

Watershed Report

St. Francis Bay

0802020305

The Center for Advanced Spatial Technologies at the University of Arkansas has developed the Arkansas Automated Reporting and Mapping System with funding from the Arkansas 85th General Assembly through the Arkansas Natural Resource Commission.

The 308 ten-digit watershed units and the 1556 twelve-digit watershed units were delineated by the Natural Resources Conservation Service, a division of the US Department of Agriculture.

For all watersheds that cross the Arkansas border, only the Arkansas portion of the watershed was used for mapping and statistical reporting.

Watershed Summary (10 Digit HUC)

St. Francis Bay (0802020305)

Area Summary

Area - Square Miles.....	538.16
Area - Acres.....	348450.79

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	158.00	518.00
Elevation Minimum.....	52.00	171.00
Elevation Average.....	76.00	249.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	21.08	3.91%
Bare.....	.24	.04%
Water.....	6.89	1.28%
Herbaceous.....	2.49	.46%
Forest.....	91.73	17.04%
Agri - Crops.....	381.37	70.83%
Agri - pasture.....	34.65	6.44%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	33.30	6.18%
Bare.....	3.39	.63%
Water.....	5.98	1.11%
Herbaceous.....	2.92	.54%
Forest.....	87.62	16.27%
Agri - Crops.....	373.48	69.37%
Agri - pasture.....	31.73	5.89%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	35.52	6.49%
Bare.....	1.03	.19%
Water.....	9.36	1.71%
Herbaceous.....	10.73	1.96%
Forest.....	84.33	15.40%
Agri - Crops.....	375.00	68.47%

Agri - pasture.....: 22.49 4.11%

Land Use / Land Cover Change from 1999 to 2004

Area in Acres	Change TO						
	Urban	Bare	Water	Herbaceous	Forest	Agri-Crop	Agri-Pasture
FROM Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	2.41	-.--	0.00	0.00	0.00	16.86	.40
Water	145.92	171.61	-.--	89.52	1032.25	901.19	82.89
FROM Herb	103.17	12.24	10.04	-.--	304.08	402.02	72.26
Forest	2377.02	197.30	100.36	404.23	-.--	5339.10	978.87
Agri-Crops	4074.42	125.64	187.26	398.21	1688.58	-.--	274.77
Agri-Pasture	1669.71	18.87	15.05	229.41	613.97	737.01	-.--

Sub-Watershed Summary (12 Digit HUC)

Gum Slough (080202030505)

Area Summary

Area - Square Miles.....	47.72
Area - Acres.....	30901.09

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximum.....	131.00	430.00
Elevation Minimum.....	65.00	213.00
Elevation Average.....	72.00	236.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	1.50	3.15%
Bare.....	.01	.02%
Water.....	.15	.31%
Herbaceous.....	.01	.02%
Forest.....	1.25	2.62%
Agri - Crops.....	42.27	88.65%
Agri - pasture.....	2.49	5.22%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	2.92	6.12%
Bare.....	.40	.84%
Water.....	.19	.40%
Herbaceous.....	.00	-.--%
Forest.....	1.32	2.77%
Agri - Crops.....	40.72	85.40%
Agri - pasture.....	2.13	4.47%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	3.25	6.82%
Bare.....	.12	.25%
Water.....	.24	.50%
Herbaceous.....	.56	1.17%
Forest.....	1.32	2.77%
Agri - Crops.....	40.70	85.36%
Agri - pasture.....	1.49	3.13%

Land Use / Land Cover Change from 1999 to 2004

Area in Acres	Change TO						
	Urban	Bare	Water	Herbaceous	Forest	Agri-Crop	Agri-Pasture
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	0.00	0.00
Water	9.03	.20	-.--	0.00	28.10	42.35	1.61
FROM Herb	2.21	0.00	0.00	-.--	.40	3.21	.80
Forest	66.03	1.00	.20	0.00	-.--	192.08	14.85
Agri-Crops	678.80	11.84	15.25	0.00	63.63	-.--	10.04
Agri-Pasture	144.91	1.00	.40	0.00	17.66	59.81	-.--

