

LFPPin	General Information			Lab Results											Field Results				Weather Conditions/ Comments	
	Date	Time	Collector	Flow (gpm)	pH	Alkalinity (mg/L)	Hot Acidity (mg/L)	Total Iron (mg/L)	Ferrous Iron (mg/L)	Manganese (mg/L)	Aluminum (mg/L)	Sulfate (mg/L)	Total Suspended Solids (mg/L)	Fe loading (g/day)	Fe loading (lbs./day)	pH	Temperature (degrees C)	Conductivity (m S)		Dissolved Oxygen (mg/L)
12/17/04	pm				6.3	132.0	15.8	48.0	60.5	3.4	0.5	524.3	3.0	0.0	0.0	6.3				
03/31/05	am	CW,JH			6.3	138.4	1.4	46.9	54.1	3.4	0.5	554.0	3.0	0.0	0.0	6.2	12.8		1.0	
05/09/05	am	JH,CW,VP	347.8		6.3	140.4	-8.8	47.6	53.4	3.5	0.5	518.3	8.0	90226.3	198.9	6.0				
6/30/2005	am	CW, VP			6.5	154.0	11.2	59.0	60.5	3.5	0.5	302.8	3.0	0.0	0.0	6.2				
11/8/2005		SH, AL			6.3	147.6	-8.4	44.4	48.7	3.2	<.5	502.8	18.0	0.0	0.0	6.3	12.3	1040.0	1.3	
12/29/2005		SH, AL			6.3	146.6	-13.4	52.7	52.8	4.0	<.5	469.8	6.0	0.0	0.0	6.2	12.2		1.6	
1/17/2006		SH, AL	136.4		6.4	145.6	-11.2	45.2	48.2	3.4	<.5	517.6	<3	33590.9	74.1	ns	12.2	1120.0	ns	
2/13/2006		SH, AL	96.0		6.4	143.4	-10.6	51.6	53.4	3.8	<.5	423.1	8.0	26997.1	59.5	6.2	12.1	1185.0	ns	
3/21/2006		AL			6.4	138.4	-26.0	51.3	50.1	3.7	<.5	436.3	4.0	0.0	0.0	6.2	12.2	1297.0	ns	
4/24/2006	pm	SH, CJ	160.0		6.3	143.8	-5.4	42.9	54.0	3.1	<.5	461.4	12.0	37408.8	82.5	6.2	12.3	13.2	ns	
5/30/2006	am	SH, CJ	151.0		6.2	143.0	-31.2	47.0	54.4	3.5	<.5	454.0	4.0	38678.7	85.3	6.1	12.3	1304.0	1.2	Sunny - Humid
6/28/2006	am	SH, CJ	151.0		6.2	123.4	-27.2	46.1	51.0	3.3	<.5	461.8	<3	37938.0	83.7	6.2	12.3	1190.0	0.7	Partly Cloudy - Muggy. Heavy rain days before
7/20/2006	am	SH, CJ	203.4		6.3	104.8	-20.8	46.1	53.5	3.5	<.5	455.7	<3	51154.2	112.8	6.2	12.6	1293.0	0.7	Sunny - Humid
8/24/2006	am	SH, CJ	150.0		6.3	124.6	-29.8	52.4	55.3	3.8	<.5	414.8	<3	42845.2	94.5	6.2	12.4	NA	0.8	
9/25/2006	am	SH, CJ	150.0		6.6	114.6	-25.6	41.9	55.7	3.1	<.5	421.6	<3	34253.3	75.5	6.0	12.0	NA	0.7	Partly Cloudy
10/31/2006	am	SH, CJ	28.0		6.3	122.2	-20.0	50.0	60.0	3.4	<.5	461.2	<3	7630.0	16.8	5.9	12.0	1482.0	2.2	Partly Cloudy
11/15/2006	am	SH, CJ	120.0		6.3	134.4	-24.2	54.4	58.1	3.7	<.5	453.2	8.0	35577.6	78.4	6.2	12.3	1523.0	0.8	Partly Sunny
12/13/2006	am	SH, CJ	57.0		6.4	143.6	-15.2	57.7	55.5	3.3	<.50	395.9	24.0	17924.5	39.5	6.5	12.2	1498.0	1.7	Partly Sunny
1/22/2007	pm	SH, CJ	53.0		6.3	126.8	-29.8	51.3	60.6	3.4	<.50	479.6	<3	14825.8	32.7	6.4	12.2	1460.0	1.3	Hazy, Snow
2/22/2007	am	SH, CJ	45.0		6.4	157.2	-26.4	50.0	52.9	3.6	<.50	407.7	12.0	12262.5	27.0	6.0	12.2	1409.0	1.5	Hazy, Snow/Sleet
5/23/2007	am	SH, CJ	46.0		6.3	154.0	-15.4	45.2	49.8	3.5	<.50	477.6	<3	11331.6	25.0	6.2	12.6	1286.0	1.2	Sunny - Humid
6/26/2007	am	SH, CJ	81.0		6.4	145.2	-36.2	47.7	41.8	3.3	<.5	439.0	14.0	21057.2	46.4	6.4	12.5	1480.0	1.3	Sunny - Humid
7/24/2007		DEP	70.0		6.4	146.4	8.4	41.3	ns	3.0	<.5	418.8	8.0	15756.0	34.7	6.3	ns	ns	ns	Sunny - Dry
