15	7.00		0.64	
Rockingham	2/11/2022	8:55	5.00		0.95	
Rockingham	5/13/2022	9:15	17.00		0.50	
Rockingham	8/5/2022	8:25	24.00		0.70	
Rockingham	9/16/2022	7:48	18.00		0.62	
Augusta	1/12/2018	9:45	4.00		0.68	
Augusta	1/26/2018	9:25	5.00		0.52	
Augusta	2/9/2018	7:40	4.00		0.52	
Augusta	2/23/2018	7:00	12.00		0.68	
Augusta	3/9/2018	7:05	4.00		0.77	
Augusta	4/13/2018	8:55	13.00		0.58	
Augusta	4/27/2018	9:40	13.00		0.33	

Augusta	5/11/2018	8:50	17.00		0.64	
Augusta	6/8/2018	9:00	18.00		0.83	
Augusta	6/22/2018	9:00	21.00			
Augusta	7/13/2018	7:45	21.00		1.02	
Augusta	8/10/2018	9:05	20.00		0.81	
Augusta	8/24/2018	9:55	19.00		0.64	
Augusta	9/7/2018	8:15	22.00		0.90	
Augusta	10/26/2018	9:35	10.00		1.13	
Augusta	11/30/2018	8:45	7.00		0.99	
Augusta	12/14/2018	8:00	5.00		1.13	
Augusta	1/11/2019	8:45	3.00		1.17	
Augusta	2/8/2019	8:40	10.00		1.07	
Augusta	4/5/2019	7:30	12.00		0.97	
Augusta	6/14/2019	9:20	17.00		0.85	
Augusta	7/12/2019	7:45	22.00		0.93	
Augusta	8/9/2019	9:45	23.00		0.75	
Augusta	11/8/2019	8:50	9.00		0.89	
Augusta	2/21/2020	8:15	4.00		0.96	
Augusta	3/6/2020	8:50	8.00		0.86	
Augusta	6/5/2020	8:55	21.00		0.46	
Augusta	8/14/2020	9:00	22.00		0.80	
Augusta	9/18/2020	9:40	17.00		0.85	
Augusta	10/9/2020	8:35	13.00		0.72	
Augusta	11/6/2020	8:55	11.00		0.79	
Augusta	2/26/2021	8:45	7.00		0.78	
Augusta	4/9/2021	8:10	15.00			
Augusta	8/13/2021	7:40	25.00		0.56	
Augusta	9/17/2021	7:35	23.00		0.78	
Augusta	10/8/2021	7:45	17.00		0.46	

Augusta	11/5/2021	7:50	7.00		0.58	
Augusta	12/3/2021	7:35	6.00		0.67	
Augusta	2/11/2022	9:30	6.00		0.90	
Augusta	5/13/2022	8:30	16.00		0.49	
Augusta	8/5/2022	9:05	24.00		0.70	
Augusta	9/16/2022	8:25	18.00		0.61	
Augusta	1/12/2018	10:00	3.00		0.69	
Augusta	1/26/2018	9:35	5.00		0.45	
Augusta	2/9/2018	7:50	3.00		0.52	
Augusta	2/23/2018	7:10	11.00		0.69	
Augusta	3/9/2018	7:20	4.00		0.74	
Augusta	4/13/2018	9:10	13.00		0.59	
Augusta	4/27/2018	9:50	13.00		0.32	
Augusta	5/11/2018	9:00	17.00		0.64	
Augusta	6/8/2018	9:15	18.00		0.81	
Augusta	6/22/2018	9:15	21.00			
Augusta	7/13/2018	8:00	21.00		0.97	

Augusta	8/10/2018	9:15	20.00		0.77	
Augusta	8/24/2018	10:05	19.00		0.63	
Augusta	9/7/2018	8:30	23.00		0.87	
Augusta	10/26/2018	9:50	10.00		1.12	
Augusta	11/30/2018	9:00	6.00		0.97	
Augusta	12/14/2018	8:35	5.00		1.13	
Augusta	1/11/2019	9:00	2.00		1.18	
Augusta	2/8/2019	8:50	10.00		1.08	
Augusta	4/5/2019	7:45	12.00		0.98	
Augusta	6/14/2019	9:30	17.00		0.82	
Augusta	7/12/2019	8:00	23.00		0.88	
Augusta	8/9/2019	10:00	23.00		0.70	
Augusta	11/8/2019	9:05	9.00		0.85	
Augusta	2/21/2020	8:30	4.00		0.97	
Augusta	3/6/2020	9:05	8.00		0.87	
Augusta	6/5/2020	9:10	21.00		0.45	
Augusta	8/14/2020	9:20	23.00		0.70	

Augusta	9/18/2020	9:50	17.00		0.84	
Augusta	10/9/2020	8:50	14.00		0.70	
Augusta	11/6/2020	9:10	11.00		0.78	
Augusta	2/26/2021	9:00	7.00		0.77	
Augusta	4/9/2021	8:25	15.00			
Augusta	8/13/2021				0.59	
Augusta	9/17/2021	7:50	24.00		0.75	
Augusta	10/8/2021	7:33	18.00		0.44	
Augusta	11/5/2021	7:35	7.00		0.53	
Augusta	12/3/2021	7:50	6.00		0.61	
Augusta	2/11/2022	9:20	5.00		0.92	
Augusta	5/13/2022	8:45	16.00		0.47	
Augusta	8/5/2022	8:55	24.00		0.66	
Augusta	9/16/2022	8:15	18.00		0.54	
Rockingham	1/26/2018	9:40	4.00		0.50	
Rockingham	2/9/2018	8:05	4.00		0.54	

Rockingham	2/23/2018	7:25	11.00		0.72	
Rockingham	3/9/2018	7:30	4.00		0.89	
Rockingham	4/13/2018	9:20	13.00		0.64	
Rockingham	4/27/2018	10:05	12.00		0.35	
Rockingham	5/11/2018	9:15	18.00		0.71	
Rockingham	6/8/2018	9:30	18.00		0.84	
Rockingham	6/22/2018	9:25	21.00			
Rockingham	7/13/2018	8:10	22.00		0.94	
Rockingham	8/10/2018	9:25	21.00		0.77	
Rockingham	8/24/2018	10:25	19.00		0.63	
Rockingham	9/7/2018	8:45	23.00		0.88	
Rockingham	10/26/2018	10:00	10.00		1.13	
Rockingham	11/30/2018	9:00	7.00		0.97	
Rockingham	12/14/2018	8:50	5.00		1.16	
Rockingham	1/11/2019	9:13	1.00		1.15	
Rockingham	2/8/2019	9:05	10.00		1.10	
Rockingham	4/5/2019	8:00	12.00		1.00	
Rockingham	6/14/2019	9:45	18.00		0.84	
Rockingham	7/12/2019	8:12	23.00		0.93	
Rockingham	8/9/2019	10:15	24.00		0.73	
Rockingham	11/8/2019	9:20	9.00		0.90	
Rockingham	2/21/2020	8:45	4.00		1.00	
Rockingham	3/6/2020	9:15	8.00		0.90	
Rockingham	6/5/2020	9:20	19.00		0.49	
Rockingham	8/14/2020	9:30	23.00		0.74	
Rockingham	9/18/2020	10:00	17.00		0.86	
Rockingham	10/9/2020	9:00	14.00		0.72	
Rockingham	11/6/2020	9:20	11.00		0.78	
Rockingham	2/26/2021	9:10	7.00		0.77	

Rockingham	4/9/2021	8:40	15.00			
Rockingham	8/13/2021	8:10	25.00		0.60	
Rockingham	9/17/2021	8:00	22.00		0.72	
Rockingham	10/8/2021	7:00	18.00		0.44	
Rockingham	11/5/2021	7:20	8.00		0.58	
Rockingham	12/3/2021	8:05	6.00		0.64	
Rockingham	2/11/2022	9:10	5.00		0.94	
Rockingham	5/13/2022	9:00	16.00		0.49	
Rockingham	8/5/2022	8:40	25.00		0.61	
Rockingham	9/16/2022	8:00	18.00		0.61	
Augusta	1/12/2018	7:26	10.00		0.68	
Augusta	1/26/2018	7:25	4.00		0.55	
Augusta	2/9/2018	7:18	3.00		0.47	
Augusta	3/9/2018	8:58	5.00		0.69	
Augusta	4/13/2018	7:25	12.50		0.45	
Augusta	4/27/2018	9:05	12.00		0.30	
Augusta	5/11/2018	7:40	15.50		0.57	
Augusta	6/8/2018	10:40	17.50		0.62	
Augusta	6/22/2018	8:05	19.50			
Augusta	7/13/2018	9:44	22.00		0.89	
Augusta	8/24/2018	7:59	17.00		0.52	
Augusta	9/21/2018	7:45	18.50		0.39	
Augusta	10/12/2018	10:28	16.00		0.43	
Augusta	10/26/2018	8:38	10.00		0.12	
Augusta	11/9/2018	8:44	11.00		0.57	
Augusta	11/30/2018	9:37	6.50		0.82	

Augusta	12/14/2018	10:11	5.00		0.96	
Augusta	1/11/2019	8:33	3.00		1.00	
Augusta	2/8/2019	8:44	10.00		0.96	
Augusta	1/26/2018	9:32	2.00		1.43	
Augusta	2/23/2018	9:16	10.00		1.61	
Augusta	4/27/2018	9:27	13.00		0.81	
Augusta	5/11/2018	9:05	16.00		1.13	
Augusta	6/22/2018	8:19	19.50			
Augusta	7/27/2018	9:10	19.50		1.29	
Augusta	8/24/2018	9:26	16.00		1.34	
Augusta	9/21/2018	8:23	20.50		0.60	
Augusta	11/30/2018	10:10	7.50		1.67	
Augusta	1/26/2018	7:17	2.00		0.86	
Augusta	2/9/2018	7:23	2.00		1.05	
Augusta	2/23/2018	7:23	11.00		0.99	
Augusta	4/13/2018	9:01	13.00		0.88	
Augusta	4/27/2018	7:21	12.00		0.79	
Augusta	5/11/2018	7:17	17.00		0.94	
Augusta	6/22/2018	8:47	22.00			
Augusta	8/24/2018	7:15	19.00		1.43	
Augusta	9/7/2018	7:15	22.50		1.62	

Augusta	10/26/2018	7:15	9.00		2.18	
Augusta	11/9/2018	7:15	11.00		1.56	
Augusta	1/11/2019	7:20	2.00		2.34	
Augusta	2/8/2019	7:20	10.00		2.20	
Augusta	4/5/2019	7:20	11.00		1.95	
Augusta	5/10/2019	7:20	17.50		1.41	
Augusta	6/14/2019	8:20	16.00		1.61	
Augusta	9/13/2019	7:20	17.00		1.22	
Augusta	11/8/2019	7:20	3.00		1.43	
Augusta	10/18/2019	7:20	5.00		1.00	
Augusta	1/10/2020	7:20	1.00		1.31	
Augusta	2/21/2020	7:35	-2.00		1.94	
Augusta	3/6/2020	7:20	2.00		1.40	
Augusta	8/14/2020	7:20	17.00		1.62	
Augusta	9/18/2020	7:20	17.00		1.63	
Augusta	10/9/2020	7:20	13.00		1.32	
Augusta	11/6/2020	7:20	9.00		1.83	

Augusta	1/22/2021	7:20	3.00		2.35	NitDilx10
Augusta	2/26/2021	7:20	6.00		1.58	
Augusta	3/12/2021	7:20	11.00		2.12	
Augusta	4/9/2021	9:35	15.00			
Augusta	9/17/2021	7:20	20.00		1.18	
Augusta	10/8/2021	9:05	17.00		1.81	
Augusta					1.24	
Augusta	11/5/2021	7:20	6.00		1.24	
Augusta	12/3/2021	7:20	5.00		1.29	
Augusta	5/13/2022				0.91	
Augusta	9/16/2022	7:20	18.00		0.87	
Augusta	11/4/2022	7:30	11.00		0.37	
Augusta	1/26/2018	7:05	2.00		0.88	
Augusta	2/9/2018	7:04	2.00		1.11	
Augusta	2/23/2018	7:05	11.00		0.87	
Augusta	4/13/2018	8:40	13.00		0.81	
Augusta	4/27/2018	7:10	12.00		0.80	
Augusta	5/11/2018	7:00	17.00		0.96	

Augusta	6/22/2018	8:30	22.00			
Augusta	8/24/2018	7:00	19.00		1.29	
Augusta	9/7/2018	7:00	22.50		1.45	
Augusta	10/26/2018	7:00	9.00		1.97	
Augusta	11/9/2018	7:00	11.00		1.40	
Augusta	1/11/2019	7:05	2.00		2.22	
Augusta	2/8/2019	7:00	10.00		2.06	
Augusta	4/5/2019	7:00	11.00		1.77	
Augusta	5/10/2019	7:00	17.50		1.34	
Augusta	6/14/2019	8:00	16.00		1.54	
Augusta	9/13/2019	7:00	17.00		1.10	
Augusta	11/8/2019	7:00	3.00		1.40	
Augusta	10/18/2019	7:00	5.00		0.98	
Augusta	1/10/2020	7:00	1.00		1.32	
Augusta	2/21/2020	7:00	-2.00		1.58	
Augusta	3/6/2020	7:00	2.00		1.30	
Augusta	5/15/2020	7:00			0.91	
Augusta	6/5/2020	8:00	16.00		0.85	
Augusta	8/14/2020	7:00	17.00		1.33	
Augusta	9/18/2020	7:00	17.00		1.51	
Augusta	10/9/2020	7:00	13.00		1.26	
Augusta	11/6/2020	7:00	9.00		1.66	
Augusta	1/22/2021	7:00	3.00		2.12	
Augusta	2/26/2021	7:00	6.00		1.49	
Augusta	3/12/2021	7:00	11.00		1.95	
Augusta	4/9/2021	9:15	15.00			
Augusta	9/17/2021	7:00	20.00		1.12	
Augusta	10/8/2021	8:45	17.00		2.01	
Augusta	11/5/2021	7:10	6.00		1.21	

Augusta	12/3/2021	7:00	5.00		1.29	
Augusta	5/13/2022				0.82	
Augusta	9/16/2022	7:00	18.00		0.95	
Augusta	11/4/2022	7:15	11.00		0.36	
Augusta	1/12/2018	9:53	3.00		1.49	
Augusta	1/26/2018	10:08	2.00		1.19	
Augusta	2/9/2018	9:42	4.00		1.09	
Augusta	4/13/2018	9:43	13.00		0.93	
Augusta	4/27/2018	9:49	12.00		0.95	
Augusta	6/22/2018	9:26	20.00			
Augusta	7/13/2018	9:40	21.00		1.42	
Augusta	7/27/2018	9:38	23.00		1.45	
Augusta	8/10/2018	9:36	22.00		1.46	
Augusta	11/9/2018	9:38	11.00		1.50	
Augusta	11/30/2018	9:41	7.00		2.10	
Augusta	12/14/2018	9:42	5.00		2.06	

Augusta	1/11/2019	10:05	3.00		2.30	
Augusta	2/8/2019	10:03	11.00		2.20	
Augusta	4/5/2019	9:35	12.00		1.86	
Augusta	6/14/2019	9:55	12.00		1.72	
Augusta	7/12/2019	9:53	22.00		1.41	
Augusta	8/9/2019	9:45	21.00		1.34	
Augusta	9/13/2019	9:47	22.00		1.47	
Augusta	11/8/2019	9:55	9.00		1.60	
Augusta	1/10/2020	9:52	4.00		1.61	
Augusta	5/15/2020	10:11	16.00		1.19	
Augusta	9/18/2020	9:18	16.00		1.68	
Augusta	11/6/2020	9:47	11.00		1.70	
Augusta	1/22/2021	10:16	6.00		2.19	
Augusta	7/16/2021	9:34	23.00		0.85	
Augusta	10/8/2021	10:35	16.00		1.86	
Augusta	12/3/2021	9:48	6.00		1.44	

Augusta	3/4/2022	9:54			1.31	
Augusta	5/13/2022	9:46	20.00		1.06	
Augusta	8/5/2022	9:51	23.00		1.32	
Augusta	9/16/2022	9:51			1.61	
Augusta	1/26/2018	9:46	7.70		0.81	
Augusta	2/23/2018	9:42	11.10		0.76	
Augusta	3/9/2018	9:45	5.50		0.81	
Augusta	5/11/2018	9:06	17.20		0.93	
Augusta	6/8/2018	9:33	18.30		1.64	
Augusta	6/22/2018	9:39	21.10			
Augusta	7/13/2018	9:53	21.60		1.24	
Augusta	7/27/2018	9:26	21.60		1.23	
Augusta	8/10/2018	9:35	21.10		1.34	
Augusta	8/24/2018	9:48	18.30		1.24	
Augusta	9/7/2018	9:13	21.10		1.55	
Augusta	9/21/2018	8:53	20.00		1.77	

Augusta	11/9/2018	9:14	12.20		1.19	
Augusta	12/14/2018	9:27	6.10		1.85	
Augusta	1/11/2019	9:19	3.80		1.95	
Augusta	2/8/2019	9:24	10.50		1.91	
Augusta	4/5/2019	9:11	12.20		1.55	
Augusta	5/10/2019	8:50	17.70		1.25	
Augusta	6/14/2019	9:08	16.10		1.46	
Augusta	8/9/2019	9:02	21.50		1.10	
Augusta	9/13/2019	8:50	21.10		1.31	
Augusta	11/8/2019	9:02	8.80		1.37	
Augusta	1/10/2020	9:05	4.44		1.19	
Augusta	8/14/2020	9:02	21.10		1.13	
Augusta	9/18/2020	9:29	16.00		1.50	
Augusta	11/6/2020	9:35	11.10		1.36	
Augusta	2/9/2018	9:40	0.50		1.65	
Augusta	2/23/2018	9:35	8.00		1.34	
Augusta	3/9/2018	8:40	-5.00		1.41	

Augusta	4/13/2018	8:50	10.50		0.88	
Augusta	4/27/2018	8:40	11.00		1.16	
Augusta	5/11/2018	8:50	15.00		1.28	
Augusta	6/8/2018	8:20	16.00		2.04	
Augusta	6/22/2018	8:40	18.50			
Augusta	7/13/2018	8:45	20.50		1.54	
Augusta	7/27/2018	9:55	21.00		1.24	
Augusta	8/10/2018	8:55	20.00		1.47	
Augusta	8/24/2018	8:35	15.00		1.43	
Augusta	9/7/2018	9:15	21.00		1.70	
Augusta	9/21/2018	10:05	19.50		2.04	
Augusta	10/26/2018	9:20	17.00		2.24	
Augusta	11/9/2018	8:55	19.00		1.59	
Augusta	12/14/2018	9:25	2.50		2.05	
Augusta	1/11/2019	9:45	1.00		2.41	
Augusta	2/8/2019	8:55	9.50		2.18	

Augusta	4/5/2019	9:35	10.50		1.95	
Augusta	5/10/2019	9:10			0.82	
Augusta	6/14/2019	9:20	14.00		1.94	
Augusta	7/12/2019	9:45			1.57	
Augusta	9/13/2019	9:40	21.00		1.39	
Augusta	11/8/2019	9:25	5.00		1.57	
Augusta	1/10/2020	10:00			1.39	
Augusta	12/13/2019	9:40	0.00		0.85	
Augusta	3/6/2020	9:40	5.00		1.62	
Augusta	6/5/2020	10:15	19.50		1.35	
Augusta	7/17/2020	9:10	20.00		1.52	
Augusta	9/18/2020	9:25	14.00		1.94	
Augusta	10/9/2020	9:55	10.50		2.08	
Augusta	11/6/2020	8:35	7.50		2.09	
Augusta	1/22/2021	9:40	0.50		2.24	NitDilx10
Augusta	2/26/2021	9:30	4.50		1.93	

Augusta	3/12/2021	9:45	8.50		2.13	
Augusta	4/9/2021	9:35				
Augusta	7/16/2021	9:10	20.50		1.32	
Augusta	8/13/2021	9:00	22.50		0.85	
Augusta	9/17/2021	9:30	19.00		2.43	NitDilx10
Augusta	10/8/2021	9:15	15.50		2.30	NitDilx10
Augusta	11/5/2021	9:10	2.00		1.24	
Augusta	12/3/2021	9:15	3.50		1.15	
Augusta	2/11/2022	8:50	1.50		1.93	
Augusta	3/4/2022	8:45	3.50		1.32	
Augusta	5/13/2022	9:00	13.00		0.91	
Augusta	6/10/2022	9:15	15.50		1.28	
Augusta	8/5/2022	9:30	21.50		1.49	
Augusta	9/16/2022	9:20	16.50		1.31	
Augusta	11/4/2022	9:40	10.50		0.68	
Augusta	2/9/2018	9:55	0.50		2.90	
Augusta	2/23/2018	9:50	8.00		2.23	

Augusta	3/9/2018	8:55	-1.00		2.47	
Augusta	4/13/2018	9:05	10.00		1.63	
Augusta	4/27/2018	8:55	11.00		2.27	
Augusta	5/11/2018	9:05			2.10	
Augusta	6/8/2018	8:35	14.50		2.90	
Augusta	6/22/2018	8:55	17.00			
Augusta	7/13/2018	9:00	19.50		2.19	
Augusta	7/27/2018	10:10	20.00		1.75	
Augusta	8/10/2018	9:10	19.00		2.20	
Augusta	8/24/2018	8:50	14.00		2.12	
Augusta	9/7/2018	9:30	20.00		2.25	
Augusta	9/21/2018	10:20			2.87	
Augusta	10/26/2018	9:35	14.00		3.10	
Augusta	11/9/2018	9:10	15.00		2.88	
Augusta	12/14/2018	9:40	4.00		3.10	
Augusta	2/8/2019	9:10	9.50		3.15	
Augusta	4/5/2019	9:40	10.00		2.80	
Augusta	5/10/2019	9:25			2.54	
Augusta	6/14/2019	9:35	14.00		2.60	
Augusta	7/12/2019	10:00			2.22	
Augusta	9/13/2019	9:55	20.50		1.84	
Augusta	11/8/2019	9:40	4.00		2.37	

Augusta	12/13/2019	9:55	0.00		1.36	
Augusta	1/10/2020	10:15			2.18	
Augusta	3/6/2020	9:55	5.00		2.51	
Augusta	7/17/2020	9:25	20.00		1.96	
Augusta	9/18/2020	9:40	13.50		2.55	
Augusta	10/9/2020				2.92	
Augusta	11/6/2020	8:50	8.00		2.97	
Augusta	1/22/2021	9:55	1.00		3.16	NitDilx10
Augusta	2/26/2021	9:45	5.00		2.92	NitDilx10
Augusta	3/12/2021	10:00	9.00		2.97	NitDilx10
Augusta	4/9/2021	9:50				
Augusta	7/16/2021	9:25	20.00		1.83	
Augusta	8/13/2021	9:15	22.00		1.21	
Augusta	9/17/2021	9:45			2.10	
Augusta	10/8/2021	9:30	15.00		2.26	NitDilx10
Augusta	11/5/2021	9:25	0.50		2.06	
Augusta	12/3/2021	9:30	2.50		1.96	
Augusta	2/11/2022	9:05	1.50		3.23	NitDilx10
Augusta	3/4/2022	9:00	3.00		2.28	NitDilx10
Augusta	5/13/2022	9:15	12.50		1.71	
Augusta	6/10/2022	9:30	15.00		1.62	
Augusta	8/5/2022	9:45	21.50		1.55	
Augusta	9/16/2022	9:35	16.00		1.23	
Augusta	11/4/2022	9:50				
Augusta	2/9/2018	9:50	0.50		1.14	

Augusta	2/23/2018	9:45	8.50		0.91	
Augusta	3/9/2018	8:50	-0.50		0.95	
Augusta	4/13/2018	9:00	11.00		0.56	
Augusta	4/27/2018	10:50	11.00		0.61	
Augusta	5/11/2018	9:00	15.50		0.80	
Augusta	6/8/2018	8:30	16.50		1.08	
Augusta	6/22/2018	8:50	19.00			
Augusta	7/13/2018	8:55	21.50		1.05	
Augusta	7/27/2018	10:05	22.00		0.93	
Augusta	8/10/2018	9:05	21.00		1.10	
Augusta	8/24/2018	8:45	16.00		1.02	
Augusta	9/7/2018	9:25	22.00		1.44	
Augusta	9/21/2018	10:15			1.15	
Augusta	10/26/2018	9:30	17.00		1.38	
Augusta	11/9/2018	9:05	19.00		0.84	
Augusta	12/14/2018	9:35	1.50		1.17	
Augusta	2/8/2019	9:05	9.50		1.24	
Augusta	4/5/2019	9:35	10.50		1.00	
Augusta	5/10/2019	9:20			1.59	
Augusta	6/14/2019	9:30	15.00		1.19	
Augusta	7/12/2019	9:55			1.11	
Augusta	9/13/2019	9:50	21.50		1.15	

Augusta	11/8/2019	9:35	5.00		1.20	
Augusta	12/13/2019	9:50	0.50		0.75	
Augusta	1/10/2020	10:10			1.07	
Augusta	3/6/2020	9:50	4.60		0.97	
Augusta	7/17/2020	9:20	22.00		1.30	
Augusta	9/18/2020	9:35	14.00		1.18	
Augusta	10/9/2020	10:05			1.12	
Augusta	11/6/2020	8:45	7.50		1.13	
Augusta	1/22/2021	9:50	0.00		1.20	
Augusta	2/26/2021	9:40	4.00		0.87	
Augusta	3/12/2021	9:55	9.50		1.13	
Augusta	4/9/2021	9:45				
Augusta	7/16/2021	9:20	21.50		1.02	
Augusta	8/13/2021	9:10	23.00		0.68	
Augusta	9/17/2021	9:40			2.53	NitDilx10
Augusta	10/8/2021	9:25	16.00		2.27	NitDilx10
Augusta	11/5/2021	9:20	2.50		0.99	
Augusta	12/3/2021	9:25	3.50		0.94	
Augusta	2/11/2022	9:00	1.50		1.17	
Augusta	3/4/2022	8:55	4.00		0.82	
Augusta	5/13/2022	9:10	14.00		0.52	
Augusta	6/10/2022	9:25	16.50		1.01	

Augusta	8/5/2022				1.45	
Augusta	8/5/2022	9:40	21.50		1.45	
Augusta	9/16/2022	9:30	16.50		1.33	
Augusta	11/4/2022	9:50				
Augusta	1/12/2018	10:05	10.00		1.72	
Augusta	1/26/2018	10:09	10.00		1.69	
Augusta	2/9/2018	9:58	10.00		1.53	
Augusta	2/23/2018	9:58	10.00		1.64	
Augusta	3/9/2018	9:59	5.00		1.63	
Augusta	4/13/2018	9:57	10.00		1.22	
Augusta	4/27/2018	10:41	11.50		1.00	
Augusta	5/11/2018	10:00	15.00		1.27	
Augusta	6/8/2018	9:43	16.00		1.41	
Augusta	6/22/2018	9:47				
Augusta	7/13/2018	9:50	18.00		1.50	
Augusta	7/27/2018	9:40	18.00		1.46	
Augusta	8/10/2018	9:57	19.00		1.55	
Augusta	8/24/2018	9:49			1.47	
Augusta	9/7/2018	9:50	18.00		1.57	
Augusta	10/26/2018	9:56			1.91	
Augusta	11/9/2018	9:53	10.00		1.48	
Augusta	11/30/2018	9:55	8.50		1.62	
Augusta	12/14/2018	9:54	6.00		1.77	
Augusta	1/11/2019	9:56	5.00		1.76	
Augusta	2/8/2019	9:55	9.00		1.67	
Augusta	4/5/2019	9:55	9.50		1.44	
Augusta	5/10/2019	9:55	15.00		1.26	
Augusta	6/14/2019	9:57	13.50		1.54	

Augusta	7/12/2019	9:53			1.41	
Augusta	8/9/2019	9:00	17.00		1.61	
Augusta	9/13/2019	9:46	17.00		1.79	
Augusta	11/8/2019	9:55	6.50		1.83	
Augusta	10/18/2019	9:53	8.00		1.83	
Augusta	1/10/2020	9:54	6.00		1.55	
Augusta	12/13/2019	9:37	6.00		1.13	
Augusta	3/6/2020	9:54	7.00		1.55	
Augusta	5/15/2020	9:54	14.00		1.08	
Augusta	8/14/2020	9:47	17.00		0.77	
Augusta	7/17/2020	9:53	20.00		1.39	
Augusta	9/18/2020	9:53	15.00		1.51	
Augusta	10/9/2020	9:50	11.00		1.56	
Augusta	11/6/2020	9:53	11.00		1.47	
Augusta	1/22/2021	9:59			1.68	
Augusta	2/26/2021	10:01	6.00		1.13	
Augusta	3/12/2021	9:56			1.47	
Augusta	4/9/2021	9:15	11.00			
Augusta	6/18/2021	10:47	18.00		1.49	
Augusta	7/16/2021	9:49	19.00		1.53	
Augusta	8/13/2021	9:48	20.00		1.58	
Augusta	9/17/2021	9:36	16.50		1.66	
Augusta	10/8/2021	9:20	14.50		1.69	
Augusta	11/5/2021	9:58	5.00		1.67	
Augusta	12/3/2021	9:58	7.00		1.44	
Augusta	2/11/2022	9:52	5.00		1.56	
Augusta	3/4/2022	9:46	7.00		1.35	

Augusta	5/13/2022	9:51	14.00		0.81	
Augusta	6/10/2022	9:50	15.50		1.18	
Augusta	8/5/2022	9:53	20.00		1.25	
Augusta	9/16/2022	9:50	19.00		1.35	
Augusta	11/4/2022	9:50	11.00		1.44	
Augusta	1/12/2018	10:06	2.00		1.78	
Augusta	1/26/2018	10:20	3.00		1.85	
Augusta	2/9/2018	10:03	3.00		2.06	
Augusta	4/13/2018	9:59	13.00		1.49	
Augusta	4/27/2018	10:02	12.00		1.73	
Augusta	7/13/2018	9:58	21.00		1.92	
Augusta	7/27/2018	9:58	22.00		1.69	
Augusta	8/10/2018	9:47	20.00		1.54	
Augusta	11/9/2018	10:09	11.00		2.46	
Augusta	11/30/2018	9:46	7.00		2.67	
Augusta	12/14/2018	9:58	5.00		2.36	
Augusta	1/11/2019	10:20			2.89	
Augusta	2/8/2019	9:16			2.55	
Augusta	4/5/2019	9:46	14.00		2.43	
Augusta	6/14/2019	10:16	15.00		2.15	
Augusta	7/12/2019	10:09	24.00		1.48	
Augusta	8/9/2019	10:05	21.00		1.79	
Augusta	9/13/2019	10:04	21.00		1.84	
Augusta	11/8/2019	10:11	8.00		2.00	
Augusta	1/10/2020	10:06	4.00		2.07	
Augusta	5/15/2020	10:21	16.00		1.68	
Augusta	8/14/2020	10:04	21.00		1.92	
Augusta	9/18/2020	9:42	17.00		1.90	
Augusta	11/6/2020	10:05	12.00		2.16	

Augusta	1/22/2021	10:26	6.00		2.48	NitDilx10
Augusta	7/16/2021	9:49	22.00		0.99	
Augusta	10/8/2021	10:58	17.00		1.80	
Augusta	12/3/2021	10:09	8.00		1.74	
Augusta	3/4/2022	10:10			1.92	
Augusta	5/13/2022	9:58	15.00		1.69	
Augusta	9/16/2022	10:14	17.00		2.42	Nitilx10
Augusta	1/12/2018	7:15	6.00		0.73	
Augusta	1/26/2018	7:15	0.00		0.20	
Augusta	2/9/2018	7:05	2.00		0.28	
Augusta	3/9/2018	8:35	2.00		0.04	
Augusta	4/13/2018	7:15	10.00		0.04	
Augusta	4/27/2018	8:50	11.00		0.14	
Augusta	5/11/2018	7:28	15.00		0.04	
Augusta	6/8/2018	10:55	17.00		0.19	
Augusta	6/22/2018	7:55	19.00			
Augusta	7/13/2018	9:30	21.50		0.11	
Augusta	8/24/2018	7:48	16.00		0.13	

Augusta	9/21/2018	7:30	19.00		0.32	
Augusta	10/12/2018	10:15	15.00		0.24	
Augusta	10/26/2018	8:25	9.50		0.93	
Augusta	11/9/2018	8:30	11.00		0.17	
Augusta	11/30/2018	9:25	5.50		0.21	
Augusta	12/14/2018	10:00	4.00		0.16	
Augusta	1/11/2019	8:20	1.00		0.21	
Augusta	2/8/2019	8:25	8.00		0.15	
Augusta	1/26/2018	10:13	2.50		0.67	
Augusta	2/23/2018	9:40	12.00		0.83	
Augusta	4/27/2018	10:11	14.00		0.55	
Augusta	5/11/2018	10:10	17.00		0.76	
Augusta	6/22/2018	8:55	19.00			
Augusta	7/27/2018	9:41	18.50		0.88	
Augusta	8/24/2018	10:32	15.50		0.79	
Augusta	9/21/2018	9:57	19.00		0.49	

Augusta	11/30/2018	10:38			1.12	
Augusta	1/12/2018	9:25	3.00		1.84	
Augusta	1/26/2018	9:38	3.00		1.76	
Augusta	2/9/2018	9:13	2.00		2.20	
Augusta	4/13/2018	8:56	13.00		1.75	
Augusta	4/27/2018	9:24			1.79	
Augusta	6/22/2018	8:55	20.00			
Augusta	7/13/2018	9:25	22.00		1.84	
Augusta	7/27/2018	9:11	22.00		2.19	
Augusta	8/10/2018	9:08	20.00		2.92	
Augusta	11/9/2018	9:14	10.00		2.82	
Augusta	11/30/2018	9:16	7.00		3.62	
Augusta	12/14/2018	9:08	5.00		3.09	
Augusta	1/11/2019	9:36	3.00		3.63	
Augusta	2/8/2019	9:25	11.00		3.07	
Augusta	4/5/2019	9:06	12.00		2.82	

Augusta	6/14/2019	9:20	15.00		2.31	
Augusta	7/12/2019	9:20	24.00		2.37	
Augusta	8/9/2019	9:15	23.00		1.87	
Augusta	9/13/2019	9:10	22.00		1.93	
Augusta	11/8/2019	9:20	7.00		2.44	
Augusta	1/10/2020	9:29	4.00		2.36	
Augusta	5/15/2020	9:21	15.00		1.74	
Augusta	8/14/2020	9:25	21.00		1.76	
Augusta	9/18/2020	8:44	16.00		2.41	
Augusta	10/9/2020	9:26	13.00		2.36	
Augusta	11/6/2020	9:17	10.00		2.74	
Augusta	1/22/2021	9:42	5.00		3.11	NitDilx10
Augusta	7/16/2021	8:46	23.00		1.55	
Augusta	10/8/2021	10:08	16.00		1.52	
Augusta	12/3/2021	9:16	7.00		2.14	
Augusta	3/4/2022	9:18	5.00		2.62	NitDilx10

Augusta	5/13/2022		20.00		1.81	
Augusta	8/5/2022	9:19	25.00		1.90	
Augusta	9/16/2022	9:26	18.00		1.59	
Augusta	1/26/2018	9:51	2.00		1.17	
Augusta	2/9/2018	9:23	2.00		1.71	
Augusta	4/13/2018	9:24	13.00		1.13	
Augusta	4/27/2018	9:40			1.42	
Augusta	6/22/2018	9:08	21.00			
Augusta	7/13/2018	9:08	22.00		2.22	
Augusta	7/27/2018	9:22	22.00		1.32	
Augusta	8/10/2018	9:22	22.00		2.09	
Augusta	11/9/2018	9:25	7.00		1.80	
Augusta	11/30/2018	9:26			2.81	
Augusta	12/14/2018	9:22	4.00		2.45	
Augusta	1/11/2019	9:50	3.00		2.68	
Augusta	2/8/2019	9:37	11.00		2.27	

Augusta	4/5/2019	9:16	9.00		2.07	
Augusta	6/14/2019	9:34	16.00		2.01	
Augusta	7/12/2019	9:36	23.00		1.58	
Augusta	8/9/2019	9:25	23.00		1.43	
Augusta	9/13/2019	9:31	23.00		1.35	
Augusta	11/8/2019	9:40	7.00		1.76	
Augusta	1/10/2020	9:42	2.00		1.69	
Augusta	5/15/2020	9:41	16.00		1.16	
Augusta	8/14/2020	9:38	22.00		1.31	
Augusta	9/18/2020	8:59	15.00		1.88	
Augusta	11/6/2020	10:26	10.00		2.22	
Augusta	1/22/2021	9:56	4.00		2.55	NitDilx10
Augusta	7/16/2021	9:12	24.00		1.19	
Augusta	10/8/2021	10:11	16.00		2.32	NitDilx10
Augusta	12/3/2021	9:28	11.00		1.48	
Augusta	3/4/2022	9:36			1.93	

Augusta	5/13/2022	9:26	16.00		1.28	
Augusta	8/5/2022	9:34	24.00		1.22	
Augusta	9/16/2022	9:38	17.00		1.13	
Augusta	8/5/2022	10:10	23.00		1.96	
Augusta	1/26/2018	9:10	3.00		2.22	
Augusta	2/23/2018	8:58	11.00		2.09	
Augusta	4/27/2018	9:03	13.00		2.02	
Augusta	5/11/2018	8:31	15.00		2.05	
Augusta	6/22/2018	8:03	18.50			
Augusta	7/27/2018	8:38	18.00		2.37	
Augusta	8/24/2018	8:58	15.00		2.61	
Augusta	9/21/2018	8:55	18.00		2.78	
Augusta	11/30/2018	9:31	6.00		3.23	
Augusta	1/26/2018	10:15	2.70		1.14	
Augusta	2/23/2018	10:09	10.00		0.70	
Augusta	3/9/2018	10:10	3.30		1.00	
Augusta	5/11/2018	9:35	17.80		1.69	
Augusta	6/8/2018	10:14	18.30		3.23	
Augusta	6/22/2018	10:10	19.40			
Augusta	7/13/2018	10:20	21.10		2.89	

Augusta	7/27/2018	10:02	21.10		2.59	
Augusta	8/10/2018	10:02	20.00		2.99	
Augusta	8/24/2018	10:38	17.70		2.75	
Augusta	9/7/2018	9:39	20.50		3.39	
Augusta	11/9/2018	9:42	10.00		2.77	
Augusta	12/14/2018	9:52	5.50		3.66	
Augusta	1/11/2019	9:51	2.70		3.76	
Augusta	2/8/2019	9:51	10.00		3.65	
Augusta	4/5/2019	9:40	11.10		3.03	
Augusta	5/10/2019	8:11	17.20		2.64	
Augusta	6/14/2019	9:41	15.00		2.84	
Augusta	8/9/2019	9:34	20.50		2.43	
Augusta	9/13/2019	9:24	20.00		3.00	
Augusta	11/8/2019	9:35	7.70		2.95	
Augusta	1/10/2020	9:37	4.44		2.70	
Augusta	8/14/2020	9:32	21.10		2.61	
Augusta	9/18/2020	10:07	16.70		3.03	

Augusta	11/6/2020	10:05	11.60		2.79	
Augusta	1/12/2018	8:10	7.00		1.00	
Augusta	1/26/2018	8:05	3.00		0.98	
Augusta	2/23/2018	8:25	8.00		0.70	
Augusta	3/9/2018	8:28	3.50		0.83	
Augusta	4/13/2018	6:28	11.00		0.75	
Augusta	6/8/2018	8:53	15.00		1.39	
Augusta	6/22/2018	9:09	17.00			
Augusta	7/13/2018	7:44	17.00		1.47	
Augusta	7/27/2018	8:00	17.00		1.39	
Augusta	8/10/2018	8:03	15.00		1.40	
Augusta	8/24/2018	8:21	15.00		1.50	
Augusta	9/21/2018	8:20	17.00		1.81	
Augusta	10/26/2018	8:56	10.00		1.81	
Augusta	11/9/2018	9:57	11.00		0.95	
Augusta	11/30/2018	7:55	7.00		1.39	

Augusta	4/5/2019	8:12	10.00		1.37	
Augusta	5/10/2019	8:28	15.00		0.90	
Augusta	6/14/2019	7:01	14.00		1.28	
Augusta	7/12/2019	7:45	18.00		1.25	
Augusta	8/9/2019	8:46	18.00		1.44	
Augusta	11/8/2019	8:25	8.00		1.36	
Augusta	10/18/2019	8:22	10.00		1.14	
Augusta	1/10/2020	8:47	6.00		1.04	
Augusta	2/21/2020	8:48	3.00		1.20	
Augusta	3/6/2020	7:23	5.00		1.15	
Augusta	5/15/2020	7:35	12.00		0.81	
Augusta	8/14/2020	9:00	20.00		0.66	
Augusta	7/17/2020	8:56	18.00		1.23	
Augusta	9/18/2020	8:32	14.00		1.52	
Augusta	10/9/2020	8:42	11.00		1.31	
Augusta	11/6/2020	7:44	9.00		1.15	

Augusta	1/22/2021	8:25	4.00		1.69	
Augusta	2/26/2021	8:43	4.50		0.68	
Augusta	3/12/2021	7:54	9.00		1.58	
Augusta	4/9/2021	7:40	12.00			
Augusta	6/18/2021				1.05	
Augusta	6/18/2021	7:24	14.00		1.05	
Augusta	7/16/2021	8:35	19.50		0.97	
Augusta	8/13/2021	8:47	20.00		0.93	
Augusta	9/17/2021	8:55	17.00		1.44	
Augusta	10/8/2021	8:16	15.00		1.57	
Augusta	11/5/2021	8:07	6.50		1.50	
Augusta	12/3/2021	7:42	7.00		1.43	
Augusta	2/11/2022	7:50	4.00		1.27	
Augusta	3/4/2022	7:37	5.00		0.93	

Augusta	5/13/2022	7:24	13.00		0.60	
Augusta	8/5/2022	8:40	19.00		1.15	
Augusta	7/15/2022	7:30	17.50		1.14	
Augusta	9/16/2022	7:38	15.00		1.37	
Augusta	10/7/2022	7:43	11.00		1.19	
Augusta	11/4/2022	8:00	10.00		0.92	
Rockingham	1/12/2018	10:05	18.00		2.43	
Rockingham	2/9/2018	8:40	4.00		1.38	
Rockingham	2/23/2018	10:45	25.00		1.34	
Rockingham	3/9/2018	10:30			1.86	
Rockingham	4/27/2018	10:15	8.00		0.75	
Rockingham	5/11/2018	10:50	13.00		1.18	
Rockingham	7/27/2018	8:37			3.50	
Rockingham	8/10/2018	8:20			2.27	
Rockingham	9/7/2018	9:32			2.96	
Rockingham	9/21/2018	7:30			1.67	

Rockingham	10/12/2018	8:50			3.54	
Rockingham	10/26/2018	9:15			4.17	
Rockingham	11/9/2018	8:35			1.81	
Rockingham	11/30/2018	10:07			3.15	
Rockingham	2/8/2019	11:05			4.23	
Rockingham	4/5/2019	10:00	13.00		3.48	
Rockingham	5/10/2019	10:22	14.00		2.12	
Rockingham	6/14/2019	9:35	17.00		2.74	
Rockingham	8/9/2019	7:40			2.20	
Rockingham	9/13/2019	9:50			2.12	
Rockingham	11/8/2019	9:30			2.08	
Rockingham	10/18/2019	9:00			2.45	
Rockingham	1/10/2020	9:52			2.07	
Rockingham	2/21/2020	9:52			2.34	
Rockingham	5/15/2020	8:45	15.00		1.79	
Rockingham	6/5/2020	9:30	21.00		1.43	
Rockingham	7/17/2020	8:40	23.00		1.93	

Rockingham	8/14/2020	10:07			1.55	
Rockingham	9/18/2020	9:15			3.02	
Rockingham	11/6/2020	8:50	7.00		1.93	
Rockingham	1/22/2021	9:15			4.10	NitDilx10
Rockingham	2/26/2021	8:30	7.00		2.16	
Rockingham	6/18/2021				1.25	
Augusta	1/12/2018	10:25	7.00		0.12	
Augusta	2/23/2018	9:50	6.50		0.17	
Augusta	3/9/2018	10:15	4.00		0.12	
Augusta	4/13/2018	8:00	7.00		0.10	
Augusta	4/27/2018	9:00			0.14	
Augusta	5/11/2018	11:00	13.00		0.07	
Augusta	6/8/2018	8:25	13.00		0.08	
Augusta	6/22/2018	8:45	15.00			
Augusta	7/13/2018	8:05	15.00		0.07	
Augusta	7/27/2018	9:30	17.00		0.15	

Augusta	8/10/2018	10:00	16.00		0.10	
Augusta	9/7/2018	10:00	17.00		0.12	
Augusta	9/21/2018	10:30	16.50		0.15	
Augusta	10/12/2018	10:15	14.00		0.16	
Augusta	10/26/2018	10:30	10.00		0.11	
Augusta	11/30/2018	10:00	7.00		0.21	
Augusta	1/11/2019	11:20	4.00		0.20	
Augusta	2/8/2019	10:30	6.00		0.21	
Augusta	4/5/2019	10:00	6.00		0.21	
Augusta	6/14/2019	10:20	13.00		0.30	
Augusta	8/9/2019	10:15			0.20	
Augusta	11/8/2019	10:00	9.00		0.29	
Augusta	10/18/2019	8:30	9.00		0.25	
Augusta	1/10/2020	10:00	5.00		0.17	
Augusta	2/21/2020	10:00	4.00		0.15	
Augusta	2/7/2020	9:40	7.00		0.16	
Augusta	3/6/2020	11:45	6.00		0.13	

Augusta	5/15/2020	8:45	10.00		0.09	
Augusta	6/5/2020	10:00	14.00		0.10	
Augusta	7/17/2020	11:00	18.00		0.13	
Augusta	8/14/2020	9:30	17.00		0.24	
Augusta	9/18/2020	9:15	15.00		0.14	
Augusta	10/9/2020	9:45	11.00		0.15	
Augusta	11/6/2020	9:10	10.00		0.18	
Augusta	1/22/2021	10:00	3.00		0.22	
Augusta	3/12/2021	8:30	6.00		0.24	
Augusta	4/9/2021	9:30	9.00			
Augusta	6/18/2021	8:30	12.00		0.33	
Augusta	7/16/2021	9:30	16.00		0.21	
Augusta	8/13/2021	7:30	19.00		0.21	

Augusta	9/17/2021	8:30	17.00		0.19	
Augusta	10/8/2021	11:00	14.50		0.21	
Augusta	11/5/2021	10:40	8.00		0.15	
Augusta	3/4/2022	8:30	4.00		0.15	
Augusta	6/10/2022	9:10	13.00		0.12	
Augusta	8/5/2022	9:45	18.00		0.19	
Augusta	9/16/2022	10:00	14.00		0.20	
Augusta	1/12/2018	8:27	4.00		0.78	
Augusta	1/26/2018	8:22	1.00		0.88	
Augusta	2/23/2018	8:41	9.00		0.86	
Augusta	3/9/2018	8:47	3.50		0.87	
Augusta	4/13/2018	6:40	11.00		0.65	
Augusta	6/8/2018	9:09	16.00		1.47	
Augusta	6/22/2018	9:37	19.00			
Augusta	7/13/2018	8:02	18.00		1.20	
Augusta	7/27/2018	8:07	18.00		1.22	
Augusta	8/10/2018	8:12	18.00		1.03	
Augusta	8/24/2018	8:41	16.00		0.98	
Augusta	10/26/2018	9:12	10.00		1.64	
Augusta	11/9/2018	10:07	10.50		1.07	

Augusta	11/30/2018	8:15	6.00		1.63	
Augusta	4/5/2019	8:20	11.00		1.43	
Augusta	5/10/2019	8:37	14.00		1.25	
Augusta	6/14/2019	7:14	15.00		1.48	
Augusta	7/12/2019	8:04	19.00		1.43	
Augusta	8/9/2019	9:10	19.00		1.08	
Augusta	11/8/2019	8:46	7.50		1.29	
Augusta	10/18/2019	8:43	9.00		1.08	
Augusta	1/10/2020	9:12	4.00		1.14	
Augusta	2/21/2020	9:05	3.00		1.38	
Augusta	3/6/2020	7:42	6.00		1.06	
Augusta	5/15/2020	7:48	13.00		0.87	
Augusta	7/17/2020	9:23	21.00		1.39	
Augusta	9/18/2020	8:52	15.00		1.49	
Augusta	10/9/2020	9:00	11.00		1.39	
Augusta	1/22/2021	8:48	5.00		1.68	
Augusta	3/12/2021	8:14	10.00		1.58	
Augusta	4/9/2021	8:00	13.50			
Augusta	6/18/2021	8:44	15.50		1.10	
Augusta	7/16/2021	8:54	19.00		0.88	
Augusta	8/13/2021	8:05	21.00		0.97	
Augusta	9/17/2021	9:14			1.94	
Augusta	10/8/2021	8:35	16.00		1.81	
Augusta	11/5/2021	8:22	6.50		0.97	

Augusta	12/3/2021	7:59	7.00		1.06	
Augusta	2/11/2022	8:08	4.00		1.40	
Augusta	3/4/2022	8:01	4.00		0.90	
Augusta	5/13/2022	7:47	14.00		0.68	
Augusta	7/15/2022	7:52	19.00		1.20	
Augusta	8/5/2022	9:00	20.00		1.22	
Augusta	9/16/2022	7:58	15.00		1.07	
Augusta	10/7/2022	8:03	11.00		1.09	
Augusta	11/4/2022	8:16	10.00		0.68	
Augusta	1/12/2018	8:19	7.00		0.74	
Augusta	2/23/2018	8:33	8.00		0.59	
Augusta	3/9/2018	8:37	3.50		0.59	
Augusta	4/13/2018	6:37	11.00		0.48	
Augusta	6/8/2018	9:01	14.00		1.37	
Augusta	6/22/2018	9:29	16.00			
Augusta	7/13/2018	7:52	14.00		1.42	
Augusta	7/27/2018	8:16	16.00		1.23	
Augusta	8/10/2018	7:52	17.00		1.24	
Augusta	8/24/2018	8:33	13.00		1.38	
Augusta	9/21/2018	8:45	17.00		1.58	
Augusta	11/9/2018	9:48	10.00		1.39	

Augusta	11/30/2018	8:06	8.00		1.59	
Augusta	4/5/2019	8:02	10.00		1.55	
Augusta	5/10/2019	8:46	16.00		1.36	
Augusta	6/14/2019	7:07	14.00		1.27	
Augusta	7/12/2019	7:54	17.00		1.12	
Augusta	8/9/2019	9:01	14.00		1.18	
Augusta	11/8/2019	8:36	7.50		0.90	
Augusta	10/18/2019	8:33	9.00		0.92	
Augusta	1/10/2020	9:00	5.00		0.80	
Augusta	2/21/2020	8:56	3.00		1.17	
Augusta	3/6/2020	7:32	5.50		0.98	
Augusta	5/15/2020	7:42	12.00		0.81	
Augusta	8/14/2020	9:08	17.00		1.45	
Augusta	7/17/2020	9:12	17.50		1.10	
Augusta	9/18/2020	8:41	14.00		1.59	
Augusta	10/9/2020	8:51	10.00		1.28	
Augusta	11/6/2020	7:54	9.50		1.16	
Augusta	1/22/2021	8:37	4.00		1.65	
Augusta	2/26/2021	8:55	5.00		0.88	
Augusta	3/12/2021	8:04	9.00		1.66	
Augusta	4/9/2021	7:49	12.00			
Augusta	6/18/2021	7:33	12.00		0.95	
Augusta	7/16/2021	8:45	17.50		0.88	
Augusta	8/13/2021	7:53	18.00		0.82	
Augusta	9/17/2021	9:04	16.00		1.04	
Augusta	10/8/2021	8:25	14.00		1.35	
Augusta	11/5/2021	8:15	6.00		1.12	

Augusta	12/3/2021	7:50	6.60		0.97	
Augusta	2/11/2022	8:00	3.00		1.19	
Augusta	3/4/2022	7:47	4.00		0.92	
Augusta	5/13/2022	7:37	13.00		0.72	
Augusta	8/5/2022	8:50	18.00		0.96	
Augusta	7/15/2022	7:42	16.00		1.02	
Augusta	9/16/2022	7:49	14.50		1.00	
Augusta	10/7/2022	7:53	10.00		0.97	
Augusta	11/4/2022	8:09	10.00		0.73	
Augusta	1/26/2018	7:34	3.00		1.91	
Augusta	2/9/2018	7:32	2.00		2.37	
Augusta	2/23/2018	7:34	10.00		2.05	
Augusta	4/13/2018	9:22	12.00		1.92	
Augusta	4/27/2018	7:38	12.00		1.85	
Augusta	5/11/2018	7:34	15.00		2.04	
Augusta	6/22/2018	9:05	19.00			
Augusta	8/24/2018	7:25	16.00		3.07	
Augusta	9/7/2018	7:35	19.00		3.18	
Augusta	10/26/2018	7:35	9.00		3.68	

Augusta	11/9/2018	7:35	11.00		3.28	
Augusta	1/11/2019	7:35	3.00		3.87	
Augusta	2/8/2019	7:35	10.00		3.63	
Augusta	4/5/2019	7:35	10.00		3.39	
Augusta	5/10/2019	7:35	15.00		3.14	
Augusta	6/14/2019	8:35	13.00		3.17	
Augusta	9/13/2019	7:35	18.00		2.86	
Augusta	11/8/2019	7:35	3.00		2.70	
Augusta	10/18/2019	7:35	4.00		2.74	
Augusta	1/10/2020	7:35	-2.00		2.71	
Augusta	2/21/2020	7:20	-2.00		3.11	
Augusta	3/6/2020	7:35	1.00		2.59	
Augusta	5/15/2020	7:35			2.27	
Augusta	6/5/2020	8:20	13.00		2.47	
Augusta	8/14/2020	8:35	13.00		3.13	
Augusta	9/18/2020	7:35	15.00		3.07	
Augusta	10/9/2020	7:35	12.00		3.09	

Augusta	11/6/2020	7:35	9.00		2.96	
Augusta	1/22/2021	8:35	4.00		3.43	NitDilx10
Augusta	2/26/2021	7:35			2.84	NitDilx10
Augusta	3/12/2021	7:35	11.00		3.12	NitDilx10
Augusta	4/9/2021	9:50	14.00			
Augusta	9/17/2021	8:35	18.00		3.64	NitDilx10
Augusta	10/8/2021	9:25	16.00		3.16	NitDilx10
Augusta	11/5/2021	7:40	6.00		2.93	NitDilx10
Augusta	12/3/2021	7:35	7.00		3.07	NitDilx10
Augusta	5/13/2022				2.30	NitDilx10
Augusta	9/16/2022	7:35	14.00		2.30	NitDilx10
Augusta	11/4/2022	7:45	10.00		1.73	
Rockingham	1/12/2018	6:52	3.00		5.60	
Rockingham	1/26/2018	6:38	3.00		2.79	
Rockingham	2/23/2018	7:05	9.00		3.12	
Rockingham	3/9/2018	6:53	3.00		4.67	
Rockingham	4/13/2018	6:53	11.00		2.82	
Rockingham	4/27/2018	6:58	12.00		2.69	
Rockingham	5/11/2018	7:15	15.00		3.04	

Rockingham	6/22/2018	6:49	19.00			
Rockingham	7/13/2018	6:45	18.00		9.27	
Rockingham	7/27/2018	6:55	19.00		6.99	
Rockingham	8/10/2018	6:43	18.00		6.85	
Rockingham	9/7/2018	6:55	19.00		6.75	
Rockingham	10/26/2018	7:59	9.00		8.01	
Rockingham	1/11/2019	7:02	5.00		8.70	
Rockingham	2/8/2019	7:20	9.00		8.50	
Rockingham	4/5/2019	7:08	10.00		7.18	
Rockingham	5/10/2019	6:45	16.00		5.85	
Rockingham	6/14/2019	6:26	14.00		6.85	
Rockingham	7/12/2019	7:05	19.00		2.75	
Rockingham	9/13/2019	6:50	20.00		5.79	
Rockingham	1/10/2020	8:30			4.49	
Rockingham	2/21/2020	6:53			5.77	
Rockingham	3/6/2020	6:37	7.00		4.85	
Rockingham	6/5/2020	7:50	19.00		4.64	
Rockingham	7/17/2020	7:45	19.00		4.85	
Rockingham	8/14/2020	7:40	20.00		4.89	
Rockingham	9/18/2020	7:15	15.00		5.92	
Rockingham	2/26/2021	7:14	5.00		4.76	NitDilx10
Rockingham	3/12/2021	6:59	11.00		7.24	NitDilx10
Rockingham	4/9/2021	8:25	14.00			
Rockingham	7/16/2021	7:15	19.00		4.46	NitDilx10
Rockingham	9/17/2021	6:55	19.00		7.88	NitDilx10
Rockingham	11/5/2021	7:28	9.00		5.90	NitDilx10
Rockingham	12/3/2021	7:50	9.00		6.25	NitDilx10
Rockingham	2/11/2022	7:45	4.00		5.54	NitDilx10
Rockingham	3/4/2022	7:17	6.00		4.40	NitDilx10
Rockingham	5/13/2022	8:16	15.00		3.18	NitDilx10
Rockingham	6/10/2022	7:12	17.00		4.48	NitDilx10

Rockingham	8/5/2022	7:58	19.00		5.52	Dilx10
Rockingham	9/16/2022	7:51	16.00		3.27	NitDilx10
Rockingham	2/23/2018	7:17	6.00		0.68	
Rockingham	3/9/2018	6:43	3.00		0.80	
Rockingham	4/13/2018	6:40	8.00		0.57	
Rockingham	4/27/2018	6:45	9.00		0.43	
Rockingham	5/11/2018	7:03	12.00		0.39	
Rockingham	6/22/2018	6:29	17.00			
Rockingham	7/13/2018	6:25	18.00		7.72	
Rockingham	7/27/2018	6:40	18.00		1.65	
Rockingham	8/10/2018	6:30			0.53	
Rockingham	9/7/2018	6:40	19.00		0.84	
Rockingham	9/21/2018	7:10	17.00		0.46	
Rockingham	10/26/2018	7:48	10.00		2.33	
Rockingham	11/30/2018	6:55	5.00		0.92	
Rockingham	1/11/2019	6:44	4.00		1.10	
Rockingham	2/8/2019	7:09	6.00		1.41	

Rockingham	4/5/2019	6:52	7.00		1.06	
Rockingham	7/12/2019	6:52	17.00		0.76	
Rockingham	2/21/2020	6:35			0.84	
Rockingham	6/5/2020	7:30	15.00		0.37	
Rockingham	8/14/2020	7:14	20.00		0.78	
Rockingham	2/26/2021	6:52	5.00		0.79	
Rockingham	3/12/2021	6:37	7.00		1.12	
Rockingham	4/9/2021	8:10	11.00			
Rockingham	11/5/2021	7:10	9.00		0.70	
Rockingham	2/11/2022	7:30	3.00		0.71	
Rockingham	3/4/2022	7:04	3.00		0.58	
Rockingham	5/13/2022	8:01	12.00		0.40	
Rockingham	6/10/2022	6:59	15.00		0.47	
Rockingham	8/5/2022	7:18				

Rockingham	9/16/2022	7:34			0.82	
Rockingham	1/12/2018	10:03	4.00		2.04	
Rockingham	1/26/2018	11:35	14.50		1.61	
Rockingham	2/9/2018	10:15	3.00		1.26	
Rockingham	3/9/2018	10:30	4.00		1.87	
Rockingham	6/22/2018	11:25	20.00			
Rockingham	7/13/2018	7:55	19.00		5.40	
Rockingham	8/24/2018	9:45	16.00		2.90	
Rockingham	9/21/2018	11:00	18.50		1.53	
Rockingham	10/12/2018	11:10	15.00		4.02	
Rockingham	11/9/2018	11:45	10.00		2.05	
Rockingham	2/8/2019	9:52	9.50		5.00	
Rockingham	4/5/2019	10:20	11.00		4.12	
Rockingham	5/10/2019	9:35	16.00		2.48	
Rockingham	6/14/2019	9:30	15.00		3.19	
Rockingham	8/9/2019	9:40	21.00		2.29	
Rockingham	9/13/2019	10:55	21.00		2.50	
Rockingham	1/10/2020	9:45	4.00		2.10	
Rockingham	2/21/2020	11:00	4.00		2.55	
Rockingham	6/5/2020	9:44	20.00		1.70	
Rockingham	7/17/2020	10:30	24.00		5.79	
Rockingham	9/18/2020	11:15	15.00		3.15	
Rockingham	11/6/2020	11:05	12.00		2.04	
Rockingham	2/26/2021	10:42	6.00		2.28	NitDilx10
Rockingham	4/9/2021	10:50	15.00			
Rockingham	8/13/2021	10:20	23.00		1.69	
Rockingham	12/3/2021	11:20	8.00		3.24	NitDilx10

Rockingham	1/12/2018	10:17	2.00		4.18	
Rockingham	1/26/2018	12:00	14.50		4.27	
Rockingham	2/9/2018	11:03	4.00		4.26	
Rockingham	3/9/2018	10:50	4.50		6.00	
Rockingham	6/22/2018	11:20	18.00			
Rockingham	8/24/2018	10:20	17.00		5.21	
Rockingham	9/21/2018	11:25	19.50		5.91	
Rockingham	10/12/2018	11:40	15.00		5.18	
Rockingham	11/9/2018	12:00	11.00		6.65	
Rockingham	2/8/2019	10:15	10.00		7.48	
Rockingham	4/5/2019	10:30	10.00		6.66	
Rockingham	5/10/2019	9:40	16.00		5.76	
Rockingham	6/14/2019	10:00	15.00		5.69	
Rockingham	8/9/2019	10:15	19.00		4.93	
Rockingham	9/13/2019	11:20	19.00		5.34	

Rockingham	1/10/2020	10:05	5.00		4.92	
Rockingham	2/21/2020	11:00	4.00		6.03	
Rockingham	6/5/2020	10:15	20.00		4.46	
Rockingham	7/17/2020	10:50	20.00		2.16	
Rockingham	9/18/2020	11:20	16.00		5.23	
Rockingham	11/6/2020	10:50	10.00		5.70	
Rockingham	2/26/2021	11:05	8.00		6.53	NitDilx10
Rockingham	4/9/2021	11:10	13.00			
Rockingham	8/13/2021	10:40	19.00		6.66	NitDilx10
Rockingham	12/3/2021	11:30	8.00		6.11	NitDilx10
Rockingham	1/12/2018	10:30	7.00		1.98	
Rockingham	1/26/2018	12:15	5.50		2.15	
Rockingham	2/9/2018	11:15	3.00		1.48	
Rockingham	3/9/2018	11:05	6.00		1.99	
Rockingham	6/22/2018	11:35	19.00			
Rockingham	7/13/2018	8:10	20.00		4.57	
Rockingham	8/24/2018	10:30	17.00		2.53	
Rockingham	9/21/2018	11:40	18.50		1.55	
Rockingham	10/12/2018	11:55	16.00		3.83	