**Ditch No. 123
(080202030504)**

Area Summary

Area - Square Miles.....	34.41
Area - Acres.....	22278.82

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	70.00	230.00
Elevation Minimum.....	59.00	194.00
Elevation Average.....	65.00	213.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.83	2.41%
Bare.....	.00	-.--%
Water.....	.17	.49%
Herbaceous.....	.00	-.--%
Forest.....	.36	1.04%
Agri - Crops.....	32.09	93.10%
Agri - pasture.....	1.02	2.96%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	1.11	3.22%
Bare.....	.14	.41%
Water.....	.29	.84%
Herbaceous.....	.00	-.--%
Forest.....	.74	2.15%
Agri - Crops.....	31.16	90.40%
Agri - pasture.....	1.03	2.99%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	1.16	3.36%
Bare.....	.02	.06%
Water.....	.38	1.10%
Herbaceous.....	.40	1.16%
Forest.....	.66	1.91%
Agri - Crops.....	31.53	91.44%
Agri - pasture.....	.33	.96%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
FROM Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	0.00	0.00
Water	4.42	0.00	-.--	0.00	6.82	64.63	.20
FROM Herb	0.0	0.00	0.00	-.--	0.00	.80	0.00
Forest	2.01	.20	1.00	0.00	-.--	107.78	4.01
Agri-Crops	151.74	4.82	21.28	0.00	70.85	-.--	12.64
Agri-Pasture	.40	0.00	0.00	0.00	0.00	3.81	-.--

**Little Bay Outlet
(080202030508)**

Area Summary

Area - Square Miles.....	30.46
Area - Acres.....	19722.56

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	119.00	390.00
Elevation Minimum.....	62.00	203.00
Elevation Average.....	75.00	246.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	6.32	21.13%
Bare.....	.08	.27%
Water.....	.14	.47%
Herbaceous.....	.03	.10%
Forest.....	1.44	4.81%
Agri - Crops.....	20.22	67.60%
Agri - pasture.....	1.68	5.62%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	7.68	25.69%
Bare.....	.27	.90%
Water.....	.18	.60%
Herbaceous.....	.02	.07%
Forest.....	1.31	4.38%
Agri - Crops.....	19.05	63.71%
Agri - pasture.....	1.39	4.65%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	7.96	26.62%
Bare.....	.07	.23%
Water.....	.19	.64%
Herbaceous.....	.52	1.74%
Forest.....	1.36	4.55%
Agri - Crops.....	18.94	63.34%
Agri - pasture.....	.86	2.88%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	1.00	-.--	0.00	0.00	0.00	1.00	0.00
Water	20.67	1.00	-.--	0.00	7.23	30.71	1.20
FROM Herb	11.24	0.00	0.00	-.--	.20	3.01	1.40
Forest	288.82	.60	.80	0.00	-.--	107.98	7.63
Agri-Crops	485.12	13.25	9.43	0.00	45.76	-.--	14.45
Agri-Pasture	172.41	.60	0.00	0.00	4.42	14.85	-.--

**Ditch No. 1 Headwaters
(080202030511)**

Area Summary

Area - Square Miles.....	47.79
Area - Acres.....	30945.27

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	134.00	440.00
Elevation Minimum.....	63.00	207.00
Elevation Average.....	86.00	282.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	4.91	10.26%
Bare.....	.06	.13%
Water.....	.95	1.98%
Herbaceous.....	.11	.23%
Forest.....	15.38	32.13%
Agri - Crops.....	19.88	41.53%
Agri - pasture.....	6.58	13.75%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	7.74	16.17%
Bare.....	.24	.50%
Water.....	.82	1.71%
Herbaceous.....	.04	.08%
Forest.....	13.09	27.34%
Agri - Crops.....	20.56	42.95%
Agri - pasture.....	5.38	11.24%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	8.00	16.71%
Bare.....	.07	.15%
Water.....	1.07	2.24%
Herbaceous.....	1.77	3.70%
Forest.....	12.89	26.93%
Agri - Crops.....	19.83	41.42%
Agri - pasture.....	4.24	8.86%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	1.20	-.--	0.00	0.00	0.00	9.23	.20
Water	43.15	3.41	-.--	0.00	114.41	109.79	15.25
FROM Herb	31.31	.60	.20	-.--	6.22	27.50	3.61
Forest	1022.42	8.83	10.44	0.00	-.--	1114.14	273.37
Agri-Crops	591.09	9.03	21.28	0.00	122.03	-.--	43.75
Agri-Pasture	432.53	4.01	6.62	1.20	164.18	333.98	-.--

