		Water Quality Criteria					Piney Creek at Captina Creek		
		Aquatic Life							
Parameter	Units	Acute	Chronic	Human Health	Agriculture	Note	Count	Non-Detects	Arith Mean
Acidity	mg/L						8	8	<5.0
Alkalinity	mg/L						8	0	170.5
Aluminum	µg/L						9	9	<200
Ammonia	mg/L					m	9	9	<0.050
Arsenic	µg/L	680	150		100	l	9	7	<2.0
Barium	µg/L					k	9	0	82.67
Cadmium	µg/L	43.15387	5.56885				9	9	<0.20
Calcium	mg/L						9	0	81.89
Chloride	mg/L			250			9	0	168.26
Chromium	µg/L	22.8758	973.63886			a	9	9	<2.0
Carb. Oxy. Dem.	mg/L						9	9	<20
Conductivity	µS/cm					f	9	0	2100.67
Copper	µg/L	69.44099	22.67727	1300	500	a	9	0	7.92
Hardness, Total	mg/L						9	0	282.78
Iron	µg/L					j	9	2	123.86
Lead	µg/L	29.72067	24.11066			a	9	9	<2.0
Magnesium	mg/L						9	0	19
Manganese	µg/L						9	1	18.63
Mercury	µg/L	3.4	0.91	0.012	10		6	6	<0.20
Nickel	µg/L	31.39748	25.68559	4600	200	a,i	9	0	3.5
Nitrate+nitrite	mg/L						9	7	0.48
Nitrite	mg/L				100	d	9	9	<0.020
Potassium	mg/L						9	0	3.67
Selenium	µg/L		5.0	11000	50	h	9	4	3.5
Sodium	mg/L						9	0	420.89
Strontium	µg/L						9	0	1493.56
Sulfate	mg/L					g	8	0	553.88
Tot. Kjeld. Nit.	mg/L						9	1	0.43
Total Dissolved Solids	mg/L		1500				9	0	1385.11
Total Phosphorus	mg/L					e	9	1	0.02
Total Suspended Solids	mg/L						9	9	<5
Zinc	µg/L	75.54648	39.08523	69000	25000	a,b	9	8	16
pH	--	6.5-9.0				c			
Nitrate	mg/L								

a Aquatic life criteria are hardness based
400 mg/L was used as the hardness value for the acute criterion because
Arith mean hardness from Piney Creek at Captina Creek used for the chr

b The human health criterion is applicable to the Ohio River basin
A human health criterion is available for the main stem of the Ohio River

c Criterion applicable to Piney Creek

	Captina Creek criterion is the same with the added requirement that no p
d	A human health criterion of 10 mg/L is applicable only to the Ohio River m
e	Narrative criterion to protect against nuisance growth
f	Value of 2400 uS/cm translated from TDS WQC
g	General criterion applicable to Ohio River Main Stem of8 pci/L
h	Human health criterion of 170 ug/L applicable to Ohio River Main Stem
i	Human health criterion of 610 ug/L applicable to Ohio River Main Stem
j	A soluble-based criterion of 300 ug/L applicable to PWS intakes
k	PWS criteria are applicable (2000 ug/L)
l	Human health criterion of 50 ug/L applicable to Ohio River Main Stem
m	Ammonia aquatic life criteria are temperature and pH dependent but ins

