

**TABLE 1 - WATER QUALITY DATA FOR 1980-2009**

\*\* USGS HYDROLOGIC UNIT: 03100102 MYAKKA RIVER

SURFACE WATER QUALITY DATA FOR 1980-1995

MEDIAN VALUES FOR EACH WATERSHED

SCREENING LEVEL EXCEEDENCES (\*)

CURRENT PERIOD OF RECORD (1990-1995) USED WHERE AVAILABLE

PERIOD PRIOR TO 1990 IS EVALUATED AS HISTORICAL INFORMATION

INDEX	GOOD	FAIR	POOR
WQI-RIVER	0-44	45-59	60-90
TSI - ESTUARY	0-49	50-59	60-100
TSI - LAKE	0-59	60-69	70-100

WATERSHED ID	NAME	WATERSHED DATA RECORD				WATER CLARITY			DISSOLVED OXYGEN			OXYGEN DEMAND			PH ALKALINITY			TROPHIC STATUS			COLIFORM BACTERIA		COND	WATER QUALITY INDICES	
		MAX #OBS	BEG YR	END YR	DATA PERIOD	TURB*	TSS*	SD	COLOR	DO*	DOSAT	BOD*	COD*	TOC*	PH	ALK	NITRO*	PHOS*	CHLA*	TOTAL*	FECL*	COND		WQI	TSI
*WATER BODY TYPE: ESTUARY																									
1	MYAKKA RIVER	25	90	92	CURRENT	2.9	12	0.9	60	6.5	73	2.2	-	12	7.5	91	1.00	0.16*	11	-	2	25127	-	55	
6	MYAKKA RIVER	13	93	94	CURRENT	3.5	12	0.9	65	5.7	71	-	-	13	7.6	79	0.83	0.17*	6	-	20	26765	-	48	
7	SAM KNIGHT CREEK	6	91	91	CURRENT	2.1	-	-	60	4.9	53	2.0	-	7.3	-	-	1.13	0.12*	5	-	44	19500	-	52	
8	MYAKKA RIVER	12	85	85	HISTORICAL	1.9	11	0.9	38	5.4	66	-	-	10	-	-	1.20	0.30*	-	-	-	30350	-	64	
11	UNNAMED CREEK	13	90	91	CURRENT	2.6	-	-	69	4.5	55	-	-	7.5	-	-	1.35*	0.37*	-	750	75	15513	-	66	
*WATER BODY TYPE: LAKE																									
47	UPPER LAKE MYAKKA	45	80	89	HISTORICAL	14.0	-	1.3	96	7.3	80	-	-	6.8	37	1.09	0.19*	8	-	-	210	-	61		
*WATER BODY TYPE: STREAM																									
16	MYAKKAHATCHEE CREEK	13	90	91	CURRENT	3.4	-	-	129	6.2	73	-	-	7.5	-	1.34	0.48*	-	1,500	200*	2505	50	-		
24	DEER PRAIRIE SLOUGH	9	91	91	CURRENT	-	-	-	280	6.0	69	1.7	-	21	6.7	-	1.31	0.08*	-	110	3	270	42	-	
32	MYAKKA RIVER	85	90	94	CURRENT	1.5	3	1.0	113	6.1	70	1.6	-	6.9	36	1.16	0.27*	4	378	122	320	45	-		
39	BIG SLOUGH CANAL	38	90	91	CURRENT	2.4	-	-	155	5.7	66	1.3	-	16	7.1	-	1.33	0.49*	-	1,375	143	593	52	-	
40	DEER PRAIRIE CREEK	17	91	94	CURRENT	6.6	2	0.2	125	6.0	68	1.4	-	18	5.6	174	0.97	0.39*	-	120	168	300	55	-	
44	MYAKKA RIVER	29	90	94	CURRENT	0.9	10	-	200	1.7*	21	-	-	6.7	-	-	1.12	0.34*	-	1,500	50	350	54	-	
46	MUD LAKE SLOUGH	21	90	94	CURRENT	10.0	10	0.6	245	5.5	61	1.5	-	22*	6.6	20	1.45	0.44*	-	938	198*	241	60	-	
52	HOWARD CREEK	13	90	91	CURRENT	4.1	-	-	196	5.2	58	-	-	7.0	-	-	1.62*	1.13*	-	1750*	200*	519	52	-	
54	MYAKKA RIVER (UPPER)	94	90	94	CURRENT	2.0	1	1.2	110	7.3	78	0.8	-	20	6.8	32	0.86	0.31*	2	1625*	103	327	38	-	
55	UNNAMED CREEK	9	84	84	HISTORICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60	OWEN CREEK	4	93	93	CURRENT	20.7	9	0.2	95	3.5*	39	-	-	11	6.0	37	1.68*	0.34*	-	-	35000*	763	71	-	
68	LONG CREEK	9	93	93	CURRENT	2.2	2	1.0	80	6.2	66	-	-	14	6.2	8	0.99	0.10*	-	-	480*	295	46	-	
69	WINGATE CREEK	18	92	95	CURRENT	2.5	2	0.6	76	5.8	62	0.8	-	24*	6.6	29	0.78	0.27*	-	340	64	164	41	-	

LEGEND: CHLA - CHLOROPHYLL UG/L DO - DISSOLVED OXYGEN MG/L MAX #OBS - MAXIMUM NUMBER OF SAMPLES SD - SECCHI DISC METERS TSS - TOTAL SUSPENDED SOLIDS MG/L  
 ALK - ALKALINITY MG/L COD - CHEMICAL OXY DEMAND MG/L DOSAT - DO % SATURATION NITRO - TOTAL NITROGEN MG/L TOC - TOTAL ORGANIC CARBON M TURB - TURBIDITY MG/L  
 BEG YR - BEGINNING SAMPLING YEAR COLOR - COLOR PCU END YR - ENDING YEAR PH - PH STANDARD UNITS TOTAL - TOTAL COLIFORM MPN/100ML WQI - WATER QUALITY INDEX  
 BOD - BIOCHEMICAL OXY DEMAND MC COND - CONDUCTIVITY UMHOS FECL - FECAL COLIFORM MPN/100ML PHOS - TOTAL PHOSPHORUS MG/L TSI - TROPIC STATE INDEX

(\*) SCREENING LEVELS ARE PRESENTED IN TABLE 10, INTRODUCTION AND METHODS: \*\* EXCEEDS SCREENING CRITERIA

Table – 1