

Leesville Lake

2006 Assessment Data Window - 2000 thru 2004

Instantaneous WQS Criteria:

FECAL COLIFORM
400 cfu/100 ml

E. COLI
235 cfu/100 ml

Water Shed	Station ID	Location	Collection Date Time	Do Probe	Temp °C	Field Ph	Conductivity	Secchi Depth	Fecal Coliform Value	Fecal Coliform Comment	E. Coli Value	E. Coli Comment
VAW-L13L	4AROA140.66	Leesville Dam	4/10/2000 11:00	10.6	12.5	6.6	128		100	U		
VAW-L13L	4AROA140.66		5/22/2000 11:00		23.6	8.8			100			
VAW-L13L	4AROA140.66		6/21/2000 12:00	5.5	26.6	8.7	168		100	U		
VAW-L13L	4AROA140.66		8/10/2000 11:00	10	28.5	9.3	177		100	U		
VAW-L13L	4AROA140.66		5/10/2001 11:00	8.04	19.9	7.5	160		100	U		
VAW-L13L	4AROA140.66		6/21/2001 11:00	8.4	27.7	8.1	164		100			
VAW-L13L	4AROA140.66		7/10/2001 12:00	9.1	27.7	7.7	173	2.1	100	U		
VAW-L13L	4AROA140.66		8/15/2001 11:00	8.6	27.2	8.3	182	2.1	100	U		
VAW-L13L	4AROA140.66		9/13/2001 11:00	7	25	7.75	190	2.5	100	U		
VAW-L13L	4AROA140.66		10/2/2001 12:00	7	21.4	8.1	190	1.5	100	U		
VAW-L13L	4AROA140.66		4/14/2003 11:00	10.55	11.1	7.4		0.2			875	
VAW-L13L	4AROA140.66		5/28/2003 11:00	9.9	17.8	8.7	177	1.5			25	U
VAW-L13L	4AROA140.66		6/12/2003 10:30	9.3	23	8.3	143	0.5			25	U
VAW-L13L	4AROA140.66		8/5/2003 12:00	9.6	25.8	8.1	244	2			25	U
VAW-L13L	4AROA140.66		9/10/2003 12:00	4.4	23.2	8.7	243	2			25	
End 2006 Assessment												
VAW-L13L	4AROA140.66		4/20/2006 11:30	10.3	17.9	8.1	380	2			25	U
VAW-L13L	4AROA140.66		5/24/2006 10:30	9.2	19.2	8.3	369	2.7			25	U
VAW-L13L	4AROA140.66		6/19/2006 11:00	9.4	24.7	8.5	418	2.5			25	U
VAW-L13L	4AROA140.66		7/11/2006 11:30	9.2	26.2	8.3	452	1.6			25	U

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E. COLI
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Water Shed	Station ID	Location	Collection Date Time	Do Probe	Temp °C	Field Ph	Conductivity	Secchi Depth	Fecal Coliform Value	Fecal Coliform Comment	E. Coli Value	E. Coli Comment
VAW-L13L	4AROA145.34	Bed./Camp. Line	4/10/2000 12:00	10.9	11.5	7.4	132		100	U		
VAW-L13L	4AROA145.34		5/22/2000 12:00		22.7	8.5			100	U		
VAW-L13L	4AROA145.34		6/21/2000 13:00	5.4	26.3	8.6	169		600			
VAW-L13L	4AROA145.34		5/10/2001 12:00	7.07	20.2	7.5	166		100	U		
VAW-L13L	4AROA145.34		6/21/2001 12:00	8.9	26.1	7.9	170		100	U		
VAW-L13L	4AROA145.34		7/10/2001 13:00	9.5	27.5	7.9	178	2.1	100	U		
VAW-L13L	4AROA145.34		8/15/2001 12:00	8.35	27.4	8	182	2	100	U		
VAW-L13L	4AROA145.34		9/13/2001 12:00	8.1	24.8	7.7	190	2.1	100	U		
VAW-L13L	4AROA145.34		10/2/2001 13:00	7.1	21.3	7.4	190	0.5	100	U		
VAW-L13L	4AROA145.34		4/14/2003 12:00	10.9	9.92	7.16	180	0.5			375	
VAW-L13L	4AROA145.34		5/28/2003 12:00	9.25	15.8	8	144	0.3			500	
VAW-L13L	4AROA145.34		6/12/2003 11:30	8.6	19.3	7.7	158	0.4			25	U
VAW-L13L	4AROA145.34		8/5/2003 12:30	9	25.4	7.6	247	1.5			25	U
VAW-L13L	4AROA145.34		9/10/2003 12:30	7.1	25.5	7.9	241	1.5			25	U
End 2006 Assessment												
VAW-L13L	4AROA145.34		4/20/2006 12:30	10.5	16.6	8.2	385	1.6			25	U
VAW-L13L	4AROA145.34		5/24/2006 11:00	9.5	18.5	8.2	376	2			25	U
VAW-L13L	4AROA145.34		6/19/2006 12:00	9.8	24.2	8.6	425	1.9			25	U
VAW-L13L	4AROA145.34		7/11/2006 12:00	10	24.9	8	458	1.6			25	U

