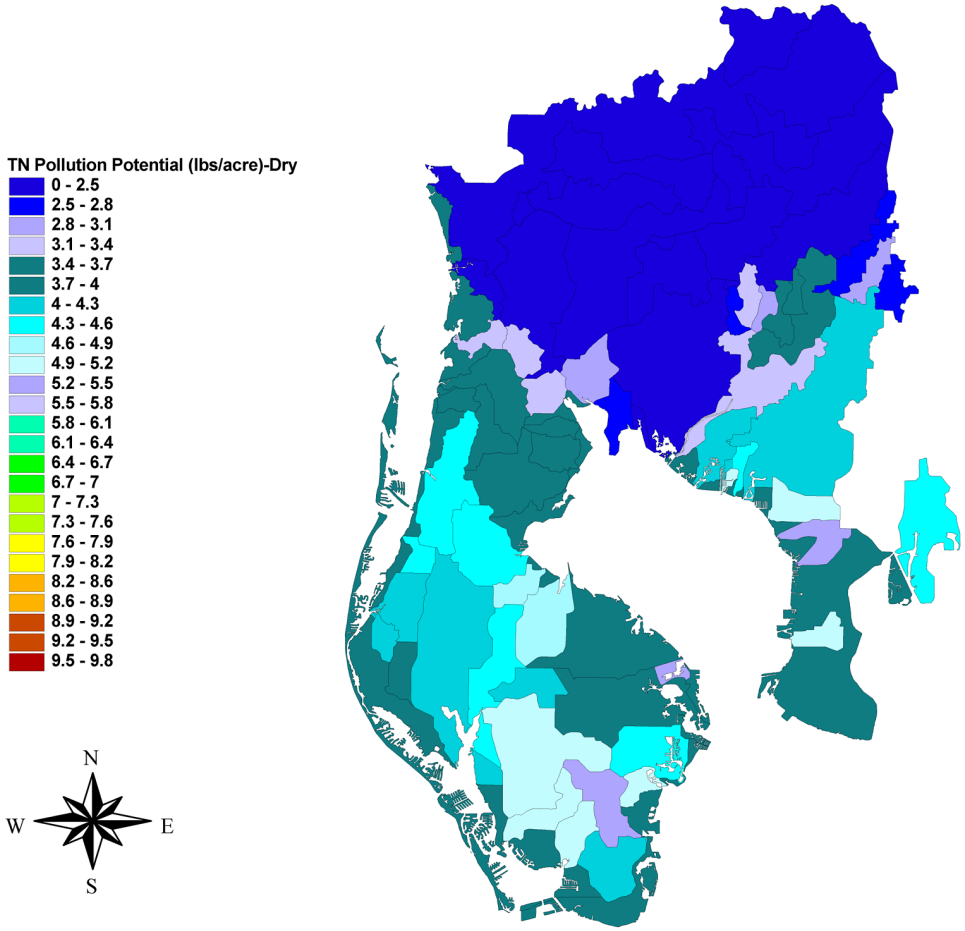
TB/A NITROGEN LOADING POTENTIAL
BASED ON 1999 LAND USE AND DRY SEASON CONDITIONS