Rockingham	11/9/2018	12:10	10.00		1.92	
Rockingham	2/8/2019	10:32	9.50		4.56	
Rockingham	4/5/2019	10:45	11.00		3.74	
Rockingham	5/10/2019	10:05	17.00		2.21	
Rockingham	6/14/2019	10:20	16.00		2.94	
Rockingham	8/9/2019	10:30	23.00		2.36	
Rockingham	9/13/2019	11:35	21.50		2.35	
Rockingham	1/10/2020	10:15	5.00		2.33	
Rockingham	2/21/2020	11:20	5.00		2.49	
Rockingham	6/5/2020	10:25	20.00		1.53	
Rockingham	7/17/2020	10:58	24.00		1.92	
Rockingham	9/18/2020	11:38	16.00		3.49	
Rockingham	11/6/2020	10:40	11.00		2.16	
Rockingham	2/26/2021	11:20	7.00		2.16	
Rockingham	4/9/2021	11:15	15.00			
Rockingham	8/13/2021	11:05	24.00		1.99	
Rockingham	12/3/2021	11:40	8.00		3.10	NitDilx10
Rockingham	2/9/2018		1.00		3.69	
Rockingham	2/23/2018		25.00		1.91	
Rockingham	3/9/2018	10:45			2.10	
Rockingham	4/27/2018	10:45	8.00		1.36	
Rockingham	5/11/2018	11:08	15.00		0.96	
Rockingham	7/27/2018	9:00			1.67	
Rockingham	8/10/2018				1.98	
Rockingham	9/7/2018	9:50			2.36	
Rockingham	9/21/2018	10:05			3.12	
Rockingham	10/12/2018	9:10			2.50	
Rockingham	10/26/2018	9:32			2.69	
Rockingham	11/9/2018	8:50			2.54	

Rockingham	11/30/2018	10:23			3.32	
Rockingham	2/8/2019	11:20			3.08	
Rockingham	4/5/2019	10:20	10.00		2.81	
Rockingham	5/10/2019	10:35	15.00		2.17	
Rockingham	6/14/2019	10:00	17.00		1.76	
Rockingham	8/9/2019	10:00			1.15	
Rockingham	9/13/2019	10:08			1.18	
Rockingham	11/8/2019	9:46			1.35	
Rockingham	10/18/2019	9:20			0.77	
Rockingham	1/10/2020	10:05			1.37	
Rockingham	2/21/2020	10:09			2.52	
Rockingham	5/15/2020	9:00	12.00		1.18	
Rockingham	6/5/2020	9:45	23.00		1.17	
Rockingham	8/14/2020	10:27			2.09	
Rockingham	7/17/2020	9:05	23.00		0.83	
Rockingham	9/18/2020	9:30			1.69	
Rockingham	11/6/2020	9:10	5.00		1.90	
Rockingham	1/22/2021	9:30			2.87	NitDilx10
Rockingham	2/26/2021	9:10	6.00		2.91	NitDilx10
Rockingham	6/18/2021				1.26	
Loudoun	1/12/2021	8:35			1.41	
Loudoun	1/5/2021	8:14			1.17	
Loudoun	12/28/2020	8:20			1.40	

Loudoun	12/21/2020	8:52		1.16	
Loudoun	1/5/2021	8:38		1.29	
Loudoun	12/28/2020	8:51		1.45	
Loudoun	12/21/2020	9:23		1.08	
Loudoun	1/12/2021	8:58		1.40	
Loudoun	12/28/2020	9:25		1.66	
Loudoun	1/12/2021	9:17		1.66	

Loudoun	12/21/2020	10:00		1.45	
Loudoun	1/5/2021	9:12		1.23	
Loudoun	12/21/2020	10:42		0.71	
Loudoun	1/12/2021	9:45		0.90	
Loudoun	12/28/2020	9:59		0.84	

Loudoun	1/5/2021	10:31		0.53	
Loudoun	12/28/2020	10:29		0.59	
Loudoun	12/21/2020	11:00		0.44	
Loudoun	1/12/2021	10:01			

Loudoun	1/12/2021	10:00		0.47	
Loudoun	1/12/2021	10:19		1.03	
Loudoun	12/28/2020	10:58		0.92	
Loudoun	1/5/2021	10:53		0.89	

Loudoun	12/21/2020	11:23		0.77	
Loudoun	12/21/2020	12:13		1.15	
Loudoun	1/12/2021	10:47		1.45	
Loudoun	1/5/2021	11:22		1.35	
Loudoun	12/28/2020	11:44			
Loudoun	12/28/2020	11:43		1.49	

Loudoun	12/21/2020	12:43		1.36	
Loudoun	12/28/2020	12:11		1.40	
Loudoun	1/5/2021	11:39		1.18	
Loudoun	1/12/2021	11:03		1.38	
Loudoun	1/5/2021	11:38		0.95	
Loudoun	1/12/2021	11:38		1.75	

Loudoun	1/5/2021	12:38		1.54	
Loudoun	12/28/2020	12:53		1.67	
Loudoun	1/5/2021	12:59		1.47	
Loudoun	12/21/2020	13:24		1.27	
Loudoun	1/12/2021	11:56		1.69	

Loudoun	1/12/2021	12:30		1.76	
Loudoun	12/21/2020	13:52		1.22	
Loudoun	12/28/2020	13:14		1.77	
Loudoun	1/5/2021	14:10		0.96	

Loudoun	1/5/2021	14:22		1.38	
Loudoun	12/28/2020	13:30		1.58	
Loudoun	12/21/2020	14:10		1.35	
Loudoun	1/12/2021	12:43		1.50	
Loudoun	12/28/2020	13:50		1.00	

Loudoun	12/21/2020	14:33		1.36	
Loudoun	12/21/2020	13:04		1.76	
Loudoun	12/28/2020	12:32		1.07	
Loudoun	1/12/2021	11:24		1.08	

Loudoun	1/5/2021	13:45				
Loudoun	1/12/2021	12:10				
Loudoun	6/14/2021	11:38	22.00			
Loudoun	9/8/2021	9:41	19.00			

Loudoun	6/14/2021	12:22				
Loudoun	9/8/2021	9:28				
Loudoun	6/14/2021	12:02	22.10			
Loudoun	9/8/2021	9:11	18.50			
Loudoun	10/6/2021	13:35				

Rockingham	1/12/2018	7:40	7.50		2.43	
Rockingham	1/26/2018	7:40	8.00		2.46	
Rockingham	2/9/2018	7:40	7.50		5.56	
Rockingham	2/23/2018	7:30	11.50		3.47	
Rockingham	3/9/2018	7:40	8.50		4.65	
Rockingham	4/13/2018	8:10	12.50		2.59	
Rockingham	4/27/2018	7:30	12.50		3.48	
Rockingham	6/8/2018	10:35	15.20		4.71	
Rockingham	7/13/2018	8:00	21.00		5.46	
Rockingham	7/27/2018	8:00	20.50		5.41	
Rockingham	8/10/2018	7:50	19.50		4.54	
Rockingham	8/24/2018	8:00	18.00		4.91	
Rockingham	9/7/2018	9:06	22.00		4.71	
Rockingham	9/21/2018	8:50	19.00		4.84	
Rockingham	10/12/2018	8:30	18.50		4.77	
Rockingham	10/26/2018	8:20	13.00		5.49	
Rockingham	11/9/2018	8:30	12.00		5.07	
Rockingham	11/30/2018	8:40	8.00		5.81	
Rockingham	12/14/2018	8:50	6.50		5.63	
Rockingham	1/11/2019	8:50	8.50		6.15	
Rockingham	2/8/2019	11:12			5.85	
Rockingham	4/5/2019	8:20	11.00		4.78	
Rockingham	6/14/2019	8:20	19.00		3.66	
Rockingham	7/12/2019	8:20	21.00		3.16	
Rockingham	8/9/2019	8:10	22.00		2.77	
Rockingham	11/8/2019	8:50	12.00		4.02	
Rockingham	10/18/2019	8:30	16.00		2.70	
Rockingham	1/10/2020	8:50	6.50		3.55	
Rockingham	2/21/2020	8:50	6.00		4.86	

Rockingham	3/6/2020	8:50	8.00		3.79	
Rockingham	7/17/2020	8:15	24.50		1.81	
Rockingham	8/14/2020	8:20	23.00		3.05	
Rockingham	1/22/2021	8:20	6.00		5.73	NitDilx10
Rockingham	2/26/2021	8:00	7.50		4.88	NitDilx10
Rockingham	3/12/2021	8:10	13.00		5.02	NitDilx10
Rockingham	4/9/2021	8:10	17.00			
Rockingham	6/18/2021	8:15	19.00		3.59	NitDilx10
Rockingham	7/16/2021	8:30	21.50		1.80	
Rockingham	8/13/2021	8:40	21.50		1.51	
Rockingham	11/5/2021	8:50	11.00		5.55	NitDilx10
Rockingham	2/11/2022	8:45	3.60		5.70	NitDilx10
Rockingham	3/4/2022	8:15	4.00		4.77	NitDilx10
Rockingham	5/13/2022	8:15	14.00		3.18	NitDilx10
Rockingham	6/10/2022	8:15	20.00		3.51	NitDilx10
Rockingham	9/16/2022	8:30	20.00		2.71	NitDilx10
Rockingham	11/4/2022	9:10	14.00		1.82	
Rockingham	1/12/2018	7:50	7.00		1.32	
Rockingham	1/26/2018	7:50	7.50		1.35	
Rockingham	2/9/2018	7:50	7.00		1.81	
Rockingham	2/23/2018	7:40	11.00		1.27	
Rockingham	3/9/2018	7:50	8.00		1.45	
Rockingham	4/13/2018	8:20	13.00		0.79	
Rockingham	4/27/2018	7:40	13.00		0.78	

Rockingham	6/8/2018	10:23	15.00		1.67	
Rockingham	7/13/2018	8:10	22.00		2.61	
Rockingham	7/27/2018	8:10	21.50		1.24	
Rockingham	8/10/2018	8:00	21.50		1.64	
Rockingham	8/24/2018	8:10	19.00		1.17	
Rockingham	9/7/2018	9:19	22.00		1.34	
Rockingham	10/12/2018	8:40	19.00		1.56	
Rockingham	10/26/2018	8:30	13.50		1.94	
Rockingham	11/9/2018	8:40	11.50		1.51	
Rockingham	11/30/2018	8:50	7.50		1.92	
Rockingham	12/14/2018	9:00	6.00		2.04	
Rockingham	1/11/2019	9:00	7.00		1.92	
Rockingham	2/8/2019	11:17			1.90	
Rockingham	4/5/2019	8:30	12.00		1.69	
Rockingham	6/14/2019	8:30	19.50		1.70	
Rockingham	7/12/2019	8:30	21.50		0.94	
Rockingham	8/9/2019	8:20	23.50		1.02	

Rockingham	11/8/2019	9:00	11.00		1.85	
Rockingham	10/18/2019	8:40	16.50		1.29	
Rockingham	1/10/2020	9:00	6.00		1.62	
Rockingham	2/21/2020	9:00	5.50		1.72	
Rockingham	3/6/2020	9:00	8.50		1.32	
Rockingham	8/14/2020	8:30	25.00		0.67	
Rockingham	7/17/2020	8:25	26.00		0.74	
Rockingham	1/22/2021	8:30	5.00		1.99	
Rockingham	2/26/2021	8:10	7.00		1.15	
Rockingham	3/12/2021	8:20	12.00		1.76	
Rockingham	4/9/2021	8:20	16.00			
Rockingham	6/18/2021	8:25	18.00		0.59	
Rockingham	7/16/2021	8:40	22.60		1.12	
Rockingham	8/13/2021	8:50	23.00		1.34	

Rockingham	11/5/2021	9:00	11.00		1.54	
Rockingham	2/11/2022	8:50	3.60		1.59	
Rockingham	3/4/2022	8:25	4.50		1.17	
Rockingham	5/13/2022	8:20	13.50		0.86	
Rockingham	6/10/2022	8:25	19.00		0.66	
Rockingham	9/16/2022	8:35	19.50		0.70	
Rockingham	11/4/2022	9:15	13.00		0.89	
Shenandoah	1/12/2018	8:50	-3.00		2.21	
Shenandoah	1/26/2018	9:46	-2.00		1.90	
Shenandoah	2/9/2018	7:56	-2.00		1.82	
Shenandoah	2/23/2018	12:07	5.00		1.53	
Shenandoah	4/27/2018	12:12	10.00		0.83	
Shenandoah	5/11/2018	12:01	12.00		1.10	
Shenandoah	1/26/2018	8:55	0.00		1.58	
Shenandoah	2/9/2018	9:53	0.00		1.47	

Shenandoah	2/23/2018	9:50	8.50		1.32	
Shenandoah	4/13/2018	10:57	13.00		0.75	
Shenandoah	4/27/2018	9:53	14.00		1.40	
Shenandoah	5/11/2018	10:11	19.00		0.82	
Shenandoah	6/8/2018	10:26	17.50		1.97	
Shenandoah	6/22/2018	9:02				
Shenandoah	7/13/2018	9:28	22.00		2.18	
Shenandoah	7/27/2018	8:38	22.00		2.68	
Shenandoah	8/24/2018	9:11	19.50		1.62	
Shenandoah	9/7/2018	9:26	23.50		1.57	
Shenandoah	1/11/2019	8:17	2.00		2.71	

Shenandoah	2/8/2019	9:42	7.00		2.74	
Shenandoah	4/5/2019	8:30	9.50		2.18	
Shenandoah	5/10/2019	9:08	18.00		1.66	
Shenandoah	6/14/2019	9:51	18.00		1.98	
Shenandoah	8/9/2019	8:26	23.50		0.82	
Shenandoah	9/13/2019	8:20	23.50		1.01	
Shenandoah	11/8/2019	8:58	7.50		1.31	
Shenandoah	10/18/2019	8:39	10.00		1.23	
Shenandoah	1/10/2020	9:31	1.00		1.89	
Shenandoah	1/12/2018	10:40	1.00		2.27	
Shenandoah	1/26/2018	10:50	3.00		1.77	

Shenandoah	2/9/2018	10:15	2.00		1.66	
Shenandoah	2/23/2018	9:10	10.50		1.42	
Shenandoah	3/9/2018	9:35	4.00		1.94	
Shenandoah	4/13/2018	9:44	12.00		1.03	
Shenandoah	4/27/2018	9:01	13.00		0.93	
Shenandoah	5/11/2018	9:20	18.50		0.87	
Shenandoah	6/8/2018	9:35	17.00		2.34	
Shenandoah	6/22/2018	7:00	22.00			
Shenandoah	7/13/2018	10:45	23.00		2.80	
Shenandoah	7/27/2018	9:55	22.00		2.22	
Shenandoah	8/10/2018	9:30			2.25	

Shenandoah	8/24/2018	9:50	19.00		1.77	
Shenandoah	9/7/2018		23.00		2.02	
Shenandoah	10/12/2018	10:10	17.00		2.80	
Shenandoah	10/26/2018	10:30	9.00		2.94	
Shenandoah	11/9/2018	10:03	10.00		1.96	
Shenandoah	11/30/2018	9:53	4.50		2.53	
Shenandoah	12/14/2018	10:12	3.00		3.12	
Shenandoah	1/11/2019	9:58	3.00		2.85	
Shenandoah	2/8/2019	9:49	8.00		2.94	
Shenandoah	4/5/2019	9:25	10.00		2.45	
Shenandoah	5/10/2019	9:00	18.00		1.91	

Shenandoah	6/14/2019	9:25	17.00		2.52	
Shenandoah	8/9/2019	9:42	23.00		1.84	
Shenandoah	9/13/2019	9:20	22.00		1.76	
Shenandoah	11/8/2019	9:30	7.50		2.06	
Shenandoah	10/18/2019	9:53	11.00		1.90	
Shenandoah	1/10/2020	10:40	3.00		2.05	
Shenandoah	12/13/2019	10:21	3.50		2.25	
Shenandoah	2/21/2020	9:37	4.00		2.14	
Shenandoah	3/6/2020	9:27	8.00		2.17	
Shenandoah	5/15/2020	9:13	15.00		1.31	
Shenandoah	6/5/2020	8:28	22.00		1.17	

Shenandoah	8/14/2020	9:36	24.00		1.74	
Shenandoah	7/17/2020	9:50	25.00		1.42	
Shenandoah	9/18/2020	9:40	17.50		2.12	
Shenandoah	10/9/2020	9:43	12.50		1.74	
Shenandoah	11/6/2020	9:44	9.00		1.67	
Shenandoah	1/22/2021	10:30			3.09	NitDilx10
Shenandoah	2/26/2021	10:12	6.00		1.56	
Shenandoah	3/12/2021	9:20	10.50		2.59	NitDilx10
Shenandoah	4/9/2021	10:30	15.50			
Shenandoah	6/18/2021	9:25	19.00		1.45	
Shenandoah	7/16/2021	9:57	24.50		1.53	

Shenandoah	8/13/2021	9:33	23.00		1.44	
Shenandoah	9/17/2021	10:57	21.00		3.14	NitDilx10
Shenandoah	10/8/2021	9:50	18.00		2.80	NitDilx10
Shenandoah	11/5/2021	10:20	7.50		1.93	
Shenandoah	2/11/2022	10:20	4.00		2.35	NitDilx10
Shenandoah	3/4/2022	10:05	7.50		1.76	
Shenandoah	5/13/2022	10:17	16.00		1.18	
Shenandoah	6/10/2022	9:12	20.00		2.12	
Shenandoah	8/5/2022	10:08	24.00		1.99	
Shenandoah	11/4/2022	10:04			1.64	
Shenandoah	1/12/2018	10:20	5.00		2.49	

Shenandoah	1/26/2018	10:35	3.00		1.82	
Shenandoah	2/9/2018	9:40	2.00		1.81	
Shenandoah	2/23/2018	8:55	10.00		1.41	
Shenandoah	3/9/2018	9:15	5.00		1.95	
Shenandoah	4/13/2018	9:23	13.00		1.11	
Shenandoah	4/27/2018	9:20	14.00		0.94	
Shenandoah	5/11/2018	9:00	18.00		0.90	
Shenandoah	6/8/2018	9:18	17.00		2.48	
Shenandoah	6/22/2018	7:15	21.00			
Shenandoah	7/13/2018	10:28	21.00		2.99	
Shenandoah	7/27/2018	9:35	21.00		2.37	

Shenandoah	8/10/2018	9:15	20.50		1.98	
Shenandoah	8/24/2018	9:34	18.00		1.92	
Shenandoah	9/7/2018	9:05	22.00		2.28	
Shenandoah	10/12/2018	9:35	16.50		2.88	
Shenandoah	10/26/2018	10:10	9.00		3.04	
Shenandoah	11/9/2018	8:45			2.01	
Shenandoah	11/30/2018	9:30	5.00		2.65	
Shenandoah	12/14/2018	9:55	4.00		3.00	
Shenandoah	1/11/2019	9:40	3.00		2.94	
Shenandoah	2/8/2019	9:30	8.00		3.06	
Shenandoah	4/5/2019	9:10	10.00		2.59	

Shenandoah	5/10/2019	8:40	17.00		2.03	
Shenandoah	6/14/2019	9:42	17.50		2.62	
Shenandoah	7/12/2019	8:40	21.00		1.51	
Shenandoah	8/9/2019	9:25	21.50		1.81	
Shenandoah	9/13/2019	9:03	21.00		2.02	
Shenandoah	11/8/2019	9:15	8.00		2.30	
Shenandoah	10/18/2019	9:35	10.00		2.22	
Shenandoah	12/13/2019	10:05			2.22	
Shenandoah	1/10/2020	10:25	3.00		2.20	
Shenandoah	2/21/2020	9:20	4.00		2.31	
Shenandoah	3/6/2020	9:10	8.00		2.14	

Shenandoah	5/15/2020	9:30			1.36	
Shenandoah	6/5/2020	8:10	20.50		1.40	
Shenandoah	7/17/2020	9:33	23.00		1.63	
Shenandoah	8/14/2020	9:11	23.00		1.59	
Shenandoah	9/18/2020	9:25	16.00		2.22	
Shenandoah	10/9/2020	9:27	13.00		1.95	
Shenandoah	11/6/2020	9:25	9.50		1.75	
Shenandoah	1/22/2021	10:13	4.00		3.16	NitDilx10
Shenandoah	2/26/2021	9:55	6.00		1.57	
Shenandoah	3/12/2021	8:59			2.66	NitDilx10
Shenandoah	4/9/2021	10:15	15.00			

Shenandoah	6/18/2021	9:50	18.00		1.47	
Shenandoah	7/16/2021	9:35	23.00		1.69	
Shenandoah	8/13/2021	9:50	25.00		1.88	
Shenandoah	9/17/2021	9:38	20.00		3.34	NitDilx10
Shenandoah	10/8/2021	9:30	17.50		3.07	NitDilx10
Shenandoah	11/5/2021	10:05	7.50		2.07	
Shenandoah	2/11/2022	9:25	4.00		2.38	NitDilx10
Shenandoah	3/4/2022	9:43	7.00		1.82	
Shenandoah	5/13/2022	10:00	15.00		1.26	
Shenandoah	6/10/2022	9:54	18.50		1.97	
Shenandoah	8/5/2022	9:50	24.50		2.14	

Shenandoah	11/4/2022	7:45	11.50		1.69	
Shenandoah	1/26/2018	9:30	1.00		1.54	
Shenandoah	2/9/2018	10:35	2.00		1.44	
Shenandoah	2/23/2018	10:34	8.00		1.15	
Shenandoah	4/13/2018	11:26	14.00		0.88	
Shenandoah	4/27/2018	10:30	11.50		0.75	
Shenandoah	5/11/2018	10:48	16.50		0.91	
Shenandoah	6/8/2018	11:04	16.00		1.22	
Shenandoah	6/22/2018	9:36				
Shenandoah	7/13/2018	10:10	17.00		1.59	
Shenandoah	7/27/2018	9:11	17.50		1.45	
Shenandoah	8/24/2018	9:49	15.50		1.40	
Shenandoah	9/7/2018	10:07	18.50		1.73	
Shenandoah	9/21/2018	8:20	17.00		1.33	
Shenandoah	1/11/2019	8:59	2.00		1.52	
Shenandoah	2/8/2019	10:18	8.00		1.41	
Shenandoah	4/5/2019	9:07	9.00		1.45	
Shenandoah	5/10/2019	9:47	15.50		1.14	
Shenandoah	6/14/2019	10:28	14.50		1.74	
Shenandoah	8/9/2019	9:12	18.00		1.89	
Shenandoah	9/13/2019	9:17	18.00		2.08	
Shenandoah	11/8/2019	9:30	6.50		1.80	
Shenandoah	10/18/2019	9:18	8.50		1.91	
Shenandoah	1/10/2020	10:08	3.50		1.80	
Shenandoah	1/12/2018	10:05	0.00		2.05	
Shenandoah	1/26/2018	7:00	1.00		1.34	
Shenandoah	2/9/2018	9:30	1.00		1.93	

Shenandoah	2/23/2018	10:00	9.00		1.56	
Shenandoah	3/9/2018	8:30	7.00		2.49	
Shenandoah	4/13/2018	9:30	12.00		1.28	
Shenandoah	5/11/2018	9:45	11.00		1.12	
Shenandoah	6/8/2018	7:45	16.00		3.98	
Shenandoah	6/22/2018	9:30				
Shenandoah	7/13/2018	8:45	18.00		4.14	
Shenandoah	8/10/2018	9:45			2.53	
Shenandoah	8/24/2018	7:15			3.81	
Shenandoah	9/7/2018	9:30			3.90	
Shenandoah	9/21/2018	10:00	18.00		2.40	
Shenandoah	10/12/2018	9:45	14.00		3.04	
Shenandoah	10/26/2018	9:30	9.00		3.88	
Shenandoah	11/9/2018	9:00	11.00		2.74	
Shenandoah					3.16	
Shenandoah	11/30/2018	9:45	7.00		3.15	
Shenandoah	12/14/2018	9:15	5.00		3.58	

Shenandoah	2/8/2019	10:00	9.00		3.41	
Shenandoah	4/5/2019	10:00	10.00		2.98	
Shenandoah	5/10/2019	9:30	15.00		3.03	
Shenandoah	6/14/2019	9:30	14.00		3.53	
Shenandoah	7/12/2019	10:15	19.00		1.18	
Shenandoah	8/9/2019	10:30	20.00		2.93	
Shenandoah	9/13/2019	9:30	21.00		2.88	
Shenandoah	11/8/2019	9:30	7.00		2.69	
Shenandoah	10/18/2019	10:15	10.00		2.70	
Shenandoah	2/21/2020	9:30	4.00		3.29	
Shenandoah	3/6/2020	9:30	7.00		2.70	
Shenandoah	5/15/2020	7:00	14.00		1.96	
Shenandoah	6/5/2020	9:30	16.00		0.76	
Shenandoah	7/17/2020	8:35			3.07	
Shenandoah	8/14/2020	9:30			2.55	
Shenandoah	9/18/2020	9:30	17.00		2.75	
Shenandoah	10/9/2020	10:07	13.50		2.58	

Shenandoah	11/6/2020	9:30	10.00		1.91	
Shenandoah	1/22/2021	9:15	5.00		3.96	NitDilx10
Shenandoah	2/26/2021	9:30			1.77	
Shenandoah	3/12/2021	11:00	12.00		3.26	NitDilx10
Shenandoah	4/9/2021	9:11	15.00			
Shenandoah	6/18/2021	8:37	16.50		3.18	NitDilx10
Shenandoah	7/16/2021	9:31	23.00		2.25	NitDilx10
Shenandoah	8/13/2021	9:02	21.50		2.28	NitDilx10
Shenandoah	9/17/2021	9:47	21.00		3.34	NitDilx10
Shenandoah	10/8/2021	9:48	17.00		4.15	NitDilx10
Shenandoah	3/4/2022	9:23	5.50		2.50	NitDilx10
Shenandoah	5/13/2022	9:20	16.00		2.07	
Shenandoah	6/10/2022	9:22	17.00		1.89	
Shenandoah	8/5/2022	9:25	23.00		2.60	NitDilx10
Shenandoah	10/7/2022	9:28	13.50		1.97	
Frederick	1/26/2018	8:00	-2.00		0.31	
Frederick	2/9/2018	9:00	-1.00		0.42	

Frederick	2/23/2018	9:40	7.00		0.09	
Frederick	3/9/2018	9:15	5.00		0.04	
Frederick	4/13/2018	9:15	10.00		0.04	
Frederick	5/11/2018	8:15	15.00		0.03	
Frederick	6/8/2018	7:45	15.00		0.12	
Frederick	6/22/2018					
Frederick	7/13/2018	7:45	19.00		0.05	
Frederick	7/27/2018	8:00	20.00		0.11	
Frederick	9/7/2018	8:00	23.00		0.12	
Frederick	9/21/2018	7:30	18.00		0.12	
Frederick	10/12/2018	7:35	16.00		0.06	
Frederick	10/26/2018	7:50	7.00		0.04	
Frederick	11/9/2018	8:30	8.00		0.16	
Frederick	12/14/2018	8:30	2.00		0.13	
Frederick	1/11/2019	7:45	-2.00		0.19	
Frederick	2/8/2019	8:50	6.00		0.18	
Frederick	5/10/2019	8:00	14.00		0.21	

Frederick	6/14/2019	12:17	16.00		0.15	
Frederick	7/12/2019	12:00	22.00		0.15	
Frederick	8/9/2019	10:00	22.00		0.06	
Frederick	9/13/2019	9:00	21.00		0.05	
Frederick	11/8/2019	8:30	5.00		0.03	
Frederick	10/18/2019	9:00	7.00		0.01	
Shenandoah	1/26/2018	10:19	-4.00		0.06	
Shenandoah	2/9/2018	9:49	-2.00		0.19	
Shenandoah	2/23/2018	10:12	3.00		0.02	
Shenandoah	3/9/2018	10:03	-1.00		0.02	
Shenandoah	4/13/2018	7:56	7.00		0.01	
Shenandoah	4/27/2018	9:55	7.00		0.00	
Shenandoah	5/11/2018	9:53	12.00		0.01	
Shenandoah	6/8/2018	10:03	13.00		0.04	
Shenandoah	6/22/2018	10:02				
Shenandoah	7/13/2018	9:48	15.00		0.03	

Shenandoah	7/27/2018	9:53	16.00		0.03	
Shenandoah	8/10/2018	9:43	15.00		0.03	
Shenandoah	8/24/2018	9:57	13.00		0.03	
Shenandoah	9/7/2018	9:54	17.00		0.04	
Shenandoah	9/21/2018	9:57	15.00		0.05	
Shenandoah	10/12/2018	9:52	10.00		0.05	
Shenandoah	10/26/2018	9:52	4.00		0.01	
Shenandoah	11/9/2018	9:47	5.00		0.05	
Shenandoah	11/30/2018	9:51	2.00		0.09	
Shenandoah	12/14/2018	9:54	0.00		0.05	
Shenandoah	1/11/2019	9:41	-2.00		0.09	
Shenandoah	2/8/2019	9:56	3.00		0.08	
Shenandoah	4/5/2019	9:58	4.00		0.10	
Shenandoah	5/10/2019	9:47	12.00		0.07	
Shenandoah	6/14/2019	10:11	10.00		0.09	
Shenandoah	8/9/2019	9:56	16.00		0.05	
Shenandoah	9/13/2019	9:53	16.00		0.05	
Shenandoah	10/18/2019	9:56	4.00		0.01	
Shenandoah	1/10/2020	9:36	0.00		0.03	
Shenandoah	2/21/2020	9:49	-1.00		0.06	

Shenandoah	3/6/2020	9:58	3.00		0.03	
Shenandoah	5/15/2020	9:38	10.00		0.02	
Shenandoah	8/14/2020	9:56	16.00		0.06	
Shenandoah	9/18/2020	9:46	11.00		0.04	
Shenandoah	10/9/2020	9:56	7.00		0.01	
Shenandoah	11/6/2020	10:02	7.00		0.01	
Shenandoah	1/22/2021	9:05	0.00		0.06	
Shenandoah	2/26/2021	8:17	0.00		0.15	
Shenandoah	3/12/2021	8:31	7.00		0.05	
Shenandoah	4/9/2021	8:49	8.00			
Shenandoah	7/16/2021				0.08	
Shenandoah	7/16/2021	10:18	16.00		0.08	
Shenandoah	8/13/2021	10:17	18.00		0.05	
Shenandoah	9/17/2021	9:52	14.00		0.03	
Shenandoah	10/8/2021	10:09	12.00		0.02	
Shenandoah	11/5/2021	10:01	1.00		0.01	
Shenandoah	2/11/2022	10:18	3.00		0.06	

Shenandoah	5/13/2022	9:57	10.00		0.05	
Shenandoah	8/5/2022	9:58	16.00		0.07	
Shenandoah	9/16/2022	10:01	11.00		0.03	
Shenandoah	11/4/2022	9:54	5.00		0.01	≤ 0.01 PPM
Shenandoah	1/26/2018	9:17	0.00		1.61	
Shenandoah	2/9/2018	10:19	0.50		1.50	
Shenandoah	2/23/2018	10:14	8.00		1.32	
Shenandoah	4/13/2018	11:15	13.50		0.77	
Shenandoah	4/27/2018	10:14	13.50		1.42	
Shenandoah	5/11/2018	10:34	18.00		0.85	
Shenandoah	6/8/2018	10:49	17.50		1.99	
Shenandoah	6/22/2018	9:24				

Shenandoah	7/13/2018	9:52	21.50		2.22	
Shenandoah	7/27/2018	8:58	22.00		2.68	
Shenandoah	8/24/2018	9:37	19.00		1.64	
Shenandoah	9/7/2018	9:52	23.00		1.61	
Shenandoah	1/11/2019	8:42	2.00		2.71	
Shenandoah	2/8/2019	10:02	7.00		2.75	
Shenandoah	4/5/2019	8:50	10.00		2.21	
Shenandoah	5/10/2019	9:30	18.00		1.68	
Shenandoah	6/14/2019	10:15	16.50		2.07	
Shenandoah	8/9/2019	8:52	23.50		0.90	
Shenandoah	9/13/2019	8:51	23.50		1.11	

Shenandoah	11/8/2019	9:19	7.00		1.33	
Shenandoah	10/18/2019	9:06	10.00		1.28	
Shenandoah	1/10/2020	9:53	1.00		1.91	
Shenandoah	1/12/2018	15:29	1.00		1.15	
Shenandoah	1/26/2018	17:26	1.00		0.96	
Shenandoah	4/13/2018	15:04	14.00		0.46	
Shenandoah	4/27/2018	15:13			0.48	
Shenandoah	6/22/2018	15:24				
Shenandoah	2/8/2019	15:03			0.98	
Loudoun	4/20/2022	11:28	9.60			
Loudoun	5/17/2022	13:04			0.68	

Loudoun	6/12/2022	8:32				0.64	
Loudoun	7/19/2022	8:51		0.84		0.34	
Loudoun	8/9/2022	13:41		0.88		0.48	
Loudoun	11/7/2022	12:34		0.40		0.07	
Loudoun	12/8/2022	10:20	6.20	0.64		0.42	
Loudoun	4/20/2022	12:09					
Loudoun	5/17/2022	12:19				0.67	

Loudoun	6/12/2022	9:08				0.63	
Loudoun	7/19/2022	9:26		0.88		0.37	
Loudoun	8/9/2022	13:12		0.88		0.50	
Bluemont, Clarke	7/11/2019	14:45	23.50			0.31	
Bluemont, Clarke	8/9/2019	9:48	21.40			0.16	
Bluemont, Clarke	9/16/2019	14:22	21.40			0.06	

Bluemont, Clarke	10/29/2019	10:46	14.10		0.03	
Bluemont, Clarke	12/12/2019	11:08	3.40		0.39	
Bluemont, Clarke	1/15/2020	11:11	7.40		0.71	
Bluemont, Clarke	3/9/2020	16:22	10.50		0.74	
Bluemont, Clarke	5/18/2020	11:02	14.00		0.55	
Bluemont, Clarke	6/6/2020	12:49	20.00		0.26	
Clarke	7/11/2019	14:58	23.10		0.30	

Bluemont, Clarke	7/11/2019	14:58	23.10		0.30	
Bluemont, Clarke	8/9/2019	10:11	20.90		0.18	
Clarke	8/9/2019	10:11	20.90		0.18	
Bluemont, Clarke	9/16/2019	14:44	21.80		0.06	
Clarke	9/16/2019	14:44	21.80		0.06	
Bluemont, Clarke	10/29/2019	10:59	13.60		0.01	
Clarke	10/29/2019	10:59	13.60		0.01	
Clarke	12/12/2019	11:21	2.50		0.39	
Bluemont, Clarke	12/12/2019	11:21	2.50		0.39	

Bluemont, Clarke	1/15/2020	11:20	7.20		0.68	
Clarke	1/15/2020	11:20	7.20		0.68	
Clarke	3/9/2020	16:27	10.00		0.75	
Bluemont, Clarke	3/9/2020	16:27	10.00		0.75	
Bluemont, Clarke	5/18/2020	11:21	14.00		0.56	
Clarke	5/18/2020	11:21	14.00		0.56	
Bluemont, Clarke	6/6/2020	13:03	20.20		0.25	
Clarke	6/6/2020	13:03	20.20		0.25	

Clarke	5/18/2020	11:10				
Clarke	6/6/2020	13:15				
Shenandoah	1/12/2018	9:05	1.00		3.07	
Shenandoah	1/26/2018	10:00	0.00		2.30	
Shenandoah	2/9/2018	8:10	-1.00		2.13	
Shenandoah	2/23/2018	12:21	5.00		1.82	
Shenandoah	4/27/2018	12:24	10.00		1.12	
Shenandoah	5/11/2018	12:14	13.00		1.36	
Shenandoah	2/23/2018	12:35			1.10	
Shenandoah	4/27/2018	12:36	9.00		0.01	
Shenandoah	5/11/2018	12:29	16.00		0.04	
Rockingham	1/26/2018	8:53	2.00		1.55	

Rockingham	2/9/2018	8:35	1.00		2.15	
Rockingham	2/23/2018	8:21	8.00		1.50	
Rockingham	3/9/2018		3.00		2.01	
Rockingham	4/13/2018	8:37	11.00		1.13	
Rockingham	4/27/2018	8:41	12.00		0.93	
Rockingham	5/11/2018	8:25	16.00		0.61	
Rockingham	6/8/2018	7:41	17.00		2.54	
Rockingham	6/22/2018	6:24	15.00			
Rockingham	7/13/2018	8:43	21.00		3.83	
Rockingham	7/27/2018	7:53	22.00		2.51	
Rockingham	8/10/2018	8:07	20.00		2.56	
Rockingham	8/24/2018	7:58	18.00		1.76	
Rockingham	9/7/2018	9:41	22.00		2.40	
Rockingham	10/12/2018	8:37	17.00		2.96	
Rockingham	10/26/2018	8:37	9.00		3.33	
Rockingham	11/9/2018	10:17	10.00		2.00	

Rockingham	11/30/2018	9:31	5.00		2.70	
Rockingham	12/14/2018	8:47	4.00		3.18	
Rockingham	1/11/2019	8:25	1.00		2.79	
Rockingham	2/8/2019	8:17	8.00		3.13	
Rockingham	4/5/2019	9:07	10.00		2.48	
Rockingham	5/10/2019	8:16	17.00		1.75	
Rockingham	6/14/2019	9:18	19.00		2.31	
Rockingham	7/12/2019	8:12	19.00		1.10	
Rockingham	8/9/2019	6:53	19.00		1.69	
Rockingham	9/13/2019	9:06	23.00		2.21	
Rockingham	11/8/2019	9:17	8.00		2.46	
Rockingham	10/18/2019	9:06	11.00		2.13	
Rockingham	1/10/2020	8:57	1.00		2.19	
Rockingham	2/21/2020	8:52	0.30		2.36	
Rockingham	3/6/2020	9:11	7.00		1.96	
Rockingham	5/15/2020	8:43	15.00		1.19	
Rockingham	6/5/2020	7:44	16.00		0.68	

Rockingham	8/14/2020	8:37	24.00		1.55	
Rockingham	7/17/2020	7:55	23.00		1.14	
Rockingham	9/18/2020	9:37	17.00		2.02	
Rockingham	10/9/2020	8:47	13.00		1.81	
Rockingham	11/6/2020	8:57	9.00		1.43	
Rockingham	2/26/2021	9:41	5.00		1.57	
Rockingham	3/12/2021	8:33	11.00		2.65	NitDilx10
Rockingham	4/9/2021	8:53	15.00			
Rockingham	6/18/2021	7:54	18.00		0.94	
Rockingham	7/16/2021	7:27	24.00		1.42	
Rockingham	8/13/2021	8:43	25.00		1.43	
Shenandoah	1/12/2018	7:03	2.00		3.06	
Shenandoah	1/26/2018	7:02	0.00		2.00	
Shenandoah	2/9/2018	9:10	2.00		2.22	
Shenandoah	2/23/2018	7:02	5.00		1.67	
Shenandoah	3/9/2018	7:02	0.00		2.37	

Shenandoah	4/13/2018	7:05	8.00		1.36	
Shenandoah	4/27/2018	7:00	10.00		0.98	
Shenandoah	5/11/2018	6:52	12.00		0.90	
Shenandoah	6/8/2018	6:52	14.00		2.81	
Shenandoah	6/22/2018	6:40	15.00			
Shenandoah	7/13/2018	6:52	18.00		4.14	
Shenandoah	7/27/2018	6:42	17.00		2.84	
Shenandoah	8/10/2018	6:55	17.00		2.72	
Shenandoah	8/24/2018	8:23	18.00		2.04	
Shenandoah	9/7/2018	6:48	18.00		2.88	
Shenandoah	10/12/2018	6:52	14.00		3.41	
Shenandoah	11/9/2018	6:57	7.00		2.21	
Shenandoah	11/30/2018	7:01	1.00		3.01	
Shenandoah	12/14/2018	7:04	0.00		3.73	
Shenandoah	1/11/2019	7:08	2.00		3.34	
Shenandoah	2/8/2019	7:23	5.00		3.77	

Shenandoah	4/5/2019	6:58	7.00		3.13	
Shenandoah	5/10/2019	7:04	14.00		2.19	
Shenandoah	6/14/2019	7:05	14.00		3.08	
Shenandoah	7/12/2019	8:18	16.00		1.15	
Shenandoah	8/9/2019	7:08	19.00		2.75	
Shenandoah	9/13/2019	6:47	19.00		3.23	
Shenandoah	11/8/2019	6:50	4.00		2.96	
Shenandoah	10/18/2019	6:49			3.21	
Shenandoah	1/10/2020	7:07	2.00		2.79	
Shenandoah	2/21/2020	7:04	0.00		2.78	
Shenandoah	3/6/2020	6:49	3.00		2.61	
Shenandoah	5/15/2020	6:42	10.00		1.69	
Shenandoah	6/5/2020	6:39	14.00			
Shenandoah	7/17/2020	6:44	19.00		2.50	
Shenandoah	8/14/2020	6:52	19.00		2.44	
Shenandoah	9/18/2020	6:48	11.00		2.81	
Shenandoah	10/9/2020	6:55	12.00		2.73	

Shenandoah	11/6/2020	6:51	5.00		2.02	
Shenandoah	1/22/2021	6:48	0.00		3.68	NitDilx10
Shenandoah	2/26/2021	6:49	1.00		1.65	
Shenandoah	3/12/2021	6:45	8.00		3.17	NitDilx10
Shenandoah	4/9/2021	6:46	10.00			
Shenandoah	6/18/2021	6:46	12.00		1.52	
Shenandoah	7/16/2021	6:45	20.00		2.45	NitDilx10
Shenandoah	8/13/2021	6:43	20.00		2.65	NitDilx10
Shenandoah	9/17/2021	6:40	16.00		4.47	NitDilx10
Shenandoah	10/8/2021	6:48	15.00		3.99	NitDilx10
Shenandoah	11/5/2021	6:52	1.00		2.55	NitDilx10
Shenandoah	12/3/2021	6:47	2.00		3.41	NitDilx10
Shenandoah	2/11/2022	6:48	0.00		2.80	NitDilx10
Shenandoah	3/4/2022	6:48	0.00		2.12	
Shenandoah	6/10/2022	6:30	14.00		1.34	
Shenandoah	8/5/2022	6:48	20.00		2.78	NitDilx10

Shenandoah	9/16/2022	6:52	12.00		1.74	
Shenandoah	10/7/2022	6:45	6.00		1.98	
Shenandoah	11/4/2022	6:50				

Total Phosphorus PPM	Total Phosphorus Qualifer	Ortho Phosphate PPM	Ortho Phosphate Qualifier	Ammonia PPM	Ammonia Qualifier	E. coli MPN CFU per 100ml Sample	EcoliQualifier
		0.01		0.03		19.90	
		0.01		0.01		69.70	
		0.01		0.02		63.10	
		0.02		0.04		195.60	
		0.02		0.01		63.10	
		0.01		0.01		39.90	
		0.01		0.01		14.60	
		0.01		0.01		9.80	
		0.01		0.02		62.40	
		0.02		0.03		54.50	
		0.03		0.04		85.70	
		0.01		0.04		27.90	

	0.01		0.02		41.70	
	0.01		0.01		131.40	
	0.01		0.01		36.90	
	0.01		0.01		17.50	
	0.01		0.01		73.30	
	0.04		0.02		64.40	
	0.01		0.04		3.10	
	0.01		0.01		61.70	
	0.01		0.01		66.30	
	0.01		0.01		46.40	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01 PPM	12.00	
	0.01		0.01		14.80	
					22.80	
	0.05		0.04		22.60	
	0.01		0.05		34.50	
	0.01		0.04		43.20	

	0.03		0.01		54.60	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		98.70	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	47.30	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		16.00	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		11.00	
					522.60	Sample Diluted 50mL sample + 50mL of sterile H2O
	0.02		0.05		82.00	
	0.01		0.02		35.50	
	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	20.10	
					12.20	
	0.00		0.03		45.00	
	0.01		0.03		30.50	
	0.01		0.02		60.90	

					1,119.90	
	0.02		0.04		125.90	
	0.01		0.02		108.10	
	0.02		0.05		191.80	
	0.01		0.03		31.80	
	0.01		0.02		21.30	
	0.01		0.01		34.10	
	0.01		0.01		40.40	
					920.80	
	0.02		0.04		228.20	
	0.01		0.01		28.20	
	0.02		0.01		83.90	
	0.01		0.01		27.50	
	0.01		0.01		26.50	
	0.01		0.01		39.90	

	0.02		0.04		137.60	
	0.02		0.03		151.50	
	0.02		0.03		178.50	
	0.02		0.03		29.50	
	0.01		0.03		29.20	
	0.01		0.02		27.90	
	0.01		0.01		19.90	
	0.01		0.01		9.80	
	0.03		0.02		24.60	
	0.02		0.05		143.90	
	0.05		0.03		14.50	
	0.01		0.01		26.20	
	0.01		0.01		17.30	
	0.02		0.02		28.20	
	0.01		0.01		21.80	
	0.01		0.02		23.10	
					10.90	

	0.06		0.03		45.70	
	0.02		0.05		26.90	
	0.02		0.04		41.40	
	0.05		0.02		58.30	
	0.02		0.02		18.50	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	9.70	
	0.01		0.01		16.90	
	0.01		0.01		3.00	
					313.00	Sample Diluted 50mL sample + 50mL of sterile H2O
	0.04		0.03		49.60	
	0.02		0.02		21.30	
	0.01		0.02	Ammonia ≤ 0.02PPM	22.30	
	0.01		0.02	Ammonia ≤ 0.02PPM	37.40	
					8.50	
	0.01		0.01		9.70	

	0.01		0.01		23.10	
	0.01		0.02		41.70	
					1,553.10	
	0.01		0.04		178.20	
	0.01		0.01		28.50	
	0.01		0.01		73.30	
	0.01		0.01		13.40	
	0.01		0.01		19.70	
	0.01		0.01		6.30	
	0.02		0.02		91.00	
	0.01		0.03		98.80	
	0.03		0.04		98.80	
	0.01		0.04		63.10	
	0.01		0.02		61.30	
	0.01		0.01		14.20	
	0.01		0.02		2.00	

	0.01		0.01		24.30	
	0.01		0.02		72.70	
	0.05		0.02		69.10	
	0.01		0.07		9.70	
	0.01		0.01		105.40	
	0.01		0.02		32.30	
	0.01		0.01		30.50	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		5.20	
	0.01		0.01		5.20	
					23.80	
	0.06		0.04		29.50	
	0.01		0.07		13.40	
	0.01		0.04		61.30	
	0.03		0.02		76.70	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		37.40	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	6.30	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		16.00	
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01		19.90	
					275.50	
	0.02		0.04		45.00	
	0.01		0.03		67.00	
	0.01	OrthoPhosphate ≤ 0.0PPM	0.02	Ammonia ≤ 0.02PPM	51.20	
	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	18.70	
					980.40	
					12.20	
					8.60	
	0.04		0.01		1,413.60	
	0.01		0.01		39.90	
	0.01		0.01		648.80	
					240.00	

	0.02		0.01		290.90	
	0.02		0.00		325.50	
	0.03		0.01		770.10	
	0.02		0.09		24.10	
					1.00	
	0.07		0.63		290.90	
	0.03		0.10		365.40	
	0.07		0.03		178.50	
					517.20	
	0.05		0.24		1,119.90	
	0.03		0.01		272.30	
	0.02		0.01		206.40	
	0.02		0.02		218.70	
	0.02		0.01		115.30	
	0.01		0.04		76.70	
	0.01		0.01		70.80	
	0.03		0.02		613.10	
	0.03		0.01		1,119.90	
	0.05		0.02		1,046.20	

	0.03		0.01		248.90	
	0.11		0.16		2,419.60	
	0.02		0.06		119.80	
	0.11		0.01		36.40	
	0.05		0.01		140.10	
	0.09		0.01		613.10	
	0.01		0.01		488.40	
	0.07		0.01		201.40	
	0.43		0.01		307.80	
	0.07		0.01		307.60	
	0.08		0.79		178.50	
	0.03		0.02		206.40	
	0.03		0.01		126.60	
					228.20	
	0.04		0.02		209.80	
	0.01		0.01		488.40	
	0.06		0.01		461.10	
	0.07		0.06		290.90	
	0.06		0.01		290.90	

	0.03		0.01		129.10	
	0.12		0.45		1,203.30	
	0.16		0.06		193.50	
					615.20	Sample Diluted 50mL sample + 50mL of sterile H2O
	0.11		0.03		186.00	
	0.09		0.02	Ammonia ≤ 0.02PPM	387.30	
	0.18		0.02	Ammonia ≤ 0.02PPM	146.70	
	0.11		0.02	Ammonia ≤ 0.02PPM	133.40	
	0.05		0.02	Ammonia ≤ 0.02PPM	69.70	
					88.40	
	0.01		0.17		193.50	
	0.01		0.01		517.20	
	0.01		0.01		365.40	
					920.80	
	0.01		0.01		165.80	
	0.01		0.02		195.60	

	0.01		0.01		275.50	
	0.01		0.03		275.50	
	0.01		0.03		90.80	
	0.01		0.05		66.30	
	0.01		0.01		224.70	
	0.03		0.04		387.30	
	0.01		0.02		579.40	
	0.04		0.03		613.10	
	0.01		0.02		214.30	
	0.01		0.02		167.00	
	0.01		0.01		95.90	
	0.01		0.01		35.00	
	0.01		0.02		143.90	
					488.40	
	0.01		0.02		325.50	
	0.01		0.02		387.30	
	0.01		0.06		344.80	
	0.01		0.01		119.80	

	0.01		0.01		51.20	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		151.50	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		93.20	
					461.10	
	0.01		0.03		365.40	
	0.00	Ortho Phosphate ≤ 0.01 PPM	0.06		686.70	
	0.01		0.02		517.20	
	0.01		0.02		365.40	
	0.01		0.03		648.80	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		75.40	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.06		325.50	
	0.01		0.06		410.60	
					922.20	Sample Diluted 50mL sample + 50mL of sterile H2O
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		980.40	
	0.01		0.03		816.40	
	0.01		0.03		727.00	
	0.01		0.02		410.60	

	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	248.10	
					73.30	
	0.01		0.02		70.60	
	0.01		0.06		101.40	
	0.08		0.11		275.50	
					1,986.30	
	0.01		0.01		186.00	
	0.02		0.01		235.90	
	0.01		0.02		143.90	
	0.01		0.01		238.20	
	0.01		0.03		613.10	
	0.04		0.04		435.20	
	0.02		0.02		770.10	
	0.04		0.03		727.00	
	0.02		0.02		201.40	

	0.05		0.02		980.40	
	0.03		0.01		63.70	
	0.07		0.03		145.00	
	0.05		0.02		49.50	
					387.30	
	0.04		0.03		488.40	
	0.08		0.02		461.10	
	0.26		0.02		83.60	
	0.08		0.02		272.30	
	0.06		0.59		148.30	
	0.04		0.02		67.00	
	0.04		0.03		61.30	
					201.40	
	0.03		0.02		410.60	
	0.01		0.02		228.20	
	0.05		0.01		307.60	
	0.11		0.15		365.40	
	0.06		0.02		285.10	
	0.03		0.01		145.00	
	0.06		0.11		1,986.30	

	0.11		0.22		648.80	
					581.80	Sample Diluted 50mL sample + 50mL of sterile H2O
	0.10		0.11		261.30	
	0.06		0.04		686.70	
	0.10		0.02	Ammonia ≤ 0.02PPM	81.30	
	0.16		0.02		135.40	
	0.05		0.02	Ammonia ≤ 0.02PPM	228.20	
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.02			
	0.01		0.04			

					15.80	
					25.90	
	0.01		0.02			
					224.70	
					2,419.60	
					151.50	
					214.20	
	0.03		0.02			
	0.02		0.05			
					1,553.10	
					275.50	

					260.30	
					57.60	
					32.70	
	0.01		0.01			
					37.40	
					275.50	
	0.01		0.03			
					115.30	
					135.40	
	0.04		0.02			

					83.30	
					201.40	
	0.03		0.01			
					101.70	
					52.10	
	0.04		0.01			
					1,153.00	
					355.00	
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
					920.80	
	0.01		0.02			
					325.50	
					38.40	
					57.60	
					51.20	

					101.90	
					69.70	
					77.10	
					60.20	
					35.00	
					770.10	
					39.90	
	0.02		0.04			
					18.70	
					79.80	
					49.60	

					11.00	
	0.01		0.01			
					235.90	
					20.10	
					24.70	
					114.50	
					13.40	
	0.01		0.02			
					20.30	
	0.01		0.02			
	0.01		0.05			

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
					29.80	
					13.50	
	0.01		0.02			
					16.00	
					30.90	
					13.40	
					1,553.10	

			33.60	
			45.00	
			52.00	
			47.10	
			24.10	
			12.20	
			18.70	
			35.90	
			25.40	
			26.50	
			62.00	

	0.05		0.04			
	0.01		0.04			
					396.80	
					116.90	
					167.40	
					1,203.30	
					24.60	
	0.01		0.01			
					10.90	
					184.20	
	0.01		0.01			

	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
					27.20	
					28.20	
					96.00	
					48.70	
	0.04		0.03			
					30.10	
					44.10	

					96.00	
					45.00	
					35.90	
	0.01		0.03			
					22.60	
					9.60	
					29.80	
	0.01		0.04			
					25.30	
					21.10	
					1,732.90	

	0.02		0.04			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.02		0.01			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.01		0.05			
					22.80	
					36.40	
					146.70	
	0.02		0.04			
					53.00	

					17.30	
					517.20	
					191.80	
					23.80	
					52.90	
					121.00	
					41.00	
					40.40	
	0.01		0.05			
					60.90	
					30.10	

					36.40	
					17.10	
					83.90	
					47.90	
	0.01		0.03			
	0.01	Ortho Phosphate≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.01		0.03		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
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	0.01		0.01		
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	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.02		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.04		
	0.01		0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.03		
	0.02		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	< or = 0.01 PPM	
	0.02		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.02		0.03		
	0.02		0.16		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	≤ 0.02 PPM	
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		

	0.01		0.01			
	0.01		0.01			
	0.01		0.04			
					39.30	
					43.50	
	0.01		0.02			
					387.30	
					727.00	
					117.80	
	0.02		0.03			
					228.20	
					866.40	
					111.20	
					285.10	
					62.70	

					24.10	
	0.01		0.03			
					23.50	
					247.20	
	0.01		0.04			
					151.50	
					122.30	
					99.00	
					260.30	
	0.03		0.01			
					81.30	
					30.90	
	0.03		0.02			
					932.00	
					292.00	
	0.01		0.01			

	0.00		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.00		0.03			
	0.01		0.01			
					1,299.70	
	0.01		0.06			
					290.90	
					72.80	
					172.20	
					65.70	
					101.40	
					38.80	
					59.40	
					195.60	
					32.70	

					517.20	
					98.70	
	0.03		0.04			
					37.30	
					65.70	
					32.70	
					44.10	
	0.01		0.04			
					1,553.10	
					27.90	
					24.90	
					13.10	
					27.50	
	0.01		0.02			
					26.50	
	0.01		0.02			
	0.01		0.03			

	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
					41.40	
					29.90	
	0.01		0.02			
					33.60	
					36.40	
					52.90	
					49.50	
					73.30	
					60.20	
					42.60	
					22.80	
					27.20	

					307.60	
					36.40	
					60.20	
					45.90	
	0.01		0.04			
	0.09		0.06			
					307.60	
					74.90	
					613.10	
					461.10	
					65.00	
	0.01		0.01			
					53.70	
					238.20	
	0.01		0.01			
	0.01		0.01			

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02			
					44.80	
					34.50	
					123.60	
					60.90	
	0.05		0.03			
					62.70	
					54.80	
					85.70	
					77.10	
					69.10	
	0.01		0.02			

					37.30	
					41.00	
					88.20	
	0.01		0.05			
					117.80	
					39.30	
					2,419.60	
	0.02		0.03			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.02		0.01			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.02		0.05			
					83.60	
					56.10	

					435.20	
	0.02		0.04			
					33.10	
					261.30	
					226.10	Sample diluted 60mL sample + 40mL of sterile H2O
					50.40	
					65.70	
					81.30	
					137.60	
					93.40	
	0.01	≤ 0.01 PPM	0.03			
					166.40	
					48.70	
					82.00	
					387.30	

					160.70	
					68.30	
	0.01		0.03			
	0.01	Ortho Phosphate≤ 0.01PPM	0.01	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM		
	0.01		0.05			
	0.01		0.02			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.02			
	0.01		0.02			
	0.01		0.04			
	0.02		0.03			
	0.02		0.05			
	0.02		0.05			
	0.02		0.03			
	0.01		0.01			
	0.03		0.03			
	0.02		0.01			
	0.02		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.04		
	0.03		0.03		
	0.03		0.01		
	0.04		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.08		0.03		
	0.04		0.01		
	0.03		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01			Air spike interference with Ammonia peak integration	

	0.03		0.02		
	0.02		0.01		
	0.04		0.02		
	0.04		0.01		
	0.03		0.01		
	0.02			Peak integration interference	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.02		
	0.02		0.03		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.03		0.02		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	≤ 0.02 PPM	
	0.03		0.02		
	0.27		0.02		
	0.30		0.01		

	1.31		0.01			
	0.10		0.01			
	0.01		0.02			
	0.03		0.04			
	0.05		0.02			
	0.01		0.01			
	0.23					

	0.05		0.01			
	0.25		0.01			
	0.32		0.01			
	0.28		0.01			
	0.30		0.01			
	0.12		0.01			
	0.15		0.03			
	0.05		0.01			

	0.04		0.01		
	0.04		0.01		
	0.01		0.01		
	0.34		0.02		
	0.09		0.03		
	0.14		0.01		
	0.18		0.01		
	0.22		0.01		

	0.24		0.05			
	0.03		0.01			
	0.01		0.04			
	0.08		0.08			
	0.01		0.02			
	0.72		0.04			
	0.21		0.02			
	0.17		0.05			

	0.04		0.01			
	0.01		0.01			
	0.01		0.01			
	0.07		0.02			
	0.03		0.01			
	0.01		0.04			
	0.15		0.01			

	1.01		0.01		
	1.79		0.01	Ammonia ≤ 0.01PPM	
	0.02		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.03		0.05		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	

	0.02		0.02	≤ 0.02 PPM	
	0.15		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.07		
	0.02		0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		

	0.01		0.04			
					31.50	
					48.00	
	0.01		0.02			
					387.30	
					1,119.90	
					156.50	
					209.80	
	0.03		0.01			
					547.50	
					90.80	

					325.50	
					117.80	
					10.80	
	0.01		0.03			
					9.80	
					410.60	
	0.01		0.04			
					131.40	
	0.04		0.02			
					325.50	

					344.80	
					410.60	
	0.03		0.01			
					20.30	
					60.20	
	0.04		0.01			
					627.00	
					379.00	
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
					1,732.90	
	0.01		0.02			
					216.20	
					34.10	
					166.40	
					65.00	
					178.50	

					90.80	
					90.90	
					235.90	
					172.30	
					1,119.90	
					172.30	
	0.02		0.04			
					41.00	
					37.90	
					16.10	
					2.00	

	0.01		0.06			
					2,419.60	
					8.60	
					12.10	
					18.70	
					8.40	
	0.01		0.03			
					16.00	
	0.01		0.04			
	0.01		0.03			
	0.01		0.02			

	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
					39.90	
					12.10	
	0.01		0.02			
					25.60	
					13.50	
					1,732.90	
					74.90	
					461.10	

					65.70	
					98.40	
					42.00	
					1.00	
					6.30	
					172.20	
					34.40	
					18.90	
					31.30	
	0.05		0.04			
	0.01		0.05			

					275.50	
					62.40	
					65.00	
					178.90	
					45.00	
					31.30	
	0.01		0.01			
					13.20	
					461.10	
	0.01		0.01			
	0.01		0.01			

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01			
	0.01		0.01			
					101.70	
					27.50	
					104.30	
					118.70	
	0.05		0.03			
					121.10	
					48.70	

					28.50	
					16.10	
					9.70	
	0.01		0.05			
					14.80	
					6.30	
					28.50	
	0.01		0.05			
					29.50	
					13.20	
					1,732.90	

	0.02		0.03			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.02		0.01			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.02		0.05			
					85.70	
					42.80	
					1,299.70	
	0.02		0.03			
					78.90	

					920.80	
					460.10	Sample diluted 60mL sample + 40mL of sterile H2O
					155.30	
					68.30	
					28.20	
					88.40	
	0.01	≤ 0.01 PPM	0.05			
					122.30	
					30.50	
					32.30	

					31.50	
					115.30	
					26.90	
	0.01		0.02			
	0.01	Ortho Phosphate≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM		
	0.01		0.06			
	0.01		0.07			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01			
	0.01					
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	1.00		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.09		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.01		0.03		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	

	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.04			
	0.01		0.02			
	0.01		0.02	Ammonia ≤ 0.02PPM		
	0.01		0.02	≤ 0.02 PPM		
	0.01		0.03		2,419.60	
	0.01		0.01		112.60	
	0.01		0.01		23.30	
	0.01		0.01		23.80	
	0.01				6.30	
	0.01		0.01		10.60	
	0.01		0.01		116.20	
	0.01		0.01		45.70	
	0.01		0.01		235.90	
	0.01		0.01		75.90	

	0.01		0.01		56.30	
	0.01		0.01		9.60	
	0.01		0.01		15.60	
	0.01		0.01		2.00	
	0.01		0.01		18.70	
	0.01		0.01		98.80	
	0.01		0.01		152.90	
	0.02		0.01		185.00	
	0.01		0.01		78.90	

	0.01		0.01		201.40	
	0.01		0.01		38.40	
	0.01		0.01		96.00	
	0.01		0.01		24.30	
	0.01		0.01		90.90	
	0.01		0.01		70.30	
	0.02		0.01		98.40	
	0.02		0.01		325.50	
	0.02		0.01		152.90	

	0.01		0.01		146.70	
	0.01		0.01		20.90	
	0.01		0.01		27.50	
	0.01		0.01		133.30	
	0.01		0.01		83.60	
	0.01		0.01		172.30	
	0.01		0.01		42.60	

	0.01		0.01		5.20	
	0.01		0.01		20.10	
	0.01		0.01		127.40	
	0.01		0.01		51.20	
	0.01		0.01		228.20	
	0.10		0.01		14.50	
	0.01		0.01		55.40	
	0.01		0.01		18.50	
	0.01		0.01		108.60	
	0.01		0.01		275.50	

	0.03		0.01		261.30	
	0.03		0.01		48.70	
	0.01		0.01		17.50	
	0.01		0.01		1.00	
	0.01		0.01		5.20	
	0.01		0.01		36.90	

	0.01		0.01		9.80	
	0.01		0.01		260.30	
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	≤ 0.02 PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.02 PPM	0.02		
	0.02		0.04		

	0.02		0.17		
	0.02		7.62		
	0.01		17.81		
	0.30		11.88		
	0.17		0.18		
	0.07		8.71		
	0.08		0.34		
	0.82		0.06		
	1.11		0.01		
	0.07		0.01		
	0.08		0.01		
	0.19		0.30		
	0.11		0.04		
	0.07		8.88		
	0.06		0.14		

	0.03		0.01		
	0.04		0.01		
	0.01		0.11		
	0.03		0.16		
	0.03		0.02		
	0.04		0.01		
	0.04		0.03		
	0.01		0.01		
	0.09		0.06		
	0.08		0.08		
	0.15		0.03		
	0.18		0.15		
	0.11		0.09		
	0.24		0.02		
	0.19		0.05		
	0.24		0.02		