k at Captina Creek	Pond 013 Data				CMD-2				D-10	
Maximum	Count	Non-Detects	Arith Mean	Maximum	Count	Non-Detects	Arith Mean	Maximum	Count	Non-Detects
<5.0	4	1	4.82	8.49						
193	4	0	149.1	213						
<200	4	0	503.75	1240	0	0			1	1
<0.050										
2.5	4	0	0.825	2						
117										
<0.20										
118	3	0	201.33	243						
339	4	0	194.5	262	0	0			0	0
<2.0										
<20										
3720	4	0	4238.5	5520						
18.4	4	0	6.25	11						
414	4	0	511.75	735	15	0	255.8	448	1	0
168	4	0	479	751						
<2.0										
29	3	0	28.37	34.1						
28	4	0	377.25	969						
<0.20										
4.7										
0.48										
<0.020										
6	3	0	5.64	8.78						
4.9	4	0	0.59	1.2						
800	4	0	965	1460						
2580										
978	4	0	2437.50	3320	15	0	561.47	1300	1	0
1.07										
2470	4	0	3137.5	4190	0	0			0	0
0.028	4	2	0.041	0.073						
<5	4	1	14.67	25						
16	4	0	1.5	1.5						
	4	0	7.885	8.44						
	2	1	0.09	0.09						

OEPA rules cap hardness at 400 and the hardness value from Pond 013 was >500 mg/L
onic criterion

of 9,100 ug/L

H change due to human activities
ain stem

ufficient data to derive applicable criteria

Discharge Monitoring Report Data by Station Identifie

D-10		D-12				D-2				D-9
Arith Mean	Maximum	Count	Non-Detects	Arith Mean	Maximum	Count	Non-Detects	Arith Mean	Maximum	Count
		1	1			2	0	0.23	0.3	1
		0	0			0	0			0
202	202	1	0	235	235	2	0	160	300	1
28	28	1	0	35.7	35.7	2	0	21.75	28.5	1
		0	0			0	0			0

eport Data by Station Identifier

D-9			Pond 001				Pond 002			
Non-Detects	Arith Mean	Maximum	Count	Non-Detects	Arith Mean	Maximum	Count	Non-Detects	Arith Mean	Maximum
0	1.6	1.6	0	0			0	0		
0			0	0			0	0		
0	100	100	0	0			0	0		
0	16	16	0	0			0	0		
0			33	0	1443.73	6200	3	0	202	230

Pond 008			
Count	Non-Detects	Arith Mean	Maximum
0	0		
0	0		
0	0		
0	0		
85	1	6603.67	9283

Station ID	Date Sampled	Aluminum	TDS	Sulfates	Hardness	Chloride	Source	rs	re
CMD-2	3/26/2007			117	140		009combined.pdf	3	17
CMD-2	5/24/2007			300	240		009combined.pdf	3	17
CMD-2	8/29/2007			1300	170		009combined.pdf	3	17
CMD-2	11/20/2007			750	310		008combined.pdf	3	17
CMD-2	3/13/2008			160	120		008combined.pdf	3	17
CMD-2	6/12/2008			320	250		007combined.pdf	3	17
CMD-2	7/30/2008			820	270		007combined.pdf	3	17
CMD-2	10/16/2008			469	210		004combined.pdf	3	17
CMD-2	2/19/2009			170	130		001Combined.pdf	3	17
CMD-2	8/10/2009			950	280		002combined.pdf	3	17
CMD-2	11/11/2009			642	430		002combined.pdf	3	17
CMD-2	3/5/2010			131	270		001Combined.pdf	3	17
CMD-2	4/5/2010			252	148		001Combined.pdf	3	17
CMD-2	8/4/2010			981	448		001Combined.pdf	3	17
CMD-2	11/8/2010			1060	421		001Combined.pdf	3	17
D-10	11/12/2009	<0.1		28	202		002combined.pdf	18	18
D-12	11/12/2009	<0.1		35.7	235		002combined.pdf	19	19
D-2	2/12/2009	0.16		15	20		001Combined.pdf	20	21
D-2	11/9/2009	0.3		28.5	300		002combined.pdf	20	21
D-9	2/11/2009	1.6		16	100		001Combined.pdf	22	22
Pond 001	8/11/2006		864				010combined.pdf	23	55
Pond 001	9/14/2006		1096				010combined.pdf	23	55
Pond 001	10/19/2006		312				010combined.pdf	23	55
Pond 001	11/9/2006		568				010combined.pdf	23	55
Pond 001	12/7/2006		880				010combined.pdf	23	55
Pond 001	7/19/2007		1400				009combined.pdf	23	55
Pond 001	8/23/2007		430				009combined.pdf	23	55
Pond 001	11/30/2007		510				009combined.pdf	23	55
Pond 001	12/20/2007		6200				008combined.pdf	23	55
Pond 001	2/21/2008		1400				008combined.pdf	23	55
Pond 001	3/13/2008		1400				008combined.pdf	23	55
Pond 001	5/21/2008		770				008combined.pdf	23	55
Pond 001	6/11/2008		920				008combined.pdf	23	55
Pond 001	7/2/2008		650				007combined.pdf	23	55
Pond 001	1/7/2009		330				001Combined.pdf	23	55
Pond 001	2/18/2009		1800				001Combined.pdf	23	55
Pond 001	3/26/2009		2600				001Combined.pdf	23	55
Pond 001	4/2/2009		2400				001Combined.pdf	23	55
Pond 001	5/21/2009		2040				001Combined.pdf	23	55
Pond 001	6/25/2009		4780				000Combined.pdf	23	55
Pond 001	7/16/2009		1520				001Combined.pdf	23	55
Pond 001	11/5/2009		1390				002combined.pdf	23	55
Pond 001	12/10/2009		658				003combined.pdf	23	55