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Water Shed	Station ID	Location	Collection Date	Time	Do Probe	Temp °C	Field Ph	Conductivity	Secchi Depth	Fecal Coliform Value	Fecal Coliform Comment	E. Coli Value	E. Coli Comment
VAW-L13L	4AROA153.59	Conflu. Pigg R.	5/22/2000	13:00		17.7	8			100			
VAW-L13L	4AROA153.59		6/21/2000	14:00	3.98	19.5	7.6	152		100	U		
VAW-L13L	4AROA153.59		5/10/2001	13:00	7.3	17.3	7.4	160		100	U		
VAW-L13L	4AROA153.59		6/21/2001	13:00	8.2	22	7.5			100	U		
VAW-L13L	4AROA153.59		7/10/2001	14:00	8.5	23.1	7.8	177	0.5	100	U		
VAW-L13L	4AROA153.59		8/15/2001	13:00	7.5	25.2	8	187	0.8	100	U		
VAW-L13L	4AROA153.59		9/13/2001	13:00	6.3	22.8	7.5	192	1	100			
VAW-L13L	4AROA153.59		10/2/2001	14:00	6.2	20.2	7.6	195	0.5	100	U		
VAW-L13L	4AROA153.59		4/14/2003	13:00	10.74	9.7	7.56	186	1.1			375	
VAW-L13L	4AROA153.59		5/28/2003	13:00	9.4	13.8	8.1	179	0.2			450	
VAW-L13L	4AROA153.59		6/12/2003	12:00	8.5	15.4	7.5	176	0.6			25	U
VAW-L13L	4AROA153.59		8/5/2003	13:30	6.4	21.5	7.7	231	0.4			50	
VAW-L13L	4AROA153.59		9/10/2003	13:00	5.2	20.9	7.7	248	1.1			25	U
End 2006 Assessment													
VAW-L13L	4AROA153.59		4/20/2006	13:00	10.4	12	8.1	413	2.2			25	U
VAW-L13L	4AROA153.59		5/24/2006	12:00	9.2	16.4	8.2	375	1.5			25	U
VAW-L13L	4AROA153.59		6/19/2006	12:30	9.7	21.9	8.2	414	0.8			25	U
VAW-L13L	4AROA153.59		7/11/2006	12:30	8.6	22.2	7.7	471	0.75			25	