	0.34		0.01		
	0.22		1.94		
	0.08		0.26		
	0.05		12.63	AmmDilx10	
	0.08		18.44	AmmDilx10	
	1.12		1.69		
	0.35		0.04		
	0.20		0.02		
	0.20		0.01		
	0.12		0.21		
	0.06		0.35		
	0.07		0.31		
	0.21		0.11		
	0.46		0.04		
	0.19		0.02	≤ 0.02 PPM	
	0.20		0.08		

	0.17		0.63		
	0.07		2.85	Dilx10	
	0.01		0.05		
	0.02		0.02		
	0.01		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.01		0.02		
	0.02				
	0.02		0.01		
	0.02		0.02		
	0.02		0.01		
	0.02		0.01		
	0.02		0.03		
	0.02		0.01		
	0.01		0.01		
	0.02		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.03		0.02		

	0.02		0.01		
	0.02		0.01		
	0.02		0.05		
	0.02		0.01		
	0.01		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.12		0.07		
	0.03		0.03		
	0.03		0.01		
	0.02		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.02		
	0.03		0.01		
	0.01		0.01		
	0.03		0.02		
	0.04		0.03		
	0.03		0.01		
	0.02		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.02		
	0.02		0.02		
	0.02		0.03		
	0.03		0.02		
	0.04		0.02		
	0.02		0.02	Ammonia ≤ 0.02PPM	

	0.03		0.01	Ammonia ≤ 0.02PPM	
	0.02		0.02	≤ 0.02 PPM	
	0.01		0.05		
	0.01		0.02		
	0.00		0.02		
	0.01		0.01		
	0.01		0.05		
	0.01		0.04		
	0.01		0.01		
	0.01		0.09		
	0.01		0.02		
	0.01				
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.06		
	0.01		0.01		

	0.01		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.12		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.13		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04		
	0.01		0.04		
	0.01		0.04		
	0.01		0.02		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.01		0.04			
	0.01		0.02	Ammonia ≤ 0.02PPM		
	0.01		0.02	≤ 0.02 PPM		
	0.01		0.02	Ammonia ≤ 0.02PPM		
	0.01		0.02	Ammonia ≤ 0.02PPM		
	0.01		0.02	≤ 0.02 PPM		
					686.70	
					178.50	
					547.50	
					206.40	

				325.50	
				410.60	
				228.20	
				2,419.60	
				111.90	
				167.00	
				272.30	
				2,419.60	
				215.20	
				238.20	
				1,553.00	

			261.30	
			148.30	
			813.00	
			2,419.60	
			248.10	
			118.70	
			344.80	
			193.50	
			129.60	
			116.90	
			124.60	

				410.60	
				307.60	
				4,839.20	
				197.40	
				238.20	
				976.80	
				290.90	
				93.40	
				228.20	
				172.50	
				135.40	

				178.90	
				81.60	
				160.70	
				56.50	
				83.60	
				71.20	
				101.70	
				148.30	
				209.80	
				579.40	
				72.30	

				488.40	
				85.20	
				2,419.60	
				313.00	
				172.30	
				119.80	
				95.90	
				125.90	
				579.40	
				2,419.60	
				98.70	

				60.90	
				12,098.00	
				15,531.00	
				166.40	
				155.30	
				2,419.60	E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
				387.30	

			12,033.00	Sample diluted 10mL sample + 90mL of sterile H2O/Total E. coli enumeration result exceeded the MDL of >4,839.2 MPN
			683.00	Sample diluted 10mL sample + 90mL of sterile H2O
			167.00	
			821.20	Sample diluted 50mL sample + 50mL of sterile H2O
			209.80	
			325.50	
			816.40	
			816.40	

			159.70	
			547.50	
			547.50	
			2,419.60	E. coli enumeration result exceeded the MDL of >2419.6 MPN
			2,419.60	
			770.10	
			770.10	
			1,732.90	

	0.02		0.01		186.00	
	0.01		0.01		325.50	
	0.02		0.01		1,732.90	
	0.01		0.01	Ammonia ≤ 0.01PPM	2,419.60	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	123.00	Diluted 4:1 (x1.25)
	0.01		0.01	Ammonia ≤ 0.01PPM	38.40	

		0.01		0.01		461.10	
		0.01		0.01	Ammonia ≤ 0.01PPM	24.60	
		0.01		0.01	Ammonia ≤ 0.01PPM	249.20	Sample Diluted 50mL sample + 50mL of sterile H2O
		0.01		0.01	Ammonia ≤ 0.01PPM	218.70	
		0.02		0.02	Ammonia ≤ 0.02PPM	456.40	Sample diluted 50mL of sample H2O + 50mL of Index sterile H2O
0.05		0.02		0.04	Ammonia < 0.04PPM	770.10	

0.04		0.02		0.02	Ammonia ≤ 0.02PPM	461.10	
		0.01		0.02	Ammonia ≤ 0.02PPM	159.70	
0.01		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	214.30	
0.02		0.01		0.03		59.40	
0.01	≤ 0.01PPM	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	38.90	
						42.60	
						275.50	

					118.70	
					41.00	
					122.30	
					117.80	
					1.00	E.coli enumeration result <1.0 MPN
					1.00	E.coli enumeration result less than MDL 1.0 MPN
					14.40	
	0.02		0.03		48.80	

	0.02		0.01	Ammonia ≤ 0.01PPM	127.40	
	0.01		0.01	Ammonia ≤ 0.01PPM	48.70	
	0.01	Field duplicate sample/ Ortho Phosphate ≤ 0.01PPM	0.01	Field duplicate sample/ Ammonia ≤ 0.01PPM	95.90	Field duplicate sample
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		95.90	

	0.01		0.02		344.80	
	0.01		0.02		59.10	
	0.01		0.01		70.60	
	0.03		0.02		976.80	Sample Diluted 50mL sample + 50mL of sterile H2O

		0.02		0.01		280.90	
		0.02		0.02		125.90	
0.18		0.06		0.06		3,534.00	Sample diluted 40mL sample H2O + 60mL of sterile H2O
0.06		0.03		0.05		193.50	

		0.01		0.02		488.40	
0.03		0.01		0.02	Ammonia ≤ 0.02PPM	88.80	
0.01		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	172.50	
		0.01		0.04		74.90	
		0.01		0.02		93.30	

	0.02		0.02		275.50	
	0.01		0.01		98.80	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	160.70	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		46.40	
	0.02		0.03		1,553.10	

		0.01	Ortho Phosphate ≤ 0.01PPM	0.02		46.40	
		0.02		0.02		613.10	
		0.01		0.03		157.60	
		0.01		0.04		365.40	
0.08		0.03		0.04		1,986.30	

0.04		0.01		0.05		488.40	
		0.01		0.03		248.90	
0.03		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	96.00	
0.03		0.01		0.02	Ammonia ≤ 0.02PPM	61.30	
0.01		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	90.60	

	0.02		0.02		248.90	
	0.01		0.01		272.30	
	0.01		0.01		172.30	
	0.01		0.01	Ammonia ≤ 0.01PPM	101.70	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	26.20	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		19.90	

		0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	25.60	
		0.01		0.01	Ammonia ≤ 0.01PPM	1,119.90	
		0.01		0.01		165.80	
		0.01		0.02	Ammonia ≤ 0.02PPM	461.10	
0.05		0.03		0.04	Ammonia < 0.04PPM	920.80	
0.03		0.02		0.02		980.40	

		0.01		0.02	Ammonia ≤ 0.02PPM	1,046.20	
0.02		0.01		0.02	Ammonia ≤ 0.02PPM	67.00	
0.01		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	35.50	
		0.02		0.01		43.20	
		0.01		0.01		461.10	
		0.01		0.01	Ammonia ≤ 0.01PPM	68.30	

	0.01		0.01	Ammonia ≤ 0.01PPM	9.60	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		8.50	
	0.01		0.01		613.10	
		Interference with peak integration		Interference with peak integration	7.40	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		10.90	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		10.90	

		0.01		0.01		166.40	
		0.01		0.02		275.50	
		0.02		0.02		58.30	
0.12		0.04		0.04	Ammonia < 0.04PPM	4,611.00	Sample diluted 10mL sample H2O + 90mL of sterile H2O
0.03		0.02		0.02		71.70	
		0.02		0.02	Ammonia ≤ 0.02PPM	328.20	

0.02		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	54.80	
0.01		0.01		0.02	Ammonia ≤ 0.02PPM	70.30	
0.01	≤ 0.01PPM	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	52.80	
		0.04		0.02		2,419.60	
		0.03		0.01		2,419.60	E. coli enumeration result exceeded the MDL of >2419.6 MPN

	0.03		0.01		9,208.00	Sample diluted 10mL sample + 90mL of Sterile H2O
					24,196.00	E. coli enumeration result exceeded the MDL of >24196. MPN - H2O sample diluted 10mL sample + 90mL of Sterile H2O
	0.03		0.01		1,607.00	Sample diluted 10mL sample + 90mL of Sterile H2O
	0.02		0.01	Ammonia ≤ 0.01PPM	2,204.80	H2O sample diluted 90 mL of sample + 10 mL sterile DI H2O

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		4,106.00	E. coli enumeration result exceeded the MDL of >2419.6 MPN/Diluted 1:9 (x10)
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	12.20	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	156.50	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	43.50	

			0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	172.30
			0.01		0.01	Ammonia ≤ 0.01PPM	517.20
			0.02		0.02	Ammonia ≤ 0.02PPM	517.20
0.04			0.02		0.04	Ammonia < 0.04PPM	2,419.60

0.03		0.03		0.02	Ammonia ≤ 0.02PPM	1,986.30	
		0.02		0.02	Ammonia ≤ 0.02PPM	410.60	
0.02		0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	410.60	
0.03		0.02		0.02	Ammonia ≤ 0.02PPM	1,119.90	

0.01	≤ 0.01PPM	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	57.10	
0.01	≤ 0.01PPM	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	46.40	
		0.02		0.02		1,413.60	Undiluted H2O sample
		0.01		0.01		113.50	Diluted 4:1 (x1.25)

			18.90	
			4.10	
			209.80	
			101.90	

			166.40	
			201.40	
			209.80	
			123.40	
			488.40	

			1,046.20	
			325.50	
			83.60	
			161.60	
			165.80	

			60.50	
			41.70	
			42.20	
			79.80	
			201.40	
			96.00	
			178.50	

					95.90	
					19.44	Sample diluted 90ml H2O sample and 10ml of IDEXX sterile H2O
					231.00	
					5.20	
					461.10	
	0.01		0.02			
	0.01		0.01			
	0.01		0.03			
	0.01		0.02			
	0.01		0.02			
	0.01		0.03			
	0.01		0.04			

	0.02		0.02		
	0.07		0.06		
	0.03		0.03		
	0.04		0.03		
	0.13		0.13		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.03		0.04		
	0.08		0.06		
	0.03		0.08		
	0.04		0.06		

	0.03		0.06		
	0.02		0.07		
	0.01		0.02		
	0.01		0.02		
	0.01		0.06		
	0.01		0.04		
	0.01		0.01		
	0.09		0.05		
	0.02		0.06		
	0.02		0.03		
	0.01		0.02		
	0.02		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.02		
	0.03		0.03		

	0.02		0.06			
	0.02		0.06			
	0.03		0.05			
	0.05		0.10			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02			
	0.03		0.05			
	0.01		0.05			
	0.03		0.04			
	0.03		0.06			
	0.02		0.03			
	0.01		0.02	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.02			
					33.10	
					275.50	
					2,419.60	

				1,119.90	
				228.20	
				2,419.60	
				2,419.60	
				201.40	
				81.60	
				12.20	
				10.80	
				488.40	
				275.50	
				1,046.20	
				1,732.90	
				248.90	

					24.90	
					344.80	
					1,014.00	
					369.00	
					209.80	
					920.80	
					44.10	
					42.60	
					36.40	
					193.50	
					37.30	
					63.10	
					20.10	
					116.20	
					40.40	
					14.20	

				20.30	
				15.80	
				14.50	
				28.20	
				5.20	
				35.50	
				9.70	
				7.50	
				65.00	
				18.70	
				142.10	
				68.90	
				50.40	
				57.60	
				146.70	
				178.50	

				16.10	
				38.40	
				2.00	
				23.10	
				5.30	
				218.70	
				214.30	
				613.10	
				410.60	
				1,413.60	
				25.90	
				24.30	
				18.70	
				79.80	
				39.30	

				22.30	
				104.30	
				248.10	
				56.50	
				17.50	
				7.30	
				17.30	
				7.50	
				10.80	
				4.10	
				10.80	
				9.70	
				2,419.60	
				104.30	
				57.60	
				344.80	

					54.60	
					12.10	
					47.10	
					14.40	
					41.00	
					11.00	
					9.60	
					24.30	
					14.80	
					21.80	
					7.40	
					6.30	
					54.80	
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			

	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.05			
					12.00	
					16.00	
	0.01		0.05			
					344.80	
					2,419.60	
					866.40	
	0.03		0.03			
					178.50	
					2,419.60	
					137.60	

					172.30	
					37.30	
					18.50	
	0.01		0.02			
					32.30	
	0.09		0.05			
					307.60	
					104.30	
	0.07		0.05			
					1,732.90	
					224.70	
					178.50	
	0.03		0.01			
					18.70	

					146.70	
	0.04		0.02			
					1,401.00	
					399.00	
	0.03		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
					248.10	
	0.01		0.02			
					1,299.70	
					46.50	

					16.00	
					28.80	
					83.60	
	0.03		0.04			
					35.00	
					42.60	
					24.30	
					71.70	
					46.40	
	0.07		0.06			
					160.70	
					13.50	
					30.10	
					14.80	
	0.02		0.04			
					35.00	
					98.80	

					14.50	
					16.00	
					28.50	
	0.02		0.04			
					23.30	
	0.02		0.10			
	0.01		0.10			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.02		0.03			
	0.03		0.03			
	0.02		0.04			
	0.02		0.01			

					26.50	
					22.30	
					30.90	
	0.01		0.13			
					44.10	
					18.30	
					30.90	
					20.10	
					71.70	
	0.02		0.02			
	0.02		0.02	Ammonia ≤ 0.02PPM		
	0.01	≤ 0.01 PPM	0.02			
					579.40	

			140.10	
			21.80	
			8.60	
			14.80	
			34.10	
			19.20	
			68.90	
			124.60	

	0.07		0.04			
	0.01		0.05			
					410.60	
					344.80	
					2,419.60	
					45.70	
					28.50	
	0.02		0.03			

					12.00	
					2,419.60	
	0.01		0.01			
	0.02		0.01			
	0.01		0.01			
	0.02		0.03			
	0.01		0.02			

	0.04		0.03			
	0.01		0.04			
	0.01		0.04			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.01		0.01			
	0.01		0.04			
					93.20	

					44.10	
					2,419.60	E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
	0.04		0.04			
					90.80	
					15.80	
					110.00	
					14.60	

					275.50	
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.04			
	0.01		0.02			
	0.01		0.02			
	0.03		0.04			
	0.06		0.03			
	0.05		0.01			
	0.06		0.02			
	0.03		0.03			

	0.00		0.01		
	0.00		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.08		0.02		
	0.01		0.01		
	0.03		0.02		
	0.01		0.03		
	0.01		0.15		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		

	0.01		0.03		
	0.06		0.02		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.01		0.02		
	0.05		0.03		
	0.02		0.03		
	0.02		0.01		
	0.01		0.01		
	0.02		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		

	0.02		0.05		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.16		
	0.01		0.08		
	0.01		0.03		
	0.02		0.02		
	0.02		0.01		
	0.03		0.02		
	0.02		0.01		
	0.07		0.04		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.12		
	0.03		0.03		
	0.04		0.05		
	0.02		0.03		
	0.01		0.04		
	0.01		0.11		
	0.02		0.08		
	0.01		0.01		

	0.01		0.01		
	0.01		0.02		
	0.01		0.05		
	0.02		0.18		
	0.01		0.06		
	0.04		0.04		
	0.02		0.03		
	0.02		0.02		
	0.02		0.02		
	0.01		0.01		
	0.01		0.02		
	0.03		0.04		
	0.01		0.04		
	0.03		0.04		
	0.03		0.02		
	0.03		0.02		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		
	0.01		0.03		
	0.04		0.15		
	0.05		0.08		
	0.04		0.03		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.03		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.03		0.06		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		

	0.02		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.00		
	0.01		0.01		
	0.02		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.02		
	0.01		0.01		
	0.01		0.02	≤ 0.02 PPM	
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	≤ 0.02 PPM	

	0.01		0.04		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.04		
	0.01		0.02		
	0.01		0.03		
	0.03		0.01		
	0.02		0.02		
	0.03		0.03		
	0.03		0.02		
	0.04		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.02		
	0.02		0.02		
	0.05		0.04		
	0.03		0.05		
	0.01		0.05		
	0.02		0.05		
	0.01		0.07		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.04		0.08		
	0.01		0.17		
	0.05		0.05		
	0.02		0.03		
	0.01		0.01		
	0.02		0.03		
	0.01		0.01		
	0.01		0.02		
	0.03		0.04		
	0.03		0.05		
	0.01		0.04		
	0.03		0.03		
	0.02		0.02		
	0.02		0.01		
	0.01		0.03		
	0.02		0.03		
	0.03		0.03		
	0.01		0.03		
	0.02		0.03		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02		
	0.02		0.02		
	0.02		0.01		
	0.01		0.77		
	0.01		0.54		
	0.01		0.09		
	0.01		1.04		
	0.02		3.09		

	0.02		4.00			
	0.05		5.69			
	0.03					
	0.02		0.03			
	0.02		0.02			
	0.04		0.03			
	0.13		0.02			
	0.07		0.02			
	0.06		0.01			
	0.03		0.02			
	0.03		0.02			
	0.01		0.01			
	0.02		0.01			
	0.01		0.70			
	0.01		0.01			
	0.01		0.02			
	0.04		9.12			
	0.02		0.02			
	0.03		0.04			
	0.03		0.03			
	0.03		0.04			
	0.04		0.05			
	0.04		0.04			
	0.01		0.46			
	0.01		0.02			
	0.01		0.18			
	0.03		0.17			
	0.04		5.65			
	0.01		0.06			
	0.05		0.05			
	0.08		0.03			

	0.14		0.02		
	0.03		0.03		
	0.01		0.05		
	0.02		0.07		
	0.03		0.05		
	0.05		0.04		
	0.12		0.04		
	0.12		0.03		
	0.12		0.04		
	0.09		0.03		
	0.05		0.04		
	0.04		1.29		
	0.04		0.11		
	0.04		1.24		
	0.14		9.93	AmmDilx10	
	0.36		16.50	Dilx10	
	0.04		0.09		
	0.03		0.05		
	0.03		0.03		
	1.75		15.00		
	0.01		7.50		
	0.02		4.83		
	0.02		11.07		
	0.08		16.84		
	1.52		14.96		
	0.63		11.64		
	0.05		0.10		
	0.75		13.29		
	0.11		0.03		

	0.12		2.47		
	0.07		12.37		
	0.05		18.27		
	0.47		0.22		
	1.02		4.99		
	0.27		12.36		
	0.34		0.29		
	1.04		4.42		
	0.22		9.24		
	0.41		15.72		
	0.01		7.66		
	0.07		0.87		
	0.07		12.03		
	0.21		10.75		
	4.02		7.14		
	1.78		0.18		
	2.49		5.33		
	1.83		0.35		
	2.02		0.80		
	2.03		0.15		
	3.08		0.43		
	3.29		0.25		
	2.43		0.02		
	1.17		0.09		
	0.71		0.07		
	1.27		0.06		
	0.71		3.50	AmmDilx10	
	0.45		0.18		
	0.88		1.50		
	0.01		0.03		
	0.17		0.21		

	2.12		18.10	AmmDilx10	
	1.68		0.03		
	1.08		0.03		
	3.42	OrthoPhosDilx10	16.70	AmmoniaDilx10	
	0.97		0.08		
	2.28	OrthoPhosDilx10	0.03		
	1.93		0.04		
	4.26	Dilx10	0.01		
	2.73	OrthoPhosDilx20	0.03		
	2.58	Dilx20	0.04	reading from undiluted sample results	
	3.31	Dilx10	0.04		
	0.01		0.07		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.45		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate < or 0.01PPM	0.01		
	0.01	Ortho Phosphate < or = 0.01 PPM	0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.00		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	

	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		
	0.00		0.04		
	0.01		0.04		
	0.01		0.05		
	0.02		0.03		
	0.01		0.05		
	0.03		0.03		
	0.02		0.03		
	0.03		0.05		
	0.03		0.03		
	0.12		0.07		
	0.01		0.01		
	0.02		0.03		
	0.02		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		

	0.02		0.03		
	0.02		0.03		
	0.03		0.04		
	0.02		0.03		
	0.01		0.02		
	0.01		0.12		
	0.01		0.06		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.03		0.05		
	0.01		0.07		
	0.04		0.05		
	0.02		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.05		
	0.03		0.03		
	0.01		0.05		
	0.02		0.05		
	0.03		0.02		
	0.02		0.04		
	0.02		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.07		
	0.01		0.03		

	0.01		0.25			
	0.02		0.07			
	0.03		0.13			
	0.01		0.06			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.03		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.02		0.02			
	0.01		0.02			
	0.01		0.03			

	0.01		0.02		
	0.01		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.04		
	0.01		0.06		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.02		
	0.01		0.04		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01				
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01	Ammonia ≤ 0.01 PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.11		
	0.01		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.04		
	0.01		0.02		
	0.01		0.04		
	0.01		0.02		
	0.02		0.06		
	0.02		0.03		
	0.02		0.03		

	0.09		0.48		
	0.03		0.03		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.03		
	0.02		0.03		
	0.04		0.07		
	0.13		0.10		
	0.17		0.08		
	0.11		0.06		
	0.07		0.66		
	0.10		4.52		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.03		
	0.09		0.07		
	0.05		0.07		
	0.31		0.17		
	0.06		0.07		
	0.12		0.12		
	0.07		0.04		
	0.03		0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01		0.02		
	0.03		0.03		
	0.04		0.06		
	0.11		0.94	Elevated Ammonia reading	
	0.04		0.04		
	0.03		0.08		

	0.02		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.01		
	0.01		0.03		
	0.02		0.02		
	0.16		0.57	Elevated H2O results confirmed	
	0.28		0.63		
	0.15		0.10		
	0.14		0.08		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.02			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01			

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	OrthoPhos ≤ 0.01PPM	0.02		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01 PPM	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01			
	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01	OrthoPhos ≤ 0.01PPM	0.02			
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM		
	0.01		0.02			
					3.00	
					7.40	
					53.70	

			2,419.60	
			235.90	
			365.40	
			1,299.70	
			35.50	
			248.90	
			770.10	
			67.70	
			365.40	
			457.50	
			488.40	
			488.40	
			37.90	
			57.30	

				1,658.00	
				487.00	
				2,419.60	
				331.60	
				35.90	
				26.90	
				95.90	
				46.20	
				42.60	
				72.70	
				53.70	
				31.30	
				20.10	
				14.60	
				23.10	
				42.60	

				27.20	
				26.20	
				45.70	
				30.50	
				23.10	
				41.40	
				26.60	
				77.60	
				52.10	
				26.60	
				25.60	
				32.70	
				31.70	
				24.60	
				44.10	
				44.10	
				21.60	

				135.40	
				44.80	
				9.80	
				25.40	
				19.90	
				7.50	
				60.20	
				16.80	
				66.30	
				48.00	
				30.50	
				22.60	
				45.70	
				14.80	
				33.10	
				36.40	
				31.80	

				14.80	
				35.90	
				21.80	
				79.80	
				16.10	
				22.80	
				16.00	
				29.90	
				21.30	
				21.30	
				29.20	
				34.50	
				58.30	
				43.50	
				2,419.60	

			1,119.90	
			461.10	
			172.30	
			193.50	
			387.30	
			344.80	
			410.60	
			435.20	
			98.80	
			127.40	
			615.20	

				2,419.60	
				4,839.20	
				218.70	
				727.00	
				77.10	
				101.40	
				345.00	
				305.00	
				2,419.60	
				176.40	
				115.30	

			90.80	
			88.20	
			149.70	
			235.90	
			125.90	
			67.70	
			770.10	
			122.30	
			387.30	
			77.60	
			68.30	

				63.80	
				63.10	
				67.00	
				37.90	
				26.20	
				30.50	
				61.70	
				81.30	
				50.40	
				33.10	
				88.20	

			54.80	
			151.50	
			920.80	
			93.30	
			111.20	
			79.40	
			93.30	
			39.90	
			28.10	
			151.50	
			35.90	

				85.70	
				34.50	
				193.50	
				44.30	
				32.30	
				31.30	
				2,419.60	
				133.40	
				125.90	
				435.20	
				195.60	

			152.90	
			290.90	
			214.30	
			95.90	
			53.80	
			73.80	
			73.30	
			57.10	
			1,986.30	
			93.40	

				172.50	
				37.90	
				107.10	
				2,359.00	Sample diluted 10mL water sample with 90mL IDEXX sterile H2O
				166.40	
				37.90	
				98.40	
				2,603.00	Sample diluted 10mL water sample with 90mL IDEXX sterile H2O

			87.80	
			53.70	
			6.20	
			25.90	
			224.70	
			2,419.60	
			186.00	
			209.80	
			1,046.20	
			228.20	
			218.70	

				2,419.60	
				24.60	
				39.50	
				203.40	
				2,419.60	
				437.40	
				461.10	
				544.60	
				461.10	
				71.20	
				69.70	
				1,664.00	
				313.00	
				4,839.20	
				581.80	

				42.00	
				69.10	
				17.30	
				39.90	
				68.90	
				93.30	
				129.10	
				52.80	
				50.40	
				43.20	
				46.40	
				1,299.70	
				48.70	
				88.00	
				58.10	
				42.00	

				24.60	
				57.30	
				30.10	
				30.50	
				48.00	
				48.00	
				35.50	
				30.50	
				22.30	
				64.40	
				96.10	
				46.40	
				43.50	
				38.80	
				44.80	
				18.70	

				42.20	
				62.40	
				37.30	
				23.10	
				62.00	
				39.30	
				57.30	
				60.50	
				19.90	
				13.40	
				920.80	
				14.60	
				50.40	
				50.40	
				42.00	

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.03			
					63.70	
					24.30	
					307.60	
					261.30	
					1,299.70	
					186.00	
	0.03		0.02			
					2,419.60	

			198.90	
			201.40	
			39.30	
			17.10	
			32.30	
			298.70	
			105.00	
			161.60	
			90.90	
			125.90	

					22.80	
					52.90	
					857.00	
					432.00	
	0.01		0.01			
					165.80	
					290.90	
					31.30	
					30.50	
					71.20	
					125.00	
	0.02		0.02			
					151.50	
					42.80	

				980.40	
				26.60	
				435.20	
				45.70	
				8.50	
				72.30	
				150.00	
				24.60	
				86.00	
				37.90	
				16.00	
				62.40	
				15.60	
				16.00	
				49.50	
				14.80	

	0.01		0.01			
					12.10	
					45.00	
					24.60	
	0.01		0.01			
					91.00	
					290.90	
					248.90	
					111.20	
					13.40	
					30.50	
					11.00	
					24.60	
					9.90	
					71.20	
					36.80	

					816.40	
					93.30	
					365.40	
					248.10	
					8.40	
	0.01		0.01		8.40	
					20.60	
					920.80	
	0.01		0.01			
					14.80	
					24.60	
					33.60	
					238.20	
					45.70	
					18.70	

				104.60	
				9.70	
				7.50	
				4.10	
				16.90	
				20.10	
				42.20	
				6.30	
				185.00	
				42.60	
				76.70	
				193.50	
				56.50	
				19.90	
				2,478.00	Sample diluted 70ml of sample + 30ml of sterile H2O

			115.30	
			51.20	
			517.20	
			49.60	
			52.00	
			14.80	
			27.50	
			72.30	
			25.90	
			72.70	
			52.00	
			11.00	
			29.20	

			10.80	
			18.50	
			579.40	
			2,419.60	
			365.40	
			209.80	
			2,419.60	
			410.60	

			261.30	
			686.70	
			50.40	
			61.30	
			821.20	
			2,419.60	
			419.60	
			142.10	

			238.20	
			410.60	
			88.20	
			565.00	
			1,732.90	
			222.40	
			70.80	
			59.80	

			30.90	
			116.20	
			178.50	
			103.90	
			137.60	
			121.10	
			2,419.60	
			156.50	

			146.70	
			201.40	
			2,419.60	
			22.80	
			816.40	
			19.70	
			88.40	
			125.90	

			30.10	
			69.70	
			70.30	
			56.30	
			38.90	
			920.80	
			82.00	
			156.50	

				95.90	
				1,203.30	
				81.30	
				125.90	
				59.10	
				86.00	
				105.00	
				73.80	

			436.00	
			166.40	
			325.50	
			2,419.60	
			57.60	
			186.00	
			2,419.60	
			26.20	

			56.50	
			272.30	
			95.90	
			98.70	

			1,119.90	
			648.80	
			131.70	
			920.80	

			387.30	
			2,419.60	E. coli enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
			4,884.00	Sample diluted 10ml of sample + 90ml of sterile H2O
			155.30	
			980.40	
			387.30	

			45.70	
			48.70	
			12.10	
			53.80	
			21.30	
			816.40	
			44.10	

			17.30	
			18.50	
			730.80	
			248.10	
			85.70	
			77.60	
			290.90	
			27.90	

				49.60	
				1,050.00	
				345.00	
				1,119.90	
				410.60	
				35.50	
				113.00	
				61.70	

			57.30	
			38.40	
			40.40	
			24.30	
			579.40	
			35.50	
			18.30	
			69.70	

			159.70	
			5.20	
			13.40	
			4.10	
			13.50	
			45.00	
			17.10	
			14.50	

			7.50	
			9.80	
			35.90	
			14.80	
			43.20	
			185.00	
			44.10	
			75.20	

			31.30	
			25.60	
			8.40	
			23.10	
			19.20	
			45.70	
			28.50	
			105.00	

					25.90	
	0.01		0.02		25.90	
					54.60	
					178.90	
					290.90	
					920.80	
					101.70	
					16.00	

			57.30	
			24.10	
			78.40	
			55.60	
			53.80	
			23.10	
			36.40	

			103.90	
			59.80	
			71.20	
			191.80	
			16.10	
			96.00	
			128.10	
			39.30	

			31.30	
			25.90	
			47.30	
			12.10	
			33.20	
			488.40	
			28.80	
			178.50	
			248.10	
			816.40	

				261.30	
				379.00	
				1,203.30	
				235.90	
				218.70	
				191.80	
				201.40	
				579.40	
				275.50	
				307.60	
				410.60	
				285.10	
				2,419.60	
				517.20	
				344.80	
				476.40	
				2,419.60	

				866.40	
				770.10	
				727.00	
				344.80	
				461.10	
				191.80	
				344.80	
				111.90	
				53.70	
				290.90	
				1,732.90	
				172.50	
				142.10	
				325.50	
				1,732.90	
				166.40	
				1,553.10	

					259.50	
					140.10	
					360.90	
					410.60	
					920.80	
					435.20	
					1,119.90	
					328.20	
					344.80	
					261.30	
					2,419.60	
					365.40	
	0.02		0.02		365.40	
					1,299.70	
					2,419.60	
					275.50	

				160.70	
				156.50	
				275.50	
				2,419.60	E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
				1,413.60	
				435.20	
				2,419.60	E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
				648.80	
				387.30	
				290.90	
				2,419.60	
				980.40	

				1,553.10	
				218.70	
				816.40	
				579.40	
				866.40	
				2,603.00	Sample diluted 10ml of sample + 90ml of sterile H2O
				201.40	
				127.40	
				3,972.60	Sample diluted 50mL sample + 50mL of sterile H2O
				461.10	
				155.30	
				142.10	
				172.30	
				191.80	

							81.30	
							248.10	
							83.90	
							26.20	
							13.20	
							238.20	
							686.70	
							1,119.90	
							167.00	
							2,419.60	
							55.60	

				145.00	
				13.20	
				6.30	
				14.60	
				410.60	
				214.30	
				115.30	
				59.10	
				45.70	
				19.90	
				65.00	

			906.00	
			364.00	
			770.10	
			980.40	
			21.10	
			18.70	
			14.50	
			42.00	
			14.60	
			29.50	
			11.00	

				13.40	
				33.60	
				13.40	
				38.80	
				115.30	
				2.00	
				7.50	
				12.10	
				57.30	
				50.40	
				7.40	

				15.50	
				19.90	
				7.50	
				25.90	
				25.90	
				9.80	
				35.90	
				139.60	
				50.40	
				13.50	
				21.30	

			7.30	
			36.40	
			11.10	
			65.00	
			82.00	
			365.40	
			224.70	
			686.70	
			43.70	
			24.30	
			6.30	

			23.10	
			14.60	
			16.00	
			21.60	
			160.70	
			21.10	
			20.60	
			16.00	
			22.60	
			41.70	
			12.10	

				24.60	
				81.60	
				18.90	
				579.40	
				26.90	
				30.50	
				35.90	
				44.80	
				14.60	
				44.80	
				48.00	

				110.00	
				10.90	
				22.60	
				31.30	
				224.70	
				22.80	
				14.60	
				17.10	
				44.80	
				1,299.70	
				148.30	

				9.70	
				9.60	
				25.90	
				522.60	
				547.50	
				147.60	
				58.60	
				71.20	
				26.20	
				95.90	
				987.00	
				384.00	
				816.40	
				1,203.30	
				23.30	

				24.10	
				12.00	
				88.00	
				26.20	
				29.90	
				71.70	
				34.10	
				22.60	
				27.50	
				27.50	
				56.30	
				6.30	
				16.00	
				15.50	
				7.50	
				42.00	
				4.10	

				16.00	
				22.80	
				9.70	
				29.50	
				33.10	
				10.90	
				67.70	
				95.80	
				54.80	
				14.80	
				14.80	
				9.60	
				7.30	
				11.10	
				67.00	
				67.00	
				547.50	

				387.30	
				1,986.30	
				82.00	
				8.60	
				7.40	
				21.30	
				13.50	
				31.80	
				58.60	
				59.40	
				29.20	
				34.10	
				25.90	
				99.00	
				16.80	

					16.00	
					11.00	
					73.30	
					24.10	
					28.80	
					10.70	
					49.60	
	0.02		0.01		201.40	
					2,419.60	
	0.02		0.01		145.00	
					2,588.40	
					209.80	
					64.40	
					209.80	
					980.40	

					2,419.60	
					2,419.60	
					1,986.30	
					2,688.20	
	0.01		0.02			
	0.01		0.03			
	0.01		0.10			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.02			
	0.02		0.02			
	0.02		0.01			
	0.02		0.01			
	0.02		0.02			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.03			
	0.02		0.01			
	0.03		0.02			
	0.02		0.02			
	0.01		0.03			

	0.01		0.03		
	0.01		0.01		
	0.03		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.03		0.02		
	0.01		0.02		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.01		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		

	0.01		0.02		
	0.01		0.01		
	0.02		0.03		
	0.02		0.02		
	0.01		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.01		
	0.02		0.02		
	0.02		0.02		
	0.02		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.03		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia < or 0.01PPM	
	0.04		0.02		
	0.03		0.02		
	0.01		0.02		

	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.03		
	0.01		0.01		
	0.02		0.02		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		
	0.02		0.02		

	0.02		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.00		0.01		
	0.02		0.02		
	0.02		0.02		
	0.02		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.03		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia < or 0.01PPM	
	0.03		0.01		
	0.03		0.02		
	0.01		0.02		
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.01		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.09		
	0.01		0.04		

	0.01		0.13		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.03		0.04		
	0.02		0.02		
	0.01		0.01		
	0.02		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.00		0.04		
	0.02		0.02		
	0.03		0.03		
	0.03		0.03		
	0.02		0.02		
	0.01		0.04		
	0.01		0.07		
	0.01		0.01		
	0.03		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03		

	0.04		0.02		
	0.04		0.02		
	0.01		0.01		
	0.01		0.05		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
		Peak integration interference	0.03		
	0.01		0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01				
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.02		0.03		
	0.04		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.03			
	0.01		0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.04			
	0.00		0.02			
	0.01		0.01			
	0.02		0.04			
	0.01		0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.02		0.02			
	0.03		0.02			

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.02		
	0.01		0.01		
	0.02		0.03		
	0.03		0.04		
	0.01		0.03		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.05		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.02		0.03		
	0.04		0.04		
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		

	0.02		0.01		
	0.03		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.01		
	0.01		0.01		
	0.02		0.02		
	0.02		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.07		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		
	0.03		0.03		
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.04		
	0.01		0.02		
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.03		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01				
	0.02		0.03		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.02		0.02		
	0.01		0.02		
	0.02		0.03		
	0.01		0.05		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.02		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		

	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.04		
	0.01		0.05		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		
	0.02		0.03		
	0.01		0.01		
	0.01		0.01		
	0.07		0.05		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01				
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.03		
	0.01		0.03		
	0.01		0.09		
	0.01		0.01		
	0.04		0.04		
	0.01		0.02		
	0.01		0.01		
	0.02		0.04		
	0.02		0.07		
	0.01		0.02		

	0.01		0.06		
	0.01		0.02		
	0.01		0.07		
	0.01		0.06		
	0.02		0.07		
	0.03		0.11		
	0.03		0.13		
	0.02		0.04		
	0.03		0.14		
	0.05		0.05		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		

	0.01		0.02		
	0.02		0.06		
	0.02		0.05		
	0.05		0.18		
	0.03		0.15		
	0.01		0.05		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.02		0.07		
	0.01		0.13		
	0.02		0.04		
	0.01		0.03		
	0.02		0.04		
	0.01		0.01		
	0.01		0.02		

	0.01		0.03			
	0.02		0.16			
	0.02		0.23	Elevated ammonia reading		
	0.05		0.51			
	0.04		0.21			
	0.02		0.02			
	0.01		0.01			
	0.01		0.03			
	0.01		0.02			
	0.01		0.05			
	0.02		0.14			
	0.04		0.20			
	0.03		0.12			
	0.01		0.04			
	0.02		0.04			
	0.01		0.02			

	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.06		
	0.01		0.04		
	0.02		0.04		
	0.02		0.09		
	0.03		0.10		
	0.02		0.03		
	0.04		0.20		
	0.06		0.04		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.06		
	0.02		0.02		
	0.05		0.14		
	0.03		0.14		
	0.01		0.01		

	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.02		0.14		
	0.02		0.03		
	0.01		0.01		
	0.02		0.03		
	0.02		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.14		
	0.03		0.42		
	0.08		0.69		
	0.05		0.27		
	0.02		0.04		
	0.01		0.02		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01		0.04		
	0.02		0.04		
	0.05		0.23		
	0.03		0.29		
	0.02		0.05		

	0.02		0.09			
	0.01		0.03			
	0.01		0.08			
	0.01		0.02			
	0.01		0.08			
	0.01		0.08			
	0.02		0.09			
	0.03		0.13			
	0.03		0.15			
	0.02		0.06			
	0.02		0.14			
	0.04		0.06			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.05			
	0.01		0.04			
	0.02		0.06			
	0.03		0.08			
	0.04		0.20			
	0.02		0.15			

	0.01		0.07		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.14		
	0.02		0.05		
	0.01		0.03		
	0.01		0.04		
	0.01		0.01		
	0.01		0.03		
	0.01			Integration interference with ammonia peak from following sample	
	0.02		0.16		
	0.02		0.15		
	0.04		0.44		
	0.04		0.19		
	0.02		0.02		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.02		0.04		
	0.02		0.03		
	0.01		0.05		
	0.03		0.19		

	0.03		0.20			
	0.03		0.20			
	0.02		0.06			
	0.03		0.14			
	0.01		0.02			
	0.01		0.02			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.03			
	0.01		0.02			
	0.01		0.03			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.02		0.02			

	0.02		0.03		
	0.02		0.02		
	0.01		0.03		
	0.02		0.05		
	0.01		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		
	0.01		0.05		
	0.01		0.05		
	0.01		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.03		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	-0.01		0.02		
	0.01		0.02		
	0.02		0.03		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.04		
	0.01		0.01		
	0.01		0.02		
	0.04		0.02		
	0.01		0.00		
	0.01		0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01		0.03		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.02		
	0.01		0.03		
	0.01		0.01		
	0.01		0.05		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	-0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.00		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		

	0.01		0.01		
	0.01		0.05		
	0.01		0.01		
	0.01		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.05		0.03		
	0.09		0.05		
	0.03		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		

	0.02		0.01		
	0.11		0.06		
	0.03		0.02		
	0.03		0.02		
	0.01		0.05		
	0.01		0.01		
	0.01		0.01		
	0.03		0.03		
	0.02		0.01		
	0.02		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.03		
	0.03		0.04		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.03		

	0.02		0.06			
	0.04		0.03			
	0.02		0.02	Ammonia ≤ 0.02PPM		
	0.01		0.01			
	0.01		0.04			
	0.01		0.01			
	0.01		0.02			
	0.03		0.03			
	0.06		0.06			
	0.04		0.03			
	0.01		0.01			
	0.02		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.06		0.03		
	0.05		0.03		
	0.04		0.02		
	0.04		0.03		
	0.02		0.09		
	0.01		0.01		
	0.01		0.02		
	0.06		0.03		
	0.02		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.03		
	0.03		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.01		

	0.01		0.06		
	0.03		0.04		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.03		
	0.03		0.03		
	0.04		0.04		
	0.01		0.04		
	0.01		0.09		
	0.02		0.04		
	0.03		0.02		
	0.04		0.07		
	0.02		0.01		
	0.02		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.01		0.02		
	0.01		0.02		

	0.02		0.02		
	0.03		0.01		
	0.01		0.02		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.03		
	0.03		0.03		
	0.02		0.01		
	0.01		0.02		
	0.01		0.05		
	0.01		0.01		
	0.02		0.00		
	0.01		0.03		

	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.04		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.08		
	0.01	OrthoPhos ≤ 0.01PPM	0.05		
	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.05		
	0.05				
	0.02		0.02		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.05		0.05		
	0.04		0.03		
	0.03		0.02		
	0.04		0.02		

	0.12		0.04		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.02		
	0.03		0.02		
	0.03		0.02		
	0.03		0.03		
	0.03		0.02		
	0.03		0.03		
	0.02		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.01		
	0.01		0.02		

	0.04		0.02		
	0.03		0.01		
	0.02		0.02		
	0.02		0.01		
	0.02		0.02		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.01		0.05		
	0.01		0.01		
	0.01		0.01		
	0.01		0.09		
	0.01		0.01		

	0.01		0.01		
	0.01				
	0.01		0.02		
	0.01		0.01		
	0.01		0.05		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01 PPM	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	OrthoPhos ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	OrthoPhos ≤ 0.01PPM	0.03		
	0.01		0.02	Peak integration interference	
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.02		0.01		
	0.02		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01				
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01 PPM	
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02		
	0.02		0.02		
	0.01		0.02	Peak integration interference	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.02		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.04		0.04		
	0.02		0.02		
	0.02		0.03		
	0.02		0.02		
	0.07		0.04		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.02		0.02		
	0.03		0.03		
	0.01		0.01		
	0.01		0.01		
	0.02		0.00		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.03		0.05		
	0.01		0.04		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.02		0.03		
	0.02		0.02		
	0.03		0.03		
	0.03		0.04		
	0.03		0.03		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.04		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.05		0.02		
	0.04		0.02	Ammonia ≤ 0.02PPM	
	0.02		0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.02		0.02		
	0.01		0.03		
	0.01		0.02		
	0.01		0.01		
	0.01		0.03		
	0.02		0.01		
	0.02		0.02		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01				
	0.01		0.01		
	0.02		0.07		
	0.03		0.03		
	0.03		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.03		
	0.03		0.02		
	0.02		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.03		0.02		
	0.03		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.02		0.04		
	0.01		0.02	≤ 0.02 PPM	
	0.32		1.50		
	0.06		0.01		
	0.09		0.05		
	0.08		0.02		
	0.17		0.05		
	0.08		0.02		
	0.13		0.09		

	0.10		0.02		
	0.24		0.03		
	0.08		0.03		
	0.08		0.03		
	0.16		0.03		
	0.07		0.03		
	0.05		0.02		
	0.04		0.03		
	0.12		0.08		
	0.23		0.04		
	0.26		0.14		
	0.53		0.03		
	0.39		0.02		
	0.20		0.02		
	0.11		0.06		
	0.43		0.05		
	0.14		0.04		
	0.11		0.02		
	0.47		0.02		
	0.08		0.02		
	0.15		0.03		
	0.36		0.01		
	0.37		0.01		
	0.30		0.01		
	0.58		0.01	Ammonia ≤ 0.01PPM	
	0.18		0.01		
	0.44		0.02		
	0.21		0.03		
	0.29		0.08		

	0.19		0.02		
	0.13		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.04		
	0.01		0.06		
	0.01		0.06		
	0.02		0.05		
	0.01		0.03		
	0.01		0.08		
	0.01		0.05		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		

	0.01		0.02		
	0.01		0.04		
	0.01		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.04		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.02		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.02		0.01		
	0.04		0.02		
	0.11		0.04		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.02		0.02		
	0.04		0.02		
	0.04		0.04		
	0.05		0.03		
	0.01		0.01		
	0.01		0.01		
	0.03		0.01		
	0.01		0.07		
	0.03		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01	Ammonia ≤ 0.01PPM	

	0.02		0.11			
	0.02		0.03			
	0.04		0.03			
	0.01		0.01			
	0.03		0.02			
	0.17		0.06			
	0.13		0.05			
	0.04		0.02			
	0.02		0.03			
	0.02		0.03			
	0.04		0.04			
	0.04		0.01			
	0.04		0.04			
	0.03		0.01			

	0.01		0.02		
	0.02		0.01		
	0.05				
	0.01		0.03		
	0.07		0.04		
	0.04		0.03		
	0.03		0.03		
	0.04		0.02		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.05		
	0.02		0.02		
	0.04		0.03		
	0.10		0.04		

	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.02		0.03		
	0.03		0.03		
	0.04		0.04		
	0.05		0.03		
	0.02		0.01		
	0.01		0.01		
	0.03		0.02		
	0.01		0.06		
	0.04		0.02		
	0.03		0.02		
	0.01		0.01		
	0.03		0.06		
	0.03		0.01		
	0.05		0.04		
	0.03		0.03		
	0.01		0.01		
	0.03		0.04		
	0.04		0.03		
	0.04		0.03		
	0.04		0.01		
	0.04		0.03		
	0.07		0.04		
	0.15		0.04		
	0.01		0.01		
	0.02		0.02		

	0.02		0.01			
	0.01					
	0.01		0.02			
	0.02		0.01			
	0.03		0.02			
	0.04		0.03			
	0.03		0.04			
	0.02		0.02			
	0.02		0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.02		0.01			
	0.09		0.05			
	0.03		0.08			
	0.04		0.02			
	0.03		0.04			
	0.01		0.01			
	0.02		0.01			
	0.03		0.03			
	0.01		0.01		98.80	
	0.01		0.01		52.00	
	0.01		0.01		90.80	

	0.01		0.01		93.40	
	0.01		0.01		102.20	
	0.01		0.02		435.20	
	0.01		0.01		1,299.70	
	0.01		0.01		98.70	
	0.02		0.05		172.20	
	0.01		0.02		81.30	

	0.01		0.03		222.40	
	0.01		0.03		105.00	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		214.20	
	0.01		0.01		90.90	
	0.01		0.02		162.40	

	0.01		0.01		131.40	
	0.01		0.01		198.90	
	0.01		0.01		172.70	
					122.30	

	0.01		0.01		118.70	
	0.01		0.01		128.10	
	0.01		0.02		166.40	
	0.01		0.01		101.70	

	0.01		0.01		224.70	
	0.01		0.01		613.10	
	0.01		0.01		86.20	
	0.01		0.02		122.30	
					204.60	
	0.01		0.03		195.60	

	0.01		0.01		1,119.90	
	0.01		0.02		387.30	
	0.01		0.01		111.20	
	0.01		0.01		38.90	
	0.01		0.01		119.80	
	0.01		0.01		50.40	

	0.02		0.01		105.00	
	0.02		0.01		461.10	
	0.01		0.01		98.50	
	0.01		0.01		275.50	
	0.01		0.01		51.20	

	0.01		0.01	Ammonia ≤ 0.01 PPM	40.20	
	0.01		0.01	Ammonia ≤ 0.01 PPM	172.30	
	0.01		0.01		88.00	
	0.01		0.01	Ammonia ≤ 0.01 PPM	69.10	

	0.01		0.02		110.60	
	0.01		0.02		218.70	
	0.01		0.01		209.80	
	0.01		0.01		34.50	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		67.70	

	0.01		0.01	Ammonia ≤ 0.01 PPM	65.70	
	0.01		0.01		293.30	
	0.01		0.03		43.10	
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		24.10	

			727.00	
			686.70	

				24,196.00	E.coli enumeration result exceeded the MDL of the dilution >24,1960 MPN/ Sample diluted 1:10, 10ml H2O sample and 90ml of IDEXX sterile H2O
				3,450.00	Sample diluted 1ml H2O sample and 99ml of IDEXX sterile H2O
				1,723.00	Sample diluted 1:10, 10ml H2O sample and 90ml of IDEXX sterile H2O
				2,419.60	E.coli enumeration result exceeded the MDL of >2419.6 MPN
				26.90	

	0.01		0.04		
	0.01		0.01		
	0.01		0.02		
	0.01		0.07		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.06		0.02		
	0.01		0.01		
	0.06		0.03		
	0.09		0.02		
	0.02		0.02		
	0.02		0.03		
	0.04		0.03		
	0.08		0.04		
	0.01		0.01		
	0.02		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.03		0.04		
	0.23		0.11		
	0.03		0.05		
	0.02		0.07		
	0.02		0.20		
	0.01		0.01		
	0.01		0.01		

	0.01		0.03		
	0.01		0.17		
	0.05		0.04		
	0.01		0.01		
	0.02		0.05		
	0.01		0.03		
	0.04		0.05		
	0.03		0.07		
	0.07		0.09		
	0.03		0.01		
	0.03		0.04		
	0.01		0.01		
	0.01		0.02		
	0.09		0.09		
	0.04		0.03		
	0.02		0.03		
	0.01		0.06		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		

	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.02		0.02		
	0.01		0.04		

	0.01		0.06		
	0.01		0.12		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01		0.04		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.03		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02	Ammonia ≤ 0.02PPM	
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.07		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.01		0.01		
	0.01		0.02		

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.01			
	0.01		0.03			
	0.01		0.02			
	0.04		0.01			
	0.01		0.01			
	0.01		0.01			

	0.01		0.02			
	0.01		0.01			
	0.02		0.03			
	0.01		0.02			
	0.01		0.01			
	0.01		0.03			
	0.01		0.08			
	0.01		0.14			
	0.01		0.01			
	0.01		0.04			
	0.01		0.01			

	0.01		0.01			
	0.01		0.04			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.06			
	0.02		0.03			
	0.01					
	0.04		0.05			
	0.08		0.06			

	0.03		0.02		
	0.02		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.02		0.05		

	0.02		0.03			
	0.01		0.03			
	0.01		0.03			
	0.01		0.09			
	0.01		0.10			
	0.01		0.01			
	0.01		0.12			
	0.01		0.02			
	0.01		0.05			
	0.01		0.03			
	0.01		0.07			

	0.02		0.04		
	0.01		0.04		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.04		
	0.01		0.03		
	0.02		0.03		
	0.01		0.04		

	0.01		0.04		
	0.02		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		
	0.01		0.01		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.02		
	0.01		0.04		
	0.02		0.04		
	0.02		0.03		
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.18		

	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.05		
	0.02		0.03		
	0.01		0.03		
	0.02		0.03		

	0.10		0.06			
	0.02		0.01			
	0.02		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			
	0.01		0.02			
	0.01		0.01			

	0.02		0.03			
	0.01		0.03			
	0.09		0.08			
	0.01		0.03			
	0.01		0.03			
	0.01		0.11			
	0.01		0.13			
	0.01		0.07			
	0.01		0.02			
	0.01		0.01			
	0.01		0.02			

	0.01		0.02			
	0.04		0.06			
	0.01		0.06			
	0.02		0.04			
	0.01		0.02			
	0.01		0.02			
	0.01		0.01			
	0.01		0.01			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.05			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02			

	0.02		0.03		
	0.01		0.05		
	0.01		0.05		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.00	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM	
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.02		
	0.03		0.10		
	0.02		0.08		

	0.01	≤ 0.01 PPM	0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.04		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		
	0.01		0.05		
	0.01		0.09		
	0.01		0.01		
	0.01		0.12		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.02		0.01		
	0.02		0.02		
	0.02		0.01		
	0.03		0.01		
	0.02		0.02		
	0.02		0.01		
	0.06		0.01		
	0.01		0.01		
	0.02		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		

	0.02		0.02		
	0.01		0.01		
	0.03		0.02		
	0.02		0.01		
	0.04		0.03		
	0.01		0.02		
	0.01		0.03		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.04		0.02		
	0.01		0.01		
	0.02		0.03		
	0.01		0.02		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.03		
	0.02		0.04		
	0.01		0.01		
	0.02		0.07		
	0.01		0.01		
	0.01		0.02		
	0.02		0.03		
	0.03		0.05		
	0.01		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.00		0.00		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		

	0.51		0.01		
	0.01		0.04		
	0.01		0.02		
	0.01		0.02		
	0.01		0.04		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		
	0.01		0.03		
	0.01		0.01		
	0.01		0.08		
	0.01		0.01		
	0.01		0.01		

	0.01		0.02		
	0.01		0.04		
	0.01		0.02		
	0.01		0.02		
	0.01		0.01		
	0.01		0.02		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.02		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		
	0.01		0.02		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01		

	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		
	0.01	OrthoPhos ≤ 0.01PPM	0.11		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.03		
	0.01	≤ 0.01 PPM	0.02	≤ 0.02 PPM	
	0.01		0.01		
	0.01		0.03		
	0.01		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.04		
	0.01		0.02		

	0.01		0.03		
	0.01		0.02		
	0.04		0.01		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.01		0.02		
	0.02		0.03		
	0.00		0.02		
	0.01		0.02		
	0.01		0.04		

	0.01		0.04			
	0.01		0.09			
	0.01		0.01			
	0.01					
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
					1,841.60	Sample diluted 50mL sample + 50mL of sterile H2O
	0.02		0.03		497.80	H2O grab sample diluted 50ml sample and 50mlIDEXX Sterile H2O

		0.02		0.05		48.20	Sample diluted 50mL sample + 50mL of sterile H2O
0.09		0.04		0.08		1,483.00	Sample diluted 10mL sample H2O + 90mL of sterile H2O
0.06		0.03		0.03		142.10	
0.02		0.01		0.02		41.10	
0.02		0.01		0.02		53.70	
						1,158.80	Sample diluted 50mL sample + 50mL of sterile H2O
		0.02		0.03		520.60	H2O grab sample diluted 50ml sample and 50mlIDEXX Sterile H2O

		0.02		0.05		37.00	Sample diluted 50mL sample + 50mL of sterile H2O
0.10		0.04		0.06		2,046.00	Sample diluted 10mL sample H2O + 90mL of sterile H2O
0.06		0.03		0.02		127.40	
		0.03		0.01		2,419.60	
		0.01		0.01		156.50	
		0.01		0.01		29.80	

	0.01		0.01		49.50	
	0.01		0.01		6.20	
	0.01		0.01		17.50	
	0.01		0.01		30.10	
	0.01		0.01		98.70	
	0.01		0.01		235.90	
	0.02		0.01		1,413.60	

	0.02		0.01		1,413.60	
	0.01		0.01		209.80	
	0.01		0.01		209.80	
	0.01		0.01		47.10	
	0.01		0.01		47.10	
	0.01		0.01		70.30	
	0.01		0.01		70.30	
	0.01		0.01		11.00	
	0.01		0.01		11.00	

	0.01		0.01		55.70	
	0.01		0.01		55.70	
	0.01		0.01		42.00	
	0.01		0.01		42.00	
	0.01		0.01		95.90	
	0.01		0.01		95.90	
	0.01		0.01		214.20	
	0.01		0.01		214.20	

					19.90	
					35.00	
	0.15		0.07			
	0.14		0.02			
	0.07		0.04			
	0.07		0.06			
	0.04		0.03			
	0.06		0.06			
	0.02		0.01			
	0.01		0.01			
	0.01		0.03			
	0.01		0.02			

	0.01		0.04		
	0.01		0.03		
	0.01		0.02		
	0.01		0.03		
	0.01		0.02		
	0.01		0.03		
	0.01		0.03		
	0.01		0.02		
	0.01		0.03		
	0.03		0.04		
	0.01		0.03		
	0.01		0.03		
	0.02		0.03		
	0.01		0.02		
	0.01		0.04		

	0.01		0.02		
	0.01		0.02		
	0.01		0.06		
	0.01		0.03		
	0.01		0.03		
	0.01		0.04		
	0.02		0.04		
	0.05		0.04		
	0.02		0.06		
	0.01		0.06		
	0.01		0.24		
	0.01		0.32		
	0.01		0.07		
	0.01		0.07		
	0.01		0.04		
	0.01		0.04		
	0.05		0.04		

	0.02		0.07		
	0.01		0.08		
	0.01		0.08		
	0.01		0.01		
	0.01		0.03		
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.04		
	0.01		0.06		
	0.01		0.04		
	0.01		0.17		
	0.03		0.11		
	0.01		0.01		
	0.00		0.02		
	0.01		0.04		
	0.01		0.01		
	0.01		0.01		

	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01		0.01			
	0.01					
	0.02		0.01			
	0.04		0.01			
	0.01		0.02			
	0.01		0.02			
	0.03		0.03			
	0.01		0.01			
	0.01		0.01			
	0.01		0.00			
	0.01		0.01			
	0.01		0.01			

	0.01		0.01		
	0.01		0.04		
	0.01		0.01		
	0.07		0.05		
	0.02		0.04		
	0.01		0.01		
	0.01		0.05		
	0.01		0.14		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.01		
	0.01		0.02		
	0.04		0.04		
	0.02		0.06		
	0.01		0.01		

	0.01		0.01			
	0.01		0.02			
	0.01	Ortho Phosphate ≤ 0.01 PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01		0.08			
	0.01		0.01	Ammonia ≤ 0.01PPM		
	0.01		0.04			
	0.02		0.06			
	0.01		0.02			
	0.01		0.03			
	0.01		0.01	Ammonia ≤ 0.01PPM		
	0.01	Ortho Phosphate ≤ 0.01PPM	0.01	Ammonia ≤ 0.01PPM		
	0.01		0.01	Ammonia ≤ 0.01PPM		
	0.01		0.02			
	0.04		0.05			
	0.01		0.02	Ammonia ≤ 0.02PPM		

	0.02		0.02	Ammonia ≤ 0.02PPM	
	0.01		0.02	Ammonia ≤ 0.02PPM	

Turbidity NTU	Specific conductance µs/cm	Stream pH	Stream pH T°C	Stream DO mg/L	Stream DO T°C
0.51	426.00				
11.34	334.00				
28.10	229.00				
46.30	295.00				
7.87	235.00				
0.52	345.00				
2.89	309.00				
5.53	301.00				
22.60	257.00				
25.70	344.00				
18.66	308.00				
5.65	340.00				

1.06	382.00
0.10	377.00
2.88	313.00
8.29	246.00
10.69	195.00
21.50	288.00
5.95	287.00
5.35	320.00
2.19	351.00
3.02	274.00
1.39	349.00
3.37	299.00
2.33	276.00
10.50	295.00
4.62	329.00
5.44	352.00

3.90	345.00
3.28	307.00
0.58	337.00
4.62	231.00
2.47	284.00

7.89	293.00				
7.30	356.00				
1.75	395.00				
0.62		8.27	6.60	12.00	6.50
0.67	450.00				
4.00	347.00				
36.20	244.00				

66.60	262.00
19.38	312.00
11.62	243.00
18.46	355.00
7.75	368.00
4.00	473.00
17.01	378.00
34.20	277.00
61.20	300.00
31.00	338.00
1.34	395.00
10.87	282.00
1.81	389.00
4.16	355.00
4.20	355.00

33.40	306.00
10.72	366.00
13.93	384.00
8.44	361.00
4.02	397.00
2.48	410.00
4.94	349.00
5.33	274.00
13.99	234.00
7.80	322.00
17.67	275.00
5.60	329.00
2.79	359.00
10.82	293.00
1.20	375.00
4.72	333.00
5.37	311.00

9.99	334.00
4.76	361.00
3.99	375.00
2.57	335.00
1.87	339.00
2.51	357.00
6.89	253.00
3.84	307.00

7.56	321.00				
5.02	388.00				
4.40	361.00				
2.29	416.00				
1.95		8.37	6.30	13.06	6.30
1.06	433.00				

18.51	337.00
42.80	242.00
138.80	254.00
38.60	319.00
0.77	353.00
10.53	244.00
0.71	354.00
2.85	316.00
5.01	312.00
27.60	265.00
12.38	344.00
24.70	343.00
14.27	346.00
2.68	371.00
0.29	390.00
3.12	322.00

11.18	250.00
16.60	206.00
21.40	268.00
7.38	299.00
1.22	321.00
1.92	349.00
6.39	271.00
0.90	349.00
3.32	304.00
4.25	283.00
9.89	305.00
6.63	338.00
5.76	362.00
6.56	334.00
2.21	317.00

1.17	337.00
5.10	232.00
3.09	286.00

7.35	300.00				
12.40	341.00				
3.44	367.00				
1.16	403.00				
3.50		7.35	8.80	7.51	8.70
0.40		7.43	5.70	11.97	5.60
0.78		7.85	5.60	12.36	5.50
5.21	312.00				
0.85	263.00				
19.31	177.00				
1.48	174.00				

3.18	140.00				
3.13	134.00				
8.87	232.00				
1.03	240.00				
1.22		7.94	5.10	12.71	5.00
9.64	698.00				
18.16	709.00				
18.63	644.00				
15.87	625.00				
33.60	635.00				
24.40	622.00				
10.21	637.00				
15.15	612.00				
13.54	616.00				
19.95	613.00				
17.76	598.00				
44.70	577.00				
33.40	570.00				
35.90	578.00				

13.49	587.00
5.33	662.00
1.98	683.00
5.09	633.00
5.53	632.00
9.36	606.00
11.88	629.00
34.90	652.00
19.77	674.00
9.12	691.00
1.76	707.00
8.69	662.00
9.36	646.00
8.09	605.00
20.80	635.00
16.70	646.00
13.70	659.00
7.09	686.00
9.12	697.00

1.46	712.00
4.80	718.00
6.04	699.00

5.49	654.00				
13.06	653.00				
5.40	674.00				
7.88	687.00				
0.60	718.00				
1.74		8.19	7.90	11.99	7.80
8.33	572.00				
17.72	669.00				
21.90	597.00				
10.30	601.00				
8.31	608.00				
11.39	599.00				

11.04	599.00
36.60	584.00
14.93	590.00
63.50	582.00
15.31	556.00
28.10	557.00
18.95	572.00
18.07	562.00
6.44	577.00
4.51	580.00
9.55	592.00
10.18	583.00
10.33	592.00