Pond 001	2/4/2010	1130	001Combined.pdf	23	55
Pond 001	3/11/2010	1070	001Combined.pdf	23	55
Pond 001	4/1/2010	1680	001Combined.pdf	23	55
Pond 001	5/28/2010	1280	001Combined.pdf	23	55
Pond 001	6/18/2010	918	001Combined.pdf	23	55
Pond 001	7/2/2010	1130	001Combined.pdf	23	55
Pond 001	8/28/2010	1467	001Combined.pdf	23	55
Pond 001	12/16/2010	1020	001Combined.pdf	23	55
Pond 001	1/6/2011	1030	001Combined.pdf	23	55
Pond 001	4/10/2018	2000	008combined.pdf	23	55
Pond 002	10/19/2006	164	010combined.pdf	56	58
Pond 002	11/17/2006	212	010combined.pdf	56	58
Pond 002	3/11/2010	230	001Combined.pdf	56	58
Pond 008	8/2/2006	7360	010combined.pdf	59	143
Pond 008	8/22/2006	6092	010combined.pdf	59	143
Pond 008	10/4/2006	5796	010combined.pdf	59	143
Pond 008	10/19/2006	4824	010combined.pdf	59	143
Pond 008	11/8/2006	5912	010combined.pdf	59	143
Pond 008	12/6/2006	5652	010combined.pdf	59	143
Pond 008	12/20/2006	6628	010combined.pdf	59	143
Pond 008	7/5/2007	5800	009combined.pdf	59	143
Pond 008	7/16/2007	6200	009combined.pdf	59	143
Pond 008	8/23/2007	6200	009combined.pdf	59	143
Pond 008	9/5/2007	7500	009combined.pdf	59	143
Pond 008	1/15/2008	5700	008combined.pdf	59	143
Pond 008	2/11/2008	6800	008combined.pdf	59	143
Pond 008	2/20/2008	5500	008combined.pdf	59	143
Pond 008	3/6/2008	5600	008combined.pdf	59	143
Pond 008	3/24/2008	6600	008combined.pdf	59	143
Pond 008	4/8/2008	6100	008combined.pdf	59	143
Pond 008	4/17/2008	6700	008combined.pdf	59	143
Pond 008	5/1/2008	4800	008combined.pdf	59	143
Pond 008	5/28/2008	5700	008combined.pdf	59	143
Pond 008	6/9/2008	6800	008combined.pdf	59	143
Pond 008	6/25/2008	6800	008combined.pdf	59	143
Pond 008	7/2/2008	4900	007combined.pdf	59	143
Pond 008	7/16/2008	6700	007combined.pdf	59	143
Pond 008	8/25/2008	7000	005 or 006	59	143
Pond 008	9/8/2008	6200	005combined.pdf	59	143
Pond 008	9/24/2008	6100	005 or 006	59	143
Pond 008	9/25/2008	6100	005 or 006	59	143
Pond 008	10/1/2008	6500	004combined.pdf	59	143
Pond 008	10/27/2008	6100	004combined.pdf	59	143
Pond 008	11/6/2008	6200	003combined.pdf	59	143
Pond 008	11/19/2008	5900	003combined.pdf	59	143