USGS Drainage Basin	Rank	Area (acres)	Runoff Vol (acre-ft)	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	BOD5 (lbs/yr)	Zinc (lbs/yr)	Lead (lbs/yr)
CROSS CYPRESS BRANCH	1	6851	2377	5133	536	61849	17030	117	192
BROOKER CREEK	2	18464	6933	29581	5814	333149	87874	577	716
HORSE LAKE	3	271	112	435	98	3877	977	6	4
SALT LAKE	4	605	272	1213	176	12890	3751	16	25
HOLLIN CREEK	5	7828	3400	14946	2934	127622	38126	203	275
UPPER BROOKER CREEK	6	7168	2856	12880	2771	153154	36136	274	235
BOAT BAYOU	7	734	349	1482	259	15517	4242	29	39
LAKE TARPON	8	11705	4697	23170	4466	392466	99414	720	990
UNNAMED DITCH	9	7131	3000	14027	3017	108839	32873	178	174
UPPER ROCKY CREEK	10	10827	4960	23061	4454	335700	75072	608	676
LAKE ANN OUTLET	11	3507	1535	7353	1505	90634	24040	190	200
SOUTH BRANCH	12	15535	6969	31509	6723	294356	81247	530	512
DOUBLE BRANCH	13	18204	8974	39391	7204	565772	124218	1026	1439
KLOSTERMAN BAYOU RUN	14	2750	1185	5949	1139	103934	27539	193	284
SUNSET LAKE OUTLET	15	693	272	1394	337	9234	2854	15	11
ANCLOTE RIVER	16	41343	19794	88983	18314	1051383	292679	2089	2669
SANDY BRANCH	17	5565	2576	11741	2821	108537	28474	224	147
CHAPMAN LAKE OUTLET	18	2027	1037	5276	1002	84753	19196	160	190
MOBBLY BAYOU	19	2013	1240	5602	972	117721	16220	256	361
DUCK SLOUGH	20	8802	4510	22159	4527	275125	69298	561	686
MASTERS BAYOU	21	829	540	2566	399	51593	8843	130	188
MOCCASIN CREEK	22	3540	2162	10095	1811	184219	40140	359	531
DRAINAGE CANAL	23	3690	1919	9966	2054	146088	36102	250	308
SLOUGH	24	1294	698	3455	740	45168	11523	84	90
LAKE DRAINAGE DITCH	25	1883	1051	5439	1075	84082	20600	149	183
HALFMOON LAKE DRAIN	26	1018	597	3178	669	52892	12208	89	113
LOWER ROCKY CREEK	27	10042	6350	32696	6555	558861	136322	990	1384
SUTHERLAND BAYOU	28	2255	1328	7303	1551	132567	35017	239	326
LAKE TARPON CANAL	29	2546	1668	8619	1749	151564	38684	257	366
BRUSHY CREEK	30	6687	4422	23201	4827	396046	103625	656	968
COW BRANCH	31	2539	1579	8714	1861	161073	43760	280	416
MULLET CREEK	32	2351	1614	8542	1776	155532	39023	293	412
LAKE LE CLARE DRAIN	33	2363	1630	8793	1860	153918	39592	257	372
CURLEW CREEK	34	5222	3730	20165	4079	373508	98989	762	1065
WALSINGHAM RESERVOIR	35	2478	1685	9096	2003	165037	43184	234	359
DIRECT RUNOFF TO BAY	36	45386	35553	177976	34662	3490865	785635	7260	10081
DIRECT RUNOFF TO GULF	37	28496	20442	109329	22813	1990156	552640	3678	5228
CEDAR CREEK	38	1668	1132	6145	1367	112493	30037	160	244
WOODS CREEK	39	719	620	3040	496	45310	14619	99	145
ALLIGATOR CREEK	40	6506	4962	25911	5113	507094	122375	1092	1534
SWEETWATER CREEK	41	20998	16412	85988	16384	1774979	357877	3871	5447
BISHOP CREEK	42	1429	1020	5481	1169	95896	24626	165	208
GRANDE BAYOU	43	10859	8333	43522	8661	826930	208938	1666	2421
SHORE ACRES DRAIN	44	684	437	2534	578	46764	12970	65	102
JERRY BRANCH	45	3372	2385	13122	2786	243627	64105	421	625
CHANNEL G	46	3903	3043	16041	3179	270523	75032	463	669
DRAINAGE DITCHES	47	1309	925	5117	1130	85617	23241	123	185
YBOR CITY DRAIN	48	5835	4845	25526	4660	555677	107332	1365	1923
SALT CREEK	49	4766	3587	19350	4067	361636	95175	641	949
LONG BAYOU	50	15031	11711	61890	12665	1241616	278969	2373	3458
CHURCH CREEK	51	1993	1522	8339	1767	152445	42352	275	395
PINELLAS PARK DITCH	52	2826	2293	12248	2501	231723	60141	474	668
MCKAY CREEK	53	4270	3353	18184	3914	341542	92679	591	847
FISH CREEK	54	3795	3567	18934	3144	446784	59228	1164	1652
ALLEN CREEK	55	6726	5436	29711	6260	536198	148334	1019	1414
PEPPER MOUND CREEK	56	1333	1139	5999	1259	108330	30964	197	283
CROSS CANAL (NORTH)	57	5293	5049	25567	4693	633483	79615	1418	2078
CROSS CANAL (SOUTH)	58	6188	5411	28693	5693	589382	127267	1217	1757
BELLEAIR GOLFCLUB RUN	59	2139	1777	9745	2037	178310	50017	319	474
LONG BRANCH	60	2174	1936	10400	2053	201508	50596	454	625
STEVENSON CREEK	61	7760	6596	35745	7467	666308	184177	1292	1837
SMACKS BAYOU	62	6536	5278	29633	6471	548469	150218	894	1340
ST JOE CREEK	63	12745	11614	63565	13447	1230718	312076	2304	3337
WOODS CREEK TRIBUTARY	64	439	398	2189	472	40086	11542	71	103
LEMMON STREET DITCH	65	5026	4943	26800	4921	542235	128336	1417	1944
CLAM BAYOU DRAIN	66	3349	3160	17192	3562	344209	83516	682	994
COFFEEPOT BAYOU	67	2018	1802	10084	2149	187054	52487	340	498
RATTLESNAKE DITCH	68	2796	2647	14629	3074	292258	72808	554	811
BEAR CREEK	69	5283	4848	27244	5952	510068	141591	875	1296
BOOKER CREEK	70	6098	5991	32542	6587	649499	161685	1386	1983

Note: Rank is based on the combined estimated loading potential of the basin area for nitrogen and phosphorus under dry hydrologic conditions.
A low numeric rank indicates low loading potential.

MAP 16

Tampa Bay/Anclote River Watershed Nitrogen Loading Potential Based on 1999 Land Use and Dry Season Conditions, November 30, 2001

Southwest Florida Water Management District, *Tampa Bay/Anclote River Comprehensive Watershed Management Plan Atlas* (Brooksville, FL: Southwest Florida Water Management District, 2001)

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