16.73	559.00
15.18	543.00
7.75	570.00
7.36	570.00

3.61	594.00
1.92	592.00
11.10	613.00
12.80	572.00
7.51	601.00
15.40	592.00
7.89	583.00
3.52	594.00
8.04	610.00
0.77	617.00
4.84	616.00
5.52	595.00

9.68	620.00
7.55	615.00
2.74	597.00
3.49	614.00

2.09	619.00
1.63	
26.70	598.00
18.25	634.00
19.77	556.00
21.30	605.00
18.13	552.00
15.09	613.00
9.63	603.00
5.20	589.00
15.62	573.00
42.50	588.00
30.10	568.00
38.60	572.00
10.41	586.00

5.58	594.00
4.89	637.00
15.82	606.00
2.60	599.00

22.00	621.00
20.00	623.00
13.45	595.00
3.82	660.00
1.07	700.00
6.95	657.00
13.60	661.00
14.50	619.00
11.13	626.00
18.20	616.00
7.80	605.00
4.42	671.00
4.29	652.00
1.33	680.00
10.84	661.00

7.80	692.00

7.84	636.00
9.72	618.00
4.49	625.00
7.64	690.00
0.61	677.00
0.97	443.00
4.23	371.00
10.54	316.00
3.41	294.00
1.25	284.00
3.65	283.00
37.40	266.00

4.63	280.00

47.30	223.00
33.10	245.00

55.70	298.00

3.22	367.00

20.10	301.00

29.60	273.00

13.98	330.00

5.12	329.00

8.39	377.00
0.87	377.00
6.45	270.00

5.64	264.00
3.12	372.00
4.36	346.00
3.70	357.00
3.61	315.00

43.10	288.00

6.97	349.00

3.15	342.00

5.19	363.00

1.11	382.00	8.28	10.70	11.52	10.50
1.31	377.00				

0.46	393.00				
0.46	361.00	8.38	3.70	19.55	3.50
2.28	288.00				
2.76	336.00				

6.88	268.00

15.89	283.00				
5.48	304.00	8.07	28.20	7.05	28.00

6.31	325.00

1.12	354.00

2.51	297.00
1.30	370.00
4.07	342.00
2.88	286.00

5.83	305.00

2.20	336.00

4.91	350.00

1.10	371.00
2.01	332.00
2.29	195.00
3.65	360.00
3.42	296.00
13.60	241.00

5.56	313.00

1.51	362.00

6.35	366.00
1.31	399.00
1.67	398.00
0.79	572.00
1.96	574.00
2.25	571.00
3.47	571.00
2.66	544.00
3.92	549.00

6.30	571.00
2.89	569.00
38.50	612.00
37.30	565.00
1.07	546.00
8.46	581.00
9.91	599.00
3.71	582.00
5.80	533.00
5.03	594.00
4.01	591.00
0.75	583.00
9.75	596.00
2.42	597.00
2.04	597.00
3.10	588.00

5.41	566.00				
3.99	568.00				
9.30	572.00				
3.21	556.00				
0.56	544.00				
2.55	555.00				
0.25	566.00	8.09	9.50	12.20	9.40
0.51	561.00				
2.58	548.00	8.07	7.70	18.14	7.50
1.41	558.00				
5.27	567.00				
1.29	545.00				
4.21	578.00				
1.87	554.00	7.89	18.90	8.95	18.70
2.37	557.00				
3.16	561.00				
1.84	556.00				

0.36	570.00
1.47	565.00
5.29	584.00
3.25	591.00
2.65	550.00
3.09	559.00
2.24	561.00
1.74	572.00
0.98	566.00
1.22	606.00
1.18	607.00
0.36	556.00
2.28	564.00

4.11	614.00
4.04	586.00
0.92	571.00
4.12	587.00
0.46	573.00
0.86	602.00
2.03	569.00
1.03	616.00
4.18	605.00
4.69	595.00
4.92	584.00
5.35	569.00
7.23	583.00
5.07	584.00
45.00	597.00
138.60	543.00
19.99	566.00
47.40	599.00
20.50	590.00
8.56	584.00
10.78	589.00
19.02	592.00

3.78	577.00				
4.75	607.00				
9.99	581.00				
3.37	584.00				
9.14	569.00				
19.52	551.00				
19.90	552.00				
122.60	566.00				
35.40	554.00				
19.30	562.00				
7.77	574.00				
2.50	601.00	8.25	8.30	12.90	8.10
6.47	596.00				
1.03	580.00	8.16	6.80	19.19	6.60
0.89	589.00				
5.82	571.00				
8.75	554.00				
18.34	586.00				
10.66	564.00	7.93	21.40	8.68	21.30
32.40	567.00				
7.99	567.00				
1.82	589.00				
1.98	595.00				
4.18	575.00				
7.88	587.00				

28.20	579.00
13.20	561.00
12.50	583.00
6.97	550.00
7.51	591.00
7.79	591.00
4.96	631.00
1.43	641.00
1.95	586.00
2.11	575.00
19.90	604.00
14.70	601.00
4.18	568.00
2.42	611.00
1.06	646.00
0.93	562.00
1.14	386.00
11.18	365.00
5.80	322.00

4.64	347.00
2.91	340.00
24.40	276.00

3.38	307.00

45.40	306.00

152.90	346.00

6.29	409.00

32.10	339.00

13.90	350.00

2.87	337.00

0.85	409.00

7.05	386.00
5.78	371.00
1.07	420.00
2.97	430.00
32.00	473.00
5.53	414.00

13.13	390.00

8.79	356.00

6.61	374.00

8.26	399.00

1.08	411.00	8.14	10.20	12.16	10.00
1.46	411.00				

0.11	405.00				
0.42	385.00	8.32	3.80	19.84	3.60
2.01	311.00				
2.09	350.00				

7.23	288.00

5.48	315.00	7.98	27.70	6.99	27.40
9.75	281.00				

3.41	349.00

1.41	379.00
1.61	291.00

2.00	475.00
7.84	337.00
3.11	412.00
3.94	311.00

3.26	302.00

2.17	348.00

5.31	361.00

1.69	398.00
3.28	358.00
2.18	214.00
0.60	381.00
0.93	344.00
11.10	245.00

6.24	344.00

3.75	401.00

9.18	381.00
1.36	413.00
2.03	428.00
5.36	472.00
7.64	606.00
10.61	596.00
12.00	592.00
4.82	579.00
8.19	545.00
27.00	576.00
19.19	586.00
36.40	587.00
36.10	585.00
23.10	568.00
45.30	610.00
35.00	591.00
15.17	577.00
17.39	586.00
19.19	584.00
16.80	576.00
3.07	574.00
8.20	590.00

9.25	571.00				
4.88	572.00				
12.86	567.00				
18.65	550.00				
19.91	548.00				
43.80	568.00				
19.49	551.00				
16.25	549.00				
8.89	548.00				
1.76	561.00	8.30	8.00	13.45	7.70
2.87	547.00				
2.59	552.00	8.36	4.90	21.00	4.70
1.01	566.00				
11.61	570.00				
12.43	542.00				
18.87	553.00				
26.80	527.00	8.06	23.00	7.48	22.90
18.58	549.00				
7.70	550.00				
2.39	562.00				
1.38	599.00				
6.14	570.00				
12.90	583.00				
11.17	579.00				

13.00	551.00
10.72	590.00
19.60	526.00
20.10	503.00
6.36	627.00
2.12	621.00
0.96	626.00
1.21	561.00
1.91	583.00
11.50	594.00
11.84	605.00
29.80	563.00
5.12	617.00
3.76	622.00
1.12	621.00
0.44	864.00
1.09	806.00
2.36	765.00

0.27	730.00
1.58	753.00
0.30	742.00
2.16	728.00
1.10	701.00
1.07	741.00
0.28	729.00
0.60	747.00

0.26	697.00
0.50	680.00
0.99	674.00
0.09	630.00
0.26	635.00
0.44	658.00
0.10	673.00
1.40	672.00

7.87	675.00
0.04	702.00
5.49	678.00
1.10	727.00
0.42	680.00
0.95	662.00
0.59	700.00
0.21	683.00

0.27	763.00	8.02	16.80	10.23	16.80
0.04	752.00				
1.93	780.00	7.98	11.80	16.97	11.60
0.31	682.00				
0.36	710.00				
0.26	685.00				
-0.11	702.00	8.04	24.20	8.03	24.30
0.68	709.00				

0.43	751.00
-0.15	762.00
0.28	753.00
0.67	700.00
0.69	880.00
2.48	740.00
0.39	721.00
0.22	727.00

0.29	688.00
0.24	706.00
0.33	739.00
0.17	759.00
2.19	690.00
11.32	738.00
0.51	744.00
0.67	801.00

0.39	801.00
0.39	760.00
4.83	780.00
0.19	837.00
1.67	357.00
1.45	327.00
16.30	321.00
4.20	267.00
2.52	266.00
5.07	273.00

16.28	289.00

4.55	261.00

52.10	211.00

82.30	244.00

6.98	346.00

30.30	270.00

29.90	252.00

17.85	306.00

5.44	287.00

10.37	352.00
8.83	262.00
9.73	241.00

0.92	339.00
5.01	307.00
5.48	324.00
5.14	303.00

10.92	262.00

8.77	305.00

2.43	334.00

4.09	373.00

0.85	387.00	8.27	9.10	12.81	9.00
0.34	368.00				
0.05	406.00				

0.52	343.00	8.46	3.60	23.20	3.50
3.19	269.00				
2.90	313.00				

17.04	245.00

11.19	273.00				
5.18	294.00	8.07	27.50	6.56	27.40

1.28	330.00

0.32	354.00
2.57	272.00

2.01	346.00
11.46	296.00
5.16	302.00
2.96	266.00

7.63	287.00

2.49	330.00

3.25	347.00

1.40	358.00
1.29	313.00
3.90	192.00
0.69	335.00
12.13	289.00
9.64	203.00

6.81	298.00

2.98	348.00

3.68	357.00
1.63	382.00
0.31	393.00
7.26	653.00
1.87	643.00
5.01	622.00
6.80	625.00
4.85	628.00
5.15	606.00
8.55	616.00
4.30	643.00

9.05	622.00
140.00	451.00
5.49	601.00
6.75	595.00
4.27	619.00
3.60	630.00
5.08	624.00
5.15	625.00
5.19	624.00
2.52	639.00
5.91	617.00
3.79	616.00
4.22	631.00
5.84	614.00
10.31	607.00
5.76	598.00

7.39	594.00				
5.91	601.00				
4.41	616.00				
2.84	636.00	7.83	9.60	10.32	9.80
4.02	625.00				
1.91	650.00	7.62	8.60	13.83	8.40
0.64	645.00				
3.02	610.00				
3.47	608.00				
5.51	625.00				
6.51	609.00	7.44	22.60	9.11	22.60
3.52	644.00				
3.33	671.00				
1.59	663.00				
1.31	670.00				
1.28	628.00				

2.23	594.00
3.20	617.00
2.05	623.00
2.23	622.00
2.79	607.00
2.63	636.00
1.64	632.00
5.05	632.00
1.14	642.00
1.31	651.00
1.70	620.00
3.31	641.00

3.33	641.00				
2.85	595.00				
2.60	641.00				
1.91	640.00				
1.36	649.00				
74.30	57.00	7.23	22.90	8.35	22.90
12.50	71.00	7.42	19.80	8.82	19.80
7.20	76.00	7.46	19.60	8.43	19.60
	74.00	8.33	12.90	11.69	12.80
2.40	55.00	6.94	6.90	14.59	6.70
2.78	61.00				
5.92	65.00	7.50	13.90	10.67	13.80
3.96	70.00	7.30	19.60	8.89	19.50
13.33	108.00	7.57	20.20	8.56	20.10
6.88					

	117.00	8.11	13.10	11.70	13.00
0.41	105.00	8.14	1.20	22.60	1.20
0.96	109.00	7.66	6.80	15.02	6.70
1.81	93.00				
6.32	92.00	7.26	13.90	10.82	13.80
14.47	99.00	7.57	19.70	9.15	19.60
5.89	138.00	7.78	23.10	8.33	23.30
4.93	142.00	7.79	20.90	8.49	20.90
4.71	146.00	7.49	18.80	9.17	18.70

	152.00	7.56	14.00	10.74	13.90
0.11	128.00	7.89	1.80	20.40	1.70
2.09	124.00	7.66	6.90	16.08	6.80
2.98	128.00				
9.16	129.00	7.24	13.60	11.05	13.50
11.82	131.00	7.42	20.10	9.21	20.10
7.78	234.00	7.90	23.50	8.15	23.60
7.40	256.00	7.96	21.80	8.20	21.60
4.05	278.00	7.73	19.20	8.31	19.20

	257.00	7.85	14.60	10.55	14.50
0.07	209.00	7.65	2.20	19.92	2.00
0.61	210.00	7.34	6.80	15.66	6.70
4.90	197.00				
5.77	189.00	7.83	14.10	10.65	14.00
19.11					
0.41	70.00	6.80	6.80	15.25	6.80

0.68	64.00				
0.87					
4.37					
0.73	191.00	7.50	21.70	6.24	21.70
	190.00	7.51	15.30	7.36	15.10
0.08	141.00	7.39	4.80	17.01	4.70
0.09	131.00	7.27	6.70	17.26	6.60
0.77	115.00				
1.34	119.00	7.27	13.90	9.92	13.80
7.42	104.00	7.07	19.70	8.62	19.70

35.60	131.00	7.85	21.80	7.60	21.90
0.69	156.00	7.97	21.20	6.79	21.20

-0.33	102.00	7.49	3.80	16.45	3.70
0.66	92.00	7.61	7.10	17.25	7.00
4.56	80.00				

5.97	82.00	7.63	14.00	9.99	13.90
17.62	71.00	7.15	19.10	9.11	19.00
4.21	594.00				
0.77	584.00				
2.66	586.00				
2.53	587.00				
2.19	557.00				
4.27	540.00				
10.11	556.00				
6.27	543.00				
15.82	600.00				
120.10	517.00				
8.23	544.00				
14.22	584.00				
10.44	589.00				
7.48	568.00				
6.90	556.00				
8.37	580.00				
8.01	592.00				
4.32	582.00				
3.01	609.00				

5.80	597.00				
3.02	602.00				
6.24	595.00				
16.05	573.00				
16.48	559.00				
18.73	556.00				
11.92	527.00				
6.01	513.00				
6.54	525.00				
0.38	559.00	8.15	8.90	12.02	8.70
1.03	561.00				
0.89	550.00	8.08	7.00	18.76	6.90
-0.12	554.00				
2.43	571.00				
4.30	547.00				
12.31	556.00				
7.58	524.00	7.93	20.60	8.16	20.50
8.13	529.00				
10.25	529.00				
3.21	533.00				
1.17	566.00				
1.82	567.00				
5.94	586.00				

7.51	576.00
9.84	529.00
6.85	535.00
2.82	538.00
6.79	537.00
2.22	516.00
3.93	573.00
1.33	586.00
1.31	550.00
2.23	560.00
9.90	590.00
7.84	569.00
11.70	531.00
8.76	557.00
1.57	563.00
1.24	584.00
1.97	1,540.00

0.54	1,683.00
0.54	1,553.00
0.22	1,706.00
3.96	1,738.00
2.27	1,429.00
7.96	1,527.00
5.27	1,517.00
0.37	1,500.00
0.55	1,439.00
0.06	1,338.00
0.42	1,517.00
0.18	1,649.00
0.27	1,491.00
0.91	1,357.00
2.08	1,608.00
1.40	1,493.00

0.61	1,445.00				
0.49	1,509.00				
1.76	1,509.00				
0.98	1,470.00				
0.46	1,365.00				
0.14	1,428.00				
0.22	1,473.00	8.01	19.60	9.35	19.40
-0.33	1,436.00				
0.99	1,657.00	7.86	14.80	12.04	14.80
0.20	1,424.00				
0.21	1,544.00				
0.09	1,587.00				
0.07	1,643.00				
1.16	1,771.00	8.00		7.36	26.50
1.34	1,636.00				
-0.45	1,718.00				

-0.48	1,555.00
0.65	1,612.00
0.39	1,648.00
0.33	1,602.00
1.43	1,743.00
0.72	1,732.00
0.26	1,673.00
1.11	1,470.00
0.38	1,472.00
0.25	1,526.00
0.43	1,582.00
0.16	1,547.00
0.55	1,555.00
0.52	1,354.00
1.07	1,522.00
0.37	1,444.00
0.36	1,505.00

	1,444.00
0.62	1,603.00
6.36	544.00
7.80	619.00
11.24	581.00
16.45	585.00
9.48	574.00
12.34	548.00
13.12	541.00
10.59	585.00
30.60	540.00
44.00	541.00
17.94	543.00
14.71	551.00
18.55	568.00
6.46	567.00
8.28	569.00
10.42	581.00
6.59	566.00
3.62	581.00
6.53	558.00
4.36	544.00
3.14	557.00
8.87	550.00
11.25	555.00
7.02	541.00
17.58	551.00
18.57	549.00

9.49	552.00				
7.63	557.00				
1.95	567.00	8.21	8.60	12.98	8.40
4.10	542.00				
5.71	579.00	8.28	7.40	19.18	7.30
0.96	551.00				
14.13	568.00				
19.81	553.00				
22.40	576.00				
20.90	539.00	8.08	20.90	8.23	20.90
16.44	546.00				
13.86	551.00				
3.11	550.00				
1.60	565.00				
3.15	573.00				
11.40	561.00				
9.94	579.00				
6.46	563.00				
11.80	568.00				
10.54	575.00				
10.10	563.00				
4.40	575.00				
4.42	623.00				
1.21	573.00				
1.29	541.00				
8.95	582.00				
25.40	602.00				
21.10	579.00				
13.80	573.00				
14.00	636.00				

	616.00
1.88	586.00
12.23	637.00
3.67	654.00
19.40	605.00
7.18	625.00
2.58	611.00
11.56	625.00
5.68	587.00
3.44	634.00
17.71	599.00
99.50	502.00
9.04	587.00
6.52	600.00
6.31	602.00
7.96	505.00
9.13	603.00

7.72	589.00				
2.58	607.00				
3.96	588.00				
3.16	588.00				
5.18	606.00				
9.42	587.00				
10.57	571.00				
7.01	565.00				
6.97	574.00				
17.99	589.00				
6.52	596.00				
5.93	599.00				
2.79	608.00	7.70	8.40	11.06	8.30
3.11	596.00				
2.22	629.00	7.81	8.10	16.05	8.00
1.98	616.00				
8.60	600.00				

4.20	581.00				
2.41	609.00				
8.44	605.00	7.53	19.50	7.81	19.50
11.98	613.00				
4.26	650.00				
2.51	653.00				
1.34	652.00				
2.88	583.00				
4.75	581.00				
2.50	602.00				
4.35	584.00				
8.25	623.00				
7.43	634.00				
4.54	635.00				
3.02	646.00				

3.24	651.00
0.67	659.00
4.56	625.00
3.62	622.00
3.65	622.00
9.50	553.00
6.46	633.00
1.84	
1.80	660.00

1.60	341.00	7.71	21.90	8.31	21.80
0.70	349.00	7.66	19.80	8.91	19.80
0.73	289.00	7.64	17.60	9.14	17.50
1.07	262.00	7.51	12.70	9.86	12.60
0.71	225.00	9.17	9.60	12.97	9.50
1.97	194.00	7.49	1.10	14.07	1.10

12.10	227.00	7.66	2.20	13.90	2.10
2.37	190.00	8.37	11.20	12.85	11.10
10.90	162.00	7.18	8.60	11.50	8.60
3.58	174.00	7.37	14.50	10.27	14.40
1.99	203.00	7.60	18.10	9.56	18.10
4.74	223.00	7.40	23.60	8.20	23.50

2.06	270.00	7.32	33.10	8.09	23.00
0.79	331.00	7.46	18.70	8.73	18.70
0.61	389.00	7.64	14.10	10.83	13.40
0.35	279.00	7.54	15.80	10.73	15.90
0.40		7.74	7.30	16.45	7.20
	219.00	7.70	1.80	13.99	1.80
	202.00	8.18	4.20	13.70	4.00

205.00	7.74	6.10	12.25	6.00
215.00	8.01	2.50	13.50	2.40
197.00	7.56	4.30	13.02	4.20
198.00	7.57	6.20	11.70	6.10

2.94	247.00	7.66	27.60	8.03	27.70

1.90	215.00	7.72	18.80	9.06	18.70
1.36	209.00	7.83	10.80	11.68	10.80
1.46					
1.61	207.00	7.96	6.20	12.59	6.20

9.77	234.00	7.74	1.30	13.71	1.20
4.41	198.00	7.72	1.50	13.89	1.50
1.99	192.00	7.56	12.00	11.06	11.90
32.00	178.00				

8.89					
4.59	192.00	7.36	19.90	8.37	19.80
47.20	182.00				
3.89	214.00	7.15	27.60	7.07	27.50

4.16	245.00	7.44	21.10	8.11	21.10
3.26	263.00	7.46	17.00	8.53	17.10
2.18		7.90	7.00	12.83	6.90
6.32	156.00	7.45	26.10	8.11	26.00
4.23	156.00	7.65	22.80	8.84	22.80

4.50	155.00	7.55	18.80	8.75	18.80
3.52	148.00	7.51	10.30	11.06	10.30
2.46	141.00	7.97	6.60	12.81	6.60
3.69	133.00	7.52	1.40	13.96	1.30
29.70	131.00	7.33	3.00	13.42	2.90

2.35	137.00	7.42	12.20	11.04	12.20
12.60	124.00	6.98	9.90	11.20	9.90
6.31	126.00	7.24	17.00	9.73	17.10
8.68	133.00	7.60	19.00	9.06	18.90
15.70	132.00	7.17	23.10	8.26	23.00

6.97	145.00	7.02	26.80	7.43	26.80
4.55	158.00	7.26	20.20	8.51	20.20
6.00	159.00	7.43	11.40	10.75	11.30
3.06	164.00	7.33	17.40	9.12	17.30
2.80		7.64	7.20	13.33	7.10

2.93	294.00	7.34	23.80	6.81	23.80
1.02	261.00	7.58	20.90	8.71	20.90
1.23	195.00	7.70	18.30	9.39	18.20
1.49	199.00	7.77	13.10	10.04	13.00
0.78	190.00	9.00	8.60	14.22	8.60
2.39	185.00	7.71	1.30	14.46	1.30

1.69	177.00	8.32	12.80	12.69	12.80
11.40	158.00	7.22	10.00	11.43	9.90
4.84	141.00	7.35	17.40	10.09	17.40
3.22	166.00	7.42	19.80	9.18	19.80
5.01	171.00	7.42	24.80	8.57	24.70
2.14	230.00	7.25	24.50	7.40	24.40

1.19	230.00	7.36	19.20	8.26	19.30
0.45	216.00	7.41	16.10	9.09	16.10
1.05		7.96	7.00	13.75	6.90
1.81	557.00	8.15	27.00	8.86	27.10
0.85	557.00	8.21	24.00	9.12	24.00
0.70	578.00	8.32	19.10	10.31	19.20

0.91	533.00	8.45	12.80	11.81	12.80
0.57	562.00	8.41	8.20	13.67	8.20
13.70	930.00	7.85	4.00	13.27	3.90
2.02	607.00	8.61	3.40	16.32	3.60
1.02	559.00	8.49	14.30	14.36	14.50
1.27	559.00	8.52	14.30	14.39	14.50

13.00	429.00	7.93	11.80	11.68	11.70
4.02	443.00	7.94	18.90	9.89	18.90
2.74	526.00	7.91	19.60	8.28	19.60
44.30	272.00	7.60	24.00	7.58	24.00
1.57	565.00	7.78	28.50	8.26	28.50
6.57	489.00	7.86	21.30	8.68	21.30

1.42	535.00	7.94	12.40	9.95	12.30
1.16	589.00	7.90	17.40	9.54	17.40
1.69		8.35	8.90	14.64	8.90
18.80	346.00	7.74	24.90	7.64	25.00
2.17	329.00	7.66	22.20	8.06	22.20

2.13					
0.73	330.00	7.65	18.80	8.68	18.80
0.67	318.00	7.48	14.40	9.11	14.40

0.26	324.00	7.68	7.40	10.68	7.30
0.99	457.00	8.15	5.60	15.83	5.60
6.14	803.00	7.98	4.60	13.13	4.60
2.00	378.00	8.71	14.20	12.45	14.20

7.00	303.00	7.25	12.50	11.04	12.50
3.86	294.00	7.23	18.70	9.52	18.80
2.91	323.00	7.15	17.50	8.36	17.50
3.16	232.00	6.93	21.50	7.61	21.50

1.93	338.00	7.32	24.90	7.47	24.90
0.78	349.00	7.54	20.60	8.32	20.70
1.27	340.00	7.60	11.80	10.26	11.80
0.41	357.00	7.23	17.40	6.01	17.50

0.69	8.45	10.30	15.25	10.30
0.50	8.44	10.30	15.27	10.30
2.51				
4.93				

	7.66	0.30	14.04	0.20
128.00	7.93	4.20	13.01	4.00
95.00	7.69	5.90	12.01	5.80
172.00	7.20	0.20	13.58	0.20

202.00	7.32	4.10	11.96	3.90
209.00	7.28	5.80	10.44	5.60
402.00	8.09	3.60	14.33	3.50
415.00	7.88	4.60	12.42	4.40
404.00	8.43	6.60	14.25	6.50
303.00	8.14	3.30	14.02	3.20
339.00	7.99	5.50	11.67	5.40

	309.00	8.30	7.30	12.74	7.20

	216.00	7.74	18.50	8.93	18.50
0.35	432.00				
1.39	345.00				
1.82	278.00				
1.38	292.00				
1.41	292.00				
21.30	135.00				
2.57	276.00				

25.20	231.00
31.30	263.00
11.95	292.00
8.71	341.00
63.50	336.00
0.98	377.00
2.05	220.00
3.30	256.00
1.49	365.00
4.14	307.00
6.49	337.00
5.26	319.00
11.78	281.00
8.05	338.00
24.10	305.00
5.05	394.00
2.56	416.00

3.36	354.00
2.99	404.00
2.19	360.00
4.60	271.00
1.63	334.00
3.20	278.00
5.21	242.00
50.50	324.00
4.34	374.00
10.09	378.00
11.17	375.00
7.73	302.00
1.17	354.00
9.43	282.00
4.11	325.00
2.73	289.00
4.83	255.00

3.35	352.00
1.38	403.00
3.16	420.00
24.60	221.00
2.00	367.00
3.10	262.00
2.03	209.00
4.76	346.00
0.76	372.00
2.92	400.00
1.37	340.00
2.08	419.00

0.90	416.00
1.13	338.00
26.80	337.00

2.79	296.00
3.08	288.00
0.63	283.00
30.70	154.00

3.60	284.00

24.90	235.00

32.00	341.00

1.19	366.00

14.35	296.00

37.20	228.00

8.35	313.00

10.30	333.00

25.30	370.00
1.03	374.00
5.45	247.00
3.50	270.00
2.11	374.00
3.37	328.00
8.89	356.00
8.01	337.00

7.34	278.00

7.65	336.00

10.25	328.00

2.13	387.00

2.18	412.00

1.39	323.00
1.87	403.00
0.20	362.00
5.19	285.00
1.35	340.00
1.93	281.00
1.79	236.00
1.34	400.00
10.27	383.00
1.97	207.00

1.46	400.00

1.30	378.00
1.80	291.00
0.94	410.00

39.90	295.00
3.28	377.00

7.45	376.00

1.39	362.00
2.90	291.00
1.19	362.00
10.82	307.00
6.95	333.00
6.68	285.00

3.81	255.00
3.08	366.00
1.54	381.00
0.56	344.00
3.28	264.00
1.29	286.00
3.27	205.00

10.00	314.00

1.24	316.00
18.75	319.00
3.14	271.00
0.85	267.00
10.50	277.00
24.90	213.00
1.64	274.00
16.01	321.00
0.93	342.00
19.35	251.00
25.50	235.00
9.18	298.00
3.12	325.00
61.10	188.00

0.85	357.00
5.87	243.00
4.02	248.00
0.59	342.00
3.56	309.00
2.33	332.00
2.80	315.00
8.20	256.00
6.60	299.00
0.88	336.00
1.05	372.00
0.80	295.00
3.91	378.00
0.24	336.00
1.16	324.00
2.51	255.00
16.16	182.00

0.93	316.00
33.30	255.00
1.60	362.00
0.25	325.00
1.88	271.00
1.14	346.00
8.92	310.00
3.12	318.00
3.03	273.00
5.99	254.00
1.19	357.00
0.85	367.00
1.86	374.00
2.48	178.00
0.41	323.00
3.49	241.00

4.95	190.00
0.58	256.00
2.78	176.00
2.08	184.00
0.51	231.00
1.26	239.00
2.99	509.00
2.10	223.00
6.41	155.00
309.00	126.00
0.99	297.00
8.08	114.00
2.44	165.00
1.39	241.00
5.21	113.00
9.26	181.00
0.20	241.00
3.00	143.00
4.04	147.00
2.33	206.00
1.16	183.00
1.51	201.00
0.90	200.00
3.10	196.00
8.88	218.00
10.00	275.00
3.50	349.00
2.38	354.00
1.29	316.00
0.91	349.00
1.34	268.00

0.94	213.00
0.63	253.00
1.38	204.00
5.29	183.00
5.80	303.00
10.72	256.00
1.59	261.00
1.39	265.00
0.33	226.00
3.38	168.00
1.11	199.00
1.95	196.00
2.77	273.00
4.07	334.00
3.47	355.00
1.24	352.00
2.21	335.00
1.07	218.00
0.35	296.00
2.21	174.00
6.44	205.00
4.27	336.00
4.12	350.00
3.12	274.00
1.05	344.00
4.27	271.00
3.93	214.00
3.85	183.00
3.36	166.00
2.38	194.00

3.49	194.00
3.15	96.00
1.52	157.00
3.74	148.00
85.30	245.00
0.73	221.00
5.36	107.00
1.75	207.00
3.95	199.00
1.33	292.00
2.34	121.00
1.54	294.00
0.52	261.00
1.30	120.00
1.75	157.00
1.74	223.00
0.64	257.00
1.48	162.00
5.52	314.00
8.83	160.00
5.46	263.00
4.88	268.00
3.04	326.00
2.03	340.00
1.61	336.00
0.55	445.00
0.25	178.00
0.83	244.00
2.44	280.00
19.23	106.00

2.53	268.00
9.86	263.00
2.36	270.00
0.69	206.00
0.70	252.00
0.74	272.00
1.81	182.00
1.06	373.00
5.29	201.00
1.22	264.00
1.42	358.00
1.33	295.00
0.52	328.00
0.59	277.00
0.62	210.00
0.27	262.00
0.46	230.00
3.94	215.00
5.06	246.00
4.27	153.00
1.58	308.00
0.93	414.00
3.65	314.00
1.04	393.00

0.53	255.00
5.78	195.00
4.93	127.00
3.27	136.00
1.32	177.00
2.11	189.00
12.47	91.00
2.42	176.00
6.18	127.00
185.60	91.00
4.91	243.00
8.49	100.00
3.24	127.00
3.37	186.00
7.12	100.00
7.35	146.00
0.82	182.00
3.12	116.00
2.20	114.00
4.39	151.00
1.14	134.00
1.52	148.00
4.33	142.00
2.87	138.00
4.41	167.00
6.19	219.00
8.07	299.00
4.64	307.00
1.51	265.00
10.69	307.00
6.48	202.00

1.22	159.00
2.52	197.00
1.98	155.00
6.18	145.00
6.76	269.00
12.34	205.00
2.28	196.00
4.58	206.00
0.63	168.00
2.01	123.00
1.32	146.00
4.43	129.00
6.21	212.00
3.07	294.00
3.30	315.00
0.78	300.00
1.18	279.00
1.69	165.00
0.48	236.00
3.64	124.00
3.25	213.00
1.74	296.00
6.43	301.00
4.70	216.00
1.31	293.00
0.70	513.00
3.37	504.00
0.44	475.00
1.69	524.00
0.10	490.00
2.03	497.00
1.86	491.00

1.48	499.00
6.14	545.00
2.06	500.00
0.40	524.00
0.03	470.00
0.20	484.00
0.44	491.00
0.28	482.00
0.37	450.00
0.18	460.00
0.76	498.00
1.18	476.00
0.47	515.00
0.64	504.00
0.47	511.00
0.21	512.00
0.49	507.00
0.40	603.00
0.34	520.00
0.08	495.00
0.55	551.00
0.49	530.00
0.43	570.00
0.66	537.00
1.45	579.00
1.95	550.00
2.24	538.00
1.45	528.00
1.00	543.00
0.03	556.00
1.22	479.00
0.77	530.00

0.44	574.00
1.05	538.00
2.19	609.00
1.60	573.00
0.68	535.00
0.63	511.00
0.81	537.00
0.66	519.00
0.52	538.00
0.89	549.00
1.24	508.00
1.21	523.00
1.99	573.00
2.08	556.00
2.26	543.00
5.42	596.00
9.88	689.00
1.72	565.00
1.21	566.00
0.64	544.00
4.54	690.00
4.71	606.00
3.76	537.00
2.02	590.00
5.69	665.00
7.99	643.00
2.82	602.00
1.80	528.00
6.89	414.00
1.66	779.00
0.92	481.00

2.54	514.00
2.06	645.00
3.49	721.00
3.66	498.00
2.44	680.00
2.56	740.00
0.77	479.00
4.35	589.00
10.38	620.00
7.50	692.00
4.70	594.00
1.41	548.00
2.50	867.00
2.09	678.00
2.79	912.00
3.55	595.00
4.77	737.00
5.61	591.00
4.46	543.00
1.65	582.00
3.23	710.00
1.54	602.00
1.07	703.00
1.51	591.00
1.42	537.00
2.25	520.00
2.10	551.00
1.45	500.00
1.75	513.00
1.28	545.00
1.10	550.00
1.48	586.00

2.31	843.00
1.32	585.00
1.36	564.00
1.26	692.00
3.29	505.00
1.12	534.00
1.26	546.00
1.94	601.00
2.24	746.00
3.14	608.00
1.09	607.00
	174.00
0.48	102.00
1.97	79.00
0.06	98.00
1.59	103.00
2.87	57.00
1.51	104.00
3.13	76.00
0.44	98.00
0.71	92.00
3.67	146.00
3.16	70.00

1.38	84.00
2.12	66.00
0.94	68.00
0.09	94.00
0.14	83.00
0.22	88.00
2.04	86.00
0.76	95.00
1.27	125.00
2.61	100.00
0.29	188.00
0.27	122.00
10.86	177.00
0.56	102.00
0.79	81.00
0.23	100.00
4.13	87.00
2.76	81.00
0.95	167.00
2.79	112.00
10.10	126.00
0.44	131.00
0.45	93.00
	97.00
1.32	63.00

1.23	81.00
1.59	79.00
3.03	172.00
1.35	204.00
7.12	177.00
0.52	122.00
0.36	112.00

1.18	73.00
1.10	132.00
0.33	109.00
1.96	62.00
2.12	68.00
2.20	70.00
4.54	76.00
2.18	57.00
1.25	79.00
5.39	49.00
44.40	38.00
2.73	116.00
2.30	102.00
2.79	90.00

1.95	96.00
2.73	123.00
5.29	48.00
3.41	58.00
0.69	93.00
1.71	60.00
1.13	51.00
0.41	74.00
0.89	64.00
1.97	68.00
2.33	74.00
3.66	55.00
3.15	141.00
6.81	123.00
0.75	197.00
1.94	199.00
1.31	168.00
0.02	182.00
4.06	131.00
4.32	69.00
0.11	94.00
1.00	60.00
4.90	74.00

1.48	122.00
1.35	163.00
1.31	115.00
0.16	146.00
6.80	95.00
1.09	79.00
1.98	45.00
1.43	61.00
1.84	75.00
0.82	109.00
4.48	117.00
1.30	182.00
1.74	96.00
0.74	97.00
0.49	99.00
1.03	54.00
2.16	57.00

2.19	58.00
0.60	139.00
1.60	151.00
0.09	153.00
1.46	165.00
2.43	505.00
6.07	503.00
4.69	514.00
6.83	543.00
3.79	529.00
6.76	120.00
15.72	520.00
21.30	523.00
121.40	423.00
19.33	556.00
43.50	491.00
20.10	547.00
14.62	552.00
22.40	514.00
49.40	388.00
8.37	557.00
9.31	471.00
6.72	481.00
3.15	536.00
7.54	505.00
7.49	506.00
3.62	512.00

13.77	490.00
10.08	526.00
16.16	504.00
10.59	520.00
4.85	512.00
12.06	507.00
3.46	503.00
3.80	521.00
4.58	513.00
2.27	516.00
9.66	521.00
12.18	502.00
23.50	518.00
48.10	502.00
8.13	524.00
3.32	523.00
2.32	506.00
6.33	431.00
2.75	507.00
4.11	505.00
12.10	505.00
9.84	498.00
15.80	527.00
2.94	511.00
3.49	533.00
2.05	524.00
1.22	531.00
7.34	498.00
15.30	451.00

11.50	528.00
6.42	516.00
5.83	514.00
3.59	507.00
0.42	164.00
1.04	107.00
1.21	105.00
0.86	135.00
1.04	132.00
3.24	58.00
1.35	113.00
5.99	109.00
20.60	53.00
6.30	239.00
3.41	64.00
3.47	123.00
4.20	112.00
8.16	221.00
1.87	98.00
1.57	127.00
0.42	202.00
1.56	91.00
0.58	100.00
0.61	150.00
0.46	123.00
0.18	136.00
1.24	135.00
2.70	111.00
9.85	192.00
3.46	280.00
8.18	314.00

9.83	265.00
1.50	326.00
0.16	167.00
0.64	126.00
2.76	120.00
59.90	57.00
3.17	255.00
6.13	243.00
0.56	164.00
0.67	197.00
0.77	131.00
0.75	144.00
3.01	82.00
0.94	118.00
2.27	93.00
1.57	192.00
1.77	313.00
1.14	248.00
0.79	243.00
1.08	118.00
1.29	179.00

0.78	102.00
3.01	93.00
0.52	266.00
1.18	161.00
5.26	117.00
1.20	134.00
0.62	171.00
0.59	173.00
2.57	74.00
3.17	153.00
7.10	97.00
1.33	286.00
2.57	116.00
2.32	186.00
1.39	192.00
1.30	247.00
2.78	132.00
1.52	216.00
3.69	126.00
2.51	148.00
1.65	182.00
0.91	187.00
3.37	198.00
4.02	200.00
4.35	163.00

2.65	
1.80	268.00
0.63	283.00
8.22	244.00
0.04	280.00
12.23	196.00
0.50	168.00
1.40	163.00
17.97	79.00
1.85	253.00
1.12	265.00
1.60	254.00
1.32	253.00
0.63	196.00
	175.00
6.50	107.00
1.60	141.00
3.10	113.00
1.31	266.00
3.08	288.00
1.26	236.00
0.60	234.00
1.15	157.00

0.58	211.00
1.87	127.00
2.63	143.00
8.27	155.00
2.68	178.00
5.90	142.00
1.49	146.00
2.39	143.00
5.24	114.00
3.72	143.00
12.06	85.00
140.40	110.00
16.39	160.00
13.77	119.00
7.54	119.00

12.45	207.00
11.84	
5.90	146.00
5.11	94.00
4.88	125.00
4.90	103.00
10.89	113.00
9.64	98.00
12.27	148.00
19.00	149.00
6.59	350.00
8.06	592.00
7.33	302.00
16.20	531.00
1.96	258.00
2.69	134.00
3.00	154.00

3.12	101.00
15.44	129.00
3.85	248.00
10.58	227.00
4.49	167.00
7.65	242.00
2.81	188.00
3.70	124.00
7.15	108.00
4.09	109.00
18.60	121.00
3.12	129.00
17.50	173.00
2.98	411.00
3.55	150.00
3.15	180.00

3.36	193.00
1.31	157.00
4.45	116.00
2.37	120.00
5.56	98.00
10.06	142.00
3.52	247.00
6.46	277.00
2.73	263.00
2.26	246.00
0.35	320.00
2.71	230.00
7.03	182.00
1.51	221.00
0.72	224.00
1.21	217.00
4.87	307.00
5.62	256.00
3.97	353.00
0.55	352.00
0.72	307.00

1.36	297.00
2.40	294.00
2.00	292.00
2.38	264.00
2.59	313.00
0.81	371.00
0.37	398.00
1.15	353.00
0.93	380.00
0.15	302.00
1.71	238.00
2.47	255.00
1.37	200.00
7.68	270.00
1.27	342.00
17.37	221.00
0.77	348.00
0.10	369.00
0.31	316.00
1.47	291.00
6.48	192.00
1.50	248.00
1.80	225.00

1.36	250.00
1.13	352.00
0.85	338.00
0.31	337.00
0.51	320.00
0.86	244.00
0.45	288.00
1.87	210.00
0.96	213.00
2.83	203.00
4.23	260.00
1.53	376.00

1.30	302.00
1.42	302.00
0.33	368.00
1.53	273.00
2.42	239.00
5.49	165.00
1.42	194.00
1.30	207.00
1.85	200.00
5.32	209.00
6.30	244.00
5.06	261.00
1.73	280.00
1.85	261.00
2.40	229.00
2.80	228.00
2.93	237.00
6.53	195.00
19.28	261.00
7.13	349.00
2.59	383.00
4.08	343.00
1.87	369.00
2.54	288.00
1.02	208.00

0.93	230.00
1.96	173.00
4.05	208.00
7.38	329.00
6.48	238.00
0.69	312.00
1.33	347.00
0.74	299.00
1.22	257.00
6.30	135.00
1.56	202.00
1.88	191.00
1.50	241.00
1.87	339.00
1.34	320.00
0.67	292.00
1.24	285.00

1.06	226.00
0.55	274.00
1.80	183.00
1.30	189.00
3.61	150.00
5.23	242.00
1.50	280.00
1.42	263.00
1.21	277.00
0.95	359.00

0.22	378.00
0.63	329.00
1.44	266.00
4.81	272.00
27.00	234.00

39.80	198.00

19.00	294.00

2.80	323.00

5.89	348.00

19.51	221.00

14.48	169.00

0.35	325.00

5.42	264.00

4.39	330.00

1.82	357.00

0.94	184.00

3.16	308.00

0.74	240.00
15.73	155.00
2.15	217.00
0.21	245.00
1.78	237.00
18.92	98.00
2.11	211.00
11.52	163.00
72.50	151.00
4.09	202.00
10.46	177.00
2.37	184.00
1.46	268.00
1.06	235.00
4.32	174.00
2.22	227.00
2.49	205.00
1.86	219.00
3.62	222.00
6.96	206.00
5.47	273.00
2.79	247.00
2.30	214.00

1.62	243.00
3.06	164.00
12.32	239.00
1.01	253.00
0.53	257.00
5.95	181.00
3.87	179.00
2.62	196.00
1.62	302.00
8.88	127.00
1.28	210.00
0.52	265.00
2.04	189.00
3.11	181.00
3.52	285.00
1.46	270.00
1.46	268.00
1.67	229.00
13.09	148.00
4.05	211.00
1.16	237.00
2.39	229.00
18.52	100.00

4.01	207.00
11.27	165.00
74.10	163.00
4.40	247.00
11.94	185.00
4.71	183.00
2.58	250.00
2.68	246.00
2.65	177.00
1.63	240.00
2.06	209.00
3.15	228.00
4.02	226.00
6.84	212.00
8.58	268.00
2.96	289.00
2.06	257.00
4.53	202.00
2.98	239.00
5.40	162.00
16.20	214.00
1.95	249.00
1.45	253.00
3.80	191.00
3.22	181.00
3.06	193.00
3.18	305.00
1.74	303.00
9.43	134.00

1.18	214.00
0.62	252.00
4.67	189.00
3.21	181.00
2.83	287.00
2.47	278.00
0.44	264.00
2.28	228.00
14.66	147.00
3.03	213.00
0.45	239.00
1.40	232.00
15.33	98.00
2.93	206.00
8.86	162.00
59.90	159.00
4.84	222.00

12.20	186.00
3.94	182.00
2.02	251.00
1.99	236.00
2.72	174.00
1.28	228.00
1.92	210.00
1.90	218.00
3.81	216.00
7.33	206.00
6.51	267.00
3.55	280.00
1.40	247.00
2.87	204.00
1.50	241.00
3.27	162.00
14.51	205.00

0.94	250.00
1.67	254.00
6.36	186.00
3.37	177.00
2.56	195.00
2.39	292.00
1.26	306.00
9.64	129.00
1.27	213.00
0.77	252.00
2.26	188.00
3.15	180.00
2.65	295.00
2.88	270.00
1.14	238.00
12.26	154.00

3.48	218.00
0.48	245.00
1.27	239.00
16.59	99.00
5.34	211.00
9.27	164.00
56.40	152.00
6.55	207.00
10.17	178.00
3.38	183.00
2.58	264.00
1.46	235.00
2.17	175.00
1.66	229.00
2.13	206.00
2.12	220.00
5.89	225.00
7.91	205.00
6.06	270.00
3.23	286.00
3.41	248.00
2.76	215.00
1.89	244.00
3.85	165.00
10.13	225.00
3.49	254.00
1.88	258.00
3.22	181.00
3.64	181.00

3.04	196.00
2.19	295.00
2.13	306.00
8.31	127.00
1.38	213.00
0.61	267.00
1.96	
3.00	181.00
3.01	285.00
2.59	267.00
8.36	240.00
1.44	212.00
7.90	143.00
1.06	257.00
3.18	241.00
11.54	107.00
4.43	206.00
9.10	156.00
19.96	192.00
5.24	282.00
4.80	165.00
21.20	100.00
46.00	91.00
2.56	164.00
2.52	151.00
2.82	170.00

1.09	223.00
2.09	196.00
2.07	213.00
4.53	463.00
6.19	475.00
26.30	272.00
3.75	372.00
144.60	343.00
2.80	459.00
1.78	456.00
34.90	175.00
15.07	328.00
1.33	479.00
63.10	275.00
3.01	390.00
1.63	421.00
33.70	238.00
6.23	387.00
56.20	445.00
18.42	441.00
18.21	439.00

1.72	484.00
2.02	427.00
10.14	445.00
3.97	454.00
5.94	437.00
5.56	395.00
7.70	461.00
7.35	456.00
2.07	488.00
2.15	453.00
0.30	470.00
4.52	429.00
3.67	443.00
107.90	416.00
12.33	471.00
3.51	473.00
1.94	469.00

3.01	474.00
22.20	367.00
5.02	460.00
5.05	411.00
3.70	459.00
16.30	360.00

1.11	400.00
0.82	443.00
4.92	383.00
3.07	489.00
0.59	491.00
2.31	470.00
53.90	297.00
13.85	378.00
3.05	392.00
21.80	244.00
6.92	394.00

184.30	391.00
19.88	431.00
21.70	442.00
1.96	473.00
2.82	416.00
5.06	440.00
5.94	452.00
5.26	444.00
6.98	393.00
15.09	458.00
13.88	437.00
4.82	475.00
4.50	433.00
0.91	471.00
4.78	414.00
6.90	425.00
4.05	403.00
5.22	380.00
108.40	369.00
15.79	467.00
3.63	467.00
4.84	471.00
1.85	463.00
20.00	355.00
6.36	462.00
7.00	409.00
7.10	494.00
13.00	364.00
1.17	405.00

0.84	455.00
8.28	393.00
5.88	512.00
0.61	497.00
5.26	507.00
1.19	502.00
24.80	299.00
12.06	445.00
23.00	304.00
175.30	335.00
10.10	494.00
7.98	533.00
10.23	512.00
1.26	434.00
3.33	466.00
1.73	546.00

3.40	483.00
6.17	499.00
6.02	490.00
16.10	507.00
17.75	469.00
9.35	498.00
8.54	524.00
1.70	545.00
2.48	535.00
6.26	455.00
2.78	497.00
2.76	513.00
1.29	523.00
5.97	403.00
9.48	384.00
0.82	502.00

1.78	467.00
3.38	426.00
3.97	532.00
2.97	579.00
2.36	364.00
5.37	264.00
1.26	289.00
3.59	305.00
12.91	358.00
191.00	292.00
2.21	393.00
5.67	408.00
11.81	381.00
9.71	369.00
15.09	390.00
61.40	343.00

1.60	314.00
1.25	395.00
3.28	374.00
3.79	384.00
7.73	372.00
5.82	331.00
7.18	397.00
16.90	385.00
3.99	422.00
2.40	398.00
0.79	378.00
81.50	335.00
2.27	427.00
1.06	369.00
29.10	298.00
20.60	344.00
18.68	335.00

16.07	319.00
59.60	280.00
27.20	335.00
65.10	388.00
97.50	333.00
14.53	385.00
10.92	368.00
19.65	362.00
25.30	400.00
19.98	389.00
75.80	393.00
4.71	404.00
9.31	353.00
18.40	377.00
26.30	373.00
29.10	371.00

19.11	351.00
44.90	255.00
20.50	382.00
113.60	345.00
20.50	354.00
16.78	380.00
19.59	358.00
72.40	282.00
19.94	361.00
27.50	351.00

17.41	409.00
7.69	424.00
41.40	409.00
11.32	389.00
25.00	343.00

13.50	381.00
13.70	332.00
12.60	348.00
9.12	308.00
12.70	339.00
19.90	371.00
11.80	345.00
6.88	343.00
21.50	338.00
11.94	336.00
19.00	302.00
27.40	369.00
13.70	363.00
5.60	365.00
3.28	351.00
29.00	498.00
19.87	492.00

12.12	487.00
4.11	452.00
66.20	449.00
16.00	458.00
57.10	485.00
62.50	471.00
6.21	454.00
9.10	449.00
21.00	461.00
1.06	494.00
66.80	478.00
68.30	493.00
9.42	477.00
13.32	485.00
52.20	474.00
21.40	447.00
15.85	428.00
9.29	439.00
19.84	439.00
92.40	420.00
24.60	411.00
13.29	464.00

91.50	359.00
37.80	475.00
32.70	450.00

16.86	483.00
13.84	500.00
59.00	516.00
8.81	473.00
34.10	459.00
12.10	457.00
5.33	443.00
14.90	419.00
12.10	419.00
27.20	384.00
30.10	452.00
16.00	474.00
8.00	452.00
27.90	496.00
9.58	476.00
9.50	471.00
14.20	471.00
15.10	469.00
5.63	470.00

26.10	219.00

29.60	272.00
20.80	266.00
31.10	256.00
60.10	196.00
37.40	262.00
66.50	283.00
101.60	248.00
9.26	330.00
15.00	317.00
22.20	309.00
36.10	340.00
16.46	346.00
101.10	283.00
2.42	332.00
9.60	273.00
9.65	298.00
37.80	296.00
21.50	270.00
28.00	335.00
24.80	311.00
120.90	294.00
11.91	325.00

19.58	339.00
67.90	250.00
13.80	311.00
16.91	285.00

18.89	329.00
3.93	333.00
13.57	293.00
10.68	301.00
27.40	212.00
18.00	288.00
21.60	253.00
8.87	304.00
10.02	263.00
13.20	319.00
14.70	336.00
15.00	301.00
6.78	312.00
17.60	242.00
14.80	261.00
23.00	217.00
25.30	302.00

13.90	324.00
6.26	328.00

43.60	345.00
14.23	371.00
22.50	342.00
21.30	358.00
8.28	353.00
12.00	339.00
22.30	282.00
9.75	325.00
10.39	348.00
8.39	351.00
17.17	362.00
14.36	364.00
7.73	363.00
22.70	369.00
9.49	368.00
17.78	372.00
10.38	358.00
15.72	399.00
4.61	355.00
16.65	338.00
16.64	337.00
14.17	319.00
13.00	319.00
10.51	342.00

17.17	347.00
11.92	354.00
7.24	364.00
25.30	370.00
10.52	361.00
25.40	363.00
86.30	275.00
4.63	342.00
2.22	321.00
18.76	280.00

6.66	359.00
4.90	366.00
13.11	363.00
3.38	350.00
13.10	282.00
6.65	330.00
7.86	323.00
7.78	346.00
9.10	342.00
2.84	348.00
2.55	374.00
3.68	375.00
7.69	373.00
6.50	363.00
15.00	340.00
3.47	339.00

8.22	309.00
7.66	344.00
2.79	350.00
3.70	369.00
3.77	373.00
2.65	552.00
3.20	652.00
3.91	713.00
3.76	634.00
30.60	612.00
2.29	592.00
7.17	636.00
3.74	626.00
2.94	648.00
4.49	642.00
0.65	700.00
7.41	634.00
5.97	611.00
6.22	614.00
4.00	596.00
12.28	521.00
3.21	572.00
6.06	590.00
2.22	636.00
0.60	643.00
1.83	602.00
19.40	559.00
1.41	539.00
2.78	637.00

0.89	583.00
8.79	396.00
1.91	627.00
0.61	599.00
1.46	639.00
4.23	617.00
2.06	657.00
17.17	365.00
0.57	280.00
1.82	226.00
0.36	193.00
0.71	176.00
2.49	129.00
0.63	172.00
1.57	162.00
6.86	172.00
1.55	202.00
0.99	218.00

2.42	152.00
13.66	80.00
11.82	210.00
1.03	119.00
0.80	131.00
0.65	193.00
0.79	145.00
1.46	159.00
5.18	282.00
5.25	271.00
13.53	167.00
4.14	250.00
19.73	263.00
8.53	246.00
7.86	206.00
18.75	128.00

6.40	201.00
4.23	399.00
3.99	490.00
9.41	562.00
1.74	477.00
6.78	474.00
340.00	416.00
5.18	503.00
27.60	475.00
19.86	495.00
2.58	508.00
7.38	481.00
2.57	504.00
9.08	481.00
7.17	480.00
4.00	443.00

7.37	459.00
32.50	441.00
14.62	438.00
10.43	443.00
3.16	486.00
1.66	477.00
2.86	444.00
33.20	417.00
4.78	489.00
1.56	494.00
3.68	511.00
3.74	484.00
20.10	409.00
3.22	485.00
1.20	494.00
2.17	522.00

2.54	504.00
28.60	472.00
5.68	478.00
1.75	557.00
18.32	636.00
1.03	514.00
14.08	537.00
26.40	492.00
20.10	468.00
19.50	458.00
18.67	515.00
1.94	536.00
3.37	547.00
2.78	549.00
4.62	541.00
7.84	516.00

3.84	489.00
13.32	539.00
22.20	488.00
15.88	515.00
15.12	496.00
3.32	567.00
1.36	562.00
3.10	483.00
85.70	461.00
3.49	522.00
2.72	567.00
2.24	516.00
6.90	489.00
4.43	560.00
0.50	521.00
1.77	569.00

4.16	566.00
4.21	536.00
2.89	565.00
5.66	612.00
19.46	548.00
13.84	575.00
53.60	556.00
17.59	554.00
152.20	499.00
19.81	558.00
13.01	560.00
56.90	597.00
9.54	570.00
7.57	430.00
1.76	273.00
0.48	326.00
4.49	359.00
5.84	450.00
10.42	449.00
4.24	504.00

2.83	496.00
7.14	497.00
2.81	469.00
9.63	488.00
4.28	422.00
2.89	477.00
2.62	438.00
4.03	462.00
2.87	454.00
6.74	427.00
13.90	481.00
11.69	491.00
8.89	495.00
2.31	484.00
1.53	470.00
9.93	481.00
5.39	491.00

1.54	477.00
0.14	355.00
0.64	278.00
1.10	147.00
1.01	188.00
2.86	199.00
5.81	248.00
3.77	314.00
4.74	349.00
4.46	372.00
3.76	328.00
3.02	340.00
15.38	258.00
0.58	347.00
0.95	201.00
1.10	214.00

1.53	282.00
2.47	219.00
2.67	332.00
6.15	373.00
2.45	356.00
4.51	331.00
0.86	389.00
0.71	298.00
1.17	216.00
0.84	270.00
3.14	227.00
15.49	163.00

1.06	328.00
0.80	344.00
3.41	260.00

1.29	296.00
4.11	110.00
2.66	258.00
2.13	216.00

1.33	287.00
2.09	364.00
3.05	380.00
7.03	368.00
3.54	145.00
1.26	237.00
3.18	310.00
7.49	195.00
3.30	200.00

1.44	171.00
0.98	367.00
20.10	280.00
1.20	390.00
0.63	389.00
0.47	392.00
0.59	581.00
17.57	177.00
5.23	236.00
3.12	286.00
13.80	110.00
5.39	239.00
3.05	477.00
12.56	283.00
5.05	393.00
27.80	174.00

20.60	388.00
0.43	472.00
2.08	229.00
2.10	288.00
4.31	410.00
4.08	408.00
5.01	279.00
4.07	439.00
12.53	513.00
1.36	544.00
1.24	422.00
1.47	561.00
0.44	445.00
3.48	296.00
6.46	307.00
2.96	269.00
1.67	477.00

17.31	272.00
1.12	448.00
0.38	355.00
1.47	435.00
5.13	259.00
3.72	207.00
0.18	24.00
0.04	21.00
0.84	22.00
0.31	23.00
1.44	20.00
0.03	22.00
0.34	23.00
1.56	23.00
0.58	28.00
0.57	26.00

0.34	26.00
0.46	28.00
1.17	24.00
0.96	24.00
0.29	25.00
0.05	21.00
0.75	21.00
0.51	21.00
1.53	24.00
0.11	25.00
0.20	29.00
0.22	26.00
0.56	32.00
0.66	22.00
0.43	20.00
5.16	20.00
0.34	22.00

0.33	
2.92	22.00
0.42	27.00
3.98	25.00
0.81	26.00
0.42	26.00
0.30	24.00
	21.00
0.50	22.00
0.52	21.00
0.97	25.00
0.50	29.00
0.37	34.00

0.52	32.00
0.65	21.00
0.37	22.00
0.28	21.00
0.77	25.00
0.30	31.00
0.32	31.00
4.32	340.00
2.32	305.00
6.70	263.00
1.78	271.00
4.01	271.00
19.95	335.00
108.30	287.00
6.21	354.00
8.31	374.00
13.83	309.00
10.27	322.00
1.13	383.00
1.14	300.00

9.96	326.00
3.48	335.00
8.97	316.00
15.24	362.00
21.80	362.00
8.02	342.00
5.79	361.00
2.89	360.00
3.01	331.00
6.53	305.00
4.07	313.00
5.64	296.00

7.83	382.00
0.79	388.00
2.39	365.00
5.39	343.00
4.39	303.00
4.31	363.00
9.53	363.00
5.04	344.00
3.89	363.00
2.80	361.00
1.35	288.00

1.62	331.00
9.59	286.00
3.24	281.00
6.24	243.00
30.50	282.00
11.90	371.00
6.72	375.00
2.75	393.00
0.60	371.00
3.34	283.00
5.57	256.00
7.61	249.00
6.19	254.00
9.81	339.00
36.00	368.00
18.45	354.00
6.39	355.00
13.85	354.00
9.46	369.00
47.80	327.00
2.85	350.00

5.14	323.00
2.98	333.00
8.37	326.00
5.35	343.00
8.17	354.00
2.60	344.00
1.99	335.00
1.58	347.00
1.29	304.00
3.13	293.00
9.61	303.00
7.50	295.00
	392.00

3.61	368.00
1.73	348.00
2.45	328.00
2.97	337.00
6.96	196.00
4.32	337.00
4.08	306.00
3.64	318.00
3.19	321.00
5.89	329.00
3.97	320.00
5.16	345.00
3.60	321.00

3.22	312.00
3.07	283.00
1.75	275.00
5.73	255.00
3.39	320.00
16.70	259.00
3.51	336.00
1.26	337.00
1.22	332.00
2.32	526.00
15.62	501.00
7.93	537.00
7.49	519.00
19.41	492.00
17.58	530.00
56.50	511.00
12.13	568.00
13.34	557.00
6.50	574.00

3.71	570.00
9.42	573.00
12.37	557.00
8.64	538.00
29.30	553.00
27.80	549.00
18.78	542.00
5.05	553.00
13.83	538.00
2.63	541.00
16.55	546.00
10.20	527.00
21.50	523.00
41.60	547.00
23.80	569.00
20.20	550.00
10.16	561.00

4.04	582.00
5.68	541.00
13.00	549.00
8.91	563.00
11.30	536.00
16.10	556.00
9.77	541.00
4.54	566.00
3.33	557.00
17.90	551.00
13.10	549.00
2.98	551.00
0.72	605.00
1.32	356.00
11.73	350.00
0.90	403.00
7.15	364.00
9.83	264.00
9.09	361.00

342.00	277.00
10.20	546.00
13.41	505.00
15.49	461.00
3.95	512.00
0.82	518.00
1.96	468.00
3.23	486.00
2.67	443.00
13.09	433.00
13.13	528.00
92.30	278.00
7.90	597.00
5.01	496.00
5.69	426.00
2.55	434.00
17.62	436.00
13.33	519.00
6.62	427.00
2.52	519.00
6.61	331.00
3.71	473.00
1.90	409.00
2.49	547.00
3.51	585.00
1.19	468.00
0.99	496.00
1.39	426.00
2.78	400.00
4.13	329.00
9.62	372.00

2.46	607.00
1.26	449.00
1.24	47.00
0.33	58.00
0.55	52.00
1.92	35.00
0.86	48.00
29.90	56.00
1.45	331.00
0.48	108.00
2.40	52.00
0.77	75.00
13.93	39.00
0.16	136.00
1.26	43.00
0.85	51.00
0.83	68.00

0.98	62.00
1.33	66.00
1.25	54.00
1.59	40.00
0.50	97.00
1.26	47.00
0.62	60.00
0.65	60.00
0.82	45.00
0.95	48.00
0.51	41.00
0.78	37.00
1.10	54.00

0.78	96.00
0.70	406.00
1.42	340.00
11.32	153.00
1.60	239.00
152.60	258.00
2.01	487.00
5.67	306.00
20.30	148.00
10.11	384.00
2.04	219.00
2.93	402.00
2.84	383.00
4.44	271.00
2.64	386.00
2.45	432.00
1.69	451.00
1.07	367.00
2.24	277.00
6.38	343.00
1.71	377.00
2.08	422.00
0.49	303.00
4.00	258.00
0.80	383.00
1.01	439.00
0.64	375.00

16.24	540.00
5.47	600.00
30.40	730.00
14.91	655.00
52.20	550.00
3.52	611.00
18.84	639.00
21.40	566.00
5.10	638.00
9.09	640.00
5.65	615.00
5.62	614.00
1.26	623.00
11.47	613.00
3.89	613.00

8.99	700.00
18.92	667.00
4.72	578.00
10.97	627.00
2.15	636.00
3.98	647.00
9.90	801.00
6.98	654.00
1.33	687.00
1.55	647.00
1.66	545.00
1.07	406.00
12.52	193.00
1.46	286.00
156.90	279.00
3.10	508.00
4.68	323.00
22.00	166.00
9.38	424.00

2.29	245.00
2.76	423.00
3.58	412.00
3.44	287.00
1.37	432.00
1.88	520.00
0.50	535.00
1.18	429.00
3.27	304.00
1.95	294.00
2.10	478.00
0.35	464.00
0.46	352.00
4.64	266.00
1.49	359.00
1.08	637.00
1.03	425.00
14.22	550.00
2.91	566.00
2.43	573.00
6.41	547.00
5.04	550.00
20.10	515.00
19.48	493.00
8.74	527.00
27.80	593.00
19.56	476.00
1.78	559.00
2.87	565.00