Pond 008	12/4/2008	6000	003combined.pdf	59	143
Pond 008	12/27/2008	5400	003combined.pdf	59	143
Pond 008	1/5/2009	7000	001Combined.pdf	59	143
Pond 008	1/19/2009	7100	001Combined.pdf	59	143
Pond 008	2/5/2009	3800	001Combined.pdf	59	143
Pond 008	2/16/2009	4655	001Combined.pdf	59	143
Pond 008	3/3/2009	6800	001Combined.pdf	59	143
Pond 008	3/19/2009	7200	001Combined.pdf	59	143
Pond 008	4/2/2009	600	001Combined.pdf	59	143
Pond 008	4/22/2009	4490	001Combined.pdf	59	143
Pond 008	5/11/2009	6500	001Combined.pdf	59	143
Pond 008	5/19/2009	<10	001Combined.pdf	59	143
Pond 008	6/5/2009	5920	000Combined.pdf	59	143
Pond 008	6/16/2009	6490	000Combined.pdf	59	143
Pond 008	7/1/2009	7100	001Combined.pdf	59	143
Pond 008	7/20/2009	6850	001Combined.pdf	59	143
Pond 008	8/5/2009	6840	002combined.pdf	59	143
Pond 008	8/19/2009	6690	002combined.pdf	59	143
Pond 008	9/2/2009	7150	002combined.pdf	59	143
Pond 008	9/17/2009	6870	002combined.pdf	59	143
Pond 008	10/5/2009	6500	002combined.pdf	59	143
Pond 008	10/21/2009	6466	002combined.pdf	59	143
Pond 008	11/4/2009	3860	002combined.pdf	59	143
Pond 008	11/16/2009	7355	002combined.pdf	59	143
Pond 008	12/2/2009	7433	003combined.pdf	59	143
Pond 008	12/18/2009	6021	003combined.pdf	59	143
Pond 008	2/8/2010	7895	001Combined.pdf	59	143
Pond 008	2/16/2010	8100	001Combined.pdf	59	143
Pond 008	3/4/2010	7205	001Combined.pdf	59	143
Pond 008	3/18/2010	7370	001Combined.pdf	59	143
Pond 008	4/1/2010	7465	001Combined.pdf	59	143
Pond 008	4/15/2010	7680	001Combined.pdf	59	143
Pond 008	5/10/2010	7590	001Combined.pdf	59	143
Pond 008	5/24/2010	7370	001Combined.pdf	59	143
Pond 008	6/3/2010	8550	001Combined.pdf	59	143
Pond 008	6/4/2010	8450	001Combined.pdf	59	143
Pond 008	6/27/2010	7380	001Combined.pdf	59	143
Pond 008	7/1/2010	8770	001Combined.pdf	59	143
Pond 008	7/15/2010	7866	001Combined.pdf	59	143
Pond 008	8/6/2010	7660	001Combined.pdf	59	143
Pond 008	8/16/2010	8420	001Combined.pdf	59	143
Pond 008	9/7/2010	9283	001Combined.pdf	59	143
Pond 008	9/15/2010	8970	001Combined.pdf	59	143
Pond 008	10/2/2010	7260	001Combined.pdf	59	143
Pond 008	10/15/2010	7750	001Combined.pdf	59	143