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Water Shed	Station ID	Location	Collection Date Time	Do Probe	Temp °C	Field Ph	Conductivity	Secchi Depth	Value	Comment	Value	Comment
VAW-L18R	4APGG003.29	Rt. 605 Bridge	2/10/00 12:00	11	3.5	7.2	40		100			
VAW-L18R	4APGG003.29		4/6/00 13:30	9.4	14.4	6.5	54		100			
VAW-L18R	4APGG003.29		6/20/00 13:00	7.1	25	7.6	76		200			
VAW-L18R	4APGG003.29		8/10/00 11:25	6.8	25.4	7.67	85		8000	L		
VAW-L18R	4APGG003.29		10/10/00 11:00	9.2	10.5	7.53	68		500			
VAW-L18R	4APGG003.29		12/14/00 12:30	12.3	4.4	7.7	50		100	U		
VAW-L18R	4APGG003.29		2/5/01 11:30	12.3	4.5	8.5	50		100	U		
VAW-L18R	4APGG003.29		4/9/01 14:00	7.9	20.7	8.07	70		100			
VAW-L18R	4APGG003.29		6/19/01 11:20	7.03	24.3	7.4	81		100	U		
VAW-L18R	4APGG003.29		8/11/03 13:45	7.61	23.19	6.77	37.19		9200		800	L
VAW-L18R	4APGG003.29		10/30/03 13:50	9.6	11.67	6.86	74.43		1300		620	
VAW-L18R	4APGG003.29		12/16/03 13:30	12.2	7.4	7.2	68		1300		300	
VAW-L18R	4APGG003.29		2/4/04 12:15	10.87	3.54	6.68	64.9				200	
VAW-L18R	4APGG003.29		4/20/04 13:25	8.53	20.54	6.63	69.16				50	
VAW-L18R	4APGG003.29		6/16/04 14:10	8.64	24.3	7.24	86.9				400	
VAW-L18R	4APGG003.29		7/20/04 12:00						500		150	
VAW-L18R	4APGG003.29		8/31/04 13:50	7.23	24.16	6.91	86.6					
VAW-L18R	4APGG003.29		9/22/04 14:40						230		130	
VAW-L18R	4APGG003.29		10/25/04 14:05	10.13	14.8	6.75	70					
VAW-L18R	4APGG003.29		11/23/04 11:00						3600		860	
VAW-L18R	4APGG003.29		12/27/04 15:00	12.06	1.91	7.34	43.47					
<i>End 2006 Assessment</i>												
VAW-L18R	4APGG003.29		1/31/05 12:15						170		166	
VAW-L18R	4APGG003.29		2/16/05 14:05	11.22	9.11	6.98	52.15					
VAW-L18R	4APGG003.29		3/29/05 12:50						2815		930	
VAW-L18R	4APGG003.29		4/27/05 15:30	9.13	14.79	7.64	62.43					
VAW-L18R	4APGG003.29		5/24/05 13:15						30		36	
VAW-L18R	4APGG003.29		6/28/05 14:50	6.8	24.9	7.3	82.1					
VAW-L18R	4APGG003.29		8/3/05 11:00	8.5	24	7.6	66		380		200	
VAW-L18R	4APGG003.29		10/11/05 11:00	7.8	18.1	7.5	69		420		650	
VAW-L18R	4APGG003.29		12/7/05 10:00	12.7	3.9	6.7	67		780		1200	
VAW-L18R	4APGG003.29		2/16/06 10:30	14.9	5.5	7.7	63		25	U	25	U
VAW-L18R	4APGG003.29		4/4/06 11:30	8.4	15.5	7.6	71		100		150	
VAW-L18R	4APGG003.29		6/6/06 10:00	6.9	19	7.9	78		75		120	