4.50	562.00
4.05	563.00
2.89	552.00
4.29	521.00
4.35	520.00
6.23	489.00
1.85	496.00
1.85	531.00
1.58	496.00
9.13	538.00
8.16	555.00
3.93	521.00
2.33	502.00
15.52	467.00
16.25	496.00
2.96	532.00
3.07	567.00
2.05	570.00
5.01	544.00
5.05	521.00
1.13	254.00
4.06	227.00
5.78	221.00

13.26	2.70
11.98	6.30
12.74	4.60

3.23	384.00			12.16	5.60
3.19	167.00	7.70	6.00	12.24	5.90
5.40	161.00	7.47	4.20	12.92	4.00
3.06	189.00			12.90	4.80
2.76	175.00	7.96	1.60	14.03	1.50
12.90	171.00	7.52	3.80	12.69	3.50
3.67	181.00	7.86	1.40	13.63	1.30

4.16	210.00			9.24	4.90
6.56					
3.89	127.00			6.74	5.40
2.32	118.00	7.72	1.50	14.02	1.50
10.03	111.00	7.30	4.10	13.19	4.10

2.83	95.00	7.18	6.30	12.47	6.20
3.99	91.00	7.03	5.30	12.76	5.10
2.49	99.00			8.32	6.40

1.96	92.00	7.52	1.60	14.15	1.50
2.76	121.00	7.62	1.50	13.75	1.40
8.62	113.00	7.45	4.40	12.76	4.20
4.92	117.00	7.28	5.80	12.27	5.70

5.00	129.00			8.33	5.60
6.13	177.00			9.35	4.90
3.31	152.00	7.53	1.50	13.79	1.40
6.90	146.00	7.00	5.40	12.41	5.30
	141.00	7.31	3.90	13.04	3.70
10.75	141.00	7.31	3.90	13.04	3.70

5.87					
7.17	165.00	7.34	4.80	13.11	4.70
5.18					
2.93	186.00	7.51	2.40	14.33	2.30
5.07	171.00	7.19	6.00	12.56	5.80
3.50	224.00	7.61	2.70	14.71	2.60

7.15	199.00	7.35	5.90	12.78	5.80
9.24	199.00	7.34	4.80	13.34	4.60
7.58	202.00	7.37	5.90	12.86	5.70
7.28	283.00			9.98	5.80
3.94	227.00	7.72	2.30	14.88	2.20

2.84	427.00	7.98	3.70	15.31	3.70
11.50	679.00			11.16	7.20
8.12	384.00	7.46	6.40	13.11	6.30
5.90	384.00	7.52	6.90	12.81	6.90

8.06					
10.31	210.00	7.61	4.50	13.78	4.20
8.59	355.00			10.18	5.80
3.60	226.00	7.91	2.80	14.55	2.70
5.93	334.00	7.61	6.70	13.08	6.50

3.55	617.00			10.51	7.30
6.23	335.00			3.65	6.90
9.70	270.00	7.21	4.70	6.71	4.40
3.05	374.00	7.51	4.20	10.83	4.00

168.00	
27.70	502.00

1.81	491.00
1.35	570.00
7.23	670.00
3.99	650.00
2.77	626.00
2.49	572.00
5.79	600.00
25.00	594.00
9.65	573.00
16.13	631.00
43.50	604.00
11.25	610.00
7.34	587.00
14.08	636.00
20.70	607.00
1.77	580.00
3.55	638.00
6.77	645.00
3.72	618.00
6.38	616.00
6.35	575.00
6.96	554.00
20.00	552.00
179.10	456.00
18.87	532.00
3.59	679.00
6.19	536.00
1.17	648.00
7.26	602.00

4.80	557.00
35.30	571.00
29.30	626.00
3.65	604.00
18.60	646.00
13.60	604.00
5.29	544.00
14.10	646.00
15.00	521.00
13.40	514.00
5.57	680.00
10.79	684.00
3.05	619.00
2.04	619.00
22.90	609.00
15.80	614.00
4.18	593.00
0.43	273.00
3.63	154.00
4.95	103.00
0.84	109.00
1.21	138.00
1.18	132.00
2.97	83.00

2.69	189.00
0.13	350.00
0.85	217.00
2.07	206.00
1.69	146.00
1.42	189.00
2.61	225.00
0.34	266.00
2.54	129.00
0.59	151.00
0.28	206.00
2.63	165.00
1.05	191.00
1.69	193.00
4.31	277.00
28.60	84.00
1.27	232.00

0.15	225.00
2.23	356.00
0.70	197.00
0.55	146.00
1.08	166.00
3.12	222.00
1.40	258.00
0.26	204.00
2.73	97.00
0.59	184.00
0.96	145.00
3.78	124.00
1.72	305.00
1.44	396.00

1.02	137.00
0.76	129.00
0.69	119.00
1.02	113.00
4.55	116.00
1.82	150.00
0.67	268.00
0.67	616.00
0.53	599.00
2.74	478.00
1.48	536.00
4.54	414.00
1.49	486.00
0.78	432.00
60.60	432.00

2.38	365.00
0.50	315.00
10.12	312.00
3.03	333.00
19.99	328.00

0.92	457.00
10.94	483.00
19.61	293.00
2.11	363.00
2.02	389.00

2.48	424.00
6.15	395.00
19.54	328.00
3.74	462.00
1.37	351.00
0.85	468.00
0.87	433.00
2.61	459.00
0.61	454.00
0.49	491.00
2.49	394.00

15.82	337.00
5.31	302.00
0.53	354.00
1.58	312.00
6.36	188.00
2.53	292.00
12.91	342.00
8.12	400.00
5.39	466.00
14.53	379.00
33.10	362.00

15.40	292.00
5.25	361.00
6.61	447.00
0.67	469.00
4.06	290.00
1.99	324.00
0.63	428.00
1.25	366.00
3.89	399.00
4.23	376.00
12.44	332.00

3.29	469.00
1.00	428.00
2.90	479.00
0.64	416.00
0.78	494.00
0.82	435.00
0.53	483.00
3.93	357.00
2.43	400.00
1.85	311.00
19.92	310.00

6.06	428.00
3.25	426.00
3.45	465.00
0.12	462.00
0.21	420.00
1.37	431.00
9.26	228.00
2.97	382.00
3.09	332.00
3.75	319.00
1.83	450.00

1.90	449.00
2.85	506.00
1.08	466.00
1.39	294.00
4.02	335.00
1.18	306.00
4.55	250.00
6.80	438.00
1.54	480.00
0.72	498.00
0.60	502.00

1.14	385.00
10.42	309.00
4.23	293.00
0.56	363.00
3.93	317.00
5.89	188.00
5.19	289.00
11.65	354.00
16.67	356.00
1.37	480.00
7.54	420.00

61.70	323.00
12.50	309.00
4.05	389.00
2.10	445.00
0.69	476.00
2.96	295.00
4.17	333.00
0.83	434.00
1.52	372.00
1.96	407.00
2.64	388.00

6.36	342.00
2.83	467.00
286.00	292.00
3.10	433.00
1.96	508.00
0.72	439.00
1.28	506.00
0.25	482.00
1.84	434.00
1.66	365.00
1.13	398.00

1.83	319.00
74.10	309.00
5.23	451.00
10.71	415.00
1.57	483.00
1.98	484.00
0.06	425.00
0.94	435.00
7.93	227.00
4.75	390.00
3.19	338.00

2.92	335.00
3.02	471.00
3.27	488.00
1.31	512.00
1.14	479.00
0.98	319.00
1.20	346.00
1.03	316.00
1.95	261.00
11.82	373.00
2.94	501.00

0.68	497.00
1.03	591.00
2.41	492.00
5.48	535.00
6.87	501.00
5.12	464.00
8.24	507.00
7.94	522.00

4.86	583.00
6.91	597.00
5.42	585.00
15.94	586.00
11.69	547.00
2.53	535.00
4.37	518.00
4.04	541.00
11.05	473.00
7.71	561.00
11.92	579.00
7.40	600.00
1.44	631.00
3.73	616.00
0.57	602.00
0.87	512.00
0.76	448.00
2.73	316.00

1.22	361.00
0.46	453.00
1.09	410.00
1.37	365.00
3.28	508.00

2.60	591.00
4.91	419.00
4.61	536.00
2.55	571.00
3.07	423.00
6.05	514.00
0.44	588.00
2.53	397.00

2.07	447.00
0.91	530.00

2.57	501.00
2.62	500.00
7.65	470.00
2.29	575.00
30.60	225.00
1.32	574.00
2.28	596.00
1.09	544.00
0.89	580.00
1.11	452.00
1.17	465.00
2.63	437.00
104.70	127.00
1.45	570.00
3.05	551.00
0.86	575.00
0.23	572.00

0.21	509.00
1.07	533.00
4.37	250.00
1.98	492.00
1.50	434.00
1.26	566.00
2.47	536.00
2.13	601.00
3.08	579.00
1.75	603.00
1.26	404.00
2.86	392.00
3.91	415.00
3.37	572.00
0.67	534.00
1.96	171.00
4.87	134.00

1.23	145.00
1.36	143.00
1.01	139.00
2.36	129.00
5.87	93.00

0.62	180.00
9.09	147.00
6.82	190.00
6.07	92.00
1.45	147.00
0.46	184.00
2.16	117.00
0.55	145.00
1.50	122.00
3.41	138.00
4.05	109.00

4.06	187.00
2.70	
2.84	240.00
0.92	256.00
0.56	235.00
0.67	262.00
1.34	170.00
2.50	118.00
1.69	116.00
0.66	126.00
0.67	119.00
1.59	75.00
2.10	113.00
4.10	65.00
68.50	67.00
0.76	153.00

7.06	129.00
1.93	97.00
2.34	83.00
2.98	122.00
4.96	75.00
3.50	93.00
0.36	119.00
2.15	88.00
2.41	67.00
1.03	91.00
1.28	78.00
2.03	85.00
6.60	92.00
4.11	79.00
0.86	137.00
1.44	188.00
0.91	195.00
0.47	206.00
0.59	150.00
1.26	93.00

1.11	107.00
2.32	87.00
0.42	186.00
1.13	152.00
0.16	185.00
0.04	149.00
	103.00
4.57	74.00
2.71	90.00
9.47	102.00
	170.00
2.05	
0.76	198.00
1.48	115.00
0.50	156.00

1.86	84.00

2.87	74.00
1.47	183.00
0.55	207.00
0.69	202.00
0.57	429.00
20.30	421.00
3.06	358.00
0.83	309.00
9.18	308.00
2.38	325.00
17.30	328.00

1.25	464.00
12.84	476.00
19.52	293.00
3.85	359.00
1.65	388.00
1.99	419.00
3.25	396.00
12.79	329.00
0.94	460.00
1.62	353.00
1.30	460.00

0.77	421.00
1.38	457.00
0.36	448.00
2.58	403.00
2.65	284.00
1.57	257.00
2.76	222.00

1.91	323.00				
10.76	202.00	7.55	9.60	11.62	9.60
12.84	195.00	7.56	20.70	8.71	20.80

7.15	212.00	7.33	21.70	7.23	21.70
27.80	221.00	7.22	25.20	7.15	25.20
5.10	223.00	7.26	31.10	6.78	30.70
3.25	326.00	7.61	18.00	8.86	18.20
2.82		7.92	6.30	12.61	6.20
10.15	188.00	7.72	10.00	12.02	9.90
12.36					

6.76	206.00	7.35	21.60	7.54	21.60
27.00	211.00	7.32	25.50	7.61	25.50
6.82	233.00	7.57	30.20	7.48	30.20
22.30	210.00	7.21	23.10	7.52	23.50
17.77	268.00	7.50	21.40	7.50	21.40
10.50	298.00	6.89	21.30	6.95	21.40

	300.00	7.56	14.10	9.53	14.10
0.29	245.00	7.52	3.50	20.30	3.40
0.26	259.00	7.18	7.50	12.89	7.40
2.21	195.00				
5.17	182.00	7.36	14.10	10.82	14.00
3.11	210.00	7.27	20.10	8.84	20.00
16.76	210.00	7.64	23.00	8.06	23.10

16.76	210.00	7.64	23.00	8.06	23.10
1.34	252.00	7.64	21.00	7.83	20.90
1.34	252.00	7.64	21.00	7.83	20.90
0.49	275.00	7.20	21.90	7.31	21.80
0.49	275.00	7.20	21.90	7.31	21.80
	298.00	7.84	13.80	10.61	13.60
	298.00	7.84	13.80	10.61	13.60
0.07	249.00	8.12	2.60	20.80	2.50
0.07	249.00	8.12	2.60	20.80	2.50

1.71	260.00	7.41	7.50	12.84	7.20
1.71	260.00	7.41	7.50	12.84	7.20
1.78	191.00				
1.78	191.00				
6.99	175.00	7.76	14.10	10.96	14.00
6.99	175.00	7.76	14.10	10.96	14.00
2.18	207.00	7.62	20.30	9.39	20.20
2.18	207.00	7.62	20.30	9.39	20.20

1.67	709.00
1.97	685.00
7.28	560.00
5.82	642.00
3.03	500.00
2.97	550.00
1.30	553.00
1.66	504.00
2.79	598.00
1.55	230.00

4.01	161.00
2.84	170.00
0.61	229.00
1.27	197.00
3.56	119.00
2.29	165.00
8.03	311.00
489.00	125.00
1.70	465.00
4.69	363.00
15.08	339.00
3.88	221.00
1.59	322.00
5.70	377.00
0.82	407.00
2.08	204.00

2.62	254.00
1.05	335.00
4.85	271.00
4.05	320.00
2.62	287.00
5.29	245.00
2.69	388.00
56.10	115.00
9.23	356.00
2.43	469.00
4.30	362.00
6.59	466.00
1.31	323.00
3.88	257.00
3.41	269.00
4.19	233.00
140.00	79.00

5.51	387.00
5.02	380.00
0.59	405.00
1.61	394.00
1.64	295.00
6.69	165.00
3.36	306.00
1.90	224.00
2.22	196.00
6.46	429.00
3.78	429.00
0.30	599.00
3.19	336.00
9.70	189.00
3.06	211.00
0.82	299.00

2.07	256.00
4.58	132.00
1.82	213.00
7.85	335.00
425.00	149.00
2.79	503.00
6.78	387.00
13.78	358.00
7.07	260.00
2.72	367.00
7.70	420.00
1.99	237.00
1.78	291.00
6.15	398.00
2.45	320.00
4.75	384.00

2.94	352.00
3.45	300.00
1.94	483.00
97.10	132.00
3.19	463.00
3.72	566.00
1.68	429.00
2.64	565.00
0.80	440.00
2.05	313.00
1.40	362.00
2.00	300.00
382.00	83.00
7.69	427.00
3.52	475.00
3.21	480.00
4.31	487.00

0.62	369.00
3.12	409.00
7.24	182.00
1.70	361.00
1.73	287.00
3.36	260.00
1.86	499.00
2.37	501.00
4.31	552.00
1.77	478.00
1.14	286.00
0.62	454.00
	308.00
1.53	258.00
13.40	221.00
2.66	515.00

4.30	326.00
1.71	281.00

Lab Comments
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Ortho Phosphate & Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM

E. coli sample only/Sample Diluted 50mL sample + 50mL of sterile H2O
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
Ortho Phosphate < or = 0.01PPM
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10

Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

E. coli sample only/Sample Diluted 50mL sample + 50mL of sterile H2O
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM

E. coli sample only
Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Ammonia < or = 0.01 PPM
Ortho Phosphate and Ammonia < or = 0.01 PPM/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected

Ammonia < or = 0.01 PPM
Ammonia < or = 0.01 PPM
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
H2O samples frozen, then thawed for analysis
Unidentified problem occurred with Nitrate dilution/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
NitDilx10
NitDilx10
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10
NitDilx10
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample

NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Total Coliform and E. coli enumeration results exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ammonia < or = 0.01PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ammonia < or = 0.01PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
E. coli sample only/Sample Diluted 50mL sample + 50mL of sterile H2O
NitDilx10/ Ortho Phosphate < or = 0.01PPM/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate and Ammonia < or = 0.01 PPM/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
NitDilx10
NitDilx10

NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate < or = .01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate < or = 0.01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate < or = 0.01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

NitDilx10/ Ortho Phosphate < or = 0.01 PPM/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
The E. coli counts were the same for sample BRWC-T9C and BRWC-T9D
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
E. coli sample only/Sample Diluted 50mL sample + 50mL of sterile H2O

NitDilx10/ Possible Ammonia integration interference from baseline carry over from previous sample/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Ortho Phosphate < or = 0.01 PPM/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ Nutrient analysis not performed because of sediment loading in the majority of water samples collected
NitDilx10
NitDilx10
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/ Ortho Phosphate < or = 0.01PPM/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the method's MDL of >2419.6 MPN
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

NitDilx10/ Total Coliform enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/ H2O samples frozen, then thawed for analysis/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
NitDilx10/Total Coliform enumeration result exceeded the MDL of >2419.6 MPN
The E. coli counts were the same for sample BRWC-T9C and BRWC-T9D
Total Coliform enumeration result exceeded the MDL of >2419.6 MPN

E. coli sample only/Sample Diluted 50mL sample + 50mL of sterile H2O
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Monitor did not record collection time
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample
Sample collected on 06/07/2018 by K. Andersen while collecting sample for E. coli testing project
Water sample collected on Friday 06/08/2018 by B. Prokopchak/H2O temperature not recorded by monitor

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Collected by B. Prokopchak/Monitor did not record H2O temperature

H2O sample was diluted 1:10
Sample diluted 1:10
Ortho Phosphate & Ammonia < or = 0.01 PPM

H2O temperature not recorded due to thermometer malfunction
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

No H2O temperatures-thermometer broken
Ortho Phosphate < or = 0.01PPM / H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01 PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Very slight brown tint
Ortho Phosphate < or = 0.01PPM
Monitor did not record H2O temperature
Ammonia < or = 0.01PPM/Sample became frothy when shaken
Ortho Phosphate & Ammonia < or = 0.01 PPM
H2O temperature not recorded due to thermometer malfunction
NitDilx10/Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/No H2O temperatures-thermometer broken
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NiDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM

NitDilx10/ Ortho Phosphate < or = 0.01 PPM
Monitor did not record water temperature

NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/Sample became frothy when shaken
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM/Sample became frothy when shaken
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
NitDilx10
NitDilx10
NitDilx10/Monitor did not record H2O temperature
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM

NitDilx10/ ammonia < or = 0.01 PPM
NitDilx10
NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/No H2O temperatures-thermometer broken
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10
Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10
Ammonia < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample became frothy when shaken

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint

Ortho Phosphate < or = 0.01PPM
Water sample diluted 1:1
H2O sample was diluted 1:10
Sample diluted 1:10
Ortho Phosphate < or = 0.01 PPM

H2O temperature not recorded due to thermometer malfunction
Ortho Phosphate < or = 0.01PPM/Monitor did not record H2O temperature
NitDilx10
NitDilx10
Ortho Phosphate < or = 0.01PPM

No H2O temperatures-thermometer broken
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

Sample diluted 60mL sample + 40mL of sterile H2O

NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10

NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDil10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/No H2O temperatures-thermometer broken
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/sample has a musty odor/became frothy when shaken
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10

Monitor did not record H2O temperature
Sample had a musty odor

NitDilx10/Monitor did not record collection time
NitDilx10
Ammonia < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Integration interference with Ammonia reading

NitDilx10
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10

NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10
No H2O temperatures-thermometer broken/Sample became frothy when shaken
Ammonia < or = 0.01PPM

NitDilx10/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10
H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10

NitDilx10
Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
Sample became frothy when shaken

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Possible air spike interference with Ortho Phosphate integration
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O temperature not recorded by monitor

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Very slight brown tint
Ortho Phosphate < or = 0.01PPM
Collected by B. Prokopchak/Monitor did not record H2O temperature

H2O sample was diluted 1:10
Sample diluted 1:10
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
H2O temperature not recorded due to thermometer malfunction

Ortho Phosphate < or = 0.01PPM/Monitor did not record H2O temperature
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O sample was diluted 50:50

No H2O temperatures-thermometer broken
E. coli enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01 PPM

Two separate water samples were collected simultaneously
Two separate water samples were collected simultaneously
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

Sample diluted 60mL sample + 40mL of sterile H2O

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record collection time
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
Ortho Phosphate < or = 0.01PPM/ Integration interference with Ammonia reading
Monitor did not record H2O temperature
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded due to thermometer malfunction
Ortho Phosphate < or = 0.01PPM/Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

E. coli enumeration result exceeds the MDL of >2419.6 MPN/conductivity reading taken in stream
Ammonia < or = 0.01PPM/sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/ Nitrate & Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ Integration interference with Ammonia reading
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM

H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Conductivity reading taken in stream
Ammonia < or = 0.01PPM

H2O samples frozen, then thawed for analysis/ Nitrate, Ortho Phosphate, & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Conductivity reading taken in stream
Ammonia < or = 0.01PPM

H2O samples frozen, then thawed for analysis/ Nitrate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM/Sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/ Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O sample frozen then thawed for analysis/sample used to make matrix spike set/conductivity reading taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ammonia < or = 0.01PPM/ Sample used to make matrix spike set

Conductivity reading taken in stream
H2O samples frozen, then thawed for analysis/ Nitrate < or = 0.01PPM
Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ Sample used to make matrix spike set/ H2O samples frozen, then thawed for analysis

Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Slight brown tint
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/Monitor did not record H2O temperature
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM

NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/ Ortho Phosphate < or = 0.01PPM/Monitor did not record H2O temperature
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Reran dilution because not enough H2O sample remained in test tube to dilute
NitDilx10/No H2O temperatures-thermometer broken
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01 PPM
NitDilx10/ Ortho Phosphate and Ammonia < or = 0.01 PPM

Confirmed turbidity reading one
NitDilx10

NitDilx10
Nit&AmmDilx10
Nit&AmmDilx10
Nit&AmmDilx10
NitDilx10
Nit&AmmDilx10/Light brown tint
Sample had an odor/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Very slight brown tint
NitDilx10
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10
NitDilx10
NitDilx10
Nit & AmmDilx10
NitDilx10

NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/ Nitrate reading > or = 22.45PPM/ Sample dilution should have been higher, diluted sample exceeded MDL of method
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Turbidity reading = or < 0.0

NitDilx10
NitDilx10

Questionable turbidity results
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NiDilx10/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Slight brown tint
NitDilx10/ Integration interference with Ammonia reading
NitDilx10
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/H2O temperature not recorded due to thermometer malfunction
NitDilx10/Monitor did not record H2O temperature
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10

NitDilx10/No H2O temperatures-thermometer broken
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
Monitor did not record time of collection

Questionable turbidity results
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded by monitor
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Slight brown tint
Integration interference with Ammonia reading
Monitor did not record H2O temperature

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM/H2O temperature not recorded due to thermometer malfunction
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
No H2O temperatures-thermometer broken
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
NitDilx10

Questionable conductivity results
Opequon Creek at Neill Road ford

E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
H2O sample diluted 1:1
Water sample diluted 10:1

H2O sample was diluted 1:10
E. coli enumeration result exceeded the MDL of >2419.6 MPN

H2O sample was diluted 50:50, E. coli enumeration result exceeded the MDL of >4839.2 MPN
H2O sample was diluted 50:50
H2O sample was diluted 50:50

E. coli enumeration result exceeded the MDL of >2419.6 MPN
E. coli enumeration result exceeded the MDL of >2419.6 MPN

Sample diluted at FOSR lab 20ml of sample + 80ml of Index sterile H2O
Sample diluted at FOSR lab 10ml of sample + 90ml of Index sterile H2O

Sample diluted 10mL sample + 90mL of sterile H2O/E. coli enumeration result exceeded the MDL of >4,839.2 MPN
Sample diluted 10mL sample + 90mL of sterile H2O
Sample diluted 50mL sample + 50mL of sterile H2O

E. coli enumeration result exceeded the MDL of >2419.6 MPN
E. coli quantitated result exceeds the method's MDL of >2419.6 MPN

Pace
Sample diluted 50mL of sample H2O + 50mL of IDEXX sterile H2O

Field duplicate sample -2 H_2O samples were collected simultaneously/entered time of collection as 12:15 to differentiate from the other H_2O sample collected at the same time

Conductivity reading taken in lab

Sample diluted 40mL sample H_2O + 60mL of sterile H_2O

Confirmed E. coli reading
Field duplicate - 2nd grab water sample collected while in the field/Confirmed E. coli results

Sample diluted 10mL sample H_2O + 90mL of sterile H_2O

Sample diluted 10mL sample + 90mL of Sterile H_2O

E. coli sample only
E. coli sample only
E. coli sample only

E. coli sample only
E. coli sample only
E. coli sample only
E. coli sample only

Conductivity not recorded in database - Recorder A. Ulland made error when recording reading

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

NitDilx10/ Ortho Phosphate < or = 0.01 PPM
Ammonia < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Sample had a slight onion like odor

H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM

E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample
E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

H2O sample was diluted 1:10
Sample diluted 1:10

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample
E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Very slight brown tint
Ortho Phosphate < or = 0.01PPM
Collected by T. Rocke

H2O sample was diluted 1:10
Sample diluted 1:10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Monitor noted water color is opaque

H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

SF Shenandoah River at White House public boat landing upstream White House bridge-boat ramp moved to across river (west side, river left) for bridge demo and construction

Ortho Phosphate < or = 0.01 PPM

E. coli enumeration result exceeded the MDL of >2419.6 MPN
Ortho Phosphate < or = 0.01 PPM

Reading was double checked

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Very slight brown tint
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ammonia < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
1Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H_2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
NitDilx10/ Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
Monitor noted color of water is opaque
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = .01PPM

Ortho Phosphate < or = 0.01 PPM

H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
Ammonia < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ammonia < or = 0.01 PPM
Sample became frothy when shaken
NitDilx10
NitrateDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
Nit&AmmDilx10

Nit&AmmDilx10/Sample became frothy when shaken
AmmDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Integration interference with Ammonia reading
NitDilx10
AmmDilx10
NitDilx10
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
AmmDilx20
NitDilx10

NitDilx10
AmmDilx10
AmmoniaDilx10
AmmoniaDilx10
AmmDilx10
AmmDilx10
AmmDilx10
AmmDilx10
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
AmmoniaDilx10
NitDilx10

AmmDilx10
AmmoniaDilx10
AmmoniaDilx10
NitDilx10
Nit&AmmoniaDilx10
AmmoniaDilx10
NitDilx10
AmmoniaDilx10
Nit&AmmDilx10
AmmDilx10
AmmDilx10
NitDilx10
AmmoinaDilx10
AmmDilx10
Nit,OrthoPhos, AmmDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
Nit,OrthoPhos,AmmDilx20/ H2O samples frozen, then thawed for analysis
NitDilx20
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx50
OrthoPhosDilx10
Nit&OrthoPhosDilx10
Nit&OrthoPhosDilx10
NitDilx10
NitDilx10
NitDilx10

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample became frothy when shaken
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ammonia < or = .01PPM
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
H2O sample used to make the matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Confirmed duplicate conductivity reading from previous sample reading
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Slight brown tint
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set

Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Monitor noted water snails
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate and Ammonia < or = .01PPM

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike sample
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matric set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Brown tint
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10

NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10
NitDilx10/ Ammonia < or = 0.01 PPM
NitDilx10

Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = .01PPM
Ortho Phosphate < or = 0.01 PPM

Sample used to make matrix spike set
Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Integration interference with Ammonia reading
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set/not enough H2O sample remaining to read conductivity
Ammonia < or = 0.01PPM/sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
Sample used to make matrix spike sample
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ammonia < or = .01PPM
Ortho Phosphate < or = 0.01 PPM
Sample used to make matrix spike set
Sample used to make matrix spike set
Ammonia < or = 0.01 PPM
Ammonia < or = 0.01 PPM/Sample used to make matrix spike set
H2O sample used to make the matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Slight brown tint

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
NitDilx10
NitDilx10
H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
AmmoniaDilx10/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis

Sample used to make matrix spike set

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM

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Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ Air spike or restriction interfered with Ammonia integration
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM

Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM

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E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

H2O sample was diluted 1:10
Sample diluted 1:10
E. coli enumeration result exceeded the MDL of >2419.6 MPN
H2O sample was diluted 50:50

E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

QA/QC duplicate sample collected
Water sample diluted 1:1

E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
H2O sample diluted 1:1/ E. coli concentration exceeded the MDL of > 4839.2 MPN CFU per 100ml of sample
H2O sample was diluted 1:10
Sample diluted 1:10
E. coli enumeration result exceeded the MDL of >2419.6 MPN
H2O sample was diluted 50:50

H2O sample was diluted 50:50

E. coli enumeration result exceeded the MDL of >2419.6 MPN

E. coli concentration exceeds the MDL of > 2419.6 MPN CFU per 100ml of sample

E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
Water sample diluted 1:1
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample
H2O sample diluted 1:1
Water sample diluted 1:1
Duplicate water sample not diluted
H2O sample was diluted 1:10
Sample diluted 1:10
H2O was diluted 50:50, E. coli enumeration result exceeded the MDL of >4839.2 MPN
H2O sample was diluted 50:50

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored

H2O sample was diluted 1:10
Sample diluted 1:10
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM

Ortho Phosphate & Ammonia = or > 0.01 PPM

Sample diluted 70ml of sample + 30ml of sterile H2O

Duplicate sample
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample

Water sample diluted 1:1
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample

H2O sample was diluted 1:10

E. coli enumeration result exceeded the MDL of >2419.6 MPN

E. coli enumeration result exceeded the MDL of >2419.6 MPN

E. coli enumeration result exceeded the MDL of >2419.6 MPN
E. coli enumeration result exceeded the MDL of >2419.6 MPN

E. coli enumeration result exceeded the method's MDL of > 2419.6 MPN per 100ml of sample
Sample diluted 10ml of sample + 90ml of sterile H2O

H2O sample collected midway river between the stream banks of the river
H2O sample collected midway river between the stream banks of the river
Water sample diluted 1:1/H2O sample collected midway river between the stream banks of the river
H2O sample collected midway river between the stream banks of the river
H2O sample collected midway river between the stream banks of the river

H2O sample was diluted 1:10
Sample diluted 1:10

Monitor was unable to wade out as far to mid-stream because of rushing water

Ortho Phosphate = or > 0.01 PPM

H2O sample was diluted 1:10
E. coli enumeration result exceeded the MDL of >2419.6 MPN
H2O sample was diluted 50:50
E. coli enumeration result exceeded the MDL of >2419.6 MPN

E. coli enumeration result exceeded the MDL of >2419.6 MPN
E. coli enumeration result exceeded the MDL of >2419.6 MPN

Results not made public because of backwash-flooded river waters flowing up into Manassas Run

Sample diluted 10ml of sample + 90ml of sterile H2O
Sample diluted 50mL sample + 50mL of sterile H2O

No E. coli results-H2O sample dropped while setting up E. coli test
E. coli concentration exceeded the MDL of > 2419.6 MPN CFU per 100ml of sample

H2O sample was diluted 1:10
Sample diluted 1:10

Water sample diluted 1:1
H2O sample diluted 1:1/ E. coli concentration exceeded the MDL of > 4839.2 MPN CFU per 100ml of sample
H2O sample was diluted 1:10
Sample diluted 1:10

E. coli enumeration result exceeded the MDL of >2419.6 MPN
H2O sample was diluted 60ml of sample to 40ml IDEXX Sterile H2O

First time collecting at this site/E. coli enumeration result exceeded the MDL of >2419.6 MPN
Sample diluted 90ml of IDEXX Sterile DI H2O to 10ml of sample/Results exceeded MPN of 2,688.2
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01 PPM
Ortho Phosphate and Ammonia < or = 0.01PPM/Sample became mildly frothy when shaken
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM

Confirmed conductivity reading
Confirmed conductivity reading
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate and Ammonia < or = 0.01PPM

Ammonia < or = 0.01 PPM
Received no accompanying site evaluation form
Specific conductivity reading for GA02A and GA02B 306
Confirmed conductivity reading one
Confirmed conductivity reading
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01 PPM
Ammonia < or = 0.01 PPM

Specific conductivity reading for GA02A and GA02B 306
Interference with Ammonia integration
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01 PPM

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phospahte < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ammonia < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM/ Integration interference with Ammonia reading
Ortho Phosphate and Ammonia < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phospahte < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM

Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate & ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ Interference with Ammonia integration
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10

H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/sample used for matrix spike set
XYZ auto sampler probe did not go into cup 45, original location of sample in the run

NitDilx10
NitDilx10

NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
H2O temperature was not recorded by monitor
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10/Monitor did not record H2O temperture
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Integration interference with Ammonia and Ortho Phosphate peaks, sample reran for 2nd time
NitDilx10
NitDilx10
H2O temperature not recorded

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Monitor did not record H2O temperture
Ortho Phosphate < or = 0.01 PPM

H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O temperature not recorded

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/H2O temperature not recorded by monitor
H2O temperature not recorded by monitor
Ammonia < or = 0.01PPM

H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phospahte < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/Monitor did not record H2O temperature
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phospahte < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM

Monitor did not record H2O temperature
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set

Ortho Phosphate < or = 0.01PPM
Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ammonia < or = 0.01PPM

H2O temperature not recorded due to broken thermometer
Ortho Phosphate < or = 0.01PPM/Sample became very mildly frothy when shaken
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ ammonia < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM

NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phospahte & Ammonia < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Monitor did not record H2O temperature
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ammonia < or = 0.01 PPM
NitDilx10/H2O temperature not recorded by monitor
NitDilx10/ ammonia < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phospahte < or = 0.01PPM
NitDilx10
Monitor did not record H2O temperature

NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10

NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Interference with Ammonia integration
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ammonia < or = 0.01 PPM
NitDilx10

NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate & Ammonia < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phospahte < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

H20 sample collected on 07/15/2022. No cooler at the drop off location so water sample was frozen until the August monitoring event
NitDilx10/ Interference with Ammonia integration
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/Monitor did not take H2O temperature-thermometer broken
NitDilx10
NitDilx10/H2O temperature not recorded
Monitor did not record H2O temperture

NitDilx10/H2O temperature not recorded
NitDilx10
NitDil10/H2O temperature not recorded due to broken thermometer
NitDilx10
NitDilx10
NitDilx10/ H2O sample ran twice to confirm Ammonia reading
H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10

NitDilx10
Monitor did record collection or water temperature
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/ H2O sample used to make a matrix spike set
Ortho Phosphate < or = 0.01PPM/ H2O sample GA37 dated 02/21/2020 used to make a matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phospahte & Ammonia < or = 0.01PPM/Sample used to make matrix spike set/No conductivity reading-not enough sample left
Ortho Phosphate < or = 0.1PPM/ XYZ auto sampler Z-drive broke no Ammonia results/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike set
H2O sample was used to make spike matrix set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phospahte < or = 0.01PPM/ Possible Ammonia peak integration interference
Ammonia < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01 PPM
AutoSampler skipped cup #13 which was sample GA38. Placed sample in cup #69.
H2O temperature not recorded

H20 sample collected on 07/15/2022. No cooler at the drop off location so water sample was frozen until the August monitoring event
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
Conductivity reading confirmed
Ortho Phosphate < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
H2O samples frozen, then thawed for analysis

H20 sample collected on 07/15/2022. No cooler at the drop off location so water sample was frozen until the August monitoring event
Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM

NitDilx10
NitDilx10
NitDilx10/ Interference with Ammonia integration
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10

NitDilx10
NitDilx10/ Possible carry over interference from previous sample with Ammonia integration
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10

Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
NitDilx10
NitDilx10
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NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10
NitDilx10
NitDilx10
NitDilx10

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
H2O temperature not recorded
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10

NitDilx10
NitDilx10
NitDilx10
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10
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NitDilx10
NitDilx10
NitDilx10

NitDilx10
NitDilx10
NitDilx10/ XYZ auto sampler Z-drive broke no Ammonia results
Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10
Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10

NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10/monitor did not record collection time
Monitor did not recorded H2O temperature-thermometer broken
Collection time and H2O temperature not recorded
NitDilx10/H2O temperature not recorded by monitor
NitDilx10/H2O temperature not recorded by monitor
NitDilx10/Monitor did not record H2O temperature
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10

NitDilx10/H2O temperature not recorded by monitor due to broken thermometer
NitDilx10/ Interference with Ammonia integration
NitDilx10
H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Monitor did not record collection time or water temperature

Turbidity only H2O Sample/turbidity reading NTR
Turbidity only H2O Sample/turbidity reading NTR
Unnamed tributary of Limestone branch upstream Hiway Mobile Home Community WWTP effluent

Sample diluted 10ml H2O sample and 90ml of IDEXX sterile H2O/H2O temperature not taken-collected from discharge pipe
Sample diluted 10ml H2O sample and 90ml of IDEXX sterile H2O
H2O temperature not taken-collected from discharge pipe

NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Possible air spike interference with Ortho Phosphate integration
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM/ Interference with ammonia integration reran Ammonia analysis
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10

NitDilx10/Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM
NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Pollen in sample/insect in sample
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate > or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ Integration interference with Ammonia reading
NitDilx10
NitDilx10/H2O temperature not recorded

Monitor did not record collection time
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM

NitDilx10
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ / H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM

Ortho Phosphate < or = .01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Confirmed conductivity reading
Ortho Phosphate < or = 0.01PPM
NitDilx10
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10

NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

NitDilx10
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = .01 PPM
NitDilx10
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
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Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Possible integration interference with Ammonia reading

Ortho Phosphate < or = 0.01PPM
NitDilx10x Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/H2O temperature not recorded
NitDilx10/H2O temperature not recoded by monitor due to broken thermometer
NitDilx10/H2O temperature not recorded
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01 PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10

NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM
Nitx10/ Orthophosphate < or = 0.01 PPM
NitDilx10
NitDilx10
NitDilx10

Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set

Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01 PPM/sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Keyed Cup 1 as NS25 in run incorrectly/Sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set

Ammonia < or = 0.01PPM/sample used to make matrix spike set
Sample used to make matrix spike set/no conductivity reading-not enough sample remaining to test
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/Ortho Phosphate & Ammonia < or = 0.01PPM/sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored/Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set

Ammonia < or = 0.01PPM/Sample used to make matrix spike set/Sample became frothy when shaken
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set
H2O samples frozen, then thawed for analysis/ Nitrate & Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM/sample used to make matrix spike set

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis/sample used to make matrix spike set
Ortho Phosphate < or = 0.01 PPM
Sample used to make matrix spike set
Sample used to make matrix spike set
Nitrate & Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike
Nitrate and Ortho Phosphate < or = 0.01 PPM/Sample used to make matrix spike set
H2O sample used to make the matrix spike set
Sample used to make matrix spike set
Hair in sample
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set

Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Sample used to make matrix spike set
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ Interference with Ammonia integration
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Monitor did not record H2O temperature
Ortho Phosphate < or = 0.01PPM
H2O grab sample diluted 50ml sample and 50mL IDEXX Sterile H2O

H2O grab sample diluted 50ml sample and 50mL IDEXX Sterile H2O

H2O samples frozen, then thawed for analysis/ Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM

Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
H2O samples frozen, then thawed for analysis/ Ammonia < or = 0.01PPM
H2O samples frozen, then thawed for analysis/ Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream
Ammonia < or = 0.01PPM/ H2O sample frozen then thawed for analysis/conductivity reading taken in stream

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ammonia < or = 0.01PPM
Ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM
Ortho Phosphate and Ammonia < or = 0.01PPM

NitDilx10
NitDilx10
Pollen in sample
Possible air spike interference with Ortho Phosphate integration
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM

Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/Monitor did not record collection time
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/Sample has a foul odor-manure smell
NitDilx10
NitDilx10/Ortho Phosphate < or = 0.01 PPM

NitDilx10
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
Monitor noted water is flowing very strongly/new tree fallen into river/pigeons/blue heron
NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate < or = 0.01 PPM

Ortho Phosphate < or = .01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
Ortho Phosphate < or = 0.01 PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM
Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM

Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM
Ortho Phosphate & Ammonia < or = 0.01PPM/Sample became frothy when shaken
NitDilx10/ Ammonia < or = 0.01PPM
Nutrient analysis not performed because majority of H2O samples contained sediment/silt/sand/debris and were discolored
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ Integration interference with Ammonia reading
NitDilx10/Ammonia < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10
NitDilx10
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10/ Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM

NitDilx10/ Ortho Phosphate < or = 0.01PPM
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
NitDilx10/ H2O samples frozen, then thawed for analysis/ Ortho Phosphate < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01PPM/ H2O samples frozen, then thawed for analysis
Ortho Phosphate & Ammonia < or = 0.01 PPM
H2O sample contained silt, sediment and debris-unable to perform nutrient analysis
NitDilx10/ Ortho Phosphate < or = .01 PPM
NitDilx10
NitDilx10
NitDilx10/ Ortho Phosphate & Ammonia < or = 0.01 PPM

Sample Condition
Monitor noted strong current

Monitor noted ATV tracks
Monitor noted cattle in adjacent field/oil sheen/iron bacteria on bank
Monitor noted ice patches

Heavy rain, site flooded. Monitor noted large catfish observed
Monitor noted geese on bank with goose feces on edge/copious amounts of goose feces on bank
Heavy rain, site flooded.

Monitor noted butterflies
Monitor noted people wading upstream
Monitor noted 2 bald eagles

Steady rain

Monitor noted odor from something that died/trash at site/scum on top of water/fish/leaves/decomp-brown algae/iron/turbid/shot gun shells
Monitor noted water clear with suspended particles/sulfur smell/evidence of stream divide/trash/iron/fish/brown decomp
Monitor noted water clear with suspended particles/decomp/trash on banks
Monitor noted ice build up at bottom of creek prevented full emersion of nutrient bottle
Heavy rain

Monitor noted lots of air bubbles/new stream on access road runs in below test site/no aquatic insects/water much colder at T3 compared to M2
Monitor noted white foam/decomp-brown algae/droppings/water clear with suspended particles/pollen on top of water
Heavy rain
Monitor noted that the water had a whitish-brown stain
Per monitor J. Maxey, he used the BRWCT9C labeled H2O sample bottles to collect the water samples at Site BRWCT9

Monitor noted butterflies
Monitor noted water cloudy

Monitor noted turkeys
Monitor noted water clear with suspended particles/aquatic vegetation/decomp/green algae/white foam/sand-silt
Heavy rain

Site Name/Location: Evitts Run @ Evitts Run Park
Per monitor J. Maxey, he used the BRWCT9 labeled H2O sample bottles to collect the water samples at Site BRWCT9C
Monitor noted butterflies
Monitor noted color of water as cloudy

Monitor noted water color is cloudy
Monitor noted squirrel

Monitor noted no DO-pH readings taken-no WTW meter
Intermittent rain
Monitor noted butterflies

Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours/midge larvae on smaller rocks

Monitor noted two men getting ready to fish/anther boat fishing down stream
Monitor noted natural flood debris in river/run off coming into river from upstream/dead crayfish/evidence of fire pit
Monitor noted site very clean
Monitor noted severe measurable storms in last 72 hours/water slightly turbid/floating debris/natural flood debris in water
Monitor noted rain in past 48 hours/water is extremely turbid-muddy/lots of flood debris and branches some which are very large in river/butterflies/heron/lady down by the river/very strong current
Monitor noted water is very slightly turbid-muddy/natural flood debris on banks and in river/cat on boat landing close to river
Monitor noted people in water/people fishing sun fish/large deposit-mound of sediment and silt on boat landing/very strong current
Monitor noted rain showers in last 48 hours/river is higher than last week/floating particles/debris in river/natural flood debris on banks and in river/boat ramp has large deposit of mud, silt and sand about 8"-2'/pigeons
Monitor noted drizzle while at site/rain in the last 24 hours/debris in water/large tree in river by bridge/sediment/lots of silt and sediment on boat landing/run off from parking lot and boat landing into river

Monitor noted could not wade out for sample and flow at ramp to strong-took sample just upstream from ramp in calmer water-moving steadily
Monitor noted suspended particles/debris/flood debris in water/silt and sand build up on boat landing and parking area/pigeons
Monitor noted suspended particles/lots of silt and sediment/small debris in water/people in water who asked about FOSR E. coli project/kayakers putting in and taking out/sediment and silt still on boat ramp and parking area
Monitor noted small floating debris and twigs in water/sand on boat ramp/people down by river/people fishing/canoes upstream
Monitor noted paddler up stream/sand and silt in parking area and boat ramp
Monitor noted minute particles/small flood debris/heavy rain while at site
Monitor noted minute suspended particles/small debris in water/bleach odor/man filling container at river for overheating vehicle
Monitor noted suspended particles/flood debris in water

Monitor noted sediment/debris in water/whirligig beetles/wasp
Monitor noted water has a minute tint/lots of silt and sediment/debris in water/butterflies/whirligig beetles-lots/dirty diaper on boat landing
Monitor noted rain showers in the last 24 hours/sediment/odor of sewage/fishy odor/whirligig beetles/butterflies
Monitor noted suspended particles/sediment/debris in water/water is carrying suspended particles/whirligig beetles/butterflies
Monitor noted 100's of water beetles/clearer than route 7
Monitor noted drizzle while at site/water is slightly turbid-muddy/suspended particles/flood debris in water/two people watching the water
Monitor noted Site flooded, sediment/suspended particles, evidence of water recently on banks and boat landing, sediment/silt covering boat landing and banks, people fishing from boat landing/dog prints
Monitor noted algae is short, streaming green and brown on many rocks in shallows

Monitor noted no H2O temperature due to thermometer malfunction
Monitor noted boat landing is very slick from algal growth
Monitor noted boat launch is to slimy to walk on without falling
Monitor noted intermittent drizzle while at site/kayaker upstream

Monitor noted people in water downstream
Monitor noted people in water
Monitor noted youth group and adults at site fishing and playing in the water
Monitor noted fishing and tubbing upstream
Monitor noted people launching kayaks
Monitor noted large boy scout troop getting ready to go on river trip/man getting ready to withdrawal water from the river
Monitor noted natural debris in water/butterflies/lots of whirligig beetles/man withdrawing H2O from river
Monitor noted canoe and tubers at site
Monitor noted thunderstorms, evidence of rain within the last 24 hours/fisherman downstream

Monitor noted kids and adults fishing/fisherman caught a blue gill with lesion
Monitor noted huge number of beetles/two hellgrammites/woman with a dog
Monitor noted heavy measurable rain event today/runoff from bridge falling into river upstream of site
Monitor noted people in water fishing/DGIF truck at site
Monitor noted two men washing dog blankets in river with dog

Monitor noted plastic lure and trash on banks/leaves on river bottom
Monitor noted GB heron
Monitor noted currently raining at site/color of water is slightly turbid-muddy
Monitor noted passing sprinkles/flying aquatic insects in the H2O sample/kayakers upstream
Monitor noted pigeons/dead crayfish
Monitor noted rained upstream, southern valley, last week/two adults, young child and dog paying in the river/two teenagers fishing
Monitor noted could not see river bed/people on landing, kayakers coming in

Monitor noted heavy rain June 5/water is fairly clear but some brown staining/pigeons/can see what is coming from upstream
Monitor noted water has minute turbid-muddy color/slime/sediment/three guys fishing off bank
Monitor noted silt and sediment loading/human or dog waste odor/dead crayfish leg/two guys fishing
Monitor noted kayakers upstream
Monitor noted wet areas on road and parking area may have rained earlier/ladies launched a canoe and kayak/group launching kayaks
Monitor noted a lot of litter on banks/bag of mulch on boat landing/pigeons/animal waste in parking area/man by river
Monitor noted fishing from bank
Monitor noted thunderstorms at site within the past 48 hours/H2O level very low (25%) prior to recent rain/standing puddles/washouts
Monitor noted no evidence of rain at site in the past 48 hours/cicadas
Monitor noted minute turbid-muddy color water/young adults at site
Monitor noted debris floating in water/grass clipping in sample/unable to see river bed away from bank

Monitor noted heavy silt and sediment loading/urine odor/poop in parking area/unable to see river bed
Monitor noted evidence of rain in past 48 hours-standing puddles in parking area/water is minute turbid with slight brown stain/heavy silt and sediment loading/lots of man made litter on banks/mowed median and area around boat launch and parking area/lots
Monitor noted water has discoloration/cicadas/pigeons/ unable to see river bed
Monitor noted drizzle-mist while at site/brown stain color-silt/heavy silt and sediment loading/run off from bridge into river/pigeons/large log down by boat launch/animal waste-scat in parking area
Monitor noted lots of logs and mud in water/lots of whirligig beetles/pigeons/boat downstream/broken glass on bank/scat in the parking area
Monitor noted area very clean
Monitor noted color of water is minute turbid-muddy/two guys fishing from the bank/scat in parking area
Monitor noted working on guardrail around bridge above/runoff from bridges into river/pigeons/crickets/H2O puddles in parking area

Monitor noted water color has slight stain
Monitor noted possible thunderstorms and showers in past 48 hours/lots of Insects/cicadas/people on the water upstream/older couple getting ready to launch canoe
Monitor noted water level very low
Monitor noted people swimming
Monitor noted heavy silt and sediment loading

Monitor noted filamentous green algae (FGA)
Monitor noted a fishy odor/filamentous green algae (FGA)
Monitor noted foul odor/clumps of algae floating by/filamentous green algae (FGA)
Monitor noted strong manure odor/water level low to very low
Monitor noted water level very low/small amount of filamentous green algae (FGA)
Monitor noted fishy odor/water level low
Monitor noted water level very low/heavy silt and sediment loading
Monitor noted heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)

Monitor noted rocks in water are slimy/oily sheen on shore line/evidence of fire pit in parking area
Monitor noted no H2O temperature reading/water level higher than last time/particles in sample/heavy sand-silt-sediment loading/unable to clearly see riverbed/snake/kids and adults playing in water
Monitor noted not as wet-ground as previous sites/some standing puddles/slight brown staining/unable to see riverbed
Monitor noted rain while at site

Monitor noted rain-intermittent rain while at site/sweet smell/people fishing upstream/evidence of fire pits in the parking area
Monitor noted light drizzle while at site/suspended particles/unable to see riverbed
Monitor noted Puddles/muddy banks/heavy silt-sand-sediment loading/barely able to see riverbed/small dead minnow on shore/people fishing/can see where river has receded
Monitor noted suspended particles/some green algae on rocks/lot of brown and decaying algae/fishy odor
Monitor noted minute tint with suspended particles/fire on bank/tree down in river/silt on top of water
Monitor noted water slightly turbid-muddy-brown stain/could see riverbed out to sampling site/no litter at site on river bank/unusual litter in parking area
Monitor noted rain showers in past 48 hours/water is clear with suspended particles/scum on water surface/fishy odor/clearing of land to left of parking area/cicadas/hatch of surface aquatic insects/fire pit on bank/catchment for fish constructed in river
Monitor noted water is clear with suspended particles/fishy odor/lots of fish-minnows/cicadas/kingfisher/fish trap constructed
Monitor noted puddles/water clear with suspended particles
Monitor noted water is slightly turbid-muddy-brown stain/scum-slime on water surface/colored sheen-oil along bank/trees down in river

Monitor noted water level retreating/able to see riverbed at collection site/grasshopper
Monitor noted water minute turbid-muddy color/slime on water surface
Monitor noted puddles/water level is normal for this time of year/unable to see river bed at site
Monitor noted scum on water surface/heavy silt-sand-sediment loading/decomp odor/two men fishing/two kayakers putting in
Monitor noted fallen tree near sample site/assisted by Clark Thomas
Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours

Monitor noted man made litter on banks-road sign-monitor picked up/found reflective road sign and removed from bank
Monitor noted water is cloudy like never before/surprised at turbidity, could see bottom in 2" of water out
Monitor noted water is clear

Monitor noted new rippled sandy places on stream bottom
Monitor noted leaves on river bottom
Monitor noted seedlings in the stream
Monitor noted barred owl
Monitor noted no trespassing sign at point of entry

Monitor noted birds foot print under bridge
Monitor noted color of water cloudy
Monitor noted water striders

Monitor noted slight elevation in water level/path highly overgrown/frog
Monitor noted dead deer upstream on bank/assisted by Clark Thomas
Monitor noted mergansers
Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours
Monitor noted sample taken above bridge-river backwash
Monitor noted the usual sample site was flooded and not accessible-I threw bucket from bridge upstream of the usual sample site
Monitor noted run off from road at bridge South East corner
Monitor noted stream is flooded-sampled from bucket from bridge
Monitor noted water beetles

Monitor noted river has backed up flow but sample still stream water
Monitor noted color of water is greyish/banks covered with silt
Monitor noted water color is greenish/slightly turbid
Monitor noted unable to get into stream-used bucket
Monitor noted slight stain to water/evidence of substantial recent flooding on banks
Monitor noted a steady sprinkle in the last 48 hours/leaves on stream bed
Monitor noted vehicle pull off area freshly mowed
Monitor noted had to move 10 yards downstream to find H2O deep enough to collect sample
Monitor noted stream channel changed-sampling site shallow

Monitor noted had to sample approximately 10-15 yards down stream to find water deep enough
Monitor noted assisted by Clark Thomas
Monitor noted Clark Thomas assisted

Monitor noted very light rain in last 48 hours/two fishing boats
Monitor noted natural flood debris in stream
Monitor noted lots of silt/natural flood debris in water and on banks/lots of skimmer beetles/small dead fish
Monitor noted severe measure storms in last 72 hours/water is turbid with yellow tint/floating debris/lots of sediment/natural flood debris in water/duck with babies on back in water
Monitor noted showers in past 24 hours/large branches, trees and debris in river/two fishermen up stream/can not see flow from Craig run due to Shenandoah river back flow
Monitor noted water is slightly turbid-muddy/lots of silt/butterflies/heron
Monitor noted high water
Monitor noted suspended particles in water/debris/natural flood debris in water/silt and sediment on boat launch and banks/tracks-wildlife and water fowl/trees uprooted
Monitor noted rain showers in past 48 hours/river higher than last week/water is slightly turbid-muddy/floating particles/horse manure at top of boat launch/pigeons
Monitor noted rain in last 24 hours-could hear thunder is the distance while at site/lots of silt and sediment/did not observe any pigeons this time/able to see discharge from Craig run-further out than the sample was taken
Monitor noted could not access regular site in riffle 30' downstream from ramp-took sample at ramp
Monitor noted rain in the last 24 hours/water is slightly turbid-muddy-silty with a slight tint/sediment/flood debris in water/silt and sediment on boat ramp and bank
Monitor noted suspended particles/sediment/butterflies/tubers dropped off at site/fishermen

Monitor noted tree bark in water/sediment/kayakers, canoes and tubers in water
Monitor noted flood debris in water/butterflies/group of tubers putting in at site/kayakers in water/anther group of tubers also being dropped off at site
Monitor noted heavy rain while at site/suspended particles/small flood debris/people down by river/man caught catfish about an hour before we arrived at site
Monitor noted small debris in water
Monitor noted suspended particles/flood debris in water/sediment/silt and sediment deposits on ramp/bus of tubers entering river at site/kayaks at site/second group of tubers came while at site
Monitor noted minute suspended particles/bank area is very disturbed from foot traffic/people at river fishing
Monitor noted water has minute tint/tubers being dropped off/tubers in the water/people going down to river to fish/family leaving site with their dog
Monitor noted sampled at tree because water is still to high at regular sample site/high water
Monitor noted rain in the last 24 hours/water has particles/clumps of algae in water/lots of particles in water/turtle/tubers, people fishing and kayakers in water
Monitor noted suspended particles/clumps of floating algae in river/heavy silt loading in river/fishy odor/butterflies/man sitting on end of boat launch/tuber downstream
Monitor noted suspended particles/lots of silt and sediment/flood debris in water/silt and sediment on boat launch/tiny aquatic insects
Monitor noted Site flooded, sed/particles, floating debris, boat launch covered with mud/sediment, people walking dog upstream of site/whirligig beetles/lots of animal tracks
Monitor noted great blue heron

Monitor noted sample collected at ramp not 20' downstream at usual site due to high water/king fisher
Monitor noted high winds and waves beating on shoreline/powerful winds from south west
Monitor noted fishing boat launching at site
Monitor noted unable to reach standard sampling site-took sample at ramp
Monitor noted influence from Craig run into river/lots of silt and sediment deposits on shore
Monitor noted boat pulling out of site stirring up sediment/lots of adults and kids in water
Monitor noted intermittent drizzle-mist while at site
Monitor noted tubers downstream
Monitor noted tubers and kayakers putting in at site/people playing in water and sitting by shore
Monitor noted tree trimming upstream of site/kayakers and tubers being picked up/lots of tubers and kayakers downstream/large group of tubers and paddlers being dropped off
Monitor noted tubers floating downstream of site/more tubers dropped off by watermelon park while collecting sample/tree trimming along the road at boat launch
Monitor noted lots of human activity, fishing, tubbing and swimming

Monitor noted several camp sites set up along river bank
Monitor noted FGA/two fishermen just downstream
Monitor noted sediment/watermelon park dropped off tubers while at site/kayakers launching, others taking off/whirligig beetles
Monitor noted tuber group with lots of kids being dropped off/workers doing tree work along road downstream of site
Monitor noted thunderstorms, evidence of rain within the past 24 hours/site is low able to see large rocks in river
Monitor noted blue green algae/tubers in river/group from watermelon park being dropped off as we left site
Monitor noted brown stain to water which maybe just from many tubers that launched here earlier
Monitor noted heavy measurable rain event today/unable to observe river bed/two adults neck deep in river
Monitor noted tubers putting in
Monitor noted someone fishing downstream
Monitor noted canoe taking out as we arrived/canoe putting in as we left
Monitor noted couple sitting in water/tubers in water snorkeling

Monitor noted a sprinkles in the last 48 hours/dock part at bank/lounge chair at ramp
Monitor noted blue heron
Monitor noted GB heron
Monitor noted currently raining at site/silt, mud and sediment loading
Monitor noted passing sprinkles today/family fishing, little kids playing in the river on and around boat ramp
Monitor noted lots of man made litter on banks/twin brothers fishing off bank
Monitor noted never seen parking lot this full
Monitor noted heavy rains on Friday June5/unable to see river bed
Monitor noted sediment/broken glass on boat launch/two guys fishing off bank
Monitor noted silt and sediment loading/human or dog waste odor/tubers downstream/tubes putting in as we left
Monitor noted too turbid to make observations through water/young adults frolicking in the river/watermelon park tubers/family tubing/lots of young people/bus of tubers coming in
Monitor noted may have rained earlier-roads were wet/lots of man made litter on banks/odor of rotting trash/lots of people tubbing and kayaking
Monitor noted sheen on top of water/campfire smell/trash has been picked up at site/bus of tubers coming in/tubers in water-lots of them/three men from watermelon park cleaning trash form area
Monitor noted water has a green tint that makes it hard to see the bottom/a lot of tubers

Monitor noted drizzle-mist while at site/thunderstorms at site within the past 48 hours/H2O level very low (25%) prior to recent rain/puddles, evidence of washout/new VADWR signs-fishing, boating-trespassing
Monitor noted no evidence of rain at site in past 48 hours/cicadas
Monitor noted small amount of standing water in parking area/tubers/lots of fish-minnows
Monitor noted silt-sediment loading/unable to see river bed/man made litter on banks starting to collect again
Monitor noted people tubing/group preparing to put in kayaks/people sitting by the water/kids skipping rocks/woman with two small kids in river playing
Monitor noted slight brown staining/ heavy silt and sediment loading/tree damage along opposite bank/lots of tiny aquatic insects possible hatching/cicadas/man fishing at boat launch/unable to see riverbed beyond bank area
Monitor noted very litter man made litter on banks/water has discoloration/tree down across river/unable to see river bed
Monitor noted drizzle-mist while at site/slight silt-turbid color/heavy silt and sediment loading/squirrel
Monitor noted a lot of bubbles/heavy silt and sediment loading/trees down along banks/man throwing logs into river/fisherman/evidence of someone putting in on boat launch
Monitor noted person fishing off bank/kayakers upstream/turkeys
Monitor noted H2O puddles in parking area
Monitor noted kayakers/no trash

Monitor noted possible local thunderstorms in past 48 hours/cicadas/bees in water
Monitor noted filamentous green algae (FGA)
Monitor noted people on boat/tires from river piled up on side of boat landing
Monitor noted substantial number of tubers just upstream of sample site
Monitor noted heavy silt and sediment loading
Monitor noted clumps of algae floating by
Monitor noted sample collected upstream of sample site due to local tubing/snake

Monitor noted water level is low
Monitor noted water level low-
Monitor noted water level low
Monitor noted very little trash
Monitor noted water level low/heavy silt and sediment loading
Monitor noted heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)
Monitor noted due to high water and mud sampled at the boat ramp/High water/mud
Monitor noted suspended particles/greenish tint/lot of brown-decaying algae/muddy banks/small surface aquatic insects/someone on boat upstream/puddles in parking area
Monitor noted no H2O temperature-thermometer broken/water level higher than last visit/unable to see riverbed/heavy silt-sediment-sand loading/odor of decay/lots of trash in parking area

Monitor noted unable to see riverbed/green and brown-decaying algae on ramp landing/standing puddles in parking area around boat ramp
Monitor noted puddles in parking area/rain while at site/fishing line in water/trace man made litter on banks
Monitor noted light drizzle while at site/unable to see riverbed
Monitor noted puddles/lots of brown-decaying algae/heavy silt-sand-sediment loading/ unable to see riverbed/muddy banks/five Great Blue Heron flew over while at site
Monitor noted suspended particles/barely able to see riverbed/clothes on bank/cicadas/man canoeing upstream
Monitor noted suspended particles/frog/hard to see stream bed
Monitor noted unable to see riverbed/person kayaking
Monitor noted rain showers in the past 48 hours/water has very minute brown stain with suspended particles/scum on water surface/lots of tiny aquatic surface insects
Monitor noted standing puddles/water level slightly higher than last week/water is has minute turbid-muddy-brown stain/unable to see riverbed/cicadas/boat in river upstream/tubers in river downstream
Monitor noted wind damage-branches down-rain in last 48 hours
Monitor noted cigarette butt on bank/site has been cleaned up
Monitor noted water level is normal to high for this time of year/unable to see riverbed out at collection site/person fishing/possible Osprey
Monitor noted can see where water level has receeded-H2O mark

Monitor noted tire on bank/unable to see riverbed
Monitor noted heavy silt-sand-sediment loading/water is thick and slimy/puddles in parking area/man getting ready to launch canoe to fish
Monitor noted assisted by Clark Thomas
Monitor noted water slightly turbid
Monitor noted Clark Thomas assisted/Color of water is slightly cloudy
Monitor noted very light rain in last 48 hours/fish-minnows-one large school 2 1/2" and one large school 1 1/4" both schools had hundreds of fish
Monitor noted gnats
Monitor noted color of water had a slight greyish stain

Monitor noted tee trimming around overhead power lines
Monitor noted water nearly crystal clear-less cloudy than usual/tree and brush removal at sample site
Monitor noted color of water is greyish
Monitor noted trees and bushes cut down
Monitor noted tree down on path
Monitor noted a gentle sprinkle in the last 48 hours
Monitor observed watercress for the first time
Monitor noted frog
Monitor noted frog
Monitor noted two white feathers on bank unsure what from/nice bed of watercress just below bridge in stream
Monitor noted color of water cloudy

Monitor noted water level was slightly elevated
Monitor noted water slightly turbid
Monitor noted assisted by Clark Thomas
Monitor noted power line construction