Pond 008	11/1/2010	6220	001Combined.pdf	59	143
Pond 008	11/17/2010	7790	001Combined.pdf	59	143
Pond 008	12/6/2010	8120	001Combined.pdf	59	143
Pond 008	12/20/2010	8470	001Combined.pdf	59	143
Pond 008	1/6/2011	7440	001Combined.pdf	59	143
Pond 008	1/15/2011	8500	001Combined.pdf	59	143
Pond 008	2/3/2011	2200	001Combined.pdf	59	143
Pond 008	2/15/2011	7080	001Combined.pdf	59	143

			TDS				Sulfates				Hardness				Chloride			
Station ID	rs	re	n		Avg	Max	n		Avg	Max	n		Avg	Max	n		Avg	Max
CMD-2	3	17	0	0			15	0	51.46667	1300	15	0	255.8	448	0	0		
D-10	18	18	0	0			1	0	28	28	1	0	202	202	0	0		
D-12	19	19	0	0			1	0	35.7	35.7	1	0	235	235	0	0		
D-2	20	21	0	0			2	0	21.75	28.5	2	0	160	300	0	0		
D-9	22	22	0	0			1	0	16	16	1	0	100	100	0	0		
Pond 001	23	55	33	0	443.72727	6200	0	0			0	0			0	0		
Pond 002	56	58	3	0	202	230	0	0			0	0			0	0		
Pond 008	59	143	85	1	603.66667	9283	0	0			0	0			0	0		
			e	e	e	e	f	f	f	f	g	g	g	g	h	h	h	h

		Aluminum	
n		Avg	Max
0	0		
1	1		
1	1		
2	0	0.23	0.3
1	0	1.6	1.6
0	0		
0	0		
0	0		
d	d	d	d

Sample	Station	Date Collected	Matrix	Location
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

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113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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111800	C02S51	6/9/09 11:32	SW 22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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113554	C02S51	7/28/09 12:16	SW 34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW 15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW #5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW 12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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116456	C02S51	9/29/09 12:15	SW 2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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115782	C02S51	9/15/09 13:01	SW 14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
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111800	C02S51	6/9/09 11:32	SW	22 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
112434	C02S51	7/1/09 11:04	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
113554	C02S51	7/28/09 12:16	SW	34 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115146	C02S51	8/27/09 11:44	SW	15 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
115782	C02S51	9/15/09 13:01	SW	14 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
116290	C02S51	9/24/09 12:00	SW	#5 Piney Ck @ Mouth SR 148 DST AEC
116456	C02S51	9/29/09 12:15	SW	2 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148
140293	C02S51	2/23/12 10:14	SW	12 - PINEY CREEK NW OF ALLEDONIA @ ST. RT. 148

Sample Type	Field QC	Parameter	Result	Unit
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Acidity	<5.0	mg/L
G		Alkalinity	191	mg/L
G		Alkalinity	174	mg/L
G		Alkalinity	147	mg/L
G		Alkalinity	180	mg/L
G		Alkalinity	189	mg/L
G		Alkalinity	193	mg/L
G		Alkalinity	145	mg/L
G		Alkalinity	145	mg/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Aluminum	<200	ug/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Ammonia	<0.050	mg/L
G		Arsenic	<2.0	ug/L
G		Arsenic	<2.0	ug/L
G		Arsenic	<2.0	ug/L
G		Arsenic	2	ug/L
G		Arsenic	<2.0	ug/L
G		Arsenic	2.5	ug/L
G		Arsenic	<2.0	ug/L
G		Arsenic	<2.0	ug/L
G		Arsenic	<2.0	ug/L
G		Barium	96	ug/L