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Water Shed	Station ID	Location	Collection Date Time	Do Probe	Temp °C	Field Ph	Conductivity	Secchi Depth	FECAL COLIFORM		E. COLI	
									Value	Comment	Value	Comment
VAW-L18R	4APGG008.87	Rt. 40 @ Gage	8/11/2003 13:00	7.86	21.46	6.79	38.61	9200		800		L
VAW-L18R	4APGG008.87		10/30/2003 13:30	10.38	11.57	6.86	73.9	790		720		
VAW-L18R	4APGG008.87		12/16/2003 12:30	12.6	5.9	7.3	72	5400		800		L
VAW-L18R	4APGG008.87		2/4/2004 13:10	11.52	3.9	6.47	78.2			600		
VAW-L18R	4APGG008.87		4/20/2004 13:00	10.24	19.4	5.9	68.4			25		U
VAW-L18R	4APGG008.87		6/16/2004 13:15	8.54	22.9	7.34	90.6			500		
VAW-L18R	4APGG008.87		8/31/2004 13:20	8.57	23.12	7.08	85.03	100		100		
VAW-L18R	4APGG008.87		10/25/2004 13:40	9.56	14.7	6.5	68.7	75		50		
VAW-L18R	4APGG008.87		12/27/2004 14:10	11.98	1.75	7.15	43.92	25		50		
End 2006 Assessment												
VAW-L18R	4APGG008.87		2/16/2005 13:30	10.92	8.89	7.06	52.21	25		25		
VAW-L18R	4APGG008.87		4/27/2005 15:00	10.62	15.03	7.85	61.91	50		25		
VAW-L18R	4APGG008.87		6/28/2005 14:00	7.6	23.4	7.4	72.5	2000		1900		
VAW-L18R	4APGG008.87		8/3/2005 11:30	8.3	23.5	7.6	67	420		280		
VAW-L18R	4APGG008.87		10/11/2005 11:30	7.6	18.1	7.6	69	780		700		
VAW-L18R	4APGG008.87		12/7/2005 10:30	13.4	3.4	6.8	67	200		550		
VAW-L18R	4APGG008.87		2/16/2006 11:00	14.1	5.9	7.7	64	25	U	25		
VAW-L18R	4APGG008.87		4/4/2006 12:00	9	15.6	7.7	71	25		25		
VAW-L18R	4APGG008.87		6/6/2006 10:30	7.3	19.2	7.9	74	25		75		
End 2006 Assessment												
VAW-L18R	4APGG016.06	Rt. 626 Bridge	8/11/2003 11:30	8.02	21.55	7.05	40.88	16000		800		L
VAW-L18R	4APGG016.06		10/30/2003 12:35	9.72	11.57	6.76	77.8	2400		400		
VAW-L18R	4APGG016.06		12/16/2003 14:30	12	7.8	7.3	80	2800		800		L
VAW-L18R	4APGG016.06		2/4/2004 13:45	10.89	5.26	6.34	94.6			480		
VAW-L18R	4APGG016.06		4/20/2004 12:05	9.34	19.09	6.88	70			25		U
VAW-L18R	4APGG016.06		6/16/2004 12:15	8.95	22.6	7.2	91.9			2000		L
VAW-L18R	4APGG016.06		8/31/2004 12:20	7.91	22.85	7.08	88.28	200		200		
VAW-L18R	4APGG016.06		10/25/2004 12:50	9.64	14.6	6.78	69.2	50		150		
VAW-L18R	4APGG016.06		12/27/2004 13:35	11.95	1.98	7.23	43.8	150		100		
End 2006 Assessment												
VAW-L18R	4APGG016.06		2/16/2005 12:50	10.57	8.86	7.13	52.98	25	U	25		
VAW-L18R	4APGG016.06		4/27/2005 14:00	10.06	15.2	7.87	62.92	120		100		
VAW-L18R	4APGG016.06		6/28/2005 12:45	7.4	22.9	7.4	74.4	1700		1800		
VAW-L18R	4APGG016.06		8/3/2005 13:00	8.1	24	7.6	69	300		300		
VAW-L18R	4APGG016.06		10/11/2005 13:00	7.3	18	7.3	74	1600		2000		L
VAW-L18R	4APGG016.06		12/7/2005 12:30	13.3	3.6	7	77	50		400		
VAW-L18R	4APGG016.06		2/16/2006 12:30	13	6.7	7.5	63	25	U	25		U
VAW-L18R	4APGG016.06		4/4/2006 13:30	8.8	16.2	7.6	71	25	U	50		
VAW-L18R	4APGG016.06		6/6/2006 12:00	7.3	18.2	7.8	73	120		120		

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									Value	Comment	Value	Comment
VAW-L13R	4AOWC002.35	Rt. 756 Bridge	7/20/2004 12:30						420		230	
VAW-L13R	4AOWC002.35		8/31/2004 15:40	8.6	21.5	6.82	42.78					
VAW-L13R	4AOWC002.35		9/22/2004 15:10						330		270	
VAW-L13R	4AOWC002.35		10/25/2004 14:50	9.26	15.7	6.15	42.5					
VAW-L13R	4AOWC002.35		11/23/2004 10:00						6900		720	
VAW-L13R	4AOWC002.35		12/27/2004 15:40	11.64	3.45	6.83	25.88					
<i>End 2006 Assessment</i>												
VAW-L13R	4AOWC002.35		1/31/2005 12:50						30		54	
VAW-L13R	4AOWC002.35		2/16/2005 15:10	10.53	10.45	6.69	31.99					
VAW-L13R	4AOWC002.35		3/29/2005 13:30						260		261	
VAW-L13R	4AOWC002.35		4/27/2005 16:30	9.6	16.48	7.49	35.24					
VAW-L13R	4AOWC002.35		5/24/2005 13:45						140		328	
VAW-L13R	4AOWC002.35		6/28/2005 15:45	8.1	22	7.5	45.7					
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VAW-L13R	4AOWC005.36	Rt. 760 Bridge	2/8/2000 10:00	13	3.5	6.6	17		100	U		
VAW-L13R	4AOWC005.36		6/19/2000 10:00	7.7	21	7.3	33		100	U		
VAW-L13R	4AOWC005.36		8/3/2000 12:45	8.6	20.6	7.15	27		100	U		
VAW-L13R	4AOWC005.36		10/26/2000 11:30	8.8	14.4	7.2	29		6000			
VAW-L13R	4AOWC005.36		12/18/2000 12:30	12.2	4	7.79	23		100			
VAW-L13R	4AOWC005.36		2/14/2001 12:20	12	8.8	7.27	22		100	U		
VAW-L13R	4AOWC005.36		4/10/2001 11:35	9.28	18.7	7.41	34.1		800			
VAW-L13R	4AOWC005.36		6/11/2001 13:40	9.1	21.3	7.54	24.5		100			
VAW-L13R	4AOWC005.36		8/11/2003 14:10	9.19	20.63	6.41	17.35		170		190	
VAW-L13R	4AOWC005.36		10/30/2003 14:30	9.63	13.66	5.81	22.14		78		50	
VAW-L13R	4AOWC005.36		12/16/2003 13:00	11.2	9.4	7	19		20		10	U
VAW-L13R	4AOWC005.36		2/4/2004 11:30	10.22	6	7.07	21				320	
VAW-L13R	4AOWC005.36		4/20/2004 14:00	9.17	19.59	6.03	20.33				25	U
VAW-L13R	4AOWC005.36		6/16/2004 14:30	10.55	21.5	7.01	28.7				2000	L
VAW-L13R	4AOWC005.36		8/31/2004 15:20	8.44	21.62	6.51	31.68		480		1000	
VAW-L13R	4AOWC005.36		10/25/2004 14:35	9.36	15.8	6.32	27		180		150	
VAW-L13R	4AOWC005.36		12/27/2004 15:25	11.4	4.6	6.73	14.5		50		25	
<i>End 2006 Assessment</i>												
VAW-L13R	4AOWC005.36		2/16/2005 14:30	10.61	11.6	7.07	18.43		25	U	25	U
VAW-L13R	4AOWC005.36		4/27/2005 16:00	10.29	16.51	7.61	23.65		380		300	
VAW-L13R	4AOWC005.36		6/28/2005 15:20	8.2	21.3	7.1	32.8		2200		1600	