Monitor noted Clark Thomas assisted/odor of perfume at site
Monitor noted new electrical construction
Monitor noted very light rain in last 48 hours/river has brownish-greenish cast
Sample had a musty odor/monitor noted power line work
Monitor noted highest flow I've seen-smashed bucket/not mowed recently/force of flow smashed bucket

Monitor noted very high volume of H2O coming from pipe

Monitor noted detergent odor
Monitor noted green algae at pipe/strong perfume smell/tree and brush removal
Monitor noted odor of detergent-soap
Monitor noted area nicely mowed

Monitor noted perfume smell
Monitor noted detergent smell
Monitor warned EXTREME DANGER POSSIBLE! When first arrived at site the discharge flow was very low, just as I began to fill the bucket, the flow increased to full force, I could have been jerked on to the rocks 10' below.
Monitor noted after sampling the discharge increased to "normal"/area recently mowed

Monitor noted slow flow
Monitor noted strong perfume odor
Monitor noted strong perfume odor
Monitor noted detergent smell as usual at site

Monitor noted perfume smell
Monitor noted low flow at time of sampling/Sample contained a lot of suspended particles
Monitor noted grass to collection site recently mowed

Monitor noted assisted by Clark Thomas
Monitor noted had to break through thin ice
Monitor noted Clark Thomas assisted
Monitor noted very light rain in AM on 4/12/2018/hundreds of beetles/area quite clean-early in season/Sample became frothy when shaken

Monitor noted lots of silt/natural flood debris on banks and in river/run off from parking lot flowing into river
Monitor noted lots of silt/natural flood debris on banks and in stream/lots of skimmer beetles/run off from parking lot down to river
Monitor noted natural flood debris in water/severe measurable storms in last 72 hours/odor-almost a pine like smell/egret/run off from parking lot into river
Monitor noted severe rain in past 48 hours/drizzle-mist while at site/large debris/minute particles/lots of debris, logs and branches in river/river has partly covered the parking lot/run off from parking lot into river
Monitor noted sediment and silt particles/water is slightly turbid-muddy/natural flood debris on banks and in river/man fishing on stream edge/two men down by river/run off from parking lot into river
Monitor noted floating particles/debris/natural flood debris in water/large branch on boat landing/runoff from parking lot into river/man fishing downstream/lots of silt and sediment on banks
Monitor noted rain showers in last 48 hours/water is higher than last week/water is slightly turbid-muddy/lots of floating particles/debris in river/lots of trees and branches down in water/natural flood debris on banks and in river/heron/ pigeons/run off from parking lot into river
Monitor noted rain in last 24 hours/flood debris in river/lots of evidence of new erosion/run off continues into river from parking lot/did not observe any pigeons this time/people fishing

Monitor noted rain in the last 24 hours/minutely discolored/flood debris in water/bank and boat ramp have sediment and silt deposit as well as parking area/people fishing/run off from parking lot into river
Monitor noted suspended particles/debris in water/large branch by bridge/lots of people in water/no run off from parking lot
Monitor noted sediment/some large logs remain in the river/no run off from parking lot/people fishing/people walking dog
Monitor noted lots of sticks in water/feces in parking lot
Monitor noted heavy rain while at site/slightly turbid-muddy/small flood debris/run off from parking lot/people wading in water/people fishing
Monitor noted small debris in water/lots of sediment/run off from parking lot into river/boat in water
Monitor noted high water required tossing bucket from the shore
Monitor noted sediment/flood debris in water/run off from parking lot into river/evidence of recent flood/lots of silt and sediment debris in parking area/people fishing and playing in water downstream of site

Monitor noted debris in water/run off from parking lot into river/family at site playing in the water and fishing/family getting in and out of water-enjoying the river
Monitor noted water has minute tint/sediment/debris in water/run off from parking lot into river/whirligig beetles/parking area has significant erosion/evidence water level has receded
Monitor noted rain in the last 24 hours/suspended particles/slime layer on top of water/flood debris in water/ sediment/no run off from parking lot/whirligig beetles/people at the river
Monitor noted water has lots of suspended particles/debris in water/no run off from parking lot into river this time/whirligig beetles/hellgrammites/people fishing/VDOT sprayed herbicide around entrance area at site
Monitor noted drizzle while at site/suspended particles/flood debris in water/run off from parking lot into river/whirligig beetles/sediment and silt on boat landing
Monitor noted whirligig beetles/Site flooded, debris, silt, floating debris, runoff from parking lot flowing into river, boat landing and parking area covered with mud, sediment, people fishing downstream

Monitor noted muddy parking area
Monitor noted runoff from parking lot into river
Monitor noted runoff from parking area into river/lots of runoff
Monitor noted runoff from parking area into river, has algal growth and oily sheen/lots of silt and sediment in parking area
Monitor noted two people fishing/runoff from parking area into river with slight oil sheen
Monitor noted intermittent drizzle while at site/runoff from parking lot flowing into river/man fishing just downstream of sample site
Monitor noted no runoff from parking area/two men fishing upstream

Monitor noted sample collected downstream of boat launch due to someone using launch/runoff from parking area into river/people tubbing downstream/canoe at boat launch
Monitor noted no runoff from parking area/two kayakers taking out as we arrived/two fishermen upstream said they caught small mouth bass with possible hook wounds
Monitor noted father and son with puppy fishing off boat landing/runoff from parking area into river
Monitor noted FGA
Monitor noted runoff from parking area into river/people fishing at site in boat upstream of site on other side of bridge pillars, one caught a large carp
Monitor noted runoff from parking area into river/VDOT trimming while at site
Monitor noted no run off from parking area/natural debris in water/lots of man made litter on banks/whirligig beetles
Monitor noted run off from parking area into river/kayakers getting ready to launch
Monitor noted thunderstorms, evidence of rain within past 24 hours/clumps of FGA floating by/no runoff from parking area/
Monitor noted people floating downstream/FGA

Monitor noted heavy measurable rain event today/runoff from parking area into river/unable to see river bed/adults coming out from tubing/man fishing
Monitor noted evidence of rain in past 48 hours/standing puddles but not enough to cause runoff from the parking area
Monitor noted no runoff from parking lot
Monitor noted canoe putting in at site
Monitor noted no runoff from parking area
Monitor noted leaves on river bottom

Monitor noted DO seemed a little high-first use of the day
Monitor noted substantial erosion/runoff under bridge
Monitor noted currently raining at site/run off from parking area-bridge flowing into river
Monitor noted passing sprinkles today/run off from parking area flowing into the river/mom and son fishing off boat ramp/heavy outflow from Berryville WWTP discharge pipe
Monitor noted fishermen at sampling site-collected at the boat ramp
Monitor noted run off from parking area flowing into river/person in kayak fishing
Monitor noted never seen parking lot this full/no discharge from Berryville outfall
Monitor noted sediment/can not see river bed/parking lot is full-plus kids playing in the H2O, people tubing/family having a cookout/run off from parking area flowing into river
Monitor noted heavy rains on Friday June 5/run off from parking area flowing into river/new erosion/still unable to see river bed
Monitor noted sediment/broken glass on boat landing/no run off from parking area

Monitor noted silt and sediment loading/snails/kids playing in water/dog in parking area/no run off from parking lot/kayakers upstream/kids watching the sampling process/two kayakers came in as we were leaving-told them about the web site and Facebook/peo
Monitor noted run off from parking area flowing into river/silt and sediment loading/guys tubing, guys launching boat
Monitor noted wet areas on road may have rained/water is minutely turbid/family recreating in river on boat landing/guys fishing out in river
Monitor noted silt and sediment loading/sheen on top of water/sweet smell by boat landing/waste-landfill smell on opposite side of boat landing by parking lot/no run off from parking lot into river/people kayaking up and down stream/ladies in water by boa
Monitor noted fishing along bank
Monitor noted thunderstorms at site within the last 48 hours/drizzle-mist while at site/H2O level very low (25%) prior to rain/runoff from parking area flowing into river/sign stating fishing, boating only/standing puddles
Monitor noted no evidence of rain at site in the past 48 hours/chlorine odor/cicadas
Monitor noted parking area still wet/standing water/runoff from parking area into river/a lot of people at site and cars parked/cicadas
Monitor noted silt-sediment loading/unable to see river bed/cicadas/no cars in parking area

Monitor noted discharge flowing from Berryville WWTP/no runoff from parking area into river/two fishermen/boulder crest retreat van and kayak trailer in parking lot/unable to see river bed
Monitor noted slight brown tint/garbage in water-fishing hook/minty smell/no run off from parking area into the river/lots of very tiny aquatic insects possible hatching/people putting in canoe/kayak/unable to see river bed away from bank area
Monitor noted slight brown tint/garbage in water-fishing hook/minty smell/no run off from parking area into the river/lots of very tiny aquatic insects possible hatching/people putting in canoe/kayak/unable to see river bed away from bank area
Monitor noted lots of man made litter on banks/gravel filling in some of the larger holes in parking area/cicadas/fisherman/slight run off from parking area into river/unable to see riverbed
Monitor noted drizzle-mist while at site/clumps of green algae in water/minute turbid-muddy color/large logs in river/run off from bridge into river/VDOT-DGIF solar message board has been removed from parking lot/heavy discharge from the Berryville WWTP o
Monitor noted heavy silt and sediment loading/flying aquatic insect hatching/a lot of man made litter on banks/lot of new erosion/lot of litter in water/squirrels
Monitor noted trace white foam-bubbles/people canoeing and fishing downstream
Monitor noted runoff from bridges and parking area into river/H2O puddles in parking area
Monitor noted flock of geese upstream

Monitor noted due to high water at sampling site, I collected the sample approximately 20 yards upstream
Monitor noted graffiti on bridge pilings
Monitor noted thunderstorms and rain showers in past 48 hours/lots of trash on banks/cicadas/no runoff from parking area
Monitor noted dead cicadas/runoff from parking area entering river
Monitor noted swallows
Monitor noted heavy silt and sediment loading
Monitor noted heavy silt and sediment loading

Monitor noted clumps of algae floating by/filamentous green algae (FGA)
Monitor noted fishy-decay odor
Monitor noted water level is low
Monitor noted water level low-
Monitor noted water level low
Monitor noted water level low/heavy silt and sediment loading
Monitor noted heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)

Monitor noted more graffiti
Monitor noted suspended particles/heavy silt-sand-sediment loading/flower-sweet smell/runoff from parking area stops before entering river/puddles in parking area/fisherman downstream/something maybe trash floating down stream
Monitor noted no H2O temperature-thermometer broken/water level is higher than last visit/unable to see riverbed/lot of trash on banks/baby groundhog/runoff from parking area into river/puddles in parking area
Monitor noted unable to see riverbed/green and brown-decaying algae on ramp landing/standing puddles in parking area/runoff from parking area flowing into river
Monitor noted puddles in parking area/runoff

Monitor noted light rain while at site/suspended particles/sweet smell/ dead fish/tackle box left on ramp/standing puddles/runoff from parking area into river/white clumps floating downstream
Monitor noted puddles in parking area/green algae on ramp/unable to clearly see riverbed/sweet smell/runoff from parking area into river/lot of gravel on boat launch
Monitor noted some puddles in parking area/suspended particles/heavy silt-sand-sediment loading/barely able to see riverbed/runoff form parking lot into river/cicadas
H2O sample not collected-traffic at stand still prior to site
Monitor noted unable to see riverbed/lots of man made litter on banks/dead crayfish
Monitor noted rain showers in area in the past 48 hours/water has minute brown stain with suspended particles/scum on surface of water/no runoff from the parking area today/cicadas/fisherman upstream
Monitor noted standing puddles in parking area/minute brown staining/heavy silt-sand-sediment loading/unable to see riverbed/cicadas/runoff from parking area into river
Monitor noted runoff from parking area into river/water is moderately turbid-muddy-brown stain/people in the river fishing
Monitor noted puddles in parking area/no runoff from parking area into river
Monitor noted no runoff from parking area, no puddles/water level is normal plus to high for this time of year/unable to see riverbed out at sample site

Monitor noted runoff from parking area/marks where H2O level was up/osprey
Monitor noted runoff from parking area/puddles/unable to see riverbed
Monitor noted water is slightly turbid-muddy-brown stain/heavy silt-sand-sediment loading/runoff from parking area into rive
Monitor noted parking area much cleaner than what I have typically seen
Monitor noted assisted by Clark Thomas
Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours

Monitor noted raging torrent
Monitor noted color of water is greyish green/road shoulder on southside being scraped because of water accumulation

Monitor noted slight flow/only cars at site

Monitor noted water level slightly high

Monitor noted assisted by Clark Thomas/crow
Monitor noted heavy rain and drizzle-mist/thunderstorms while at site/stream flashing because of current heavy rain from thunderstorm/moss/spring fed
Monitor noted heavy rain at site in last 72 hours/suspended particles/little bit of brown foam/sand/water has an iron color/moss on rocks/turtle shell/butterflies
Monitor noted iron color in water/rain for around twenty minutes on Wednesday/water has slight tint/small spots of colored sheen (oil)/frog/butterflies and lizard
Monitor noted rain on Sunday/lots of leaves/heavy silt loading/iron color-mostly on sediment/film on top of water/lots of leaf litter on banks/woodpecker
Monitor noted rain in the last 24 hours/foggy and misty while at site/lots of leaves in water/hawk seen while going to site
Rocky Branch tributary flowing off western slop of the Blue Ridge
Monitor noted water has a slippery scum
Monitor noted butterflies/lots of people at site
Monitor noted heavy rain in the last 72 hours/minute tint/water has iron color/lady walking with two dogs along walking path
Monitor noted water level too shallow to use WTW/people down by the river/water has very slight tint/rain for about twenty minutes on Wednesday/frog/butterflies

Monitor noted rain on Sunday/heavy silt and sediment loading/iron color mostly on sediment/lots of leaf litter on banks
Monitor noted snow showers/some ice along edges/snow in the water/lots of leaves/some snow on banks/eagle and hawks/people walking dog
Monitor noted rain in last 24 hours/foggy and misty while at site/copper staining to water bed/hawk seen on path down to site
Raven's Rock tributary flowing off western slop of the Blue Ridge
Monitor noted people and dog(s) tracks
Monitor noted just starting to drizzle-mist/can hear thunder/rain became steady while at site/lots of sediment/butterflies/bridge 6039
Monitor noted suspended particles/rocks are slimy/butterflies/frog
Monitor noted butterflies/moths/water has an iron color

Monitor noted rain on Sunday/lots of leaves/some spots of green algae/iron color on silt and sediment/slime/lots of leaf litter on banks/lots of aquatic surface insects
Monitor noted snow showers/ice in water/stream bed is slippery/sand/snow on banks
Monitor noted rain in the last 24 hours/foggy and misty while at site/moss/lots of decomp/sand/lots of man made litter on banks-the most we have seen thus far/tiny aquatic insects
Spout Run Pigeon Hollow tributary flowing off western slop of the Blue Ridge
Monitor noted not yet any precipitation in last 48 hours/water has a slippery scum/slim
Monitor noted water is slimy
Monitor noted sediment/odor of manure/cicadas/butterflies/collecting sample downstream because of small vernal trib upstream of culvert/lots of silt and sediment loading
Monitor noted water level just deep enough to submerge nutrient sample bottle/SAV/mowing has been done right up to river edge/butterflies/mowing is being done down in surrounding riverbed area/several campers near sample site/riverbed is easily disturbed
Monitor noted apple like smell/tadpoles/frog/whirligig beetles

Monitor noted rain on Sunday/lots of leaves in water/lots of leaf litter on banks/large great blue heron taking off
Monitor noted snow showers/snow and ice along banks
Monitor noted rain in the last 24 hours/foggy and misty while at site
Fox's Branch tributary flowing off western slop of the Blue Ridge
Monitor noted not yet any precipitation in last 48 hours/slime
Monitor did not feel comfortable staying long at site because people using river front sites
Monitor noted rain in the last 24 hours/foggy and misty while at site/first time site has had a measurable flow/woodpecker/clumps of foam (large) floating down the river/first time able to collect at site

Sickel's branch tributary flowing off western slop of the Blue Ridge
Monitor noted not yet any precipitation in the last 48 hours/squirrels
Monitor noted butterflies/frog/sediment/bird droppings in streambed/lots of fish-minnows
Monitor noted a few bubbles/SAV/lots of silt and sediment/frog/butterflies/ants/spoke to property owner
Monitor noted rain on Sunday/lots of leaves in water/leaf litter on banks
Monitor noted snow showers/snow on banks
Monitor noted rain showers in last 24 hours/misty and foggy while at site/lots of leaves in water/green algae on rocks/some moss on rocks/very tiny aquatic insects-lots of them
Morgans Mill Stream tributary flowing off western slop of the Blue Ridge
Monitor noted not yet any precipitation in the last 48 hours
Monitor noted color of water as clear to minutely turbid-muddy

Monitor noted sample slightly cloudy/suspended particles/lots of sediment/water is very turbid/flood debris/replacing-rebuilding culverts that washed out on July 4, 2019/culverts at each of the two crossings washed out and are being replaced/work-construction up stream of site/spoke to a gentleman about the replacements/butterflies
Monitor noted rain on Sunday/heavy leaves in water/silt and sediment loading/heavy leaf litter on banks
Monitor noted snow showers/some snow and ice along edges/lots of leaves/snow on banks/crow flying over
Monitor noted rain showers in the last 24 hours/misty and foggy while at site/lots of leaves in water
Wrights Branch tributary flowing off western slop of the Blue Ridge

Monitor noted currently drizzle-mist while at site
Monitor noted color of water as clear to minutely turbid-muddy
Monitor noted water slightly turbid/talked to owner North West field bought by new party who has said something about cleaning stream bank-have to keep eye on
Monitor noted Clark Thomas assisted/vegetation removal
Monitor noted very light rain in last 48 hours
Monitor noted water slightly turbid-muddy
Monitor noted color of water is clear
Monitor noted a plastic chair on bank

Monitor noted color of water is greyish/green algae on rocks
Monitor noted squirrel
Monitor noted evidence of new erosion likely deer crossing
Monitor noted observed 3" fish-species of fish not observed
monitor noted color of water cloudy

Monitor noted frog
Monitor noted no change along banks
Monitor noted water level slightly elevated
Monitor noted assisted by Clark Thomas

Monitor noted deterrents odor
Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours/Boyce lift station at end of driveway has bad odor/Very slight brown tint/slightly frothy when shaken
Monitor noted detergent odors
Monitor noted water slightly turbid-muddy/butterflies
Monitor noted because of broken bucket samples had to be taken from half full bucket
Monitor noted sweet perfume aroma
Monitor noted Roseville run highest I've seen it this time of year
Monitor noted frog
Monitor noted Roseville Run very clear

Monitor noted dripping water only from pipe/just a trickle of water
Monitor noted sewage smell while walking to site
Monitor noted 125 car train went by
Monitor noted silt presence more noticeable that last time. Maybe cattle again upstream at watering site
Monitor noted detergent smell

Monitor noted strong perfume odor
Monitor noted color of water cloudy
Monitor noted lots of green algae growing on rocks directly below discharge pipe
Monitor noted tree and limbs down on banks and-or surroundings in immediate area surrounding site
Monitor noted no change along banks

Monitor noted assisted by Clark Thomas
Monitor noted water slightly turbid
Monitor noted Clark Thomas assisted
Monitor noted very light rain in last 48 hours/many caddis on rocks in stream bed-first time seen there
Monitor noted raining hard
Monitor noted frog
Monitor noted clearest I have seen river/probably no cattle now on farm
Monitor noted site beautiful again
Monitor noted drizzle-mist today
Monitor noted red tail hawk
Monitor noted color of water is greyish
Monitor noted squirrels

Monitor noted water is cloudy
Monitor noted evidence of cattle in stream
Monitor noted color of water is clearest I've ever seen it/leaves on stream bottom
Monitor noted great blue heron in stream
Monitor noted color of water slightly cloudy
Monitor noted dead leaves in stream bed covered with silt
Monitor noted color of water cloudy
Monitor noted water is somewhat turbid
Monitor noted haven't seen it discolored in several years/gnats
Monitor noted owner said cattle were fenced from stream about 12 months ago
Monitor noted color of water slightly cloudy brown

Monitor noted assisted by Clark Thomas
Monitor noted no scum on pond just above rock dam
Monitor noted Clark Thomas assisted
Monitor noted light rain 4/12/2018/took picture of cattle at stream bank/large cattle herd 40 head immediately upstream
Monitor noted butterflies

Monitor noted this is as clear as I have seen due to absence of cattle in stream during this colder weather
Monitor noted unfenced cattle upstream
Monitor noted drizzle-mist today/golf ball in water
Monitor noted color of water is greyish green
Monitor noted substantial scum/substantial number of cattle upstream with access to stream
Monitor noted water color is a greyish green/water above rock structure/grey green and turbid/algae on surface

Monitor noted unfenced livestock in field
Monitor noted frog
Monitor noted color of water slightly cloudy/snails
Monitor noted terrible moss/picture taken of livestock on banks/will try and get farm to fence out cattle
Monitor noted color of water cloudy/human litter in water-golf balls
Monitor noted water level a little higher than normal/color of water slightly brown cloudy

Monitor noted water level slightly elevated/nymphs on water plants
Monitor noted assisted by Clark Thomas/water color is slightly cloudy
Opequon Creek at Neills Road ford/Monitor noted drizzle-mist while at site/severe measurable storms in last 72 hours/odor/lots of leaves/lots of sediment/natural flood debris in water/run off from road
Monitor noted rain in the last 48 hours/water is fairly clear/small debris in creek/tire in creek/monitor is sinking in heavy sediment/deer and raccoon tracks/butterflies/run off from road into creek/evidence of flooding on road/algae growth is in run off
Monitor noted passing localized shower in last 48 hours/man made litter on banks and in creek/tire and drain tubbing in creek/deer tracks/huge brook trout
Monitor noted large tree in water/debris/natural flood debris in water/evidence of new erosion-lots/odor of released methane/raccoon tracks/deer tracks/woodpecker/lots of silt and sediment deposited on banks

Monitor noted water level is normal to high/water is steady flowing fast/wildlife tracks of deer and raccoon
Monitor noted drizzle while at site/rain in last 24 hours/can hear thunder in the distance/deer tracks/human foot prints/butterflies
Opequon Creek at Neills Road ford/monitor noted lite drizzle while at site/rain in last 24 hours/floating small debris/sediment/odor of decay/heavy silt and sediment deposit on road and banks/wildlife tracks/rabbit/run off from road into stream
Monitor noted suspended particles/lots of silt and sediment/small debris in water/8" of sediment and silt loading along banks/owl/tadpole/woodpecker/water is very turbid-can not see stream bottom
Monitor noted wildlife tracks
Monitor noted butterflies/frog/access to creek is very muddy and thick
Monitor noted thunderstorm rolling in while at site/animal tracks on bank
Monitor noted water is cloudy/sediment/run off into stream from road/can hear a frog/lots of algae-slime on the road
Monitor noted sample collected sample using direct streamside method using grab pole/sediment/small flood debris in water/heavy silt and sediment deposit on bank access way/butterflies/people in water upstream
Monitor noted sediment/sand/lots of sand, silt and sediment/raccoon tracks/people playing in water upstream
Monitor noted sample collected streamside using grab pole/debris in water/sediment/deer tracks/evidence of recent water residence

Monitor noted rain/lots of green algae/film on top of water/frogs/turkey/butterflies/algae cover is about 85%/tire tracks in creek
Monitor noted raccoon tracks/butterflies/path to the site is heavily loaded with silt and sand
Monitor noted water slightly turbid-muddy/run off into stream from Neill road/raccoon tracks
Monitor noted runoff from Neil road into creek/fish seen in the tracks of the ford road/lots of mud, sediment and silt deposits
Monitor noted runoff from Neil road into creek/lots of disturbances from vehicles
Monitor noted still water standing in parts of Neil road
Monitor noted tire tracks/standing water on path to river in spots/algae in some places along path/oil sheen in places where pools of water are on path way down-mostly in deep tire track areas
Monitor noted tire tracks down to the river/path-road to site is dryer than past time, still heavy silt, sediment and mud loading closer to river
Monitor noted pile of burned material on path down to site
Monitor noted lots of branches down/tire tracks on path down to river

Monitor noted adult and child on creek bank fishing and going in and out of the water/animal tracks on creek bank
Monitor noted FGA
Monitor noted no puddle, standing water on road leading to site/FGA
Monitor noted lots of mud, silt and sand/natural debris floating by
Monitor noted thunderstorms in last 24 hours/disturbance of banks and riverbed/large mound of dirt on road down to site has been disturbed/banks on both sides of road have been disturbed/tracks of large tires can be seen on road and river bed
Monitor noted FGA brown in color/blue green algae/gravel has been laid down/banks have been pushed up, raw dirt/kids playing in water
Monitor noted passing rain shower today/no evidence as much rain as Berryville side of Clarke county/bank stabilization complete
Monitor noted drizzle mist while at site, could hear thunder in distance

Monitor noted currently raining at site/water level may be slightly elevated/silt, mud and sediment deposited along the banks
Monitor noted passing sprinkles/2 tires in water/chlorine odor/mud on banks/decaying head of small catfish floating downstream
Monitor noted hawk
Monitor noted a lot of algae growth in one week
Monitor noted heavy rain Friday June 5/still standing water on path/evidence of flooded conditions/kids playing in creek upstream of site
Monitor noted property owner followed down to site
Monitor noted people driving on ford-evidence of new erosion
Monitor noted evidence of new erosion driving on bank

Monitor noted passing thunderstorm in area during the last 48 hours/chlorine smell/kingfisher/dead crayfish-large
Monitor noted thunderstorms at site in past 48 hours/H2O level was very low prior to recent rain/unable to see riverbed-color of water is turbid-muddy with brown stain/standing puddles
Monitor noted no rain at site in the past 48 hours/chlorine odor/cicadas
Monitor noted color of water slightly turbid-muddy/silt-sediment loading/green heron/spoke with Ronnie Dehaven
Monitor noted site is very muddy/saw deer on road into site/very large dragonflies/deer tracks/dog tracks
Monitor noted down tree in water/very tiny aquatic insects, lots of them, possible a hatching/cicadas
Monitor noted water has slight discoloration/road down to site is very muddy
Monitor noted H2O level is up to the ford/heavy silt and sediment loading/tree down across creek/grass clippings in creek/large logs floating by/lots of mosquitoes/waist deep about 16' from creek
Monitor noted tree down in water/strong sewage odor from WWTP/chlorine odor/lots of new erosion/caked up mud where creek received/trees down on banks/fox/possible coyote tracks/lots of new erosion along banks and ford into site

Monitor noted more natural debris in water than a week ago/chlorine odor/deer tracks
Monitor noted creek is backing up onto ford/water is moving swiftly/unable to see streambed
Monitor noted creek is backing up onto ford/water is moving swiftly/unable to see streambed
Monitor noted lot of brown decaying algae/mud/large dirt berm-wall across creek/raccoon and deer tracks/mosquito/frog/dog tracks
Monitor noted no H2O temperature reading/mud on road-banks/ford has been driven through/dog tracks/deer tracks/bones on path-possibly those of a deer
Monitor noted unable to see riverbed/deer tracks/standing H2O on gravel road
Monitor noted dead crayfish/rabbit squirrel

Monitor noted standing water on road to site/steady flowing swift water/heavy silt-sand-sediment loading/mud in water/cannot see creek bed/chlorine-WWTP odor/banks very muddy/lot of deer tracks/deer seen on way to sight/runoff form road into creek
Monitor noted standing water-puddles on road to site/odor from waste water treatment plant/skunk smell/heavy mud loading on banks/rabbit/two fawns/squirrels/goat/raccoon tracks/deer tracks
Monitor noted minute suspended particles/tire tracks across ford/deer and raccoon prints
Monitor noted suspended particles/rabbit/evidence of storm, tree down at entrance/plowed banks
Monitor noted suspended particles/evidence of new erosion-large tires-tracks
Monitor noted rain showers in the area during the past 48 hours/water clear with suspended particles/skunk odor/driving through the ford has torn banks up
Monitor noted water level higher than previous week/water slightly turbid-muddy/heavy silt-sand-sediment loading/unable to see creek bed/ford is heavily rutted with tire tracks/cicadas
Monitor noted water is moderately turbid-muddy-brown stain-tint/odor from waste water treatment plant-WWTP

Monitor noted possible passing light rain showers in the last 48 hours/water clear with suspended particles/goats were wondering around/odor from waste water treatment plant-WWTP
H2O sample not collected-no access to site-tree-brush down blocking drive-ford to creek
H2O sample not collected-no access to site-tree-brush down blocking drive-ford to creek
H2O sample not collected-no access to site-tree-brush down blocking drive-ford to creek
Monitor noted no H2O temperature reading-thermometer broken/grass clippings in water/birds playing in water/water channel is wider-more water/higher water level than previous sample rotation/people at the park
Sample collected from Town Run just upstream of walking bridge in Rose Hill Park Berryville VA/ Monitor noted grass clippings in water/birds are in water/channel is wider-more water/higher level than previous sample visit/people at the park
Monitor noted water is slightly turbid-muddy/possibly some filamentous green algae-FGA
Sample collected from Town Run just upstream of walking bridge in Rose Hill Park Berryville VA/ Monitor noted sample slightly turbid-muddy
Sample collected from Town Run just upstream of walking bridge in Rose Hill Park Berryville VA/ Monitor noted grass cut up to stream
Monitor noted grass cut up to stream
Monitor noted heavy rain in last 48 hrs., ground was wet

Monitor noted grass is damp/water is clear with suspended particles/deer tracks on bank/neighbors have chickens/buffer area allowed to grown along streambank
Monitor noted horse farm-boarding upstream of site/gnats
Monitor noted livestock on banks upstream and across/neighborhood dogs
Monitor noted whirligigs
Monitor noted iron bacteria in water/horses upstream on banks/dog waste in yard
Monitor noted possible passing light rain-snow shower in past 48 hours/horses in pasture upstream/goats in field adjacent

Monitor noted snow on banks
Monitor noted trees down in water and on banks/livestock in water and on banks upstream
Monitor noted intermittent rain-heavy rain-rain in last 48 hours evident by high water and standing puddles/water has minute brown stain with suspended particles/lots of natural debris in stream/tree trunks and large logs down in stream/water has odor of manure/large logs and trees down along banks/fence installed up to stream bank where buffer used to be by neighbors/rooster heard/cows in stream upstream of site/manure pile in adjacent field
Monitor noted suspended particles/heavy sediment loading/slimy-slippery streambed/moss on rocks/lawn mowed-lots of grass clippings/lots of gnats/geese in felid across road upstream/pipe in stream/goats fencing to bank of stream
Monitor noted hose along opposite bank/riparian area along bank grown up
Monitor noted suspended particles/gnats/cicadas/butterflies/owner mowing/bird droppings on rocks in water

Monitor noted sulfur smell/pig observed at opposite end
Monitor noted water clear with suspended particles/lot of gnats/chickens in yard across from creek
Monitor noted dog waste in yard/crows/lots of gnats/horse in field upstream/goats and chickens in field across stream
Monitor noted water clear with suspended particles/moss on rocks in stream/very small surface aquatic insects/goats in field adjacent to stream/horses up stream/pig in adjacent field
Monitor noted color of water clear with suspended particles/decomposing FGA/some clearing-weeding of buffer/horses in adjacent field/goats and pig in field across from stream/dog waste in yard to site
Monitor noted little ice upstream/color of water is clear with minute suspended particles/dam-natural debris downstream/woodpecker/hawk/ Previous Site ID LWCVCRU1
Monitor noted slight minute brown stain-turbid-muddy/log-debris jam downstream/deer tracks

Monitor noted possible snow-rain-flurries in last 48 hours at site/started flurrying while at site/color of water clear with suspended particles-debris
Monitor noted not ice/river grass/woodpecker/spider/scat/ Previous Site ID LWCVCRU2
Monitor noted minute suspended particles/brown aquatic vegetation/deer tracks
Monitor noted passing snow flurries-rain snow mix-snow at site in last 48 hours
Monitor noted steady flow from discharge pipe-more than last time/ice along banks/discharge is sudsy/in stream under discharge pipe lots of decomp and green algae/smell of disinfectant-sweet like laundry detergent/ Previous Site ID LWCOSDP
Monitor noted normal flow from discharge pipe/bubbles in stream in area around discharge
Monitor noted possible passing snow-rain-flurries in last 48 hours at site/color of water gray with minute tint/white foam and bubbles in stream
Monitor noted water color clear with suspended particles/banks are overgrown

Monitor noted suspended particles for color of water/sand/mollusk
Monitor noted heavy silt-sediment loading/possible juvenile eagle/raccoon tracks/remains of animal carcass in creek at site
Field duplicate sample - second water sample collected while in the field
Monitor noted silt and sand heavy loading

Monitor noted ice chunks floating by-some very large in size/color of water slightly turbid-muddy with particulates present/heavy silt, sand and sediment loading/unpleasant smell-wild onion and manure odor/snow and slush along banks/fish jumping/ice around banks and water/run off into river from left and right sides of banks
Monitor noted possible quick passing rain-snow shower in past 48 hours/color of water slightly turbid-muddy/suspended particle/heavy silt, sand and sediment loading/ice on banks-trace/snow on banks
Monitor noted possible passing rain showers in past 24 hours/heavy sand and silt loading/animal tracks/spiders
Monitor noted intermittent rain-rain-heavy rain in last 48 hours-standing water-puddles/color of water has yellowish-brown staining with suspended particles/Canadian geese flying over/no DO or pH readings-unable to see stream bottom-to dangerous to enter water/conductivity measured in lab

Monitor noted suspended particles/unable to see streambed/very muddy/strong onion or unpleasant plant smell/lot of mud on banks
Monitor noted heavy silt-sand-sediment loading/raccoon tracks/riparian buffer area along bank grown up
Monitor noted no DO or pH readings due to unsafe conditions/conductivity performed in lab/heavy silt-sediment-sand loading/unable to see riverbed/turkey
Monitor noted suspended particles in water/heavy silt-sand and sediment loading

Monitor noted heavy silt-sand-sediment loading
Monitor noted water clear with suspended particles/heavy silt-sand-sediment loading/lots of fish-minnows/gnats
Monitor noted water clear with suspended particles/strong wild onion odor/path to site very muddy/60%+ decomposing and alive algae and FGA covering stream bed
Monitor noted grass-ground damp/bullfrog/buffer area along streambank

Monitor noted scum-slime on surface/tadpoles/kids in water before dam
Monitor noted iron bacteria in water/scat on rock/gravel in water
Monitor noted possible quick passing rain-snow shower/large branch in stream, trace of ice in water/squirrel-deer tracks
Monitor noted unable to see river bed/heavy silt, sand and sediment loading/lots of natural debris/snow and slush on banks

Monitor noted possible passing rain showers in last 24 hours/deer tracks
Monitor note intermittent rain-heavy rain-rain in last 48 hours-ground is saturated-standing water-puddles/color of water is slight yellowish-brown stain with suspended particles/some large logs in stream/lots of natural debris on banks by stream/moth
Monitor noted suspended particles/heavy silt-sand-sediment loading/lots of natural debris in water/musty odor/deer tracks/squirrel/butterfly
Monitor noted very sweet smell-fragrance/scared a fawn nestled in tall brush
Monitor noted minute brown stain/suspended particles/very heavy silt-sediment-sand loading/musty-swampy-earthy smell/cicadas/butterflies/aquatic vegetation with white foam

Monitor noted possible rain showers in area during the last 48 hours/water has suspended particles
Monitor noted water has minute discoloration and fogginess
Monitor noted kingfisher/large spider in water/tadpole
Monitor noted water clear to very slightly turbid with suspended particles/lots of leaves in water/pervasive aquatic vegetation, green and brown algae/gnats
Monitor noted water clear with suspended particles/decomposing FGA/scat on banks/70% of streambed composed of alive and decomposing algae and aquatic vegetation

Monitor noted for precipitation within the 48 hours at site location-probably not last 48 hrs./water color clear with suspended particles/heavy silt and sediment loading/grass-ground damp/buffer area along streambank
Monitor noted deer tracks/woodpecker/tree down just downstream of site/debris piling up against tree causing creek to pool/buffer area left along creek
Monitor noted suspended particles for color of water/downstream of site log blockage/orange bacteria
Monitor noted rabbit and deer
Monitor noted iron bacteria in water
Monitor noted possible passing light rain-snow shower in last 48 hours/ice and snow trace in water/trace ice and snow on banks/fallen tree across creek is gone

Monitor noted possible passing rain shower in past 24 hours/animal tracks
Monitor noted intermittent rain-heavy rain-rain in last 48 hours-ground is saturated-standing water/water level is starting to creep over banks/color of water is yellowish-brown stain with minute debris/lots of natural debris in stream/moss on rocks in stream/water has a musty odor/some large logs in stream/air has a musty-manure odor
Monitor noted suspended particles/streambed very slippery-slimy/moss on rocks/musty smell
Monitor noted turkey vultures/hawk/riparian area along bank grown up
Monitor noted rocks in water are very slimy/mowing grounds/butterflies
Monitor noted water has minute suspended particles

Monitor noted water clear with suspended particles/heavy silt-sand-sediment loading/butterflies
Monitor noted water clear with suspended particles/can see where aquatic vegetation and algae was pervasive/deer's/egg mass in creek
Monitor noted water is clear with suspended particles/decomposing FGA/skunk odor/murder of crows flying above
Monitor noted duckweed/dead crayfish/cicadas/water color clear with suspended particles
Monitor noted big crayfish/remains of crayfish
Monitor noted deer tracks/freshwater clams

Monitor noted hawk on walking path/adult and boy playing in and around site
Monitor noted dead frog in water at site
Monitor noted wider creek flow-wider width of flow/color of water slightly turbid-muddy/snow on banks/people walking and dogs on walking path/unable to see river bed
Monitor noted possible quick passing rain-snow shower/color of water is clear with minute trace/trace ice/ice on banks-small amount/deer tracks/birds in the stream/squirrel/bird droppings in the stream/guy and dog with dog playing in stream downstream of collection site
Monitor noted possible rain showers in past 24 hours/colored sheen-oil-along bank/heron caught a fish/insects
Field duplicate - 2nd grab water sample collected while in the field/Monitor noted possible rain showers in past 24 hours/colored sheen-oil-along bank/heron caught a fish/insects

Monitor noted intermittent rain-rain-heavy rain in last 48 hours-standing water-puddles/color of water is minute yellowish-brown staining with suspended particles/Canadian geese flying over/Great Blue Heron/butterflies/squirrel/bicyclist and walkers on path
Monitor noted minute suspended particles/lot of garbage-litter in water/lots of natural debris in water/murky looking water/fishy-decay odor/lot of small fish-minnows/debris and litter at culvert/walkers and bikes on path
Monitor noted heavy silt-sand-sediment loading/evidence of continuing erosion/remains of crayfish
Monitor noted minute suspended particles/heavy silt-sediment-sand loading/green plant-aquatic material in water on surface/raccoon tracks/cicadas/lot of trash by culvert/water is very turbid/unable to see creek bed clearly
Monitor noted water has suspended particles/minute algae in water/small man made dam
Monitor noted yellowish-brown tint to water/heavy silt-sand-sediment loading/decomp odor near bridge/squirrel/butterflies

Monitor noted fish-minnows in small pooled area near creek
Monitor noted water clear with suspended particles/heavy leaf cover in stream/able to see where aquatic vegetation and algae cover was pervasive/clearing for power lines-telephone poles/squirrel/kid playing in water
Monitor noted water clear with suspended particles/bank of creek around site has channeled since first visit
Monitor noted stream H2O level too low to completely submerge sample bottles into water for sample collection/precipitation within the last 48 hours at site location as probably not-clouding up while at site/color of water is clear with minute staining/heavy silt and sediment loading/brown foam at culvert/raw sewage and decomposing carcass odor/possible tadpoles/stream flow restricted at culvert under East Loudoun Street (Rt 7) caused by tree limbs-debris and brush pushed-fallen over into the stream
Monitor noted stream pooling because culvert is blocked by debris/chlorine odor/sweet smell

Monitor noted higher flow than previous visits/heavy sand loading/construction debris along bank/feathers
Monitor noted septic odor/feathers
Monitor noted heavy silt-sediment-sand loading/vultures/logjam and leaves in front of culvert building up restricting flow

Monitor noted heavy loading of sand and silt/bird waste/overwhelming smell from bird waste/areas of bird waste looks like lite dusting of snow
Monitor noted possible quick passing rain-snow showers/heavy silt, sand and sediment/installed side walk/storm drain has moved closer to site
Monitor noted some ice along edges/suspended particles/lots of brown-decaying algae/heavy silt, sand and sediment loading/snow on banks/VDOT has not cleared out bridge area/small pieces of ice floating by
Monitor noted possible passing rain showers past 24 hours/construction-sidewalks, storm meter

Monitor noted intermittent rain-rain-heavy rain in last 48 hours-sprinkles while at site-standing water-puddles/color of water slight brown stain with suspended particles/lots of natural debris in stream/lot of sand deposits in stream/bridge has debris and large logs-branches jammed at bottom-water is able to flow pass debris jam
Monitor noted trace suspended particles/tree down in creek/moss on rocks/lots of small fish-minnows/tree and debris blocking culvert/runoff into creek from culvert to the left/men working on road upstream of site
Monitor noted water slightly turbid-muddy-brown stain/heavy silt-sand-sediment loading/debris jam at the culvert/tree down/water in retention pond upstream of site
Monitor noted suspended particles/heavy silt-sediment-sand loading/tree fallen across stream/sewage smell/butterflies/cicadas/gnats/log jam blocking culvert/lots of healthy green foliage/no vultures sighted

Monitor noted suspended particles/bird droppings and feathers in water/log jam at culvert/smell the vulture/vulture sitting in stream just downstream of site, stayed the whole time while sampling
Monitor noted water slightly turbid-muddy/heavy silt-sand-sediment loading/construction on sidewalk and stone wall construction around bridge/feathers on banks and in tributary/logs and other natural debris jammed up a bridge
Monitor noted log jam at bridge-culvert/lots of leaves in water/heavy silt-sand-sediment loading/no signs of vultures here such as feathers or droppings/kingfisher/construction around site/bridge work/birds most likely due to construction activity have moved else where/lady walking dog
Monitor noted water clear with suspended particles/film-scum on top of H2O/thick layer of leaves in stream/odor of vulture droppings/feathers on banks/few bird droppings seen

Duplicate H2O sample collected in field. Monitor noted water slightly turbid-muddy with suspended particles/leaves completely covering stream bed/heavy silt-sand-sediment loading/construction on bridge completed/water is backing up at bridge due to natural debris/some bird droppings on banks
Monitor noted water slightly turbid-muddy with suspended particles/leaves completely covering stream bed/heavy silt-sand-sediment loading/construction on bridge completed/water is backing up at bridge due to natural debris/some bird droppings on banks
Monitor noted slow flow/heavy silt and sediment loading/scat on stream bank downstream of collection site

Monitor noted possible quick passing rain-snow shower/water clear with suspended particles
Monitor noted possible rain showers past 24 hours/suspended particles/families playing at park
Monitor noted drizzle-mist- intermittent rain-rain-heavy rain in last 48 hours-puddles/hawk/deer tracks
Monitor noted grass clippings in water/dog waste on bank

Monitor noted grass clippings in water
Monitor noted possible quick passing rain-snow shower/water clear with suspended
Monitor noted possible rain showers past 24 hours/log debris jam downstream/flock of robins
Monitor noted drizzle-mist- intermittent rain-rain-heavy rain in last 48 hours-puddles/heavy sand loading in stream/water is in retention pond/lots of flies/color of water has slight brown stain/water from retention pond flowing into creek
Monitor noted heavy silt-sand-sediment loading/log jam/board in stream/butterfly

Monitor noted water clear with minute turbid-muddy-brown stain
Monitor noted ice on banks/ Previous Site ID LWCBO1
Monitor noted deer tracks/skunk odor
Monitor noted flurries while at site/color of water clear with minute tint and particles
Monitor noted ice on some sections of water surface/ice on banks/color of water clear with suspended particles/litter in creek/decomp/moss/hawk/deer tracks/ Previous Site ID LWCBO3

Monitor noted deer tracks
Monitor noted snow flurries while at site/color of water has minute staining-tint/heavy loading/deer tracks
Monitor noted decomp/ horses to left, west, while looking in far field, drainage in closer field/ Previous site ID LWCSF
Monitor noted minute brown stain/brown and green aquatic vegetation/debris jam at culvert
Monitor noted snow flurries/color of water clear with minute tint and particles/log and debris jam at culvert
Monitor noted some ice on banks, logs/right stream bank has horses, cows and sheep (possibly) with in pasture fencing/ Previous Site ID LWCTH1
Monitor noted brown and green aquatic vegetation

Monitor noted snow flurries while at site/deer track
Monitor noted tributary is turbid-muddy/sample contains suspended solids/tributary has blue green algae and brown-decaying algae in water/deer tracks/odor of chlorine/ Previous Site ID LWCBO2
Monitor noted normal effluent discharge flow/steady flowing discharge/water color cloudy-stain with suspended particles
Monitor noted snow flurries while at site/normal flow from effluent/effluent study flowing/color of water from effluent clear with suspended particles/heavy loading of sewage solids covering stream bed and surface of rocks
Monitor noted color of water clear with suspended solids/frog/silt and sediment in water has red tint
Monitor noted ice along banks
Monitor noted kingfisher on rocks
Monitor noted critters are quiet this morning
Monitor noted light flurries
Monitor noted logs and branches-flood debris
Monitor noted bridge construction above dam/fishermen/turtles

Monitor noted site was flooded over weekend/still high but back in banks

Monitor noted lots of silt/grass clippings in water/debris in water/natural flood debris on banks and in stream/lots of man made litter on banks/sewage smell/lots of butterflies-mostly yellow and black in color
Monitor noted drizzle-mist while at site/severe measurable storms in last 72 hours/some debris and silt/lots of silt/floating debris and sticks/strong unpleasant odor/butterflies/dead carp on bank/people launching kayaks
Monitor noted rain in past 48 hours/suspended particles/debris and large branches in river/butterflies/man at boat landing

Monitor noted boat ramp is clogged with flood debris therefore sample was collected slightly upstream/localized spotty showers in last 48 hours/debris in river/natural flood debris on banks, boat ramp and river/butterflies
Monitor noted lots of debris/natural flood debris in water/twigs and branches covering boat landing/butterflies
Monitor noted rain showers in last 48 hours/river is higher than last week/water slightly turbid-muddy/natural flood debris on banks and in river/lots of silt, sand and mud deposited on banks and parking area/butterflies/boat landing covered with debris and silt
Monitor noted rain while at site and in the last 24 hours/suspended particles/lots of silt/sediment/flood debris in water/debris on boat landing remain/run off from parking lot into river
Monitor noted rain in last 24 hours/water is slightly turbid-muddy/small amount of suspended particles/grass clippings in water/flood debris in water/odor from dead frog/boat ramp is covered in trash and flood debris/lots of silt and sediment loading on banks/very gross site with lots of trash and debris
Monitor noted lots of small debris in water, along shore and boat ramp/odor of decay-rotting flesh/lots of debris remain on boat ramp/butterflies/lots of people tubing and kayaking/Shenandoah River Canoe tubers coming in/interest of project by group of kayakers
Monitor noted sediment/boat ramp has less debris than last time/butterflies
Monitor noted geese upstream/butterflies
Monitor noted butterflies/flood debris/boat ramp is mostly clear now with debris at end of water line at ramp
Monitor noted water level rising/suspended particles/grass clippings in water/grass in parking area and banks mowed
Monitor noted water is slightly cloudy/flood debris in water/white foam near bank/boat ramp covered with flood debris/very recent flooding/butterflies/can hear cows on opposite bank
Monitor noted water flowing steady to rushing/water is slimy/suspended particles/debris in water/livestock in water downstream of site on river right/flood debris on boat ramp/cows downstream/butterflies
Monitor noted steady rain today/water is minute turbid-muddy/sediment/debris in water/boat ramp is covered with debris/butterflies/tubers being dropped off at site

Monitor noted sediment/small flood debris in water/fishy odors/lots of debris on boat ramp/whirligig beetles/snails/water is murky with a film on top
Monitor noted water is minutely turbid-muddy/suspended particles/suspended silt moving down river/small debris in water/whirligig beetles/butterflies/boat ramp is covered with flood debris and garbage
Monitor noted very lite drizzle while at site/flood debris in water/lots of silt and sediment/sandy silt/boat ramp covered with flood debris/aquatic insects/flood waters have begun to recede/new flood debris and trash in trees along banks/parking area has sandy silt deposits
Monitor noted Site flooded, sand, sediment, flood debris, lots of sand/silt/sediment deposited on banks and parking area, boat ramp covered with debris/lots of new erosion
Monitor noted dirt pushed to right of ramp
Monitor noted mowing in parking area and bank leaving a small butter area
Monitor noted sand, silt and sediment deposited on banks/man with a dog at boat ramp
Monitor noted VDOT has field in parking area and cleared boat ramp of debris, pushed debris to side of boat ramp
Monitor noted large mound of dirt beside of boat ramp
Monitor noted clumps of dislodged algae floating by
Monitor noted very intense bio solids smell
Monitor noted algae floating/dead catfish/fisherman
Monitor noted floating clumps of algae
Monitor noted passing rain storm with heavy rain/currently drizzle-mist/group of people getting ready to launch kayaks at site

Monitor noted thunderstorms, evidence of rain within the last 24 hours/mound of dirt has been pushed into parking area near river/area by boat ramp has been widened on the side-mound of dirt and debris pushed up to river edge/lots of sand in the parking a
Monitor noted mound of pushed up dirt remains beside boat ramp on bank
Monitor noted FGA
Monitor noted kayakers getting ready to put in/mound of dirt remains on bank near boat ramp/large pile of debris on bank and into water at right of boat ramp
Monitor noted color of water slightly turbid-muddy/silt, mud and sediment/lots of natural debris in water/decaying large bird-fowl on boat ramp/large flock of baby geese or ducks swimming in the river
Monitor noted passing sprinkles/brown foam in water/foam along bank/boat ramp completely covered in natural debris-lots of sticks and garbage/lots of snails/just mowed area
Monitor noted heavy rain upstream-southern valley/water is slightly turbid-muddy/musty fire odor/flies and mosquitoes
Monitor noted water color is slightly turbid-muddy/decaying fish carcass smell/dead crayfish/hatching has occurred/a lot of gnats/mosquitoes/snails
Monitor noted heavy rain on Friday June 5/snails/boat ramp area still a mess/people taking out
Monitor noted decay odor/snails
Monitor noted snails/raccoon tracks

Monitor noted water is slightly turbid-muddy/brown foam by boat ramp
Monitor noted salt water type odor/lots of snails/wild guide service dropping off canoers/kids and adults getting ready to go tubbing
Monitor noted snails
No evidence of rain at site in the past 48 hours/snails/group going kayaking
Monitor noted couple of puddles-standing water in parking area/grass clippings in water/snails/unable to clearly see river bed/cicadas/family getting ready to go on float trip in kayaks
Monitor noted unable to see river bed-only slightly along bank/raccoon-opossum tracks/fish carcass on boat ramp/cicadas/unpleasant smell
Monitor noted don't know if there has been precipitation at site in last 48 hours-grass is wet/grass clippings in river/unpleasant decay-manure odor/cicadas/lots of grass clippings and natural debris on boat ramp and in river/unable to see river bed
Monitor noted standing water in parking area/slight brown stain/lots of garbage in water/green algae possible FGA/lots of man made littler on banks/cicadas/large log and debris on boat landing and in river/unable to see riverbed/unpleasant smell
Monitor noted parking area is damp and has several large puddles/heavy silt and sediment loading/very tiny surface aquatic insects/cicadas/lots of debris and litter on boat ramp and in river/unable to see river bed
Monitor noted heavy silt and sediment loading/sand/lots of grass clippings/logs floating by/snails/debris pushed off in parking lot down to the edge of launch and into river
Monitor noted drizzle while at site/water moving swiftly/foul smell at site/scat in parking area/lots of snails
Monitor noted water is murky/manure odor/snails/people fishing off boat ramp/gnats
Monitor noted snails/H2O murky-unable to see riverbed clearly/standing H2O puddles in parking area
Monitor noted grass clippings in water/natural debris at boat ramp/no cicadas

Monitor noted foul odor/filamentous green algae (FGA)
Monitor noted clumps of algae floating by/filamentous green algae (FGA)
Monitor noted water level low to very low/filamentous green algae (FGA)
Monitor noted water level low to very low/heavy silt and sediment loading
Monitor noted water level low
Monitor noted water level low
Monitor noted heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)
Monitor noted water cloudy with precipitate/lot of natural debris/duck weed/grass clippings in water/lot of natural debris on ramp/unable to see river bed
Monitor noted no H2O temperature reading/water level higher than last time/water is turbid and stained/unable to see riverbed/foul odor of decay-carcass/lot of small flying aquatic insects-possible a hatch/snail/snake/lot of natural debris on ramp
Monitor noted no standing puddles in parking area is however wet/unable to see riverbed

Monitor noted slight brown staining/rain while at site/starting to see a few snails
Monitor noted film on top of water/some snails/lot of natural debris on ram
Monitor noted water clear with suspended particles/snails/several cars in parking area/canoe getting ready to launch/people on boat launch/natural debris on boat ramp
Monitor noted light rain while at site/suspended particles/foul odor
Monitor noted snails
Monitor noted suspended particles/heavy white foam/dead crayfish/snails
Monitor noted rain showers in area during past 48 hours/water is clear with suspended particles/duck weed in water/lots of man made litter on banks/few snails-much fewer than years past/group of tubers putting in/canoe-kayak launching
Monitor noted puddle in parking area/not as many snails as previous years/people putting in at boat ramp/dog playing in the river/cicadas/duck weed in water/grass clippings in water
Monitor noted water level is higher than last week/water is slightly turbid/grass clippings in water/few snails-not nearly as many as in years past
Monitor noted sprinkled when driving to site for less than 15 seconds/water is slightly turbid/grass clippings in water/person fishing downstream from site
Monitor noted color of water clear with silt/grass clippings in water/dead turtle-odor/snails
Monitor noted duckweed in water/egrets/snails/person floating-swimming by
Monitor noted light rain while at site/odor of decay/cicadas

Monitor noted lots of silt/natural flood debris on banks and in stream/butterflies/egret
Monitor noted lots of silt/grass in river/natural flood debris in water
Monitor noted severe measurable storms in last 72 hours/relatively clear with particles and silt/lots of silt/floating debris/natural flood debris in water/group coming back from kayaking
Monitor noted rain in past 48 hours/water is slightly turbid-muddy/suspended particles/debris in river/people down by river
Monitor noted localized spotty showers in last 48 hours/water is slightly turbid-muddy/debris in river/grass clippings in river/butterflies/people by the river
Monitor noted some floating particles/lots of silt/debris and silt flowing by/natural flood debris in water/two-three inches of mud deposited on boat landing and banks/insects hatching/butterflies/foot traffic-human and wildlife/water at 3 1/2" mark on bridge
Monitor noted rain in last 48 hours/river is higher than last week/water is slightly turbid-muddy/minute suspended solids/debris in river/gravel build up in river/natural flood debris on banks and in river/lots of mud and silt deposited on boat landing/lot of bank erosion/people fishing at boat landing/water level at the four foot mark on bridge
Monitor noted drizzle at site while sampling/rain in last 24 hours/water is much clearer/flood debris in water/skunky odor/silt and mud on boat landing/run off from bridge into river/people returning from boat trip informed us they caught over 150 fish from white house to kites store area

Monitor noted rain in the last 24 hours/suspended particles/silt and sediment deposited on boat ramp and banks/pigeons
Monitor noted some large flood debris still in river/water grass/skunk odor/still lots of silt and sediment deposit on boat ramp/lots of people at site/talked to two gentlemen about FOSR and E. coli project
Monitor noted flood debris in water/large flood debris by bridge/small amount of filamentous algae/skunk odor/some large branches stuck on bank and bridge/snails/feathers
Monitor noted flood debris in water/filamentous green algae/skunky odor/sediment and rocks remain on boat ramp/pigeons/snails in water
Monitor noted turtles on log/flood debris
Monitor noted water level is rising/run off from bridge into river/dog at site
Monitor noted suspended particles-few/small debris in water/evidence of recent flooding/sediment and silt on boat ramp/animal tracks/water level at 3' mark on bridge
Monitor noted debris in water/some silt and sediment on boat ramp/water to the three foot mark on bridge
Monitor noted steady rain today/water has a minute tint/debris in water/parking area at ramp washed away/gravel washed into the river/pigeons/whirligig beetles/water is at three foot mark on bridge
Monitor noted water is murky somewhat clear
Monitor noted some large branches in water/sand/ramp has washed out into river/whirligig beetles/people floating in river/film on top of water

Monitor noted water is minutely turbid-muddy/suspended particles/lots of silt and sediment/lots of debris in water/whirligig beetles/water is under two foot mark on bridge
Monitor noted water is murky
Monitor noted lite drizzle at site currently/suspended particles/flood debris in water/whirligig beetles/river is just below the four foot mark on bridge/silt and sediment deposits on access ramp/sediment on leaves by banks
Monitor noted Site flooded, H2O level at 6" mark on bridge pillar, evidence that water level was recently up over ramp and banks, over 4" of mud covering boat ramp and banks/gravel from access ramp has washed into river/whirligig beetles/small animal tracks/butterflies
Monitor noted color of water is opaque/helicopter cutting trees for power company
Monitor noted mud and gravel from ramp washing into river/power line work along banks-stabilization lines
Monitor noted DGIF survey men at site
Monitor noted evidence of water recently being out of banks/water at about the 3' mark on bridge/silt and sand deposits on access ramp
Monitor noted mud, silt and sediment deposits on banks/two men fishing at site caught a cat fish and perch that looked healthy

Monitor noted two kayakers leaving as we arrived/able to see streambed
Monitor noted man with a canoe came out of river as we arrived who had floated from Newport
Monitor noted VDOT mowed and trimmed banks
Monitor noted color of water as opaque
Monitor noted can see bottom of bridge pillar/tubers upstream
Monitor noted person with pick up on boat landing withdrawing H2O from river/people swimming and playing in water/dogs in water
Monitor noted currently sprinkling at site/people kayaking and fishing upstream and people fishing from bank
Monitor noted boat leaving site as we arrived/clumps of algae floating by
Monitor noted localized rain storm/runoff from bridge upstream and downstream of site/clumps of FGA floating downstream
Monitor noted bottom of bridge pillar is visible/FGA
Monitor noted thunderstorms, evidence of rain within the last 24 hours/can see river bottom of bridge support
Monitor noted about 10% FGA coverage/tubers downstream/thick mud along shore
Monitor noted clumps and pieces of algae floating by
Monitor noted FGA covering substantial amount of river/clumps of floating algae/new trench cut at left of boat landing at edge by river/kayakers upstream

Monitor noted FGA that is bright green in color/clumps of algae floating by
Monitor noted a small amount of FGA present
Monitor noted significant lack of insects this year
Monitor noted working on bridge, trees and brush out on banks
Monitor noted bridge work-major renovation
Monitor noted preparation for demo of bridge over boat ramp/collection site will need to be relocated on the west bank of the south fork/current boat ramp will be closed for next 18 months/new temporary boat ramp on west bank will be open mid June/the USGS-DEQ monitored site is also being temporally relocated
Monitor noted bridge construction
Monitor noted bridge construction downstream-removing cause way-building new cause way

South Fork @ Salem/White House Public Boat Landing, boat ramp moved back to east side, river right, upstream of both east and west bound bridges. Monitor noted water is minutely brown stain-greenish/heavy silt-sediment-sand loading/new public boat landing open on East side of the river-just upstream of East and West bound bridges
Monitor noted rain showers in area during past 48 hours/water clear with suspended particles/heavy silt-sand-sediment loading/lots of fish-minnows/fishing boat in river is coming in/canoe upstream/paddlers/spoke with fisherman
Monitor noted heavy silt-sand-sediment loading/large logs in water/film on to of water surface/grass clippings in water/clumps of algae in water/cicadas/tubers and kayakers upstream, Virginia Department of Environmental Quality-DEQ staff at site taking River height and flow measurements
Monitor noted water level higher than last week/water is slightly turbid-muddy/lots of fishing line in water/gravel from parking area has been washed into the river
Monitor noted water clear with suspended particles
Monitor noted water clear with silt/gravel from parking area being washed into river
Monitor noted water is clear with suspended particles/person in a canoe came into landing
Monitor noted light drizzle while at site/water is clear with suspended particles/odor of decay/pigeons/gravel has washed down boat ramp into river
Monitor noted demo of bridge

Monitor noted silt and sediment loading/bridge demolition/a lot of bank disturbance from construction activity
Monitor noted bridge construction-ongoing
Monitor noted few bubbles/heavy silt and sediment loading/sand/lots of litter on banks at new site/ongoing bridge construction/couple fishing and taking pictures
Monitor noted no puddles at site/sections of bridge have been taken down
Monitor noted no evidence of rain at site in past 48 hours/filamentous green algae-FGA/bridge demolition/parking area full/kayaking group/kids playing in river
Monitor noted unable to see river bed/cicadas
Monitor noted swift moving water/only able to see small amount of river bed along bank/cicadas

Monitor noted bridge work
Monitor noted don't know if there has been precipitation at site in last 48 hours-grass is wet/bridge construction continues/large log still causing obstruction in river/unable to see river bed
Monitor noted heavy silt and sediment loading/ongoing bridge construction/cicadas/unable to see riverbed/large tree still causing river obstruction
Monitor noted standing puddles in parking area/heavy silt and sediment loading/ongoing bridge construction/cicadas/toad/ unable to see river bed/large tree remains in river-other debris are now piling on top
Monitor noted water is swiftly moving/heavy silt and sediment loading/sand/fumes from construction vehicles/continuation of bridge work/lots of new erosion/a lot of dragonflies at site/cicadas/pigeons/tree down by boat launch
Monitor noted drizzle-mist while at site/heavy silt and sediment loading/sand/ongoing bridge construction/evidence of campfire on boat launch/man kayaking/fisherman-kayaker upstream
Monitor noted color of water as opaque

Monitor noted manure odor/guys fishing off bank upstream
Monitor noted water moving swiftly
Monitor noted working on 211 bridge
Monitor noted color of water opaque/continued bridge construction/seeded bank/pumping water/bracing of rock
Monitor noted bridge construction

Monitor noted pumping of water/setting girders
Monitor noted bridge replacement/water color clear
Monitor noted White House Bridge replacement project ongoing/small mouth and blue gill fry
Monitor noted bridge work
Monitor noted Thursday morning sprinkles
Monitor noted drizzle while at site/heavy silt-sand-sediment loading/ongoing bridge construction/water slightly turbid-muddy

Monitor noted no H2O temperature reading/water level higher than last time/heavy silt-sand-sediment loading/continued bridge construction/snake/evidence of fire pit on ramp
Monitor noted unable to see riverbed/ongoing bridge construction
Monitor noted heavy silt-sand-sediment loading/ongoing new bridge construction west bound/east bound old bridge closed
Monitor noted suspended particles/heavy silt-sand-sediment loading/bridge construction in parking-ramp area
Monitor noted water somewhat turbid-muddy with suspended particles/heavy sediment loading/barely able to see riverbed/ongoing bridge construction work
Monitor noted drizzle while at site/suspended particles/heavy silt-sand-sediment loading/bridge construction continues