Parameter	RS
Acidity	2
Alkalinity	10
Aluminum	18
Ammonia	27
Arsenic	36
Barium	45
Cadmium	54
Calcium	63
Chloride	72
Chromium	81
COD	90
Conductivity	99
Copper	108
Hardness, Total	117
Iron	126
Lead	135
Magnesium	144
Manganese	153
Mercury	162
Nickel	168
Nitrate+nitrite	177
Nitrite	186
Potassium	195
Selenium	204
Sodium	213
Strontium	222
Sulfate	231
TKN	239
Total Dissolved Solids	248
Total Phosphorus	257
Total Suspended Solids	266
Zinc	275

G	Barium	83	ug/L
G	Barium	71	ug/L
G	Barium	117	ug/L
G	Barium	88	ug/L
G	Barium	116	ug/L
G	Barium	69	ug/L
G	Barium	52	ug/L
G	Barium	52	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Cadmium	<0.20	ug/L
G	Calcium	87	mg/L
G	Calcium	75	mg/L
G	Calcium	72	mg/L
G	Calcium	108	mg/L
G	Calcium	93	mg/L
G	Calcium	118	mg/L
G	Calcium	90	mg/L
G	Calcium	47	mg/L
G	Calcium	47	mg/L
G	Chloride	134	mg/L
G	Chloride	94.1	mg/L
G	Chloride	88.4	mg/L
G	Chloride	273	mg/L
G	Chloride	225	mg/L
G	Chloride	339	mg/L
G	Chloride	214	mg/L
G	Chloride	73.4	mg/L
G	Chloride	73.4	mg/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	Chromium	<2.0	ug/L
G	COD	<20	mg/L

G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	COD	<20	mg/L
G	Conductivity	2220	umhos/cm
G	Conductivity	1620	umhos/cm
G	Conductivity	1440	umhos/cm
G	Conductivity	3040	umhos/cm
G	Conductivity	2640	umhos/cm
G	Conductivity	3720	umhos/cm
G	Conductivity	2430	umhos/cm
G	Conductivity	898	umhos/cm
G	Conductivity	898	umhos/cm
G	Copper	7.3	ug/L
G	Copper	4.2	ug/L
G	Copper	3.1	ug/L
G	Copper	13.2	ug/L
G	Copper	11.2	ug/L
G	Copper	18.4	ug/L
G	Copper	9.9	ug/L
G	Copper	2	ug/L
G	Copper	2	ug/L
G	Hardness, Total	295	mg/L
G	Hardness, Total	261	mg/L
G	Hardness, Total	246	mg/L
G	Hardness, Total	373	mg/L
G	Hardness, Total	323	mg/L
G	Hardness, Total	414	mg/L
G	Hardness, Total	307	mg/L
G	Hardness, Total	163	mg/L
G	Hardness, Total	163	mg/L
G	Iron	142	ug/L
G	Iron	168	ug/L
G	Iron	160	ug/L
G	Iron	105	ug/L
G	Iron	<50	ug/L
G	Iron	<50	ug/L
G	Iron	72	ug/L
G	Iron	110	ug/L
G	Iron	110	ug/L
G	Lead	<2.0	ug/L

G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Lead	<2.0	ug/L
G	Magnesium	19	mg/L
G	Magnesium	18	mg/L
G	Magnesium	16	mg/L
G	Magnesium	25	mg/L
G	Magnesium	22	mg/L
G	Magnesium	29	mg/L
G	Magnesium	20	mg/L
G	Magnesium	11	mg/L
G	Magnesium	11	mg/L
G	Manganese	17	ug/L
G	Manganese	15	ug/L
G	Manganese	11	ug/L
G	Manganese	26	ug/L
G	Manganese	10	ug/L
G	Manganese	14	ug/L
G	Manganese	<10	ug/L
G	Manganese	28	ug/L
G	Manganese	28	ug/L
G	Mercury	<0.20	ug/L
G	Mercury	<0.20	ug/L
G	Mercury	<0.20	ug/L
G	Mercury	<0.20	ug/L
G	Mercury	<0.20	ug/L
G	Mercury	<0.20	ug/L
G	Nickel	3	ug/L
G	Nickel	2.6	ug/L
G	Nickel	2.6	ug/L
G	Nickel	4.2	ug/L
G	Nickel	3.4	ug/L
G	Nickel	4.7	ug/L
G	Nickel	4.4	ug/L
G	Nickel	3.3	ug/L
G	Nickel	3.3	ug/L
G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	<0.10	mg/L