**Thompson Ditch
(080202030502)**

Area Summary

Area - Square Miles.....	34.57
Area - Acres.....	22381.69

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	158.00	518.00
Elevation Minimum.....	69.00	226.00
Elevation Average.....	86.00	282.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.21	.61%
Bare.....	.01	.03%
Water.....	.15	.44%
Herbaceous.....	.02	.06%
Forest.....	6.69	19.50%
Agri - Crops.....	23.05	67.20%
Agri - pasture.....	4.17	12.16%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.54	1.57%
Bare.....	.16	.47%
Water.....	.26	.76%
Herbaceous.....	.01	.03%
Forest.....	6.29	18.34%
Agri - Crops.....	23.24	67.76%
Agri - pasture.....	3.80	11.08%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.67	1.95%
Bare.....	.02	.06%
Water.....	.24	.70%
Herbaceous.....	.89	2.59%
Forest.....	5.98	17.43%
Agri - Crops.....	23.45	68.35%
Agri - pasture.....	3.06	8.92%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	3.41	.20
Water	7.02	0.00	-.--	0.00	28.70	31.51	4.42
FROM Herb	5.82	0.00	0.00	-.--	1.81	7.43	.60
Forest	58.21	6.22	.60	0.00	-.--	664.95	114.41
Agri-Crops	38.54	2.41	17.26	0.00	117.82	-.--	20.67
Agri-Pasture	122.63	1.40	1.40	0.00	63.22	81.89	-.--

**Little Bay Ditch Headwaters
(080202030507)**

Area Summary

Area - Square Miles.....:	33.82
Area - Acres.....:	21900.90

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	149.00	489.00
Elevation Minimum.....:	66.00	216.00
Elevation Average.....:	84.00	276.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	2.10	6.13%
Bare.....:	.06	.18%
Water.....:	.18	.53%
Herbaceous.....:	.06	.18%
Forest.....:	6.09	17.79%
Agri - Crops.....:	20.28	59.23%
Agri - pasture.....:	5.47	15.98%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	4.91	14.34%
Bare.....:	.27	.79%
Water.....:	.22	.64%
Herbaceous.....:	.04	.12%
Forest.....:	4.86	14.19%
Agri - Crops.....:	19.46	56.83%
Agri - pasture.....:	4.48	13.08%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	5.45	15.91%
Bare.....:	.14	.41%
Water.....:	.19	.55%
Herbaceous.....:	1.34	3.91%
Forest.....:	5.12	14.95%
Agri - Crops.....:	18.72	54.66%
Agri - pasture.....:	3.29	9.61%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
FROM Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	.20	-.--	0.00	0.00	0.00	1.20	0.00
Water	31.51	0.00	-.--	0.00	15.86	45.96	10.44
FROM Herb	16.66	0.00	0.00	-.--	1.00	21.68	2.41
Forest	571.02	6.22	1.00	3.01	-.--	664.55	116.01
Agri-Crops	818.10	17.86	0.00	0.00	58.81	-.--	25.29
Agri-Pasture	593.90	3.21	1.61	17.86	89.12	27.90	-.--