Monitor noted East bound bridge is now open/sediment on bridge/construction machinery scooping river bed-dredging the bottom of river bed
Monitor noted bubbles
Monitor noted could not wade out as far due to high water
Monitor noted could not wade out as far due to high water/bubbles
Monitor noted bubbles
Monitor noted could not wade out as far-high water/bubbles
Monitor noted bubbles
Monitor noted could not wade out as far due to high water/bubbles
Monitor noted bubbles
Monitor noted could not wade out as far-high water/bubbles
Monitor noted could not wade out as far/bubbles
Monitor noted could not wade out as far/bubbles
Monitor noted could not wade out as far due to high water/eddy water/color of water brown/blue heron

Monitor noted could not wade out as far due to high water
Monitor noted could not wade out as far
Monitor noted could not wade out as far
Monitor noted could not wade out as far-high water
Monitor noted did not wade out as far-high water
Monitor noted could not wade out as far-high water/swimming aquatic insects
Monitor noted could not wade out as far-high water
Monitor noted bubbles
Monitor noted could not wade out as far-water level normal to high/bubbles

Monitor noted high water debris/floating grasses on shore
Monitor noted no H2O or air temperatures
Monitor noted could not wade out as far-high water
Monitor noted swallows
Monitor noted thunder storms in the area during last 48 hours
Monitor noted new home construction site work downstream of sample site
Monitor noted could not wade out as far-high water/eddy water

Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted flurries
Monitor noted snow melt

Monitor noted bubbles
Monitor noted heavy showers within the last 48 hours at site
Monitor noted color of water opaque
Monitor noted blue heron
Monitor noted bubbles

Monitor noted water over roadway
Monitor noted bubbles
Monitor noted odd no little insects all year
Monitor noted culverts stopped up over flowing bridge

Monitor noted flood debris on banks
Monitor noted slough now draining across bridge into stream
Monitor noted Thursday morning sprinkles

Monitor noted fishermen
Monitor noted bubbles
Monitor noted flurries
Monitor noted snow melt/fishermen

Monitor noted heavy showers in the past 48 hours at site

Monitor noted sample collected by lowering bucket from bridge

Monitor noted great blue heron flying over plant

Monitor noted turkey buzzard

Monitor noted Thursday morning sprinkles
Monitor noted septic odor
Monitor noted color of water opaque/water last couple of times seems dirty than normal
Monitor noted small grease balls
Monitor noted small grease balls/grease balls in effluent are 1/8" or smaller
Monitor noted very small grease balls in effluent
Foul odor/floating white particles in sample/Monitor noted water slightly cloudy with small grease balls
Monitor noted small white grease balls
Monitor noted a few small grease balls
Monitor noted very high flows indicate infiltration and flows to high for capacity of the clarifiers
Monitor noted only a few small grease flecks

Monitor noted just a few small grease balls
Monitor noted water slightly turbid with small grease balls
Monitor noted effluent flow was more than discharge pipe could easily handle and water level was approaching the top of UV disinfection channel
Monitor noted water overflowing UV disinfection channel
Monitor noted water has slight brown tint with grease balls
Monitor noted water clear with small grease flecks
Monitor noted small flecks of grease in water
Monitor noted just a few small flecks of grease
Monitor noted small grease balls in water
Monitor noted small grease balls that are approximately 1/8" to 1/4" in size
Monitor noted only a few small grease flecks
Monitor noted some small grease balls
Monitor noted very small flecks of grease in water
Monitor noted small fecks of grease in effluent
Monitor noted mosquitos
Monitor noted color of water as clear with small grease balls
Monitor noted small grease chunks in water
Monitor noted only a few grease balls
Monitor noted only a few small grease balls
Monitor noted very clear looking water
Monitor noted a few grease balls in water
Monitor noted the color of water as having a few small grease balls
Monitor noted few tiny grease balls
Monitor noted a few small grease balls
Monitor noted small grease balls
Monitor noted only a few small grease balls

Monitor noted small white grease balls
Monitor noted water color as mostly clear with small grease balls and algae bits
Monitor noted a few grease balls
Monitor noted small grease balls
Monitor noted very few small grease balls
Monitor noted a few grease balls
Monitor noted a few small grease balls and mosquitos/wasp defending nest in electric box near sampling point
Monitor noted mosquitos
Monitor noted only a few small grease balls/lots of mosquito's
Monitor noted very light flurries
Monitor noted truck-four wheeler tracks on banks-have been thru creek
Monitor noted tire tracks/otter or muskrat was carrying a dead varmint in its mouth
Monitor noted site was flooded last weekend

Monitor noted great blue heron
Monitor noted water snails
Monitor noted water snails and mollusks
Monitor noted small mussels
Monitor noted water snails

Monitor noted water snails
Monitor noted water snails
Monitor noted water snails
Monitor noted small water snails in water
Monitor noted brook trout and water snails
Monitor noted water snails on bottom rocks
Monitor noted small mollusks on bottom rocks
Monitor noted canine foot prints and partially deer carcass on bank
Monitor noted cut brush on shore
Monitor noted VDOT cut down a 6' diameter tree next to bridge on left-branches and some of trunk on stream bank
Monitor noted water snails
Monitor noted spotted small fawn and water snails on rocks

Monitor noted black vultures on road kill
Monitor noted mussels on bottom rocks
Monitor noted small mussels on bottom rocks
Monitor noted VDOT mowing small trees and brush
Sample used to make matrix spike set
Monitor noted small mussels
Monitor noted small mussels on bottom rocks
Monitor noted small mussels and snails on bottom of rocks
Monitor noted small snails and mussels on rocks under water
Monitor noted small mussels on bottom rocks
Monitor noted small water snails or mussels on bottom of rocks

Monitor noted small trees growing on banks/small snails and mussels on bottom rocks
Monitor did not record H2O temperature on site evaluation form
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted flurries

Monitor noted snow melt

Monitor noted bubbles

Monitor noted heavy showers in the last 48 hours at site

Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles/stream bottom rearranged
Monitor noted sample site blocked by flood control construction-moved about 5 yards up for sample/cattle on bank about 100 yards up/need to plot new sample site
Monitor noted sample site obstructed by construction-moved upstream about 15'/bubbles
Monitor noted cattle in stream 100 +/- yards up
Monitor noted bubbles
Monitor noted bubbles
Monitor noted cattle in water 100 -/+ yards up
Monitor noted livestock in water 100 -/+ yards up
Monitor noted livestock in water and on banks 100 yards upstream

Monitor noted bubbles
Monitor noted Blue Heron
Monitor noted cattle in stream 100+/- yards upstream
Monitor noted no H2O or air temperatures
Monitor noted warbling's/goldfinches
Monitor noted livestock in water 100 yards +/- up stream
Monitor noted livestock in water and on banks 100 yards upstream
Monitor noted belted kingfisher

Monitor noted bubbles
Monitor noted bubbles/brush and tree trimming
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted bubbles
Monitor noted streambed changed by flood
Monitor noted bubbles
Monitor noted bubbles
Monitor noted deer carcass on bank 50 +/- yards downstream
Monitor noted pool construction downstream

Monitor noted bait box in stream at site
Monitor noted bubbles/vegetation trimmed at south bank
Monitor noted barking dog
Monitor noted no H2O or air temperatures
Sample used to make matrix spike set
Monitor noted first time noticed FGA-filamentous green algae
Monitor noted thunder storms in area during last 48 hours/ground disturbance on banks-immediate area surrounding site
Monitor noted clearing and grubbing
Monitor noted ROW maintenance

Monitor noted clearing and grubbing on opposite bank
Monitor noted right of way vegetation control/Shenandoah Valley Electric Cooperative-SVEC
Monitor noted red tail hawk
Monitor noted red tail hawk
Monitor noted water is murky

Monitor noted water has slightly brown tinge
Monitor noted color of water as opaque
Monitor noted color of water is opaque
Monitor noted significant lack of insects this year
Monitor noted color of water slightly brown
Monitor noted brown tinge of turbidity to water/other aquatic insects

Monitor noted water is opaque-murky
Monitor noted color of water murky-opaque
Monitor noted road drainage work
Monitor noted Turner sod farm roadside bank pond drainage

Monitor noted red tailed hawk
Monitor noted 5 bales in drainage area to prevent runoff-placed when Turnor Sod farm drained pond into public ditch
Monitor noted Thursday morning sprinkles
Monitor noted 18 dead fish on roadside/road culvert clogged-washed out from turner sod farm pond
Monitor noted edge ice, dead hog on bank 20' above water line
Monitor noted floating and edge ice
Monitor noted greenish somewhat turbid water-not muddy
Monitor noted two geese honking
Monitor noted water slightly turbid/very high water
Monitor noted heavy rain at times in past 48 hours-7/25"/slightly turbid
Monitor noted bubbles but no foam
Monitor noted very small amount of foam at edge of bank

Monitor noted very light snow >1" in last 48 hours
Monitor noted evidence of high water-mud on banks, leaves on brush
Monitor noted many snails on rocks
Monitor noted snails
Monitor noted 1/2" of rain on 10/10/2019/many snails on rocks
Monitor noted some snowmelt
Monitor noted 1/2" rain last 48 hours/snails/bubbles on flowing surface/no foam
Monitor noted snails
Monitor noted snails on rocks/bubbles/no foam
H2O sample became very frothy when shaken

Monitor noted cicadas
Monitor noted ducks/bubbles but no foam
Monitor noted a few bubbles/no foam/two geese-whiteish-not Canada Geese-yellow beaks
Monitor noted excavator parked on bank upstream/domestic goose
Monitor noted recent flooding
Monitor noted heavy rain on June 6 and 8/water is cloudy/no foam

Monitor noted edge ice
Monitor noted some edge ice
Monitor noted water slightly turbid/most prior log debris washed away/very high water/new flood debris in leaves caught in shrub branches
Monitor noted intermittently heavy rain in last 48 hours-7/25"/slightly turbid
Monitor noted early leaf fall
Monitor noted very light snow >1" in last 48 hours/Great Blue Heron
Monitor noted evidence of high water-new silt layer on bank
Monitor noted color of water is turbid-whitish but not muddy
Monitor noted blue heron
Monitor noted 1/2" of rain on 10/10/2019
Monitor noted some snowmelt

Monitor noted 1/2" rain in last 48 hours
Monitor noted 2 days of snow melt
Monitor noted cicadas

Monitor noted recent flooding
Monitor noted heavy rain on June 6 and 8/water is cloudy
Monitor noted natural flood debris in stream and on banks/snake in river at site/people recreating/butterflies
Monitor noted natural flood debris in river/butterflies/family walking on bridge
Monitor noted drizzle-mist while at site/severe measurable storms in last 72 hours/minute particles/floating debris/natural flood debris in water/VDOT man working on walking bridge

Monitor noted rain in past 48 hours/suspended particles/debris and some large branches in river/butterflies/evidence of flooding in parking lot/debris on low water bridge/many cars parked along roadside due to flooded low water bridge-foot bridge is used by local residents to cross
Monitor noted steady drizzle-mist while at site/water is slightly turbid-muddy/huge mound of flood debris in river/debris in river
Monitor noted lots of silt/debris/natural flood debris in water/snail
Monitor noted rain showers in last 48 hours/drizzle while at site/river is higher than last week/minute suspended particles/very minute tint/natural flood debris on banks and in river/grass mowed/sediment and silt deposited on banks
Monitor noted rain today and in the last 24 hours/large log under bridge/significant evidence of new erosion/heron/dead cray fish
Monitor noted light drizzle while at site/suspended particles/lots of silt/debris pushed back along bank/deer in field
Monitor noted suspended particles/sediment/small flood debris in water/water grass/odor of something decaying/people in the parking area
Monitor noted sediment build up/slight amount of green algae/lots of people utilizing boat ramp/kayakers and tubers/people inquired about how samples looked/family launching tubes to float
Monitor noted water level rising/sediment/run off from parking lot into river
Monitor noted suspended particles/slightly turbid-muddy water/turkeys in adjacent field/paw prints
Monitor noted water is turbid-muddy with slight tint/suspended particles/small debris in water/flood debris making wading difficult/butterflies/river beetles/mowing being done at site
Monitor noted steady rain overnight/suspended particles/sediment/debris in water/walnuts in water/small snails
Monitor noted rain showers in area in the last 24 hours/silt and sediment build up/butterflies/pileated woodpecker/whirligig beetles/slime on rocks
Monitor noted water is minutely turbid-muddy/suspended particles/minute amount of green algae/sediment/water is slimy with lots of suspended particles/VDOT sprayed grass and weeds along entire bank line/great blue heron/whirligig beetles/butterflies

Monitor noted suspended particles/lots of silt/flood debris in water/heron/whirligig beetles/river has begun receding
Monitor noted Heavy silt loading, floating debris/sediment, flood debris caught on bridge, evidence of water level was in parking area, could hear horses and cows on opposite side of river/butterflies/whirligig beetles/tire on banks
Monitor noted lots of sand, silt and sediment on banks/fishermen up and down stream of site
Monitor noted VDOT mowing/fields have been mowed
Monitor noted intermittent drizzle while at site
Monitor noted three people getting ready to go float
Monitor noted FGA/people kayaking, wading-submerged in H2O
Monitor noted people in water at site and upstream
Monitor noted does not appear that passing rain storms came through here
Monitor noted heavy rain within 72 hours with flash floods/FGA

Monitor noted thunderstorms, evidence of rain in last 24 hours/strong winds/FGA
Monitor noted FGA/eagle
Monitor noted FGA/since last week there has been a flush of the system
Monitor noted spoke with fisherman who has seen a lot of cows in the south fork of the Shenandoah River and has noticed the size of fish is down this year
Monitor noted FGA
Monitor noted less than 5% FGA coverage/iron color to water-silt
Monitor noted silt, mud and sediment/horses on banks/mildew-mold odor/one whirligig beetle/gnats/animal tracks possible a dog
Monitor noted passing rain showers-currently raining at site/silt, gravel and mud/manure odor/mud and silt on boat ramp
Monitor noted horses on banks
Monitor noted rain upstream-southern valley last week/slightly turbid-muddy/manure odor/two kayakers launched at site heading to Strasburg/family spending time at site
Monitor noted pebbles in water/musty odor/gnats
Monitor noted heavy rain on Friday June 5
Monitor noted silt and sediment heavy loading along bank/burning debris odor
Monitor noted kayakers getting ready to enter the water

Monitor noted evidence of rain in past 48 hours at site-large puddle in parking area/sand/tire and trash on banks/two ground hogs on the road to site/man walking in river downstream
Monitor noted new tree down in water surrounded by brown foam
Monitor noted probably no rain at site in past 48 hours-no standing water in parking area-dry/no puddle/people tubing, floating, group of guys relaxing in the river
Monitor noted no evidence of rain in past 48 hours at site/couple playing in the river with dog/teenage girls on bridge
Monitor noted filamentous green algae-FGA/lots of gnats/adults and young kids playing in river
Monitor noted families recreating in the river
Monitor noted larger puddle in parking area than there was last week/man made litter on banks-trash, tire and clothes/cicadas
Monitor noted large standing puddle in parking area/grass clippings in water/cicadas/adults and small kids playing in river/large trees down in river
Monitor noted slight brown stain/heavy silt and sediment loading/large puddle in parking area/unable to see river bed
Monitor noted large standing puddles in parking area/sand/heavy silt and sediment loading/several large logs in river
Monitor noted heavy silt and sediment loading/geese upstream
Monitor noted snails/person fly fishing downstream from site
Monitor noted large standing puddle/pool of H2O in parking area
Monitor noted drizzle while at site/lot of natural debris/heavy silt-sand-sediment loading/banks muddy/dead crayfish and damsel fly
Monitor noted water level higher than last time/suspended particles/heavy silt-sand-sediment loading/unable to see riverbed/water is turbid/decaying fish carcass/dead centipede
Monitor noted no standing puddles in parking area or at turnabout/water is slightly turbid-muddy with brown staining
Monitor noted water steady flowing-swift

Monitor noted suspended particles/dead crayfish/canoe and kayak putting in
Monitor noted water clear with suspended particles/heavy sand loading/musty smell/snails/lot of cars in the parking area today
Monitor noted showers in area/puddles/suspended particles/water is very clear
Monitor noted sweet odor/some mowing and weeding/kayakers putting in
Monitor noted suspended particles/clumps of algae floating by
Monitor noted rain showers in area during past 48 hours/water clear with suspended particles/clumps of algae floating by/cicadas
Monitor noted water clear with suspended particles/foul odor/cicadas/clumps of algae in river/ people walking on suspension bridge
Monitor noted water level higher than last week/heavy silt-sand-sediment loading/family playing in the river/did not observe algal mats as I did last week
Monitor noted boat ramp is wet/no puddles/water is clear with suspended particles
Monitor noted color of water clear with silt/most aquatic vegetation and algae observed so far this year at this site/algal mats
Monitor noted agal mats in water/young adults at site taking selfie pictures
Monitor noted rain while at site/agal mat in river/gravel-dirt has been newly laid at boat launch
Monitor noted aquatic snails/musty odor/lady down by waters edge
Monitor noted people down by waters edge
Monitor noted drizzle-mist while at site/ severe measurable storms in last 72 hours/floating debris/people down by river

Monitor noted rain in last 48 hours/water is very slightly turbid-muddy/lots of sediment particles/debris and large branches floating in river/lots of sediment/butterflies/raccoon tracks/adjacent fields are flooded
Monitor noted localized spotty showers in last 48 hours/able to see stream bottom/lots of silt/debris in river/natural flood debris on bank and in river/adjacent fields still flooded in spots/water level is normal to high
Monitor noted heavy sediment loading on bank/animal tracks/snails/evidence of foot traffic/standing water in surrounding fields/natural flood debris in water
Monitor noted heavy sediment loading on bank/animal tracks/snails/evidence of foot traffic/standing water in surrounding fields/natural flood debris in water
Monitor noted rain showers in last 48 hours/river higher than last week/water is steady flowing to rushing-choppy/lots of silt/debris in water/natural flood debris on banks and in river/musty odor/lots of evidence of new erosion/lots of sediment and mud deposited on banks/mud balls thrown at bridge/spraying on road side
Monitor noted rain today/thunder and drizzle at site and the last 24 hours/able to see river bottom/lots of human litter in river/flood debris in water/musty odor/lots of evidence of new erosion
Monitor noted rain in the last 24 hours/suspended particles/lots of silt/flood debris in water/lots of new erosion/landscape has been altered by sediment, silt and erosion/adjacent field are still flooded in areas/width of river has widened/people on bridge watching water
Monitor noted minute floating particles/lots of silt and sediment/some flood debris still in water/some flood debris are caught at bridge/musty odor/people in water/boys down by river saw some larger fish
Monitor noted tree still stuck by bridge/musty odor/people down by river/kids in water/kayaker up stream of site
Monitor noted flood debris in water/fishy and musty odor/tadpoles/group of tubers just downstream
Monitor noted flood debris/heavy rain while at site

Monitor noted water level rising/water is cloudy with suspended particles/small flood debris in water/musty odor/people on bridge inquired about FOSR E. coli study
Monitor noted flood debris in water/sediment/musty odor/lots of evidence of new erosion/standing water in spots in fields
Monitor noted flood debris in water/scat/butterflies/kayakers putting in at site
Monitor noted water is almost out of banks/water has a very minute tint/sediment/debris in water/large flood debris stuck on bridge/butterflies
Monitor noted some large branches in water/sediment/whirligig beetles/dead fish on bank/two people leaving as monitor arrived
Monitor noted butterflies/whirligig beetles
Monitor noted lite mist while at site/flooded out of banks in some areas/water is minutely turbid-muddy/suspended particles/flood debris in water/stock pile of manure in field across from parking area
Monitor noted Floating debris, sediment, tremendous amount of erosion, evidence of water level recently up along walk-way/man made litter on banks and in trees/lots of new bank erosion/animal tracks
Monitor noted standing water in adjacent fields
Monitor noted standing water in adjacent fields/fisherman in parking area getting ready to fish/man and dog by river
Monitor noted still some spots of standing water in adjacent fields/several people getting ready to launch kayaks

Monitor noted kids and adults playing in water/riverbed is slimy/tubers getting out downstream of site
Monitor noted spreading of manure in fields during rain/people fishing downstream/dog waste on bank/drizzle to steady rain while at site
Monitor noted construction on bridge upstream of site
Monitor noted FGA/two men with dog down by water, dog was standing in the river
Monitor noted three dogs in field/several people kayaking and canoeing
Monitor noted start of green algae with brown algae present/spoke to fisherman
Monitor noted person fishing
Monitor noted family playing in water
Monitor noted rain shower/heavy at times/standing H2O puddles in parking area/young lady and dog swimming in river downstream of site
Monitor noted FGA/two ladies sitting in water said there was heavy rain at site on Monday
Monitor noted very slight drizzle while at site/thunderstorms, evidence of rain in the past 24 hours/clumps of white foam/fish dam built/adults and kids playing in water, asked about E. coli study/man and women with two dogs going to site as we left

Monitor noted grandfather, son and grandson fishing
Monitor noted rock bed has an iron or copper color/rocks are covered with algae/dead fish partially eaten
Monitor noted manure smell in adjacent corn fields/spoke to three people about site and study that were camping in Luray
Monitor noted dog waste in riverbed
Monitor noted spreading manure in adjacent fields
Monitor noted iron color of silt/manure smell/sighting of ancient mud art under Meems Bottom bridge on cement caisson-artist unknown
Monitor noted passing rain showers-currently raining at site/water is choppy/manure odor/snails/family playing on bank and in stream
Monitor noted snails/gentleman birding-bird watching
Monitor noted rained upstream-southern valley last week/manure odor/stock pile of manure in field/parking area full group of people, extended family members, having a picnic/family-kids playing in river/lots of flies

Monitor noted natural debris in water-appears that people may have done this/musty-mildew-manure odor/orange filamentous looking stuff-pictures taken/moss growing on rocks
Monitor noted heavy rain on Friday June 5/silt and sediment has iron color/snails/kids playing in the river
Monitor noted manure-litter (poultry/chicken) odor/snails
Monitor noted orange color algae/manure-poultry litter odor/snails-fewer than previous/gentleman fishing
Monitor noted abandoned boat on shore
Monitor noted possible rain at site in past 48 hours-several damp areas/musty smell/lots of very tiny surface aquatic insects/snails/spraying of corn fields across road/man and two boys netting and playing in the water
Monitor noted white foam in water
Monitor noted rain at site in past 48 hours-wet-puddles/poultry litter odor/standing puddles/family-kids and adults playing in river
No evidence of rain at site in the past 48 hours/rock art/collection of bones on bridge
Monitor noted standing water-puddles in parking area/path to site wet/people have changed the flow of river by building/cicadas/family enjoying a picnic and fishing
Monitor noted swift moving water/manure odor/snails/kids playing in river

Monitor noted puddle of standing water in parking area/evidence of camp fires on shoreline/cicadas/snails
Monitor noted standing water-puddles in parking area/odd smell-unsure of cause/cicadas/woolly bully/crayfish/snails/kids and adults playing around and in the river/fish dam built/man caught a fish/spoke to couple about project and where to find data
Monitor noted parking area and path to site are damp/standing puddles in parking area/minute turbid water with minute brown stain/heavy silt and sediment loading/cicadas/unable to clearly see river bed
Monitor noted manure odor/cicadas/a few snails/stock pile of manure in adjacent field/large standing puddles/trash cans are over flowing
Monitor noted heavy silt and sediment loading/sweet smell/odor of manure and poultry litter/woodpecker/a few snails/people at covered bridge/lady walking two dogs
Monitor noted broken glass beer bottle/stink bugs/manure odor/snails/person fishing upstream/young girl cleaning up broken glass
Monitor noted few snails
Monitor noted large puddle in parking area/strange odor-unsure what it may be/dead cray fish/snails/two men walking on path at bank/no cicadas/rocks in water are very slippery

Monitor noted dog defecated in river downstream of sample site
Monitor noted two dogs in water playing/filamentous green algae (FGA)/water level very low
Monitor noted decay odor
Monitor noted water level very low
Monitor noted water level low-
Monitor noted water level low
H2O sample not collected-road to site closed
Monitor noted a trace amount of filamentous green algae (FGA)/heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)/no H2O temperature-thermometer broke/unable to wade out as far due to high-rushing water

Monitor noted snails
Monitor noted water clear with suspended particles/iron bacteria in water/musty odor/woodpecker/cicadas
Monitor noted heavy silt-sand-sediment loading
Monitor noted water clear with suspended particles/heavy silt-sand-sediment loading/woodpecker/lots of water striders

Monitor noted heavy silt-sand-sediment loading/bullfrogs/skunk odor
Monitor noted water clear with suspended particles/woodpecker/snails/cicadas
Monitor noted natural flood debris in stream and on banks/people in water
Monitor noted debris/natural flood debris in river
Monitor noted severe measurable storm in last 72 hours/very minute particles/golf ball in water/lots of silt/floating debris/natural flood debris in water/snake skin in water/man by river/drizzle-mist while at site
Monitor noted rain in past 48 hours/water is in the parking area/particles and suspended solids/debris and large branches in river/snakes/butterflies/gate to parking area is closed due to high water for public use/mud from flooding in the parking area
Monitor noted raining while at site/water is slightly turbid-muddy/suspended particles/mud from last weeks flooding in parking lot pushed to side of parking lot
Monitor noted tremendous amount of silt/debris/lots of new erosion/turtle
Monitor noted rain showers in last 48 hours/drizzle while at site/river is higher than last week/water is very slightly turbid-muddy/debris in water/sediment, silt and sand deposited on banks and parking lot/people in the river/parking area is back on
Monitor noted rain in the last 24 hours/water level has come down and water is clearer/debris and twigs in water/natural flood debris on banks and in river/strange odors coming from mud build up on banks/significant evidence of new erosion/snake/person on boat landing/several people-locals committed on how long river has stayed turbid and high
Monitor noted drizzle to rain while at site/suspended particles/lots of new erosion/lots of sediment loading on banks/sediment pushed up against banks from boat ramp/fish with lesion-living/lots of silt and sediment on banks and ramp

Monitor noted maintenance man said water level has risen since he came in earlier in the morning/water is slightly turbid-muddy/lots of suspended particles/small flood debris in water/sediment loading
Monitor noted water level is normal plus for time of year/sediment/snake/butterflies/people going tubing
Monitor noted some flood debris in water/family and dog in water and on banks playing
Monitor noted suspended particles/flood debris
Monitor noted water level rising/water level normal to high/water is slightly turbid-muddy/suspended particles/floating debris in water/able to see sediment running into stream from bank and parking area/very turbid from wash off on river right bank
Monitor noted evidence of flooding in parking area and boat landing/dead bird on bank just by water line/man fishing/people walking on path by river
Monitor noted steady rain for an hour last night according to kayaker/water has brown stain with a faint tint/suspended particles/small flood debris in water/sediment/silt and sediment on boat landing/people fishing and kayaking/several people walking on trail
Monitor noted steady rain overnight/water is slightly turbid-muddy/suspended particles/debris in water/sediment/people using the walking trail
Monitor noted steady rain overnight/water is slightly turbid-muddy/suspended particles/debris in water/sediment/people using the walking trail
Monitor noted scattered showers in last 24 hours/large branch in river/butterflies/people walking on trail
Monitor noted sediment/small debris in water/lots of suspended particles in water/dogs at site playing in river/butterflies/snails
Monitor noted river is almost out of banks/flood debris in water/small aquatic insects/river has started receding/people walking on trail/people in parking area flying drone
Monitor noted Floating debris/sediment, lots of silt/sediment loading on banks and boat landing, evidence of water level in the parking area, gravel has washed down into river/gentleman at site was interested about study
Monitor noted water is coming out like a water fall on other end of bank-have not seen this before/several people at site walking on near walking path/park employees working in field
Monitor noted silt and sediment deposits on landing with some graver washing into river/dog, kids and adults in water

Monitor noted woman and child in water/two kayakers/park mowing bank and fields
Monitor noted clumps of brown algae floating by/boat landing has gravel deposits from parking area
Monitor noted intermittent drizzle while at site/no runoff from bank on river right
Monitor noted woman with child in water
Monitor noted FGA/people having a cookout on bank next to river/kids in the river playing, snorkeling, tubbing/puppy in water
Monitor noted park is mowing/several adults and kids with dog in water/people tubbing upstream/two kayakers leaving
Monitor noted possible quick passing shower/does not appear to have rained, parking area is dry/clumps of FGA floating by downstream/people sitting in chairs on ramp/boy catching fish and benthic critters with net
Monitor noted heavy rain within 72 hours with flash floods/FGA/adults and kids playing in the water/gravel has washed down boat landing into river
Monitor noted thunderstorms, evidence of rain in last 24 hours/FGA/end of boat landing near parking area has washed out leaving deep grove/adults and kids playing in water/kids playing with FGA
Monitor noted FGA/blue green algae
Monitor noted FGA/people walking on blue-green way
Monitor noted FGA/several people walking and biking on path/two kayakers putting in

Monitor noted FGA/clumps of algae floating by/people on walking/paddler upstream/spoke to fisherman about E. coli and algae, said he has seen the most algae upstream where the sewage treatment plant is/bottom of river is covered in slime/dog waste on bank
Monitor noted FGA not as green as last week/county mowing soccer fields/mowing right up to riverbed/large clumps of FGA left on boat landing/people walking on path
Monitor noted FGA/people walking on trail/spoke to gentleman at site about E. coli project and algae
Monitor noted FGA
Monitor noted mud/mildew-mold odor/mud and sediment on lower portion of boat ramp
Monitor noted silt and gravel in water/mud and gravel on boat ramp/people walking trail and sitting in cars
Monitor noted water slippery from scum/manure odor/people walking trail
Monitor noted rain upstream-southern valley last week/slightly turbid-muddy/gnats/lots of people walking the trails, playing in the fields/recently mowed up to bank
Monitor noted fishing hook in water/possible wood duck/people walking the trail
Monitor noted heavy rain on Friday June 5/adults and kids playing and swimming in river
Monitor noted people walking along trail
Monitor noted fish jumping/spoke to man who floated down from deer rapids who saw an eagle/lady sitting by water/people on walking path/two kayakers coming in/tubers and swimmers in water upstream/clothes on bank and hanging on parking signs
Monitor noted silt and sediment loading/sewage odor/people walking trail
Monitor noted people playing in the water
Monitor noted brown foam by bank downstream/people exercising and enjoying the walking path and park-lots of people
Monitor noted a piece of filamentous green algae (FGA) floated past me from up river

Monitor noted no evidence of rain in last 48 hours at site-no puddles-very dry/public pool open/Strasburg installed more garbage cans
Monitor noted no evidence of rain in the past 48 hours at site/filamentous green algae-FGA/clumps of algae floating down river/lots of people at pool
Monitor noted filamentous green algae-FGA/day care group playing in river/cicadas
Monitor noted group-family recreating in river/dog poop on boat landing
Monitor noted small natural debris in water/heavy silt and sediment loading/grass clippings in water/dead crayfish/mowing in adjacent fields/kids fishing-mother asked about project-told about data and Facebook and website pages/met two members from the FN
Monitor noted heavy silt and sediment loading/dead fish in water/group of kids and adults playing in the river/another group of kids and adults playing in the river upstream/fish and explore group leaving/people walking on trail at the park
Monitor noted water has slight discoloration/heavy silt and sediment loading/cicadas/unable to see river bed
Monitor noted heavy silt and sediment loading/diaper on boat ramp
Monitor noted a few bubbles/heavy silt and sediment loading/two ladies walking dog/people walking on trail
Monitor noted little kids soccer practice/lots of people at park walking and playing on playground, basketball etc...
Monitor noted lots of people at the park/standing H2O puddles in parking area
Monitor noted heavy silt and sediment loading
Monitor noted snake eating a fish/several snakes in area/canoe coming in/log jam upstream/lot of people out at river
Monitor noted water clear with suspended particles/heavy silt-sand-sediment loading/grass clippings in river/workers weed eating on banks/rocks have washed down on boat ramp/two kayakers taking out/man standing by river
Monitor noted puddles in the parking area-rain on way/closed the pool-thunder/algal mats that were observed last week are gone

Monitor noted had to walk-wade around ice sheets in river to get to monitoring location/unseasonable warm 48 hours/rain within the last 12 hours/spoke with older gentleman that traps along the river
Monitor noted not sure if there was precipitation in the last 48 but probably not/ice along bank/clumps of frothy ice floating by
Monitor noted flurries/water level normal to low for this time of year/lots of silt
Monitor noted possible drizzle, light showers in last 48 hours/people launching canoes and coming back in/butterflies
Monitor noted intermittent rain, heavy rain and steady rain presently and in the last 8 hours/grass clippings/twigs/branches/litter
Monitor noted SAV-aquatic vegetation/branches in stream/natural flood debris on banks and in stream/butterflies/several people fishing/lots of human activity
Monitor noted grass clippings in river/grass in river/natural flood debris on banks and in stream/lots of fish-minnows/egret/man launching boat
Monitor noted drizzle-mist while at site/severe measurable storms in last 72 hours/water is slightly turbid/contains silt/floating debris/sediment/heron/person in car at site/parking area is washed out
Monitor noted rain in past 48 hours/water over pier and covering part of parking lot/water is slightly turbid-muddy/suspended sediments/flood debris in river/butterflies/people down by river side/part of parking lot is washed out
Monitor noted water is more turbid than previous sites visited today/small twigs and debris in river/skunky odor at site/two heron/egret/butterflies/people by waterside with dog/little boy throwing rocks into river
Monitor noted some floating particles/lots of sediment/lots of small debris and sticks/lots of sediment and silt in parking area/butterflies/part of parking lot washed out/road in has water still flowing over it/people at river
Monitor noted some floating particles/lots of sediment/lots of small debris and sticks/lots of sediment and silt in parking area/butterflies/part of parking lot washed out/road in has water still flowing over it/people at river
Monitor noted rain in the last 48 hours/river is higher than last week/suspended particles/log in water/debris in water/natural flood debris on banks and in river/part of parking area is still washed out

Monitor noted thunder storm while at site/rain in last 24 hours/able to see part of pier/debris in water/lots of run off from parking lot into river/lots of fish-minnows/Front Royal Canoe company at site
Monitor noted unable to record collection time on sample bottle label at time of sample collection because of heavy rain-noted time just before submerging bottle then recorded time on form/heavy rain, drizzle-mist and steady rain currently and within last 24 hours/parking area is washed out/water level is high-over pier
Monitor noted rain in last 24 hours/suspended particles/flood debris in water/small twigs and leaves in water/pier is submerged/heron/town has began to fill in where parking lot was washed out/people with dogs inquired about health of the water-they noticed fish with small lesion while fishing last year
Monitor noted filamentous green algae/SAV/small pieces of debris in water/pier is now visible/lots of people in water/dog in water/Front Royal Canoe company dropping off tubers/gentleman inquired about FOSR E. coli project who was from Buffalo New York/parking lot is still not fixed where washed out
Monitor noted approximately 20-25% brown decaying algae in water/gravel pile for parking area repair/butterflies/canoer being dropped off/people fishing
Monitor noted water level is normal to high/stale smell/slight sheen on water surface/butterflies/people fishing/canoes being picked up/kayakers/family having a picnic/lots of human activity
Monitor noted very light drizzle while at site/very slightly turbid-muddy/small suspended particles/small flood debris in water/butterflies/parking lot is filled back in where washed out/people fishing
Monitor noted small flood debris in water/butterflies/pier is visible
Monitor noted suspended particles/flood debris in water/pier is submerged/lots of fish-minnows/lots of skimmer beetles/butterflies/heron/wildlife tracks/pigeons/adults and kids fishing/fishermen caught a large cat fish
Monitor noted sediment/flood debris in water/pier is under water/dog prints/butterflies/people fishing and swimming on river left/tubers coming out at site
Monitor noted water is over pier/suspended particles/sediment/debris in water/filamentous green algae covering less than five percent/some of the parking lot has washed away/butterflies/whirligig beetles/little girl playing in the water/people fishing

Monitor noted filamentous green algae/fishy odor/some of the parking are has washed out/butterflies/whirligig beetles/dead fish/man fishing from pier/tubers in water/people fishing
Monitor noted water is minutely turbid-muddy/sediment/small debris in water/water is slimy/pier is completely underwater/whirligig beetles/butterflies/woman and little boy in the water
Monitor noted drizzle while at site/river has begun to recede/suspended particles/lots of silt and sediment/flood debris in water/whirligig beetles-lots of them/parking area is now semi flooded/pier is underwater/sediment and silt deposits in parking area
Monitor noted Site flooded, floating debris, boat landing covered with mud/sediment, water level covering parking area and is up road/water has brown stain/dog prints/whirligig beetles/butterflies/bench has been knocked down into water
Monitor noted passing showers in last 48 hours/water is over pier except for the higher end/small flood debris/lots of new erosion/heavy silt deposit in parking area
Monitor noted pier is covered by water/dead fish at site/people at site and parking area/water covering road under rail road trestle to boat ramp
Monitor noted lots of runoff from road-parking area into the river
Monitor noted pile of gravel in parking area to refill washed out areas of parking area/can see pier but still underwater/lots of silt, mud and sediment in parking area/runoff from road into river/water is still running across road
Monitor noted pier is visible/mound of gravel in parking area to fill in holes-washed out areas/water is running across road and into river/two men in river wading/several people in parking area/kayaker upstream/man and young boy fishing from pier
Monitor noted no runoff from road/gravel pile remains in parking area/FGA/two people fishing, have caught several fish with sores and bulging eyes on sunfish
Monitor noted pier is covered but is still visible/small amount of water under train trestle
Monitor noted person fly fishing/guys launching a canoe/family fishing
Monitor noted three people on pier/pier is now visible and no longer under water/people recreating in the water/Front Royal Outdoors bringing in canoes at site
Monitor noted town is mowing and trimming/pier is completely bare/kayakers downstream/Front Royal Outdoors dropping off canoes

Monitor noted people fishing and wading in the river
Monitor noted FGA/clumps of algae
Monitor noted puddle under train bridge/FGA/clumps of FGA floating by/people fishing and playing in water
Monitor noted small puddle of water under train bridge/fisherman showed us a photo of minnow with lesion/family preparing to get in river
Monitor noted no evidence of recent rain, roadway dry, parking area dry/FGA/clumps of FGA floating by downstream
Monitor noted front royal outdoors dropping off canoes/several adults and kids playing and fishing in the river/lots of kid in the water
Monitor noted thunderstorms, evidence of rain within the last 24 hours/small puddle under train trestle/two kayakers at site launched as we left site
Monitor noted clumps of algae floating by/no water under train bridge/pier is fully visible/three kayakers in water/person playing with two dogs in river
Monitor noted currently raining at site/standing water under train bridge/kayaks upstream
Monitor noted FGA/Skyline canoe dropping off/10-12 kids with adults playing in water/tubers, kayaks, and canoes upstream
Monitor noted people fishing upstream
Monitor noted FGA/blue green algae
Monitor noted fisherman upstream
Monitor noted a lot of FGA that is green and becoming unattached, coverage is about 20-25%
Monitor noted currently sprinkling at site/H2O level over pier/boots sunk down into sediment/two teenage boys came in on a canoe, put in at Gooney/no standing H2O under or around train trestle/people sitting in cars-trucks in parking area
Monitor noted passing sprinkles/large head of catfish decaying in the river near bank/dog playing in the river at site

Monitor noted passing sprinkles today/large head of catfish decaying in river bank/dog playing in the river at site
Monitor noted H2O flowing over lower portion of pier/person fishing off banks
Monitor noted rain upstream last week/water level over pier/pier completely under water/person fishing, kids playing in water along bank, family getting ready to launch canoe
Monitor noted water is covering part of pier/people letting dog play in water
Monitor noted water is covering the flat part of pier/people letting dog play in water
Monitor noted heavy rain Friday June 5/people fishing/heavy silt and sediment loading
Monitor noted girls blowing up rafts/small boy throwing rocks into river/puddles under train Trussell
Monitor noted silt and sediment loading/lots of people with small kids in water/dogs at site/pier is fully submerged/canoe and kayak putting in at site/small wet spot under railroad Trussell/constant stream of cars coming and going/spoke to several famili
Monitor noted standing puddle under railroad Trussell/new work on train Trussell/person fishing, people-kids recreating in river
Monitor noted no evidence of rain/no puddles under train Trussell/pier completely exposed-out of water/kids playing in river/people fishing
Monitor noted urine smell at site/pier is totally exposed/no puddles or wetness under railroad trestle/dog playing in water with lady/man standing by water/animal waste by shoreline
Monitor noted people fishing/swimming along bank
Monitor noted thunderstorms at site in past 48 hours/small puddle under train trestle/new signs-fishing and boating-no parking
Monitor noted no evidence of rain at site in past 48 hours/filamentous green algae-FGA/cicadas/people/kids playing/fishing
Monitor noted filamentous green algae-FGA/lots of activity at site/cicadas/small amount of standing water under train trestle
Monitor noted no standing water under train trestle/debris and grass clippings in water sample/unable to see river bed at site/cicadas

Monitor noted pier is completely submerged/water is into parking area/dogs (3) playing in the river/family down by river with dogs and small kids/little kids playing in the water/unable to see river bed
Monitor noted parking area is muddy/minute turbid-muddy water with brown staining/clumps of green algae/grass clippings in water/water is covering the pier/cicadas/Front Royal Canoe picking up/damp area under railroad trestle/lady and small boy waling by
Monitor noted scum on top of water/heavy silt and sediment loading/grass clippings in water/several men fishing/pier is completely submerged/family sitting in picnic area/town mowing and trimming brush on road into site
Monitor noted minute tint and turbid-muddy color/heavy silt and sediment loading about 1/4-1/2"/fishy odor/heavy gravel and sediment erosion into the river from parking area/pier is visible/large puddle across road under rail road trestle/several people f
Monitor noted a few bubbles/film on top of water/mud/dog playing in the river/pier is visible/parking area has been extremely washed out/several people in the park area above river
Monitor noted snails
Monitor noted Brad Fink was with another guy from VA DWR (DGIF) at site fish shocking/grass clippings/H2O puddles in parking area
Monitor noted lots of mud on banks and in river/water is over pier/company pumping out water from river
Monitor noted puddles in parking area/thunderstorms and showers in the past 48 hours/Dobson flies/diaper/pier is visible/puddle under rail road bridge/no cicadas
Monitor noted water level low to very low
Monitor noted clumps of algae floating by

Monitor noted filamentous green algae (FGA)
Monitor noted dog in water/clumps of algae floating by/filamentous green algae (FGA)
Monitor noted dog playing in water/foul odor/clumps of algae floating by/filamentous green algae (FGA)
Monitor noted filamentous green algae (FGA)/water level low to very low
Monitor noted water level low to very low
Monitor noted water level low
Monitor noted water level very low
Monitor noted a small amount of filamentous green algae (FGA)/heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)/unable to wade as far out as previously because of high-rapid moving water/damage to parking area/heavy silt and sediment loading
Monitor noted suspended pollen/film on top of water/fishy odor/mud on banks/puddle under train trestle/pier is completely visible/parking area filled in with gravel
Monitor noted no H2O temperature reading/water level higher than last time/unable to see riverbed/lots of kids playing in water with adults/water is covering most of the pier and walk way to the pier is completely under water/person that comes to this sit
Monitor noted water is not over the pier/standing puddle under train trestle
Monitor noted puddle under train Trussell/dead crayfish
Monitor noted colored sheen-oil near shore line/dislodged algae/school of fish/dead crayfish/dog playing in water/10 + kayakers at site taking out/man fishing downstream
Monitor noted light drizzle while at site/floating natural debris/unable to see riverbed/ parking area washed out/great blue heron in tree/man and child playing with RC trucks in parking lot/puddle under train Trussell/pier about 75% covered-end is visibl

Monitor noted puddle under train trestle/puddles and damp area in the parking area/water is clear with suspended particles/lot of pollen on water surface/lot of brown-decaying algae/people fishing/people standing in water/parking lot washed in sections/fishermen in boat down river
Monitor noted suspended particles/lots of small sticks in water/no water under train Trussell/kingfisher/adults and kids playing in water/canoe downstream/pier is fully visible
Monitor noted unable to see river bed/feather in water/tadpole/puddle under train trestle/person fishing on pier
Monitor noted standing puddle under train trestle/few clumps of algae floating by-/diapers on bank/gravel from parking area-evidence of new erosion/other birds getting a drink from river/snails/parking area gravel in river/people recreating in river/person fishing
Monitor noted rain showers in area in past 48 hours/water is clear with suspended particles/scum on water surface/clumps of algae floating by/grass clippings in water/algal mats in water/cicadas
Monitor noted water-puddle under train trestle/slime on water surface/heavy silt-sand-sediment loading/small clumps of algae floating by/grass clippings/lots of fish-minnows/cicadas/adults and kids with dog playing in the river-enjoying the river
Monitor noted small puddle under train trestle/water clear with suspended particles/grass clippings in water/schools of fish-minnows/feather
Monitor noted wet spot under train trestle/stream bank has receded past pier/water slightly turbid/grass clippings in water/squirrels
Monitor noted small wet spot/puddle under train trestle/water is clear with particles/grass clippings in water/few snails
Monitor noted water clear with suspended particles/osprey
Monitor noted light drizzle while at site/large puddle under train trestle/water is clear with suspended particles/odor of decay/some washing away of parking area
Monitor noted water clear with suspended particles/thin scum on water surface/grass clippings in water/cicadas/kayaker taking out/family playing in water/small puddle under train trestle
Monitor noted lots of silt/natural flood debris on banks and in stream/geese honking/painting of bridge in process

Monitor noted grass in river/natural flood debris in river/egret/crews painting bridge
Monitor noted grass in river/egret/crews painting bridge
Monitor noted severe measurable storms in last 72 hours/grass clippings in water/floating debris/natural flood debris in water
Monitor noted sample collection off bridge using grab pole/rain in last 48 hours/water to bottom of low water bridge/lots of human litter in river/flood debris some large in river
Monitor noted water is slightly turbid-muddy/lots of silt/natural flood debris on banks and in river/butterflies/lots of tiny winged insects on water surface/construction crew at site parking area
Monitor noted suspended particles/debris/sediment/lots of flood damage/access road to bridge is still closed/sediment and silt washed into parking area
Monitor noted rain showers in past 48 hours/river is higher than last week/water is slightly turbid-muddy/suspended particles/debris in river/natural flood debris on banks and in river/lots of silt, sand and sediment deposited into parking area/man with truck pumping water into truck/lots of garbage at site and parking area
Monitor noted raining while at site/rain in the last 24 hours/water is flowing very rapidly/debris in water/huge amount of run off in parking lot/egret

Monitor noted light drizzle while at site/rain in the last 24 hours/large tree in water/debris in water/paving done by bridge/lots of silt and sediment loading in parking area/dead fish in parking area/people at site
Monitor noted suspended particles/small debris in water/sediment/odor of decay/fish and explore group at site/large log-tree remains in river/family in the shallow area/due to high and swift moving water adults and kids are in the calmer Manassas Run
Monitor noted floating brown algae in water/large log in water/fishy odor/adults and kids in water
Monitor noted large log in water/butterflies/people fishing and kayaking
Monitor noted small flood debris in water/snake/people playing in the water/people fishing/young girl with her dog at water
Monitor noted water is slightly turbid-muddy/water appears cloudy/flood debris in water/able to see how turbid water is from Manassas Run is coming into river/people in parking area
Monitor noted flood debris in water/butterflies/adult and two kids at site playing in water
Monitor noted debris in water

Monitor noted sediment/debris in water/some larger branches in water/butterflies/people in the water/right bank where Manassas Run flows in there about three to four dead fish
Monitor noted fishy odor/butterflies/blue heron/green heron/tubers in water/lady down by river
Monitor noted suspended particles/debris in water/water is slimy/butterflies/green heron/lots of human litter in the parking area
Monitor noted river is into parking area/water is minutely turbid-muddy/suspended particles/flood debris in water/lots of silt and sediment in the parking area
Monitor noted able to see more of parking area-river has receded
Monitor noted fish dam

Monitor noted intermittent drizzle while at site/fishing dam has been built and has diverted water flow
Monitor noted fish dam has changed the dynamic of the water flow/dog waste in water/group of tubers arrived as we left
Monitor noted tubers and canoes putting in/kids and adults in the water/fishermen said he caught healthy 10-12" rainbow trout
Monitor noted flow at site obstructed by structure built with the river rock-diversion of flow/people launching canoes and kayaks/kids, dogs, teens and adults playing in river
Monitor noted flow obstruction-man made/people fishing and kayaking
Monitor noted site is stagnate to calm due to man made obstruction/heavy sediment loading/people and kids catching crayfish at site/people wading and fishing upstream of site/Manassas Run continues to get more and more people arriving
Monitor noted two men getting ready to canoe/woman and child in water/family playing the water

Monitor noted no evidence of recent rain/water flow and level restricted by man made rock dam/lots of people at site today families recreating in river, fishing and kayaking
Monitor noted fish dam still in place
Monitor noted thunderstorms in past 24 hours, evidence of rain within the last 24 hours/water is calm along man made fish dam
Monitor noted blue green algae/fishermen in water
Monitor noted passing rain showers today/flow restricted because of low level and man made dam made out of rocks/tree fell while at site
Monitor noted blue green algae/man and child in water
Monitor noted several people fishing/adults and kids playing and sitting in water about mid river
Monitor noted camper-tent by parking area/first time flow by bridge columns

Monitor noted kayaker putting in at site
Monitor noted color of water is slightly turbid-muddy/family throwing rocks into river
Monitor noted passing sprinkles/slime/people fishing just off boat ramp/people sitting on rocks along banks
Monitor noted water is slippery from scum
Monitor noted rained upstream (southern valley)last week/unable to see river bed/Manassas Run is running milk chocolate into the Shenandoah River along the bank
Monitor noted water color slightly turbid-muddy/sediment/pollen blowing by/geese flew over/lots of people (adults and kids)at site playing and tubing in water along the bank/people having a picnic/people getting ready to launch to go kayaking
Monitor noted two kayakers took off from landing/family swimming down river

Monitor noted heavy rain Friday June 5
Monitor noted man and boy at water with dog-kid was tossing rocks into water/two people-lady and young boy eating by water
Monitor noted water is slightly turbid-muddy in color/people fishing-sitting on bank
Monitor noted no evidence of rain
Monitor noted lots of kids and adults in the river/tubers/dog playing in water/people sitting in chairs in river/kids and adults snorkeling
Monitor noted standing water in parking area/group of kids that were playing in river just left
Monitor noted family of kids playing in the river/cicadas

Monitor noted some standing water-puddles in parking lot/cicadas/three people fishing/possible mixing of Manassas Run and Shenandoah River/unable to see river bed/young man snorkeling near shoreline
Monitor noted minute turbid-muddy water/slight discoloration of water/lots of man made litter on banks/cicadas
Monitor noted water has slight discoloration/slightly turbid/fish in flooded area/cicadas
Monitor noted drizzle-mist while at site/brown stain-silt color/heavy silt and sediment loading/large logs in water/salt water type smell/river is into the parking area
Monitor noted rocks in water are slippery/not as much litter on banks as in past visits/kingfisher
Monitor noted a few whirligig beetles
Monitor noted large group of students from Powhatan School and chaperones launching in canoes and kayaks for a day trip on the river/H2O puddles in parking area
Monitor noted puddles in parking area/thunderstorms and showers in area in the past 48 hours/clothes and bags of trash on banks/cicadas/people coming in to launch canoe

Monitor noted water level very low
Monitor noted many people at site/couple bathing in the river
No H2O sample collected-decreased H2O level has caused river flow to move further away from streambank-boat launch area
H2O sample not collected-due to decreased flow H2O has receded even further since last sample collection on 7/01/2021
H2O sample not collected-water level to low-continues to recede
H2O sample not collected-water level to low

H2O sample not collected-water level is to low
H2O sample not collected-water level to low
H2O sample not collected-water level has receded from bank
H2O sample not collected-water level is to low
Monitor noted site flooded (out of banks)
Monitor noted heavy silt-sand-sediment loading/parking area newly installed/man fishing upstream/puddles in parking area/no trash cans installed yet
Monitor noted no H2O temperature reading/water level higher than last time/fishy odor/more clearing on bank of brush/large caddis fly hatch/dead crayfish/lots of trash in parking area/men fishing/people sitting by water under bridge
Monitor noted less standing water and a few puddles/suspended particles/evidence of new erosion caused by clearing-land disturbance

Monitor noted rain while at site/animal decay odor
Monitor noted intermittent rain while at site/standing puddles in parking area/water flowing very slowly and steady/slight brown stain/slime on rocks/adults and kids in the river playing/runoff from bridge into the river
Monitor noted puddles in parking area/light drizzle while at site/decay odor/lady walking dog
Monitor noted water has a slight brown stain/evidence of fire pit in parking area
H2O sample not collected-water level to shallow-no flow
Monitor noted water is back on bank/slight brown stain
Monitor noted color of water slightly turbid-muddy-brown stain

Monitor noted rain showers in area in the past 48 hours/water is clear with suspended particles/odor of decomp and fishy smell/squirrel/cicadas/water has receded to just shy of mid river
Monitor noted bank is further in stream-not as far as last week/rain in area during the past 48 hours/cicadas/diaper on rocks/spoke with gentleman about FOSR summer E. coli program and gave information/animal feces in parking area
Monitor noted no puddles in parking area/water clear with suspended particles/dead crayfish
Monitor noted stream bank has receded to mid-river site/water slightly turbid
Monitor noted the bank has retreated further away/water level normal to low for this time of year/dead crayfish/adults and child wading in shallows/people have built dam from rocks/kayaker/person fishing from canoe
H2O sample collected-site dry-stream bank has receded to mid river site
Monitor noted color of water is clear with suspended particles/man with small child playing in water
Monitor noted water clear with suspended particles/new sign for boat landing is up/crows/cicadas

Monitor noted floating algae in water/fishy odor/butterflies/adults and kids in water swimming, playing and fishing
Monitor noted large log in water/butterflies/people fishing and kayaking
Monitor noted very strong current/small suspended particles/small flood debris in water/heron
Monitor noted sample collected from bridge using grab pole/flood debris in water/butterflies/people in parking area
Monitor noted sample collected off bridge using grab pole/flood debris in water
Monitor noted sample collected off bridge using grab pole/debris in water/heron
Monitor noted sample collected from bridge using grab pole/water has very slight tint/debris in water/green heron/people in the water
Monitor noted rocks in water are very slimy/filamentous green algae/great blue heron/green heron/lady down by river/tubers in water

Monitor noted water is minutely turbid-muddy/suspended particles/debris in water/water is slimy/butterflies/green heron/sample collected by wading in stream after grab pole broke while attempting to collect sample from bridge
Monitor noted sample collected from bridge using grab pole/flood debris in water
H2O sample not collected-Road to site closed do to high water. Site flooded, debris/sediment
Monitor noted intermittent drizzle while at site/man fishing for catfish and bass caught a healthy looking 15" bass

Monitor noted people wading and fishing upstream of site, upstream of Manassas Run
Monitor noted no evidence of recent rain/kids playing in river at site, snorkeling
Monitor noted fish with lesions

Monitor noted thunderstorms, evidence of rain in the past 24 hours
Monitor noted fish dams
Monitor noted passing rain storms today
Monitor noted man and child playing in water
Monitor noted two women and kids playing in water
Monitor noted first time flow by bridge columns

Monitor noted passing sprinkles/slime/people fishing just off boat ramp/people sitting on rocks along bank
Monitor noted water is slippery from scum
Monitor noted color of water slightly turbid-muddy
Monitor noted heavy rain Friday June 5/a little brown staining in water color
Monitor noted water is slightly turbid-muddy
Monitor noted water is moving very fast
Monitor noted water color is slightly turbid-muddy

Monitor noted no evidence of rain
Monitor noted kids playing in water/adults sitting in chairs in the water/kids observing and asking questions about sample process/kids snorkeling
Monitor noted thunderstorms at site in last 48 hours/diapers in water/terrible odor at site/standing puddles/dry along bank-low H2O level has moved bank towards mid river
Monitor noted no evidence of rain in the past 48 hours at site/filamentous green algae-FGA/cicadas/kids playing in river at site/kayakers/low H2O level has resulted in the "bank" to migrate out towards mid river
Monitor noted standing water in parking area/group of kids that were playing in the river just left
Monitor noted cicadas/family of kids (6) playing in river
Monitor noted minute turbid-muddy water/cicadas/man made fish dam/could not see riverbed clearly

Monitor noted heavy sediment and silt loading/rocks are slimy
Monitor noted surface aquatic insects more than along bank
Monitor noted water moving swiftly/large group of students and chaperons from Powhatan School launching canoes and kayaks for a day paddling trip/H2O puddles in parking are
Monitor noted filamentous green algae (FGA)
Monitor noted water level very low/filamentous green algae (FGA)

Monitor noted clumps of algae floating by/water level low
Monitor noted dog in water downstream/water level very low
Monitor noted water level low
Monitor noted filamentous green algae (FGA)/water level very low
Monitor noted heavy silt and sediment loading/water level low-
H2O sample not collected-site flooded-water moving to swiftly
Monitor noted suspended particles/rocks are slimy/man fishing on bank just upstream
Monitor noted no H2O temperature reading/water level higher than last time/water is slightly turbid-muddy/suspended particles

Monitor noted rain while at site/animal decay odor
Monitor noted intermittent rain while at site/puddles in the parking area/slim on rocks/lot of small fish/adults and kids playing in the river/runoff from bridge into river
Monitor noted suspended particles/slime on rocks/fishy odor
Monitor noted water slightly turbid-muddy-brown stain
Monitor noted rain showers in the area the past 48 hours/water is clear with suspended particles/slight scum on water surface/odor of decomp and fishy smell/squirrel/cicadas

Monitor noted rain in the area over the past 48 hours/cicadas/several fish traps constructed in the river
Monitor noted no puddles in parking area/water clear with suspended particles
Monitor noted scum-slime on water surface
Monitor noted water level normal for this time of year/adults and young child (toddler) wading in river/kayaker/person fishing from canoe
Monitor noted H2O level has receded-streambank is now at this site/people have moved many rocks around forming dams/people kayaking
Monitor noted lots of flies of site
Monitor noted water clear with suspended particles/lots of leaves in river/trace amount of green algae/new sign for boat launch is up/cicadas
Monitor noted flood debris in water/lots of new erosion/fish with lesion
Monitor noted sample collected from streamside using grab pole/slimy film on water/green heron/butterflies
Monitor noted rocks in water are very slimy/butterflies

Monitor noted water slowly flowing/butterflies/can hear a rooster/lots of fish
Monitor noted sample collected streamside using grab pole/water is minutely turbid-muddy/flood debris in water
Monitor noted lots of erosion
Monitor noted intermittent drizzle while at site
Monitor noted VDOT mowed, buffer was left in place
Monitor noted evidence of runoff into river
Monitor noted no evidence of recent rain/whirligig beetles/flies
Monitor noted thunderstorms, evidence of rain within the past 24 hours

Monitor noted passing rain showers today
Monitor noted banks mowed but a 10' buffer was left along stream bank
Monitor noted no visible runoff from culvert
Monitor noted color of water is slightly turbid-muddy/ground cover-grass planting starting to grow
Monitor noted passing sprinkles/musty odor
Monitor noted water is slippery from scum
Monitor noted unable to see the stream bed
Monitor noted silt, sediment loading/cannot see the stream bed due to heavy silt loading/evidence of new erosion since site visit on 5/27/2020 (2 days ago)
Monitor noted heavy sediment loading
Monitor noted heavy rain on Friday June 5/water is fairly clear but some brown staining
Monitor noted small bubbles/heavy silt and sediment loading/small flying aquatic insects possible hatching
Monitor noted fishing line in water/silt and sediment loading

Monitor noted no evidence of recent rain
Monitor noted silt and sediment loading
Monitor noted thunderstorms at site in last 48 hours/log in water/standing puddles/water color noted as clear to turbid-muddy with brown stain
Monitor noted no evidence of rain in past 48 hours at site/Filamentous green algae-FGA/lots of crayfish/cicadas
Monitor noted standing water in parking area
Monitor noted cicadas
Monitor noted cicadas/very tiny just hatched surface aquatic insects/Shenandoah River is mixing with Manassas Run/man fishing/unable to see river bed/grass clippings in water/minute brown stain
Monitor noted water moving very slowly/minute turbid-muddy water/greenish brown staining/heavy silt and sediment loading/cicadas
Monitor noted cicadas/influence from river into Manassas Run
Monitor noted drizzle-mist while at site/heavy silt and sediment loading/silt-brown stain color/king fisher/cicadas/run off from bridge into river
Monitor noted heavy silt and sediment loading/trees down in water/kingfisher/cat
Monitor noted cannot view-see the streambed clearly-turbid

Monitor noted heavy silt and sediment loading
Monitor noted water level very low
Monitor noted water level very low
Monitor noted water level low
Monitor noted water level very low
Monitor noted heavy silt and sediment loading/water level low
Monitor noted site flooded (out of banks)/sample is combination of both river H2O and Manassas Run H2O due to backwash from river into Manassas Run

Monitor noted heavy silt-sand-sediment loading
Monitor noted no H2O temperature reading/water level higher than last time/suspended particles/heavy silt-sand-sediment loading/unable to see riverbed/sweet smell
Monitor noted water is slightly turbid-muddy/brown staining
Monitor noted rain while at site
Monitor noted intermittent rain while at site
Monitor noted light drizzle while at site/suspended particles/heavy silt-sand-sediment loading/unable to see riverbed/animal waste on bank/mosquitoes
Monitor noted heavy silt-sand-sediment loading
Monitor noted suspended particles
Monitor noted can not see bed of stream
Monitor noted rain showers in area during the past 48 hours/heavy brown-decaying algae-decomp in water/cicadas/lot of fish-minnows
Monitor noted rain in the area over the past 48 hours/lots of fish-minnows/cicadas
Monitor noted no puddles in parking area/water clear with suspended particles/school of fish-minnows
Monitor noted sprinkling while at site/water slightly turbid

Monitor noted hard to see creek bed due to silt-sediment-but more clear than during past several visits
Monitor noted water level is normal to low-normal for this time of year/water is clear with suspended particles/heavy silt-sand-sediment loading/lot of new erosion/lots of fish/lots of surface aquatic insects/crows/cicadas
Monitor noted lots of pollen/lots of silt/natural flood debris in water/gnat-a lot/butterflies/people being dropped off by Front Royal Canoe Company
Monitor noted squirrels/swing on tree over water/fishing line caught in tree/butterflies/lots of silt build up by bank
Monitor noted drizzle-mist while at site/ severe measurable storms in last 72 hours/minute particles/lots of silt/floating debris/natural flood debris in water/heron
Monitor noted sample collected using grab pole from bank/rain in past 48 hours/water is slightly turbid-muddy/suspended particles/flood debris in river/butterflies
Monitor noted localized spotty showers in last 48 hours/butterflies/natural flood debris on banks and in river
Monitor noted small pieces of debris/debris/natural flood debris in water/water running into river from underground/raccoon tracks/heavy sediment buildup on banks
Monitor noted rain in last 48 hours/river is higher than last week/water is steady flowing to rushing-choppy/water is turbid with suspended particles/logs and debris in water/parking area mowing and trimming today/cows on opposite bank of river/water draining into river from underground source
Monitor noted rain today and in the last 24 hours/water level is lower and clearer/lots of silt/lots of sediment/flood debris in water/run off continues from underground source/person fishing/three families having a picnic