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E. COLI
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VAW-L18R	4ATMA001.46	Rt. 644 Bridge	8/11/2003 11:50	8.34	22.49	7.1	40.34		2400		800	L
VAW-L18R	4ATMA001.46		10/30/2003 12:55	9.27	12.87	6.79	58.1		110		30	
VAW-L18R	4ATMA001.46		12/16/2003 11:30	12.2	8.1	7.1	51		490		180	
VAW-L18R	4ATMA001.46		2/4/2004 13:30	10.37	5.33	6.18	51.3				50	
VAW-L18R	4ATMA001.46		4/20/2004 12:20	10.02	18.83	6.74	54.22				25	
VAW-L18R	4ATMA001.46		6/16/2004 11:50	9.04	22.3	7.16	75.6				680	
VAW-L18R	4ATMA001.46		8/31/2004 12:45	8.37	22.56	6.98	62.72		100		50	
VAW-L18R	4ATMA001.46		10/25/2004 13:05	9.14	15.9	6.5	53.6		100		150	
VAW-L18R	4ATMA001.46		12/27/2004 13:55	11.35	3.5	6.79	36.91		25	U	25	
End 2006 Assessment												
VAW-L18R	4ATMA001.46		2/16/2005 13:00	10.68	10.35	6.87	43.05		25		50	
VAW-L18R	4ATMA001.46		4/27/2005 14:15	9.75	16.41	7.61	51.88		25	U	25	
VAW-L18R	4ATMA001.46		6/28/2005 13:45	8.3	22.6	7.4	63.5		720		620	
VAW-L18R	4ATMA001.46		8/3/2005 12:30	8.2	24	7.6	59		320		350	
VAW-L18R	4ATMA001.46		10/11/2005 12:30	7.6	18.5	7.5	54		800		680	
VAW-L18R	4ATMA001.46		12/7/2005 11:30	12.6	5	7	53		50		100	
VAW-L18R	4ATMA001.46		2/16/2006 12:00	13.4	8.3	7.8	46		25	U	25	
VAW-L18R	4ATMA001.46		4/4/2006 13:00	8.5	15.4	7.7	54		50		50	
VAW-L18R	4ATMA001.46		6/6/2006 11:30	7.4	17.5	7.9	60		220		220	

Notes: XXXX

= Exceeds WQS Criterion.

Watersheds:

- VAW-L13L = Leesville Lake only
- VAW-L13R = Drainage to Leesville Lake
- VAW-L18R = Immediate upstream drainage (Pigg River & Tributaries)

Stream Codes:

- ROA = Roanoke River
- PGG = Pigg River
- TMA = Tomahawk Creek
- OWC = Old Womans Creek

Comment Codes:

- L = Off-scale High/Actual value not shown, Known to be greater than value shown.
- U = Material Analyzed for, but not detected. Value stored is the limit of detection.
- C = Calculated value.