**Big Bay Ditch
(080202030501)**

Area Summary

Area - Square Miles.....	32.48
Area - Acres.....	21029.45

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	149.00	489.00
Elevation Minimum.....	69.00	226.00
Elevation Average.....	78.00	256.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.30	.90%
Bare.....	.00	-.--%
Water.....	1.19	3.59%
Herbaceous.....	.01	.03%
Forest.....	2.89	8.71%
Agri - Crops.....	27.15	81.85%
Agri - pasture.....	1.63	4.91%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.90	2.71%
Bare.....	.18	.54%
Water.....	.64	1.93%
Herbaceous.....	.00	-.--%
Forest.....	3.45	10.40%
Agri - Crops.....	26.59	80.14%
Agri - pasture.....	1.42	4.28%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	1.21	3.65%
Bare.....	.05	.15%
Water.....	1.20	3.62%
Herbaceous.....	.52	1.57%
Forest.....	2.58	7.78%
Agri - Crops.....	26.52	79.95%
Agri - pasture.....	1.09	3.29%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	.40	0.00
Water	5.22	.20	-.--	0.00	284.21	105.37	1.20
FROM Herb	2.21	0.00	0.00	-.--	0.00	3.01	.60
Forest	76.27	4.01	1.81	0.00	-.--	348.63	33.52
Agri-Crops	199.31	7.02	10.64	0.00	148.33	-.--	9.23
Agri-Pasture	119.62	.20	0.00	0.00	18.87	18.26	-.--

**Clark Corner Cutoff
(080202030514)**

Area Summary

Area - Square Miles.....	41.77
Area - Acres.....	27042.89

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	137.00	449.00
Elevation Minimum.....	52.00	171.00
Elevation Average.....	87.00	285.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.40	.96%
Bare.....	.01	.02%
Water.....	1.36	3.25%
Herbaceous.....	.76	1.82%
Forest.....	27.98	66.95%
Agri - Crops.....	9.85	23.57%
Agri - pasture.....	1.43	3.42%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.98	2.35%
Bare.....	.38	.91%
Water.....	1.04	2.49%
Herbaceous.....	1.09	2.61%
Forest.....	27.05	64.76%
Agri - Crops.....	9.69	23.20%
Agri - pasture.....	1.54	3.69%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.95	2.27%
Bare.....	.22	.53%
Water.....	2.23	5.34%
Herbaceous.....	.81	1.94%
Forest.....	26.53	63.51%
Agri - Crops.....	9.92	23.75%
Agri - pasture.....	1.11	2.66%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	0.00	0.00
Water	6.22	125.64	-.--	60.21	130.86	54.19	1.40
FROM Herb	29.91	6.42	5.22	-.--	152.94	128.86	9.83
Forest	204.32	89.92	38.14	129.26	-.--	527.07	55.20
Agri-Crops	68.64	18.26	6.62	234.43	268.75	-.--	18.26
Agri-Pasture	65.83	5.22	.60	94.33	64.83	12.64	-.--

**St. Francis Bay
(080202030513)**

Area Summary

Area - Square Miles.....	33.58
Area - Acres.....	21739.86

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	140.00	459.00
Elevation Minimum.....	53.00	174.00
Elevation Average.....	78.00	256.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.33	.99%
Bare.....	.00	-.--%
Water.....	.66	1.98%
Herbaceous.....	1.36	4.08%
Forest.....	14.05	42.14%
Agri - Crops.....	14.60	43.79%
Agri - pasture.....	2.34	7.02%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.67	2.01%
Bare.....	.48	1.44%
Water.....	.35	1.05%
Herbaceous.....	1.64	4.92%
Forest.....	13.17	39.50%
Agri - Crops.....	14.43	43.28%
Agri - pasture.....	2.60	7.80%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.77	2.31%
Bare.....	.15	.45%
Water.....	.90	2.70%
Herbaceous.....	1.39	4.17%
Forest.....	12.13	36.37%
Agri - Crops.....	14.85	44.53%
Agri - pasture.....	3.16	9.48%

Land Use / Land Cover Change from 1999 to 2004

<u>Area in Acres</u>	<u>Change TO</u>						
	<u>Urban</u>	<u>Bare</u>	<u>Water</u>	<u>Herbaceous</u>	<u>Forest</u>	<u>Agri-Crop</u>	<u>Agri-Pasture</u>
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	.40	0.00
Water	2.81	39.34	-.--	29.30	203.72	53.79	2.81
FROM Herb	3.21	4.82	4.62	-.--	116.21	155.95	49.98
Forest	38.94	74.87	25.09	271.96	-.--	551.55	142.50
Agri-Crops	117.42	14.45	14.45	163.78	285.61	-.--	26.09
Agri-Pasture	10.44	3.01	1.40	116.01	80.69	143.11	-.--