Monitor noted rain in the last 24 hours/suspended particles/flood debris in water/lots of new erosion/steps to river are starting to erode away/lots of mosquitos/scat/discharge-run off from under ground source
Monitor noted filamentous algae/some remaining flood debris/filamentous algae is less than five percent/pocket of thick foam near left bank/lots of people in water-playing, fishing and floating
Monitor noted manure odor-no cows in sight but can smell manure/water run off from underground into river/large group of tubers/people fishing
Monitor noted filamentous green algae/flood debris in water/decay odor/tubers and kayakers in water/run off from underground source into river
Monitor noted rain while at site/suspended particles/minute turbid-muddy/flood debris in water/steps to river refilled with gravel/deer/rabbits
Monitor noted flood debris in water/run off into river from drainage ditch and underground source/very large bird droppings
Monitor noted water is minutely cloudy with suspended particles/sediment/flood debris in water/lots of new erosion/butterflies/clusters of beetles/flow from underground source into river continues/canoe companies dropping people off at site
Monitor noted suspended particles/campfire smell/in field-picnic area adjoining to river has a lot of oil sheen/swarm-colony of whirligig beetles/run off into river from underground source/dead catfish
Monitor noted water has a slimy film/sediment/debris some of which are large in water/run off from underground into river/whirligig beetles/ground surrounding river is saturated with oil spots on the grass
Monitor noted filamentous green algae/some large branches in water/water from underground source going into river/tubers in the river
Monitor noted water is slightly turbid-muddy/suspended particles/debris in water/water is slimy/whirligig beetles/great blue heron

Monitor noted sample collected streamside using grab pole/currently raining at site/suspended particles/litter in water/whirligig beetles
Monitor noted Site flooded, sediment, floating debris, lots of sand/silt/sediment on banks, runoff from underground source running into river, some of the gravel from steps has been washed into the river/fermented apple smell/raccoon tracks
Monitor noted runoff from parking area into river/oil sheen on grass/puddles at parking area/runoff from underground source into river
Monitor noted weed eating/runoff into river from underground source/path to river is saturated/lots of oil spots on path down to river
Monitor noted runoff from underground source into river/two people coming back from canoe trip
Monitor noted people in river downstream/banks have been mowed/runoff from underground source into river
Monitor noted two men fishing from boat across river/runoff from underground source into water/rocks in river are very slippery
Monitor noted runoff from underground source into river
Monitor noted runoff into river from underground source/kayakers upstream
Monitor noted some FGA/small trickle from spring into river

Monitor noted runoff from aquifer flowing into river/people picnicking/hammocks/kids swimming, playing and snorkeling at site/other people snorkeling downstream of site/people fishing upstream of site/lots of people at the park, down by and in the river
Monitor noted runoff from underground source into river/kayakers
Monitor noted no evidence of recent rain/clumps of FGA floating by/whirligig beetles/father and son recreating at site/dog
Monitor noted underground runoff entering river
Monitor noted thunderstorms, evidence of rain within the last 24 hours/discharge from aquifer next to steps/kayakers/people have constructed dam out of rocks, caused the water in catchment to become stagnant with garbage, leaves, sticks and grass
Monitor noted runoff into river from underground source/people in water/several families enjoying the park/fish dam has been built
Monitor noted FGA/adults relaxing and kids playing in water at site and upstream of site
Monitor noted people have diverted water flow with rock dam
Monitor noted two fishermen at site/people in water upstream/slight runoff from underground source into river
Monitor noted fish dam

Monitor noted there is very little runoff from underground source into river/fish dam has been built/park staff blowing grass that has been mowed
Monitor noted currently sprinkling at site/minute turbid-muddy color/decay, mold, mildew and manure odors
Monitor noted passing sprinkles/slime/tourists hiking area/mom and kids playing and walking around
Monitor noted cows on banks river left (opposite side)/mowing/people on the river fishing
Monitor noted rain upstream last week/threating to rain at site currently/grazing on bank on opposite side of park/lots of people at the park today
Monitor noted livestock in water opposite bank/no apparent run off/fisherman in kayak, people canoeing up river
Monitor noted heavy rain on Friday June 5/heavy silt and sediment loading
Monitor noted run off from side of bank flowing into river
Monitor noted run off along steps/kayakers
Monitor noted possible rain earlier-area appears to be wet/run off along bank flowing into river/livestock in water and on banks on opposite side
Monitor noted some damp spots-possible rain in area during last 48 hours/silt and sediment loading/cows on opposite bank/a salt water type smell at site/dog bag with waste on bank/kayakers/three diapers on bank/people in river up and down stream/man with

Monitor noted people playing in the water/no sign of livestock across river
Monitor noted wet at site-no evidence of heavy rains/grass clippings in water/people enjoying picnic area/people built dam along shore/family came to site to swim, wade and play in river
Monitor noted no evidence of rain at site in the past 48 hours/grass clippings in water/filamentous green algae-FGA/livestock in water and on banks on opposite bank/group using pavilion/hammocks hanging/others at picnic tables/the most people I have seen
Monitor noted grass clippings in water/boy playing in river/guys fishing/ladies came down to site told them about testing program
Monitor noted grass clippings in water/family looking at high-stained fast moving water
Monitor noted cicadas/grass clippings in water
Monitor noted lots of grass clippings in water/could smell cooking out/water from underground source flowing into river/lots of dragonflies/cicadas/people having a picnic with tubes/unable to see riverbed
Monitor noted unable to observe river bed/livestock on opposite bank/cicadas
Monitor noted water is moving swiftly/minute turbid color/lots of garbage in river/no cows on opposite river bank/cicadas/run off from underground source into river/ladies at picnic area
Monitor noted heavy silt and sediment loading/tree down/grass cut very short-lot of damage from vehicles/discharge from underground source into river
Monitor noted paw paws/people fishing off bank upstream

Monitor noted water moving swiftly/large piles of logs in river/rocks slippery
Monitor noted thunderstorms and showers in the past 48 hours in area/no cicadas/water from underground source flowing into river/fishermen downstream
Monitor noted dog in water/clumps of algae floating by/clumps of white foam
Monitor noted filamentous green algae (FGA)
Monitor noted water level low
Monitor noted water level low/filamentous green algae (FGA)

Monitor noted water level low
Monitor noted water level low
Monitor noted water level low
Monitor noted site flooded (out of banks)/not able to wade out because of high-rushing water/odor of sewage and ripe paw paws
Monitor noted unable to clearly see river bed/spring fed water/
Monitor noted no H2O temperature reading/unable to clearly see riverbed
Monitor noted water slightly turbid-muddy with brown staining/rabbit/squirrels/charcoal clumped at bottom of steps
Monitor noted suspended particles/log jams in water/person in picnic area/fishermen in water/lady and kids playing by water/runoff from under water source into river
Monitor noted heavy sand loading/grass clippings in river/runoff from underground source flowing into river/fishermen and canoe across river
Monitor noted drizzle-mist-rain while at site/suspended particles/people picnicking

Monitor noted minute brown stain/canoers
Monitor noted heavy white foam/few clumps of algae floating by
Monitor noted rain showers in area in past 48 hours/water is minute turbid-muddy/lot of brown foam/heavy silt-sand-sediment loading/cicadas/dead fish in water/people in water at site/more people joined others as we left
Monitor noted grass clippings in water/algae clumps in water/clump of white foam in water downstream/cicadas/fish traps constructed/family enjoying picnic at shelter
Monitor noted water level normal- higher than last week/green algae mat/grass clippings in water/couple playing in river
Monitor noted bait container on rocks in river/grass clippings caught on man made dam/man made dam out of rocks/mowing already low and bare/someone tubing
Monitor noted water clear with silt/grass clippings in water/group of different people enjoying picnics
Monitor noted grass clippings in river/people have built several dams
Monitor noted runoff along steps flowing into river/water is clear with suspended particles/grass clippings in river
Public boat launch off Indian hollow Road
Public boat launch off Indian hollow Road/monitor noted rain in the last 24 hours/suspended particles/sediment/debris in water/lots of new erosion/lots of sediment and silt loading on banks/butterflies/sediment and silt pushed to bank edges/two people on bridge/mowing and trimming on road side/water is just at the four foot mark

Monitor noted small debris in water/pieces of algae floating in water/butterflies/snails/kayakers at site/tubers at site
Monitor noted some floating algae in river/butterflies/fisherman up stream
Monitor noted filamentous green algae/floating algae clumps in water/egret/fisherman/tubers by the shore
Monitor noted light mist at site while collecting/suspended particles/flood debris in water/people coming in out of the water
Monitor noted water level may be coming down since rains have stopped/small flood debris in water/sediment/run off from parking lot into river/butterflies/run off into river from bridge
Monitors noted minute debris with suspended particles/flood debris in water/sediment/silt and sediment in boat launch area/butterflies/water level just below the four foot line on bridge/canoe companies dropping people off at site
Monitor noted sediment/butterflies/whirligig beetles/tubers putting in at site/canoe coming out at site/Down River Canoe company shuttling people in and out from-too site/evidence of higher water today/fishermen
Monitor noted lots of silt and sediment/butterflies/lots of whirligig beetles/kayakers coming in/water level is already receding to about the three foot mark on bridge
Monitor noted filamentous green algae/sand/sediment/small clumps of algae floating by/debris in water/whirligig beetles/butterflies/people floating in water/four kayakers coming in
Monitor noted water is slightly turbid-muddy/suspended particles/water is slimy/suspended particles being transported by river/odor of decay/whirligig beetles/butterflies/able to hear cows in the vicinity/water is just under the three foot mark on bridge
Monitor noted drizzle at site/river is up to drop off area of parking lot/suspended particles/lots of silt/sediment/flood debris in water/sediment and silt deposits in parking area/whirligig beetles/hear a frog/water is just under five foot mark on bridge/river has begun to recede
Monitor noted Site flooded, flood debris, sediment, boat launch covered in several inches of mud, possibly fresh bear tracks/whirligig beetles
Monitor noted mud pushed up to side of ramp/canoes at site/several people putting in at site
Monitor noted water level at 4' mark on bridge
Monitor noted water is 3' mark on bridge/canoe putting in/sand, silt and sediment deposited on banks and shoreline

Monitor noted several people fishing and sitting by river and wading
Monitor noted two men picking up canoes-Downriver Canoe Company
Monitor noted fishermen is water on other side of river
Monitor noted large group around 20 kayakers putting in at site/tubers
Monitor noted FGA/water level has rose to the 2' mark on bridge/lots of human activity/weed trimming
Monitor noted FGA/busy site, people upstream and downstream of site, kayaking and canoeing, fishing and playing in the river/camper
Monitor noted floating FGA/fisherman upstream/large group getting ready to go tubbing/clumps of algae floating by
Monitor noted raining heavily currently/runoff from bridge discharging into river upstream of site/clumps of FGA floating downstream/kids and adults snorkeling at site
Monitor noted large standing puddles/downriver canoe company dropping off canoes and kayakers at site as we were leaving
Monitor noted thunderstorms, evidence of rain within the past 24 hours/water is just below 2' mark on bridge
Monitor noted tubers and kayakers at site with adults and kids/clumps of SAV and green algae floating by
Monitor noted drove through showers on way to sight/soft rain while at site/father and son fishing
Monitor noted FGA/clumps of algae floating by/blue green algae
Monitor noted woman walking two dogs/water is up to 2' mark on bridge/water is very turbid
Monitor noted canoe with two kids and one adult taking out at site/seven canoes at site on shore/mountain bikes at site

Monitor noted recent mowing of banks/water level is at the 2' mark on bridge
Monitor noted water is slightly turbid-muddy/mud/mildew odor/mud on-covering boat ramp
Monitor noted passing sprinkles/horse manure on streambank and on boat ramp/two guys getting ready to put in for fishing trip
Monitor noted rain upstream last week/flies
Monitor noted heavy rain on Friday June 5/heavy silt and sediment loading
Monitor noted couple fishing off bank
Monitor noted puddles in parking area-obvious run off from parking area down boat launch/silt and sediment loading
Monitor noted no evidence of recent rain
Monitor noted silt and sediment loading/dead snake on bank/people heading out to go tubbing/lady magnet fishing/dog playing in water/man on banks/animal waste on shoreline
Monitor noted a high amount of filamentous green algae (FGA)
Monitor noted thunderstorms at site in last 48 hours/standing puddles of H2O in parking area
Monitor noted no evidence of rain at site in past 48 hours/filamentous green algae-FGA/hawk with possible rabbit in talons
Monitor noted grass clippings in water/unable to see river bed/standing H2O-puddles in parking area
Monitor noted standing water-puddles in parking area/only able to see bed along bank/cicadas/group-families launching and taking out
Monitor noted cicadas/unable to see river bed/water is up to the 5' mark on bridge/scat in parking area/dog prints

Monitor noted puddles in parking lot/heavy silt and sediment loading/man having lunch by river/water level at about 3.5' mark on bridge/unable to see riverbed
Monitor noted standing water in parking area/water level is just below the five foot mark on bridge/heavy silt and sediment loading/cicadas/unable to see river bed
Monitor noted large standing puddles in parking area/heavy silt and sediment loading/sand/fowl odor/lots of new erosion/water level is down to the 3' mark on bridge/construction upstream/launch-parking area gravel has been washed out into river
Monitor noted heavy silt and sediment loading/mud/sand/scat on boat launch/water is at 2' mark on bridge/kayakers putting in
Monitor noted scat on PBL area
Monitor noted water moving swiftly/Finn Hydro Solutions pulling H2O from river at site/large standing H2O puddles in parking area
Monitor noted suspended particles/snake/not able to clearly see stream bottom/person in kayak
Monitor noted no H2O temperature reading/unable to clearly see riverbed/heavy silt-sand-sediment loading/tuber in river/puddles in parking area/water is up the 3' mark on bridge/canoe and kayakers getting ready to launch
Monitor noted standing puddle
Monitor noted suspended particles/algae and decomp-vegetation becoming dislodged and die off/dead crayfish/man fishing in river-caught some bluegill/water mark just below 2' mark/fisherman saw a large snapping turtle in river
Monitor noted puddles/heavy silt-sand-sediment loading/Resurfacing of boat ramp-added gravel/dead fish/water level at the 2' mark bridge/fisherman upstream
Monitor noted rain-thunderstorms while at site/suspended particles/lot of runoff from parking area into river/water at 2' mark on bridge/runoff from bridge into river
Monitor noted odor of decay/large canoe group putting in
Monitor noted suspended particles/group of kids from Alex fishing

Monitor noted rain showers in area during past 48 hours/water is clear with suspended particles/cicadas/water level just below 2' mark on bridge/canoe coming into boat landing
Monitor noted small clumps of algae floating by, grass clippings, tubers upstream, man with large tank truck withdrawing water from river-asked about the FOSR and project
Monitor noted don't know for precipitation in past 48 hours-water level higher than last week/grass clippings in water/two men canoeing
Monitor noted standing puddle on boat ramp/mowing on opposite side of riverbank across from site
Monitor noted water clear with silt/grass clippings in water
Monitor noted water is slightly turbid/snails/person heading out in canoe
Monitor noted puddles in parking area/water level up slightly from last week/water is clear with suspended particles/algal mat downstream/gravel washed out from parking area on boat launch and in river/water level is just below the 2' mark on bridge
Leach Run east side of Leach Run Parkway off driveway to Dynamic Life Praise & Workship Center Warren County VA
Leach Run west end of Vista Ridge Court off Lewis Street Warren County VA
Leach Run west end of Vista Ridge Court off Lewis Street Warren County VA
Leach Run west end of Vista Ridge Court off Lewis Street Warren County VA
Monitor noted color of water slightly turbid-muddy/sediment/gnats/large fallen tree in stream downstream of site
Monitor noted heavy rain on Friday June 5
Monitor noted sediment

Monitor noted flow laden with discoloration and sediment/gnats, spiders, bees, bugs and thorns
Monitor noted heavy rain on Friday June 5/stone like sediment dam removed/cooper-iron colored sediment
Monitor noted sediment
Monitor noted water appeared to look greenish grey-clear in bucket
Monitor noted heavy rains prior week
Monitor noted patchy rain in county

Monitor noted water level was a little high/color of water is a pale clear to greenish gray
Monitor noted over all river water looks brown
Monitor noted water appeared to look greenish grey-clear in bucket

Monitor noted heavy rains prior week
Monitor noted a lot of rain in surrounding county
Monitor noted air temperature seems t be an outlier, it is a true reading
Monitor noted temperature extrapolation mercury column <-5
Monitor noted overall river looks brown from bridge

Monitor noted water appeared to look greenish grey-clear in bucket
Monitor noted heavy rains prior week

Monitor noted rain in patches in county
Monitor noted temperature extrapolation mercury column <-5
Monitor noted color of water is a pale clear to greenish gray

Monitor noted river water looks brown
Monitor noted smell of pollution/just upstream of bridge where a side flow of water comes in there is a drain pipe-there was a small boom encompassing drain flow/scum accumulated on far side of river above and below bridge
Monitor noted water appeared to look greenish grey-clear in bucket

Monitor noted heavy rain prior week/water is greenish gray and cloudy
Monitor noted patchy rain in county
Monitor noted water level is a little high/color of water is pale clear to greenish grey stain

Monitor noted water flow as very calm
Monitor noted river water looks brown
Monitor noted collected sample from bridge 100 feet upstream from normal location

Monitor noted snow
Monitor noted water snakes in H2O
Monitor noted cattle crossing entrance now opening downstream

Monitor noted heavy rain at site within the last 48 hours-1/4"

Monitor noted three otters

Monitor: C. Huppuch recorded the water sample Collection Date as 9/19/2020, however the water sample was picked up from the drop off location on Friday, 09/18/2020
Monitor noted wing wall built to divert water

Monitor noted brush clearing near river
Monitor noted sunny sky/bucket started to freeze to bridge surface
Monitor noted water level higher than has been but still in normal range/a little scum
Monitor noted choppy H2O surface from wind
Monitor noted scattered thunder storms yesterday/small about of scum/a few leaves in water/butterfly/beautiful morning
Monitor noted sunny/H2O cloudy hard to see under surface/wildflowers blooming on banks
Monitor noted some down pours in area in last 48 hours/too muddy to see anything/debris is piled around bridge support
Monitor noted evidence of new erosion below/a tree has up rooted and fallen into river-across
Monitor noted there have been showers in area last two days/sunny day/heavy shadows on river
Monitor noted may have had a small shower in last 48 hours
Monitor noted H2O a little to murky to see much, dark shadows too
Monitor noted natural flood debris quite high into adjoining field/evidence of new erosion from flooding/heavy debris around bridge/pier has been moved/new pile downstream

Monitor noted a little green algae/grey and cloudy out
Monitor noted drizzle-mist just started/snow melt last five days but no rain
Monitor noted bucket froze to bridge
Monitor noted rain in the last 48 hours with most perception overnight/windy/hint of green in woods
Monitor noted water is slightly high
Monitor noted leaves and seed heads/grey overcast sky
Monitor noted showers in the area the last 48 hours-likely rained here
Monitor noted water level is a little low but in normal range
Monitor noted pop up p.m. showers in area/snapping turtle about dinner plate size/water level a little low
Monitor J. Tammi noted gray, cloudy day
Monitor noted showers in the area during the past 48 hours
Monitor noted sample put on ice 20 minutes after collection/nearly 2" of rain past week/water level higher than usual
Monitor noted 1/2" of rain Wednesday night thru last night/silt on edges of stream bed
Monitor noted flurries-snow squalls on mountain/silt on edges of bottom/squirrels

Monitor noted steady rain with some variation 2-3 days ago- 1 5/8", also last night and this morning about 1/4" of rain/small flood almost two weeks ago around April 16
Monitor noted 1/4" rain yesterday
Monitor noted multiple rain events in recent weeks/water level is normal to above normal
Monitor noted heavy to moderate rain in past 48 hours-2 5/8" yesterday and last night/kingfisher
Monitor noted water level normal to lower than normal/slightly turbid-muddy
Monitor noted 3/8" rain recently/water level is normal to slightly below/slightly turbid-muddy
Monitor noted 1" of rain on Wednesday
Monitor noted 1/2" rain on Tuesday-Wednesday night
Monitor noted rain earlier in the week
Monitor noted 3/4" rain yesterday evening-1/4" overnight/water is 3-4" over top my knee boots/our streams were flooded Monday after hurrican Florence
Monitor noted water higher than normal/almost crystal clear
Monitor noted intermittent rain earlier this morning and earlier this week/water level is higher than normal/water is slightly turbid
Monitor noted snow about 7" Sunday slowly melting/water level slightly high
Monitor noted an 1/8" of rain in last 48 hours

Monitor noted intermittent rain this morning 3/8"/water is fairly high
Monitor noted no H2O temperature-forgot thermometer/1/4" of rain in last 48 hours/water is slightly higher than normal
Monitor noted no H2O temperature-forgot thermometer/about 1/4" of rain in last 48 hours/water is slightly higher for this time of year/water is very turbid-muddy/deer path on steep river bank on opposite side/deer tracks
Monitor noted some silt/some green algae
Monitor noted light intermittent rain yesterday/3-4 rain events in past few weeks over five inches/color of water is moderate turbid-muddy
Monitor R. Brown noted forgot thermometer, snow on ground
Monitor noted a intermittent steady rain started early this morning/some leaves
Monitor noted bank soil worn possibly by beavers/evidence of activity not actual visual observation
Monitor noted intermittent rain at site in past 48 hours-thunderstorm with intermittent rain-5/8"
Cooler was not out at drop off location, M. Webb froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted steady rain in the past 48 hours-1/2"/crayfish claws on streambed
Monitor noted yesterday and last night almost 1/2" of rain/livestock on banks-a few near bank
Monitor noted water level is normal or possible above normal level
Monitor noted water level is normal to slightly above normal

Monitor noted no zip lock bags or ice-used cold packs/3/8" of rain yesterday afternoon
Monitor noted light rain last night
Monitor noted 1/4" rain in the last 48 hours
Monitor noted some leaves and silt and sediment in the water
Monitor noted some silt and sediment
Monitor noted intermittent rain yesterday and last night-3/8"/drizzle-mist this morning/color of water moderate turbid-brown
Monitor noted king fisher
Monitor noted water color is almost clear/some leaves in water
Monitor noted sample put on ice 5-10 minutes after collection/nearly 2" of rain during past week/water level normal to slightly higher
Monitor noted 1/2" of rain Wednesday night/silt on edges of stream bed

Monitor noted flurries-snow squalls on mountain/silt on edges
Monitor noted water is almost crystal clear
Monitor noted steady rain with some variation 2-3 days ago- 1 5/8", also last night and this morning about 1/4" of rain/small flood almost two weeks ago around April 16/possible coyote
Monitor noted 1/4" rain yesterday
Monitor noted multiple rain events in recent weeks/water level normal to above normal
Monitor noted heavy to moderate rain in last 48 hours- 2 5/8" yesterday and last night/part of an old dead tree in creek/kingfisher/domestic fly
Monitor noted water level normal to lower than normal/slightly turbid-muddy
Monitor noted 3/8" rain recently/slightly to moderately turbid-muddy/I took sample behind dam-deep slow water-1- 1 1/2' high/new beaver dam at sample site/heron feces
Monitor noted 1" of rain Wednesday/beaver dam has shifted-one end is downstream from original position, like a gate that's left open caused by high water or beaver/beaver dam not a water level
Monitor noted 1/2" rain on Tuesday-Wednesday night/water level normal to above normal
Monitor noted rain earlier this week/water level normal, lower than last time
Monitor noted 3/4" rain yesterday evening-1/4" overnight/fast moving water
Monitor noted water higher than normal/almost crystal clear/evidence of new erosion west shoreline
Monitor noted intermittent rain early this morning and earlier this week/water level is higher than normal/water is moderately turbid
Monitor noted snow about 7" Sunday slowly melting/water level slightly high/water very turbid-muddy
Monitor noted an 1/8" of rain in last 48 hours
Monitor noted intermittent rain this morning 3/8"
Monitor noted no H2O temperature-forgot thermometer/1/4" of rain in last 48 hours/water is slightly higher than normal/water is slightly turbid-muddy
Monitor noted no H2O temperature-forgot thermometer/about 1/4" of rain in last 48 hours/water is high for this time of year/water is very turbid-muddy/deer tracks and paths on stream banks
Monitor noted some silt
Monitor noted light intermittent rain yesterday/3-4 rain events in past few weeks over five inches/color of water is slight turbid-muddy/possible coyote prints

Monitor noted a intermittent steady rain started early this morning/water color is slightly turbid-muddy
Monitor R. Brown noted forgot thermometer, snow on ground
Monitor noted ducks and geese observed/activity evidence of raccoon or opossum
Cooler was not out at drop off location, M. Webb froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/Monitor noted steady rain in the past 48 hours-1/2"
Monitor noted water level is normal to slightly above normal
Monitor R. Brown put a question mark next to the water temperature
Monitor noted no zip lock bags or ice-used cold packs/3/8" of rain yesterday afternoon
Monitor noted light rain last night
Monitor noted 1/4" rain in the last 48 hours
Monitor noted some leaves and silt and sediment in the water
Monitor noted intermittent rain yesterday and last night-3/8"/drizzle-mist this morning/color of water light turbid-brown
Monitor noted no H2O sample collected-new beaver dam-water to high for monitors boots/water flowing slowly
Monitor noted sample put on ice 10-15 minutes after collection/nearly 2" during past week/water level normal to slightly higher

Monitor noted 1/2" rain Wednesday night thru last night/silt on edges of stream bed
Monitor noted flurries-snow squalls on mountain/silt on edges of bottom
Decomp/very slight brown tint
Monitor noted steady rain with some variation 2-3 days ago- 1 5/8", also last night and this morning about 1/4" of rain/small flood almost two weeks ago around April 16
Monitor noted 1/4" rain yesterday/large tree-Hickory?-on East fell across river
Monitor noted multiple rain events in recent weeks/water level normal to above normal
Monitor noted heavy to moderate rain in past 48 hours-2 5/8" yesterday and last night/large tree fell across river about 70' above sample site-was down last time also/kingfisher
Monitor noted water level normal to lower than normal/slightly turbid-muddy
Monitor noted 3/8" rain recently/water level normal to slightly lower
Monitor noted 1" of rain
Monitor noted 1/2" rain on Tuesday-Wednesday night
Monitor noted rain earlier this week/small tree fell into river
Monitor noted 3/4" rain yesterday evening-1/4" overnight/our streams were flooded Monday after hurrican Florence
Monitor noted water higher than normal/almost crystal clear/water moving swift/natural flood debris in stream has narrowed stream flow causing faster water flow
Monitor noted intermittent rain early this morning and earlier this week/water level is higher than normal/water has swift flow due to river bed change after large tree fell across river/gravel bar narrowed channel
Monitor noted snow about 7" Sunday slowly melting/water level slightly high/water flowing swift/water is slightly turbid-muddy
Monitor noted an 1/8" of rain in last 48 hours
Monitor noted intermittent rain this morning 3/8"/water is fairly high
Monitor noted no H2O temperature-forgot thermometer/1/4" of rain in last 48 hours/water is slightly higher than normal
Monitor noted small tree fell in water at sample site
Monitor noted no H2O temperature-forgot thermometer/about 1/4" of rain in last 48 hours/water is slightly higher for this time of year/water is very turbid-muddy/part of small dead tree fell across part of river at sample site
Monitor noted some silt/some green algae

Monitor noted light intermittent rain yesterday/3-4 rain events in past few weeks over five inches/color of water is turbid-muddy/partial beaver dam/changes in stream bed-gravel bars, water flow and depth
Monitor noted a intermittent steady rain started early this morning/some leaves
Monitor R. Brown noted forgot thermometer, snow on ground
Monitor noted activity evidence of beaver or muskrat
Cooler was not out at drop off location, M. Webb froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted steady rain in the past 48 hours-1/2"
Monitor noted yesterday and last night almost 1/2" of rain
Monitor noted water level is normal to slightly above normal
Monitor R. Brown clarified water temperature was just over 0
Monitor noted water too deep and swift-sampled 15-20 feet from usual sample site/kingfisher
Monitor noted no zip lock bags or ice-used cold packs/3/8" of rain yesterday afternoon
Monitor noted light rain last night
Monitor noted 1/4" rain in the last 48 hours
Monitor noted some leaves in water/bird scat
Monitor noted intermittent rain yesterday and last night-3/8"/drizzle-mist this morning/color of water very turbid-muddy
Monitor noted king fisher

Monitor noted no H2O sample collected-new beaver dam-water to high for monitors boots/water flowing slowly
Monitor noted light snow
Monitor noted river has changed downstream from recent heavy rain-new channel out to left of original/fencing at north end of bridge has moved some from high water/had to change collection point from west to east side of bridge
Monitor noted slight turbid-muddy
Monitor noted slight turbid-muddy
Monitor noted water slightly turbid-muddy/first time I've heard frogs since I started doing this
Monitor noted first time seeing ducks and minnows/water slightly turbid
Monitor did not record H2O temperature/monitor noted steady rain currently at site/cattle in field to east
Monitor noted livestock on banks to north of site
Monitor noted water is slightly turbid/muddy
Monitor noted color of water is clear, but not crystal clear/geese flew over
Monitor noted frog

Monitor noted first time seeing a fish since starting sample collections
Monitor noted cattle on both banks and in stream at crossover
Monitor M. Webb noted that some guy was wading in the river about 75 yds upstream , sort of unusual
Monitor noted steady freezing rain
Cooler was not out at drop off location, M. Webb froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted first time I've not seen any white foam
Monitor noted site is slightly turbid
Monitor noted color of water slight turbid-muddy/cattle came to visit on downstream side
Monitor noted cattle in cross over above the sample location (crossing from one field to another)
Monitor noted frogs
Monitor noted first turtle seen since I've started
Monitor noted first time I recall seeing no foam/quite a few minnows
Monitor noted frog
Monitor noted water color slight turbid in appearance
Monitor cattle were crossing above collection site, but not standing in the cross over chute

Monitor noted color of water slightly turbid-muddy
Monitor noted could not see but could hear frog
Monitor noted water color slightly turbid
Monitor noted a dead raccoon
Monitor noted severe erosion from flood
Monitor: C. Huppuch recorded the water sample Collection Date as 9/19/2020, however the water sample was picked up from the drop off location on Friday, 09/18/2020

Monitor noted ice on banks
Monitor noted color of water milky along left of bridge upstream

Monitor noted snow

Monitor noted ice

Monitor: C. Huppuch recorded the water sample Collection Date as 9/19/2020, however the water sample was picked up from the drop off location on Friday, 09/18/2020
Monitor noted power company clearing trees-opening shade
Monitor noted trees cut by highway department
Monitor noted tree cut for power line

Monitor noted frozen on edges

Monitor noted hawk
Monitor: C. Huppuch recorded the water sample Collection Date as 9/19/2020, however the water sample was picked up from the drop off location on Friday, 09/18/2020
Monitor noted bridge closed traffic

Monitor noted clearing banks
Monitor noted green algae in deepest area/green vegetation grown near H2O edges where cattle used to come to H2O/shallow area about 1/2 of creek is frozen
Monitor noted drizzle-mist currently at site/there has been more rain in areas-not sure how heavy here/a lot of white foam-bubbles/a lot of green algae/area is greening up
Monitor noted breezy and quiet/striking colors on stream bottom/fields are turning green
Monitor noted thunder storms yesterday in PM/I can see bottom of creek but looks murky/a lot of silt-thick/natural flood debris pile up-small beaver dam/kingfisher/bubbles rising as before
Monitor noted no cattle seen today/song birds
Monitor noted intermittent-heavy at times rain within the past 48 hours/no cattle seen/two new goats/kingfisher/blue heron/muddy
Monitor noted no cattle in field

Monitor noted showers in last 48 hours/no standing H2O noted/no livestock in sight/heavy shadows on H2O
Monitor noted thunderstorm in last 48 hours/no livestock in field/very few insects/water striders
Monitor noted possible light showers in last 48 hours
Monitor noted silt at edge/pair of kingfishers
Monitor noted no cattle in sight/grey sky making it hard to see anything
Monitor noted snow melt last five days-no rain/livestock on banks at hay feeder
Monitor noted livestock at feeder in field/cold front moving through
Monitor noted livestock in field with calves/section of bank sod gone
Monitor noted no livestock in field/field has been mowed
Monitor noted a little green algae/cattle on both sides of creek-must be crossing/creek is very shaded
Monitor noted pop up p.m. showers in area/evidence of flooding since last visit-4"of rain close to here
Monitor noted Great Blue Heron
Monitor noted no livestock seen

Monitor noted stream bed covered with leaves and silt-60% is thick silt
Monitor noted tree fallen just downstream
Monitor noted crows
Monitor noted flurries
Monitor noted water turbid-muddy very slightly
Monitor noted 1.48" of rain since 4 PM yesterday
Monitor noted very slightly turbid-muddy
Monitor noted water level normal to high normal/water slightly turbid-muddy/dead crayfish
Monitor noted water level high-normal
Monitor noted man made litter on banks from flooding

Monitor noted spraying along bridge approach by VDOT for vegetation control
Monitor noted water is slightly turbid-muddy
Monitor W. Morriss noted flurries on Wednesday
Cooler was not out at drop off location,W. Morriss froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted crawfish/water is slightly turbid-muddy
Monitor noted color of water slight turbid-muddy

Monitor noted color of water slight turbid-muddy/muskrat
Monitor noted water very slight turbid-muddy
Monitor noted sprinkles-drizzle-mist in last 48 hours/water calm to stagnant
Monitor noted precipitation all around us but not at site during the last 48 hours/water has slight brown stain/dead midges on surface
Monitor noted color of water slightly turbid-muddy
Monitor noted water slight turbid-muddy color

Monitor noted color of water slight turbid-muddy
Monitor noted showers in past 48 hours/herbicide application in adjacent field just upstream about 5-6 weeks ago
Monitor noted H2O temperature not recorded-thermometer broke
Monitor noted did not take H2O temperature-thermometer broken
Monitor note no H2O temperature-thermometer broken

Monitor noted no H2O temperature recorded due to broken thermometer
Monitor did not record H2O temperature
Monitor did not record H2O temperature
Monitor noted no H2O temperature-thermometer broken
Monitor noted repairs being done on bridge
Monitor noted no H2O temperature-thermometer broken
Monitor noted not H2O temperature reading due to broken thermometer
Monitor noted water level slightly higher/bridge work/very loud bridge work

Monitor did not record water temperature
Monitor noted water is icy/site quite
Monitor noted snow showers/kingfishers
Monitor noted warblers and woodpeckers
Monitor noted oven birds/warblers

Monitor noted deer and turkeys
Monitor noted deer hunters
Monitor noted flurries
Monitor noted snow flurries
Monitor Dave Horn did not received the message that the monitoring had been rescheduled to Feb. 21. H2O sample collected on 2.07.2020 was frozen then thawed for analysis

Monitor noted more traffic than usual
Monitor noted warblers
Monitor noted overcast with no birds
Monitor: D. Horn recorded the water sample Collection Date as 9/19/2020, however the water sample was picked up from the drop off location on Friday, 09/18/2020
Monitor noted wood frog calling
Monitor noted warblers
Monitor noted good flow
Monitor noted yellow breasted cuckoo/clematis blooming/warblers/minnows

Monitor noted many deer hunters around/dogwoods showing color
Monitor noted trees coloring/turkeys
Monitor noted deer hunters
Monitor noted nothing moving
Monitor noted minnows
Monitor noted intermittent ice along stream edge
Monitors noted flurries/branches down and wind damage to trees downstream
Monitor noted slight turbid-muddy
Monitor noted water slightly turbid-muddy/green heron
Monitor noted water level normal to high/silt gone
Monitor noted water level was normal to high/human litter in water due to flooding

Monitor noted water level normal to high
Monitor noted color of water slight turbid-muddy
Monitor W. Morriss noted flurries on Wednesday
Cooler was not out at drop off location,W. Morriss froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted large tree fell in river just downstream
Monitor noted color of water is slight turbid-muddy
Monitor noted water color as slight turbid-muddy
Monitor noted sprinkles in last 48 hours/water is slightly turbid-muddy
Monitor noted no to trace amount of precipitation at site during last 48 hours
Monitor noted water slightly high/color is tinged turbid-muddy/evidence of slight erosion
Monitor noted plantings along bank

Monitor noted color of water slight turbid-muddy
Monitor noted color of water slight turbid-muddy
Monitor noted showers in past 48 hours/water level low to normal
Monitor noted ongoing bank restoration upstream
Monitor noted water slight turbid
Monitor noted flurries
Monitor noted swallows
Monitor noted swallows
Monitor noted swallow
Monitor noted very slightly turbid-muddy
Monitor noted water level is normal to high

Monitor noted water level normal to high
Monitor noted evidence of new erosion up stream on east bank
Monitor noted .75 inches of rain in 40 minutes during the last 48 hours/water is slightly turbid/muddy
Monitor W. Morriss noted flurries on Wednesday
Monitor noted swallows
Monitor noted color of water is slightly turbid-muddy
Cooler was not out at drop off location,W. Morriss froze water samples then delivered to drop off location next wq monitoring rotation on 08.14.2020/monitor noted natural flood debris still at site
Monitor noted color of water slight turbid-muddy
Monitor noted swallows
Monitor noted sprinkles/swallows
Monitor noted none to little precipitation at site during last 48 hours at site while being all around/swallows

Monitor noted color of water slight turbid-muddy/swallows
Monitor noted showers in past 48 hours/water level normal to low/swallows

Monitor noted 1/4" rain at site in last 48 hours/water level up 2/3"

Monitor noted kingfisher

Monitor noted large snapping turtle
Monitor noted water snake
Monitor noted irrigation pump on bank with pipe in creek (pipe not running)
Monitor noted large log at bridge washed away/water snake/bridge collection site is open again

Monitor noted kingfisher

Monitor noted H2O sample not collected-river completely dry

Monitor noted methane odor-leaf decay
Monitor noted sample collected 10' east of last sampling due to tree blocking flow at exact spot of usual sampling/water steady flowing and fast
Monitor noted scant snow showers/minimal white foam-bubbles
Monitor noted mosquitoes
Monitor noted can hear cicadas and crickets
Monitor noted water level very high
Monitor noted color of water is greenish-brown
Monitor noted white spit/aquatic vegetation/silt
Monitor noted agriculture sludge or fertilizer odor/squirrel
Monitor noted water is milky in channels
Monitor noted sewage, fertilizer odor
Monitor noted water level up and moving at above average rate of flow
Monitor noted white foam-spit
Monitor noted white spit/slight sewage odor
Monitor noted white spit/blue green color in channel
Monitor noted water is up and fast/white spit near shore
Monitor noted white spit
Monitor noted slow flow in main channel/white spit/sewage odor/tree insects-cicadas
Monitor noted spit

Monitor noted medium level flow pipes blocked by debris upstream of earth bridge
Monitor noted water slightly turbid-muddy/sample taken downstream of culvert/upstream site blocked by debris
Monitor noted entire site altered/trees and vegetation cleared 50 yards in each direction/silt fence installed/starling flocks migrating
Monitor noted scant snow showers/water slightly high-slightly turbid/banks altered-soil exposed/work on bridge surrounding site greatly altered/trees and brush removed/soil exposed/silt fence
Monitor noted new bridge construction/banks altered-soil exposed/silt fencing
Monitor noted sample collected approximately 300 yards upstream from usual collection site/water slightly turbid-muddy/bridge construction completed/cannot access usual site/terrain alerted post construction/cicadas
Monitor noted collection site is permanently altered/sample taken approximately 100-150 yards upstream from former site just below bridge/bank restored after bridge construction rip-rap holding soil/silt fence placed intermittently/crickets and other insects
Monitor noted construction complete/silt fencing in place/crickets and frogs chirping
Monitor noted silt
Monitor noted completed bridge construction
Monitor noted water level slightly up
Monitor noted water is slightly turbid-muddy/bank restoration in progress from bridge construction
Monitor noted slightly turbid in color/whitish color of water in pockets/otherwise clear water color
Monitor noted water is whiteish in channels/odor of manure/groundhog/cicadas
Monitor noted water is murky/chirping crickets-insects

Monitor noted strong flow
Monitor noted butterflies
Monitor noted white spit/cow manure odor/gnats
Monitor noted white spit
Monitor noted water slightly high/slightly turbid/blue-green-gray color/white spit
Monitor noted water color is slightly turbid
Monitor noted spit
Monitor noted usual site is in bend-currently thin ice cover, not flowing-collected sample approximately 300 yards upstream, just upstream from rail road trestle where steady flow in channel/manure-earth odor
Monitor noted much human litter on bank-some in water
Monitor noted scant snow showers/water up slightly/slightly turbid
Monitor noted man made litter on banks has washed away or underwater/odor of livestock-cattle/bank altered/soil leveled and smoothed out
Monitor noted bubbles

Monitor noted white foam-spit
Monitor noted water is slightly high
Monitor noted water is slightly turbid-muddy
Monitor noted odor of cows-manure/plant matter
Monitor noted water color slightly turbid
Monitor noted cicadas
Monitor noted water flow slow in pools of main channel/scum in channel/fertilizer odor/kingfisher
Monitor noted steady flow in main channel/still near shores
Monitor noted water slightly up and medium flow
Monitor noted steady flow in main channel/stagnant on left side of channel/white foam-spit/stagnant near bank
Monitor noted white spit
Monitor noted livestock odor
Monitor noted flow of water is steady and fast
Monitor noted white spit
Monitor noted water is stagnant near shore and steady flowing in channel/white spit/livestock odor/water is being pumped from river
Monitor noted color of water as murky
Monitor noted slight white foam/bubbles
Monitor did not record collection time
Monitor noted no H2O temperature recorded-thermometer broke
Monitor noted did not recorded H2O temperature-thermometer broken/new vegetation on banks/air temperature from weather channel
Monitor noted H2O temperature not recorded due to broken thermometer
Monitor did not record H2O temperature
Monitor did not record H2O temperature

Monitor noted thermometer broken/livestock on south banks
Monitor noted no H2O temperature taken-thermometer broken
Monitor noted livestock in water and on banks/lots of green algae
Monitor did not record water temperature
Monitor noted some ice on bank
Monitor noted drizzle-mist currently at site/additional rain last 48 hours/hawk
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/moss

Monitor noted measurable snow on 12/16/2020 currently melt off affecting stream flow level/grass
Monitor noted drizzle-mist currently at site/additional rain last 48 hours
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/water slightly turbid-muddy/water cloudy
Monitor noted snow melt/East side of bridge-melt off from bridge slightly upstream from sampling
Monitor noted frozen on banks
Monitor noted sample collected at same coordinates but tossed bucket from bridge due to high water/ after measurable rain event 12.24-25 of 2.2"-flush and snow melt/more sediment in water than on 12.21.2020
Monitor noted frozen on banks/beaver activity

Monitor noted measurable snow on 12/16/2020 currently experiencing snow melt off causing high flows/living grass in water/mud and sand in water/active beaver
Monitor noted sample collected wading into stream-lost bucket/too dangerous to collect DO, pH, conductivity/drizzle-mist currently at site/heavy silt and sediment loading/beaver activity in area/deer tracks/raccoon tracks/
Monitor noted sand in water/moth spores/tributary upstream on river right/high erosion evidence
Monitor noted frozen-ice on banks/vole burrowing activity
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt

Monitor noted additional rain in past 48 hours
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/Deer tracks
Monitor noted decaying aquatic vegetation in water/moss and grass in water/deer tracks/snow melt
Duplicate H2O sample collected in the field

Monitor noted ice on banks
Monitor noted ice on banks
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/heavy silt and sediment loading
Monitor noted heavy sediment loading

Monitor noted snow melt/deer tracks
Monitor noted snow melt/sewage and skunk odors
Monitor noted water is slightly turbid-muddy/ice on-along banks/raccoon tracks/deer tracks
Monitor noted drizzle-mist at site/deer tracks
Duplicate H2O sample collected in the field/monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/deer tracks
Monitor noted new site ID assigned-this H2O sample was collected downstream of USGS gauge/after measurable rain event 12.24-25 of 2.2"-flush and snow melt/deer tracks

Monitor noted snow melt/water is slimy/no WTW readings-to dangerous
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/color of water slightly turbid-muddy/heavy silt and sediment loading/clam shells
Duplicate H2O sample collected in the field
Monitor noted feed droppings/ice on bank/invertebrates in water/clamshells
Monitor noted color of water minute turbid-muddy
Monitor noted aquatic vegetation decay in water/ice on bank and in stream along banks/deer tracks

Monitor noted drizzle-mist currently at site
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt
Monitor noted drizzle-mist currently at site
Monitor noted snow melt/water level recently high/vultures
Monitor noted glass in water/poor management of water/lots of man made litter on banks

Monitor noted deer tracks
Monitor noted snow melt/ongoing new construction
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/water slightly turbid-muddy
Monitor noted drizzle-mist currently at site

Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/raccoon tracks
Monitor noted snow melt/unable to see stream bed-turbidity-discoloration
Monitor noted orange floating in creek/large catch of natural debris caught on bridge pylon
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/water slightly turbid-muddy/lots of man made litter on banks/squirrel

Monitor noted snow melt/grass in water/decomposition in water/moss on bank
Monitor noted snow melt
Monitor noted after measurable rain event 12.24-25 of 2.2"-flush and snow melt/ice on water surface/other birds in water
Monitor noted unable to collect sample with out disturbing stream bed and causing turbidity/had to break ice to access water/deer tracks

Monitor noted drizzle-mist currently at site/construction of new Loudon United Stadium/odor of petroleum
Monitor noted moss
Site ID used at time of collection: TUSHiwayMHC for Tributary Upstream Site Hiway Mobile Home Community WWTF discharge pipe/ Monitor noted evidence of recent rain-high flow/color of water clear with minute staining/surveying-marking for installment of wetland area-some land clearing/cicadas/dead cicadas in H2O
Monitor noted minute suspended solids

Site ID used at time of collection: EHiwayMHCWWTP for Effluent Hiway Mobile Home Community WWTF discharge pipe/ Monitor noted evidence of recent rain/discharge from pipe/effluent flows into stream/cicadas/appears person performing maintenance-checking at the Hiway Mobile Home Community WWTP
Monitor noted sample is turbid-muddy/silt and sediment in stream/odor of chlorine
Site ID used at time of collection: TDSHiwayMHC for Tributary Downstream Site Hiway Mobile Home Community WWTF discharge pipe/ Monitor noted evidence of recent rain-high flow/color of water has brownish discoloration/surveying-marking for installment of wetland area-some land clearing/cicadas
Monitor noted color of water clear with suspended particles
Monitor noted chlorine odor

Monitor noted .50" of rain in last 48 hours
Monitor noted tree branches down/debris/natural flood debris in water/new construction at water treatment plant/lots of silt, sand and sediment deposited on banks
Monitor noted 1.25" of rain in last 48 hours
Monitor noted 1.25" rain on 8/8/2018
Monitor noted possible recent rain showers/brown-decaying algae-SUV/sediment/runoff from construction/drainage from holding tank draining into creek upstream of site
Monitor noted steady rain in last 48 hours-.15"
Monitor noted .95"inches of rain in last 48 hours

Monitor noted intermittent rain in the last 48 hours-.30"
Monitor noted heavy rain at site and thunderstorm on 08.11.2021 with 1.8 inches of rain in the last 48 hours
Monitor noted 1.1" rain Wednesday night
Monitor noted .50" of rain in last 48 hours
Odor/living insect in sample

Monitor noted natural flood debris in water/snails/hatching of aquatic insects/john boat stuck at bridge/fisherman fishing from bridge
Monitor noted 1.25" of rain in last 48 hours
Monitor noted 1.25" rain on 8/8/2018
Monitor noted possible recent rain showers/flood debris/piled up branches and construction materials with no ES fencing in field
Monitor noted steady rain in last 48 hours-.15"
Monitor noted .95"inches of rain in last 48 hours

Monitor noted intermittent rain in the last 48 hours-.30"
Monitor noted heavy rain at site and thunderstorm on 08.11.2021 with 1.8 inches of rain in the last 48 hours

Monitor noted 1.1" rain Wednesday night
Monitor noted three mallards-two male and one female at sample site
Monitor noted 1/4" of snow on 1/25/2018
Monitor noted lots of pollen on water surface/one dead fish on bottom of stream/snake on bank-unknown type
Monitor noted very light ground cover of snow
Sample contained algae

Monitor noted cows 15 yards from waters edge
Monitor noted a steady rain during the last 12 hours
Monitor noted sample is crystal clear
H2O sample not collected-flooded banks, swift moving water-could not access monitoring site
Monitor noted ice-light

Monitor noted a few leaves
Monitor noted air temperature was taken in direct sun/large turtle-not a snapping
Monitor noted heron
Monitor noted river open, ice along banks

Monitor noted water up to bottom of bridge

Monitor noted water level slightly above normal
Monitor noted water level slightly higher than normal
Monitor noted water level is slightly above normal

Monitor noted bank construction for park parking lot
Monitor noted scattered thunder storms/new construction for boat ramp and parking lot for park
Monitor noted park launch and parking lot completed
Monitor noted three mergansers
Monitor noted water higher than normal/flow about normal/water color is slightly turbid/water is not significantly higher or more turbid than usual

Monitor noted water is slightly turbid
Monitor noted afternoon thunderstorm-light rain

Monitor noted no algae apparent at site
Monitor noted woodchuck
Monitor noted river open, ice only along banks

Sample became frothy when shaken
Monitor noted tree seeds
Monitor noted no rain for several days, but river still up from rain June 1-3
Monitor noted chunks of white foam floating downstream

Monitor noted cicadas
Monitor did not record H2O temperature/monitor noted water level slightly above normal
Monitor noted water level slightly higher than normal

Monitor noted water level slightly above normal/duck with ducklings
Monitor noted high water near flooding bridge/water is turbid with debris
Monitor noted .3" rain from thunderstorm
Monitor noted scattered thunderstorms

Monitor noted 1.8" last night-water high and very turbid
Monitor D. timer noted that the water temperature was +4 degrees
Monitor noted water high due to snow melt

Monitor noted water is slightly turbid
Monitor noted afternoon thunderstorm-light rain
Monitor noted some small clumps of algae

Monitor noted very light ground cover of snow/green algae on rocks
Monitor noted white ducks/the white ducks were bought there by home owners
Monitor noted algae bloom-never in three years has seen this
Monitor noted color oil sheen-small spot same spot five months ago/domestic ducks
Monitor noted white ducks
H2O sample not collected-757 bridge flooded-could not cross to get to monitoring site
Monitor noted white ducks
Monitor noted cats
Monitor noted cats
Monitor noted ice-light
Monitor noted mallards ducks-3males and 2females
Monitor noted cats/grass cut along banks
Monitor noted grass clippings in water
Monitor noted cats
Monitor noted light snow in last 48 hours

Monitor noted water level higher than normal but not flooded/lots of fishing
Monitor noted water level above normal/many trees cut down
Monitor noted black snails/cattle in stream 1/2 miles upstream
Monitor noted stones net/caddis larvae/dragon fly larvae/black snails
H2O sample not collected-stream out of banks-flooded
Monitor noted H2O temperature not recorded due to broken thermometer
Monitor noted no H2O temperature due to broken thermometer
Monitor note no H2O temperature due to broken thermometer
Monitor noted slightly turbid water
Monitor noted water slightly turbid/dragonfly and caddisfly larvae
Monitor noted caddis fly larvae

Monitor noted water is slightly turbid-muddy
Monitor noted color of water slightly turbid-muddy
Monitor noted used tossing bucket from shore method
Monitor noted brown algae/small black snails
Monitor noted stone caddisfly larvae/dragon fly larvae/black snails
Monitor noted small snails/no air or water temperature-did not have a certified thermometer available
Monitor noted black snails/water temperature not recorded by monitor
Monitor noted black snails

Monitor noted weed killer in river being applied on bridge
Monitor noted dead crayfish
Monitor noted rain during collection
Monitor noted ice on edges

Monitor noted water level higher volume than normal but not bank full/major erosion/dead fish from flooding/major flooding along this section of cedar creek
H2O sample not collected-flooding at site
Monitor noted water level normal to high
Monitor noted water level is normal to high

Monitor noted light flurries
Monitor noted 6" of rain Saturday in fort valley

Monitor noted momma and bear cub
Monitor noted snow melt

Sample used to make matrix spike set

Monitor noted very light ground cover of snow/green algae on river bottom
Monitor noted sample water is crystal clear
H2O sample not collected-flooded banks-swift moving water-could not access monitoring site

Monitor noted great blue heron
Monitor noted we may need to consider moving sample site downstream 30 yards, flood debris is affecting access more and water flow
Monitor noted ice-light
Monitor noted new low flow spring
Monitor noted air temperature taken in the shade/another large turtle-same colors
Monitor noted five ducks
Monitor note great blue heron

Monitor noted rain within last 12 hours/partly frozen along bank/stick and branches in river/sewage odor/bridge construction
Monitor noted probably not precipitation in last 48 hours/ice along bank/bridge construction
Monitor noted possible drizzle or passing shower in last 48 hours/termites-lots in a swarm/adjacent RV campground completely vacated
Monitor noted steady rain this morning and last 24 hours-heavy at times/water level normal to high for this time of year/snake at site/as previously noted campground closed
H2O sample not collected-unable to access site-flood stage/rain currently and within last 24 hours at site/flood debris/bridge construction
Monitor noted possible recent rain showers/brown-decaying algae-SUV/tree down at site/bridge work completed all equipment removed/unstable bank
Monitor noted color of water very minute brown stain with minute particles/unable to see streambed/lots of small debris floating by/some large branches-logs in steam/squirrel/woodpecker/level of water is normal to high after rain-snow event over the past 48 hours/adults and kids out on walking trail and playground/people walking dogs on path-dog waste not being picked up
Monitor noted water color is stained brown slightly/turbid/suspended particles/lots of small debris in water/water is flowing downstream/lots of natural debris-sticks flowing downstream

Monitor noted unable to see river bed/trees cut down
Monitor noted heavy brown stain/suspended particles/litter floating down stream/lot of small natural debris-twigs in water/heavy silt-sand-sediment loading/unable to see creek bed/lots of small fish/hatch of surface aquatic insects/man kayaking-fishing/lot of branches and limbs in water
Monitor noted sample collected off dock using grab pole/water turbid-muddy with suspended particles/squirrel/pH probe slightly mor elevated than DO probe-closer to the surface
Monitor note water clear with suspended particles/squirrel/kingfisher/animal waste on dock/movement of H2O into the Potomac
Monitor noted continuation of erosion/partly sunny and calm
Monitor noted color of water has minute brown stain with minute suspended particles/heavy silt-sand-sediment loading/butterflies
Kephart Bridge Landing officially renamed to Riverpoint Drive Trailhead/Monitor noted color of water slight turbid-muddy/slight brown stain/suspended particles/heavy silt-sediment-sand loading/muddy/unable to see stream bed/murky/surrounding land area extremely muddy/muddier than last visit/man fishing

Monitor noted fish/litter-chair in water/water sheen deep/boulders in water/pollen on water/green algae/brown algae/water has slight brown stain-turbid
Monitor noted suspended particles/heavy silt-sediment-sand loading/unable to see streambed/skunk odor/banks and walking path extremely muddy/Great Blue Heron/several squirrels
Monitor noted water turbid/people tubing, kayaking, playing in the creek, upstream, downstream and at site
Monitor noted heavy rain-steady rain-thunderstorm while at site/stream flashing because of heavy rain from thunderstorm/lizard/butterflies/possibility that discharge from pipe has been diluted before reaching pigeon hollow
Monitor noted heavy rain in the last 72 hours/suspended particles/few bubbles/water has iron color/decomp/could hear ducks/butterflies
Monitor noted rain for around twenty minutes on Wednesday/butterflies/lots of aquatic surface insects/iron color to water

Monitor noted rain on Sunday/lots of leaves/lots of silt and sediment/very little green algae/leaf litter on banks
Monitor noted snow shower/copper coloring/rocks are slippery/snow on banks/hawk and eagle/deer scat on bank/can see run off from pipe into pigeon hollow/run off from bank also into pigeon hollow
Monitor noted rain in the last 24 hours/fog has lifted from this morning/moss/iron-copper color to stream bed/lots of run off/met a gentleman on the walking path and told about the study-project
Pigeon Hollow below terracotta pipe discharge, adjacent to kiosk tributary flowing off western slop of the Blue Ridge
Monitor noted water has a slippery scum/gnats
Monitor noted heavy rain and drizzle occurring while at site/steam flashing caused by current heavy rain from thunderstorm/silt and sediment loading/butterflies

Monitor noted heavy rain and drizzle occurring while at site/steam flashing caused by current heavy rain from thunderstorm/silt and sediment loading/butterflies
Monitor noted heavy rain in the last 72 hours/decomp/site slime on top water/lots of fish/dead and living crayfish/butterflies/toad/moth/several adults and kids walking along path-trails
Monitor noted heavy rain in the last 72 hours/decomp/site slime on top water/lots of fish/dead and living crayfish/butterflies/toad/moth/several adults and kids walking along path-trails
Monitor noted rain for around twenty minutes on Wednesday/pooled area is at the same water level but the flow area is very low/small amount of green algae/deep pool full but at stream bed level/butterflies
Monitor noted rain for around twenty minutes on Wednesday/pooled area is at the same water level but the flow area is very low/small amount of green algae/deep pool full but at stream bed level/butterflies
Monitor noted rain on Sunday/poop on leaves in water/small skull in water likely from a bird/leaf litter on banks lots of fish-minnows
Monitor noted rain on Sunday/poop on leaves in water/small skull in water likely from a bird/leaf litter on banks lots of fish-minnows
Monitor noted snow showers/snow and ice in water and along edges/snow on banks/lots of leaves/hawk and eagle
Monitor noted snow showers/snow and ice in water and along edges/snow on banks/lots of leaves/hawk and eagle

Monitor noted rain in the last 24 hours/fog has lifted from this morning/smells like something burning/spoke with a lady walking dog about the study-project
Monitor noted rain in the last 24 hours/fog has lifted from this morning/smells like something burning/spoke with a lady walking dog about the study-project
Pigeon Hollow below parking area, adjacent to kiosk tributary flowing off western slop of the Blue Ridge
Pigeon Hollow below parking area, adjacent to kiosk tributary flowing off western slop of the Blue Ridge
Monitor noted two snakes
Monitor noted two snakes

Sample site location: SU Cool Spring Campus Pigeon Hollow Tributary: tributary, that appears to be a spring type discharge, percolating out of terracotta pipe feeding into Pigeon Hollow between picnic area and pond
Monitor noted people in lawn chairs bird watching around pond
Monitor noted 1/4" of snow on 1/25/2018/low water exposes sand bar in stream
Monitor noted great blue heron/the exposed sand bar documented two weeks ago is now submerged-still low but not very low.
Monitor noted overcast/sand bar at bridge was exposed again
Monitor did not record water temperature
Monitor noted very slow current-not steady/water is cloudy with pollen and seed pods/frog and brown snake on bank
Monitor: F. Hovermale noted pigeons, other birds, and black diving ducks/ 2 car tires and blanket in river

Monitor noted water has very slight greenish stain/very little white foam/Canada geese and mallards
Monitor note pigeons
Monitor noted scattered light snow and rain/water slowly flowing/pigeons/Canada geese
Monitor noted pigeons and other birds
Monitor noted pigeons, barn swallows and other birds
Monitor noted thunder storms in last 48 hours/leaves on trees/pigeons and other birds
Monitor noted big tree fell into water along bank/big tree that was in river is gone/pigeons/crows/other birds
Monitor noted flooded way out of banks/logs flowing down
Monitor noted water slowly flowing/a lot of white foam/paving road on both sides of bridge/pigeons/a big large mouth came over and nudged my sample bucket
Monitor noted new tire in river/pigeons, crows, and blue heron/carp
Monitor noted pigeons
Monitor noted pigeons
Monitor noted pigeons
Monitor noted pigeons, crows and other birds
Monitor noted pigeons and other birds/water is flowing slowly
Monitor noted pigeons and other birds

Monitor noted very little white foam/pigeons/squirrel
Monitor noted cat
Monitor noted pigeons
Monitor noted several recently fallen trees, lots of wind damage to trees/pigeons and other birds
Monitor noted Pigeons and other birds
Monitor noted pigeons
Monitor noted new fallen tree in river/pigeons, kingfishers and other birds
Monitor noted water moving very slowly/three new trees in water/pigeons/snapping turtle
Monitor noted water slowly flowing/pigeons and other birds
Monitor noted water flowing very slowly/pigeons, crows and other birds
Monitor noted a few leaves/blue heron and other birds
Monitor noted crows and pigeons
Monitor noted pigeons and other birds
Monitor noted thunderstorms at site in past 48 hours/pigeons

Monitor noted water is slowly flowing/pigeons/painted turtle
Monitor noted water flowing very slowly
Monitor noted water is flowing very slowly
Monitor noted water flowing slowly
Monitor noted pigeons
Monitor noted pigeons and other birds
Monitor noted water is flowing slowly/pigeons and other birds
Monitor noted lots of white foam/water is barley moving/pigeons
Monitor noted thunderstorm on 08.11.2021/water flow is barely moving/tree limbs in water/blue heron/painted turtle/carp
Monitor noted to dark to note color of water/ice and snow on banks
Monitor noted ice along edges/to dark out to note color of water
Monitor noted water has slight greenish tinge/lots of white foam/first visit to this site in six months/Canada geese and white farm geese

Monitor noted not as much white foam as normal/strange musky odor on bridge
Monitor noted huge dead tree down in river/Canadian geese
Monitor noted flooding five days ago at site/dead snake on bridge right where I get sample
Monitor noted flooded way out of banks
Monitor noted mosquitoes on bridge
Monitor noted blue heron and swallows
Monitor noted dark outside making color of water hard to see
Monitor noted dark outside making it hard to see water color
Monitor noted hard to see color of water because still dark outside/no scum or white bubbles for a change

Monitor noted lots of song birds
Monitor noted green algae along water edges
Monitor noted lots of white chicken feathers in water
Monitor noted lots of leaves on banks/pigeons
Monitor noted to dark to read thermometer/dark outside-unsure of water color/more trees in water
Monitor noted color of water hard to see-still dark
Monitor noted there are two dead Canadian geese on side of road by bridge with blood on them-possibly shot
Monitor noted pigeons
Monitor noted heron
Monitor noted only took one bucket full almost lost it/appearance of water is muddy
Monitor noted small shower in the last 48 hours/water is calm-most calm have seen for awhile/duck feathers on banks
Monitor noted green algae in water at edges/pigeons/mosquitoes on the bridge
Monitor noted very foggy

Monitor noted flag hanging over river
Monitor D. Pettigrew noted that water temperature was ≤ 0.0
Monitor noted snow on edges
Monitor noted someone has added steps along bank
Monitor noted calmest I have ever seen it
Monitor noted kingfisher
Monitor noted intermittent and heavy rain at site during the last 48 hours/kingfisher
Monitor noted water color grey-black-dark unable to see well
Monitor noted to dark out to see color of water/dark and foggy when collected sample
Monitor noted too dark to make observations
Monitor noted water is very slowly flowing/too dark to see water color/feathers?/songbirds
Monitor noted to dark to make observations about water color/first time no white foam or bubbles
Monitor noted kingfisher
Monitor noted heavy rain night before collection/man made litter on banks and in trees
Monitor noted man made litter on banks in trees/trash on bridge/songbirds

Monitor noted white chicken feathers on banks
Monitor noted H2O sample not collected-due to fog-felt unsafe to access bridge with no sidewalk in fog