G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	<0.10	mg/L
G	Nitrate+nitrite	0.48	mg/L
G	Nitrate+nitrite	0.48	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Nitrite	<0.020	mg/L
G	Potassium	3	mg/L
G	Potassium	3	mg/L
G	Potassium	3	mg/L
G	Potassium	5	mg/L
G	Potassium	5	mg/L
G	Potassium	6	mg/L
G	Potassium	4	mg/L
G	Potassium	2	mg/L
G	Potassium	2	mg/L
G	Selenium	2.4	ug/L
G	Selenium	<2.0	ug/L
G	Selenium	<2.0	ug/L
G	Selenium	3.6	ug/L
G	Selenium	3.5	ug/L
G	Selenium	4.9	ug/L
G	Selenium	3.1	ug/L
G	Selenium	<2.0	ug/L
G	Selenium	<2.0	ug/L
G	Sodium	464	mg/L
G	Sodium	269	mg/L
G	Sodium	224	mg/L
G	Sodium	765	mg/L
G	Sodium	601	mg/L
G	Sodium	800	mg/L
G	Sodium	413	mg/L
G	Sodium	126	mg/L
G	Sodium	126	mg/L
G	Strontium	1720	ug/L
G	Strontium	1260	ug/L
G	Strontium	1040	ug/L
G	Strontium	2180	ug/L

G	Strontium	1770	ug/L
G	Strontium	2580	ug/L
G	Strontium	1600	ug/L
G	Strontium	646	ug/L
G	Strontium	646	ug/L
G	Sulfate	654	mg/L
G	Sulfate	483	mg/L
G	Sulfate	441	mg/L
G	Sulfate	978	mg/L
G	Sulfate	790	mg/L
G	Sulfate	697	mg/L
G	Sulfate	194	mg/L
G	Sulfate	194	mg/L
G	TKN	0.4	mg/L
G	TKN	0.36	mg/L
G	TKN	<0.20	mg/L
G	TKN	0.31	mg/L
G	TKN	0.49	mg/L
G	TKN	0.4	mg/L
G	TKN	1.07	mg/L
G	TKN	0.21	mg/L
G	TKN	0.21	mg/L
G	Total Dissolved Solids	1460	mg/L
G	Total Dissolved Solids	1060	mg/L
G	Total Dissolved Solids	936	mg/L
G	Total Dissolved Solids	2050	mg/L
G	Total Dissolved Solids	1730	mg/L
G	Total Dissolved Solids	2470	mg/L
G	Total Dissolved Solids	1680	mg/L
G	Total Dissolved Solids	540	mg/L
G	Total Dissolved Solids	540	mg/L
G	Total Phosphorus	0.011	mg/L
G	Total Phosphorus	0.017	mg/L
G	Total Phosphorus	0.011	mg/L
G	Total Phosphorus	<0.010	mg/L
G	Total Phosphorus	0.016	mg/L
G	Total Phosphorus	0.027	mg/L
G	Total Phosphorus	0.028	mg/L
G	Total Phosphorus	0.01	mg/L
G	Total Phosphorus	0.01	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L

G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Total Suspended Solids	<5	mg/L
G	Zinc	<10	ug/L
G	Zinc	16	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L
G	Zinc	<10	ug/L