**Middle Ditch No. 10
(080202030509)**

Area Summary

Area - Square Miles.....:	46.19
Area - Acres.....:	29904.89

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....:	72.00	236.00
Elevation Minimum.....:	60.00	197.00
Elevation Average.....:	66.00	216.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	1.62	3.51%
Bare.....:	.01	.02%
Water.....:	.49	1.06%
Herbaceous.....:	.00	-.--%
Forest.....:	.27	.59%
Agri - Crops.....:	42.26	91.57%
Agri - pasture.....:	1.50	3.25%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	2.15	4.66%
Bare.....:	.23	.50%
Water.....:	.28	.61%
Herbaceous.....:	.00	-.--%
Forest.....:	.79	1.71%
Agri - Crops.....:	41.18	89.23%
Agri - pasture.....:	1.52	3.29%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....:	2.31	5.01%
Bare.....:	.04	.09%
Water.....:	.54	1.17%
Herbaceous.....:	.51	1.11%
Forest.....:	.49	1.06%
Agri - Crops.....:	41.82	90.64%
Agri - pasture.....:	.43	.93%

Land Use / Land Cover Change from 1999 to 2004

Area in Acres	Change TO						
	Urban	Bare	Water	Herbaceous	Forest	Agri-Crop	Agri-Pasture
Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	0.00	0.00
Water	4.42	1.20	-.--	0.00	64.43	192.68	11.24
FROM Herb	0.0	0.00	0.00	-.--	0.00	0.00	0.00
Forest	13.45	.40	.20	0.00	-.--	89.72	.80
Agri-Crops	317.72	8.43	15.25	0.00	72.26	-.--	9.43
Agri-Pasture	0.0	0.00	0.00	0.00	0.00	1.61	-.--

**Ditch No. 1 Outlet
(080202030512)**

Area Summary

Area - Square Miles.....	33.58
Area - Acres.....	21742.50

Elevation Summary

	<u>Meters</u>	<u>Feet</u>
Elevation Maximun.....	137.00	449.00
Elevation Minimum.....	59.00	194.00
Elevation Average.....	82.00	269.00

Land Use / Land Cover for 1999

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.37	1.10%
Bare.....	.00	-.--%
Water.....	1.01	3.00%
Herbaceous.....	.13	.39%
Forest.....	11.95	35.44%
Agri - Crops.....	17.41	51.63%
Agri - pasture.....	2.85	8.45%

Land Use / Land Cover for 2004

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.48	1.42%
Bare.....	.10	.30%
Water.....	.96	2.85%
Herbaceous.....	.08	.24%
Forest.....	11.10	32.93%
Agri - Crops.....	18.14	53.81%
Agri - pasture.....	2.85	8.45%

Land Use / Land Cover for 2006

	<u>Sq. Miles</u>	<u>% of Total</u>
Urban.....	.46	1.36%
Bare.....	.07	.21%
Water.....	1.29	3.83%
Herbaceous.....	.88	2.61%
Forest.....	10.94	32.46%
Agri - Crops.....	17.84	52.94%
Agri - pasture.....	2.22	6.59%

Land Use / Land Cover Change from 1999 to 2004

Area in Acres	Change TO						
	Urban	Bare	Water	Herbaceous	Forest	Agri-Crop	Agri-Pasture
FROM Urban	-.--	-.--	-.--	-.--	-.--	-.--	-.--
Bare	0.0	-.--	0.00	0.00	0.00	1.20	0.00
Water	0.0	.20	-.--	0.00	83.90	63.22	16.46
FROM Herb	.60	.40	0.00	-.--	24.49	50.38	3.01
Forest	6.62	2.61	11.44	0.00	-.--	632.44	200.71
Agri-Crops	34.72	1.20	7.02	0.00	142.10	-.--	31.11
Agri-Pasture	6.42	.20	3.01	0.00	110.99	39.14	-.--