7/26/2007	am	SH, CJ	96.0		6.1	79.6	-42.2	44.7	45.7	3.6	<.5	423.8	30.0	23387.0	51.6	6.7	12.4	903.0	1.3	Sunny - no recent rain
8/29/2007	am	SH, CJ	88.0		6.5	124.0	-0.6	40.3	45.4	3.1	<.50	534.1	6.0	19327.9	42.6	6.4	12.7	1478.0	1.3	Sunny - high rainfall in August
9/26/2007	am	SH, CJ	80.0		6.3	154.4	-3.4	37.6	45.6	3.0	<.5	460.1	<3	16393.6	36.1	5.9	12.6	1487.0	1.5	Sunny - no recent rain
10/24/2007	am	SH, CJ	89.0		6.3	160.6	-19.2	46.1	46.8	3.5	<.50	484.5	8.0	22336.6	49.3	6.4	12.5	1474.0	1.6	Flow very low, light rain, lower 50's
11/28/2007	am	SH, CJ	270.0		6.5	146.2	-67.6	43.0	46.0	3.4	<.50	457.1	4.0	63274.5	139.5	6.3	12.4	1318.0	2.0	Several days of rain, mid 30's, sunny
12/17/2007	am	CJ, MD	271.0		6.4	157.4	-60.8	44.6	46.7	3.4	<.50	441.7	20.0	65872.0	145.2	6.4	11.9	1453.0	0.2	Several days of rain, mid 20's, snow
1/28/2008	am	CJ, DB	209.7		6.5	148.8	-67.8	42.4	45.6	3.2	<.50	453.7	12.0	48401.5	106.7	6.0	20.1	1216.0	1.2	Snow, sunny, mid 40's
2/25/2008	am	CJ, MD	239.7		6.5	156.8	-63.4	43.3	42.7	3.4	<.50	408.0	14.0	56613.9	124.8	6.0	13.2	1242.0	1.4	Recent snow, low 40's
3/24/2008	am	CJ, MD	140.5		6.4	159.8	-60.0	39.9	34.3	3.3	<.50	395.6	12.0	30576.2	67.4	6.0	12.3	926.0	1.3	Cloudy, low 40's
4/21/2008	am	CJ, JJ	103.3		6.4	143.0	-64.4	36.2	38.1	3.1	<.50	362.1	22.0	20372.7	44.9	6.1	11.7	775.0	1.1	Cloudy, 60's recent rain
5/19/2008	am	CJ, AB	153.6		6.4	134.8	-47.8	38.0	40.5	3.3	<.50	448.5	8.0	31774.6	70.1	6.1	12.6	1471.0	1.2	Cloudy, recent rain, mid 50's
6/25/2008	am	CJ, AB	103.3		6.4	151.6	-58.4	38.9	39.1	3.4	<.50	409.3	22.0	21912.5	48.3	6.1	12.8	1569.0	1.1	Sunny, upper 70's
7/28/2008	am	CJ, AB	91.7		6.4	135.6	-67.2	37.6	40.8	3.1	<.50	456.0	24.0	18767.2	41.4	6.1	13.4	1474.0	1.4	Sunny, high 70's
8/27/2008	am	CJ, SH	ns		6.4	142.6	-63.2	40.3	41.4	3.2	<.50	424.1	<5			6.0	13.3	1541.0	0.1	Sunny, 70's, no rain in several weeks
9/29/2008	am	CJ, SH	ns		6.4	151.0	-68.6	39.5	41.5	3.2	<.50	393.4	<5			5.8	13.0	1497.0	0.9	Sunny, 60's
10/29/2008	am	SH, CJ	ns		6.5	148.8	-46.8	38.6	41.2	3.1	<.50	183.8	12.0			6.0	11.5	1488.0	0.7	Snow flurries, 30's
12/18/2008	am	SH, CJ	ns		6.4	158.0	-269.6	40.4	43.70	3.4	<.5	441.4	<5			5.6	11.7	1464.0	0.7	Upper 30's, recent rain and snow

LFPPin	Average	132.7	6.4	140.1	-29.5	45.4	49.1	3.4	0.5	440.7	11.8	26901.9	59.3	6.2	12.6	1286.8	1.2
	St. Dev.	75.9	0.1	16.2	25.0	5.7	7.0	0.2	0.0	64.1	7.5	21051.7	46.4	0.2	1.4	312.9	0.4

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Date	Time	Collector	Flow (gpm)	pH	Alkalinity (mg/L)	Hot Acidity (mg/L)	Total Iron (mg/L)	Ferrous Iron (mg/L)	Manganese (mg/L)	Aluminum (mg/L)	Sulfate (mg/L)	Total Suspended Solids (mg/L)	Fe loading (g/day)	Fe loading (lbs/day)	pH	Temperature (degrees C)	Conductivity (m S)	Dissolved Oxygen (mg/L)	Weather Conditions/ Comments
		Min	28.0	6.1	79.6	-68.6	36.2	34.3	3.0	0.5	183.8	3.0	0.0	0.0	5.8	11.5	13.2	0.1	
		Max	347.8	6.6	160.6	15.8	59.0	60.6	4.0	0.5	554.0	30.0	90226.3	198.9	6.7	20.1	1569.0	2.2	

39 samples