RE	n	nd	avg	max
9	8	8	<5.0	<5.0 mg/L
17	8	0	170.5	193 mg/L
26	9	9	<200	<200 ug/L
35	9	9	<0.050	<0.050 mg/L
44	9	7	<2.0	2.5 ug/L
53	9	0	82.66667	117 ug/L
62	9	9	<0.20	<0.20 ug/L
71	9	0	81.88889	118 mg/L
80	9	0	168.25556	339 mg/L
89	9	9	<2.0	<2.0 ug/L
98	9	9	<20	<20 mg/L
107	9	0	100.66667	3720 umhos/cm
116	9	0	7.92222	18.4 ug/L
125	9	0	282.77778	414 mg/L
134	9	2	123.85714	168 ug/L
143	9	9	<2.0	<2.0 ug/L
152	9	0	19	29 mg/L
161	9	1	18.625	28 ug/L
167	6	6	<0.20	<0.20 ug/L
176	9	0	3.5	4.7 ug/L
185	9	7	0.48	0.48 mg/L
194	9	9	<0.020	<0.020 mg/L
203	9	0	3.66667	6 mg/L
212	9	4	3.5	4.9 ug/L
221	9	0	420.88889	800 mg/L
230	9	0	493.55556	2580 ug/L
238	8	0	553.875	978 mg/L
247	9	1	0.43125	1.07 mg/L
256	9	0	385.11111	2470 mg/L
265	9	1	0.01625	0.028 mg/L
274	9	9	<5	<5 mg/L
283	9	8	16	16 ug/L

Parameter	12/22/2011	1/5/2012	1/12/2012	1/18/2012	Units	Method	PQL
Flow	12144	In	Pond	20	14200	GPD	-
Temperature, Field	9.5	9.8	7.6	5.4	°C	-	-
pH, Field	8.44	7.3	7.54	8.26	S.U.	-	-
pH, Lab	8	8.35	7.8	7.83	S.U.	4500HB	-
Acidity (as CaCO3)	2.62	ND	8.49	3.36	mg/L	2310B	0.5
Alkalinity (as CaCO3)	129	155	213	99.4	mg/L	2320B	0.18
Carbonate Alkalinity	ND	ND	ND	ND	mg/L	2320B	0.18
Bicarbonate Alkalinity	129	155	213	99.4	mg/L	2320B	0.18
Chloride	197	262	174	145	mg/L	4500Cl	D
Hardness (as CaCO3)	189	712	735	411	mg/L	2340B	0.1
Nitrate (as N)	0.09	-	-	ND	mg/L	E352.1	0.2
Total Phosphate	0.073	0.009	ND	ND	mg/L	4500PE	0.01
Specific Conductance	4334	5520	3740	3360	µmhos/cm	120.1	5
Total Suspended Solids	25	14	ND	5	mg/L	2540C	15
Total Dissolved Solids	3050	4190	2860	2450	mg/L	2540C	50
Total Sulfate (as SO4)	2410	3320	2160	1860	mg/L	D516-02	3
Total Aluminum	1.24	0.385	0.01	0.38	mg/L	E200.7	0.1
Total Arsenic	0.0004	0.0004	0.002	0.0005	mg/L	3114B	0.001
Total Calcium	-	229	243	132	mg/L	E200.7	1
Total Copper	0.011	0.005	0.005	0.004	mg/L	E200.7	0.004
Total Iron	0.751	0.43	0.341	0.394	mg/L	E200.7	0.1
Total Magnesium	-	34.1	31	20	mg/L	E200.7	0.5
Total Manganese	0.175	0.197	0.969	0.168	mg/L	E200.7	0.02
Total Potassium	-	8.78	3.79	4.35	mg/L	E200.7	0.5
Total Selenium	0.0012	0.00005	0.0007	0.0004	mg/L	3114B	0.001
Total Sodium	992	1460	716	692	mg/L	E200.7	100
Total Zinc	0.0015	0.0015	0.0015	0.0015	mg/L	E200.7	0.05

MDL
-
-
-
-
0.17
0.06
0.06
0.06
0.5
0.0244
0.1
0.003
1
4.75
13.5
0.9
0.02
0.0001
0.05
0.00071
0.03
0.05
0.006
0.05
0.0001
5
0.003