



Starting Loads, Load Reductions, and Allocations

In The Tables to Follow

The Basin Management Action Plan (BMAP) for meeting the Total Maximum Daily Load (TMDL) of Nutrients to the Watershed

The Starting load output from the Load Estimation Tool (LET) built from the Spatial Watershed Iterative Loading (SWIL) Model

The Remaining Allowable Load after reductions are met

BMAP	PZ	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
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A Project Zone is a smaller area delineated within the BMAP to guide nutrient reduction projects

The Stakeholder responsible for the reductions

The Calculated Required Reduction Based on the Starting Loads and Anthropogenic Contribution



North IRL - Project Zone A (TN)

Included in Draft NIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
North IRL	A	Agricultural Producers	28,374	20,550	7,824
North IRL	A	Brevard County	38,328	27,759	10,569
North IRL	A	City of Edgewater	2,704	1,959	746
North IRL	A	City of Titusville	51,549	37,334	14,215
North IRL	A	FDOT District 5	5,972	4,325	1,647
North IRL	A	Kennedy Space Center	13,435	9,730	3,705
North IRL	A	Volusia County	23,029	16,679	6,350
North IRL	A	*City of Oak Hill	371	269	102
North IRL	A	Natural Lands	235,399	0	235,399
North IRL	A Total		399,161	118,604	280,558

* Entity has < 0.3% contribution to total load



North IRL - Project Zone A (TP)

Included in Draft NIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
North IRL	A	Agricultural Producers	4,278	3,522	757
North IRL	A	Brevard County	5,842	4,809	1,033
North IRL	A	City of Edgewater	361	297	64
North IRL	A	City of Titusville	7,561	6,224	1,337
North IRL	A	FDOT District 5	766	631	135
North IRL	A	Kennedy Space Center	1,728	1,422	305
North IRL	A	Volusia County	3,309	2,724	585
North IRL	A	*City of Oak Hill	49	40	9
North IRL	A	Natural Lands	22,127	0	22,127
North IRL	A Total		46,021	19,669	26,352

* Entity has < 0.3% contribution to total load



North IRL - Project Zone B (TN)

Included in Draft NIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
North IRL	B	Agricultural Producers	9,724	4,714	5,010
North IRL	B	Brevard County	139,866	64,506	75,360
North IRL	B	City of Cocoa	18,189	8,837	9,352
North IRL	B	City of Melbourne	77,791	34,378	43,413
North IRL	B	City of Rockledge	27,669	11,322	16,348
North IRL	B	City of Titusville	5,226	2,619	2,607
North IRL	B	FDOT District 5	7,921	3,640	4,281
North IRL	B	Kennedy Space Center	4,836	2,423	2,413
North IRL	B	Town of Indialantic	1,623	664	959
North IRL	B	Town of Palm Shores	1,924	787	1,137
North IRL	B	Natural Lands	65,154	0	65,154
North IRL	B Total		359,923	133,891	226,032



North IRL - Project Zone B (TP)

Included in Draft NIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
North IRL	B	Agricultural Producers	1,472	958	513
North IRL	B	Brevard County	20,746	12,667	8,079
North IRL	B	City of Cocoa	2,645	1,726	920
North IRL	B	City of Melbourne	11,420	6,292	5,128
North IRL	B	City of Rockledge	3,982	2,135	1,848
North IRL	B	City of Titusville	703	474	229
North IRL	B	FDOT District 5	1,059	641	418
North IRL	B	Kennedy Space Center	524	353	170
North IRL	B	Town of Indialantic	244	131	113
North IRL	B	Town of Palm Shores	276	148	128
North IRL	B	Natural Lands	7,132	0	7,132
North IRL	B Total		50,203	25,524	24,679



Banana River Lagoon (TN)

Included in Draft BRL BMAP Report

BMAP	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
Banana River	Agricultural Producers	4,130	2,901	1,229
Banana River	Brevard County	54,981	40,366	14,614
Banana River	City of Cape Canaveral	8,915	6,262	2,653
Banana River	City of Cocoa Beach	16,412	11,528	4,884
Banana River	City of Indian Harbour Beach	10,891	7,650	3,241
Banana River	City of Satellite Beach	14,576	10,238	4,337
Banana River	FDOT District 5	4,253	3,035	1,218
Banana River	Kennedy Space Center	11,507	8,023	3,484
Banana River	US Air Force	31,840	22,243	9,597
Banana River	*Port Canaveral	416	293	125
Banana River	Natural Lands	113,833	0	113,833
Banana River Total		271,754	112,539	159,215

** Entity has < 0.3% contribution to total load*



Banana River Lagoon (TP)

Included in Draft BRL BMAP Report

BMAP	Entity	Starting TP Load (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
Banana River	Agricultural Producers	516	384	132
Banana River	Brevard County	8,078	6,337	1,742
Banana River	City of Cape Canaveral	1,419	1,051	368
Banana River	City of Cocoa Beach	2,500	1,851	648
Banana River	City of Indian Harbour Beach	1,675	1,241	435
Banana River	City of Satellite Beach	2,160	1,600	560
Banana River	FDOT District 5	588	445	143
Banana River	Kennedy Space Center	1,504	1,112	393
Banana River	US Air Force	4,345	3,213	1,133
Banana River	*Port Canaveral	54	40	14
Banana River	Natural Lands	13,189	0	13,189
Banana River Total		36,028	17,274	18,757

** Entity has < 0.3% contribution to total load*



Central IRL - Project Zone A (TN)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load after C-1 Diversion (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
Central IRL	A	Agricultural Producers	53,905	28,912	24,993
Central IRL	A	Brevard County	37,176	19,940	17,237
Central IRL	A	City of Melbourne	63,245	33,921	29,324
Central IRL	A	City of Palm Bay	205,713	110,334	95,379
Central IRL	A	City of West Melbourne	34,398	18,449	15,949
Central IRL	A	FDOT District 5	9,744	5,226	4,518
Central IRL	A	Town Melbourne Beach	5,252	2,817	2,435
Central IRL	A	Town of Grant-Valkaria	38,257	20,519	17,738
Central IRL	A	Town of Malabar	23,093	12,386	10,707
Central IRL	A	*Town of Indialantic	3,589	1,925	1,664
Central IRL	A	*Town of Melbourne Village	3,194	1,713	1,481
Central IRL	A	*US Air Force Malabar Annex	954	512	442
Central IRL	A	WCD	11,959	6,414	5,545
Central IRL	A	Natural Lands	125,692	0	125,692
Central IRL	A Total		616,171	263,067	353,104

* Entity has < 0.3% contribution to total load



Central IRL - Project Zone A (TP)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load after C-1 Diversion (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
Central IRL	A	Agricultural Producers	8,285	4,740	3,545
Central IRL	A	Brevard County	5,588	3,197	2,391
Central IRL	A	City of Melbourne	9,057	5,182	3,875
Central IRL	A	City of Palm Bay	29,785	17,041	12,743
Central IRL	A	City of West Melbourne	5,010	2,866	2,143
Central IRL	A	FDOT District 5	1,300	744	556
Central IRL	A	Town Melbourne Beach	779	446	333
Central IRL	A	Town of Grant-Valkaria	5,472	3,131	2,341
Central IRL	A	Town of Malabar	3,338	1,910	1,428
Central IRL	A	*Town of Indialantic	531	304	227
Central IRL	A	*Town of Melbourne Village	475	272	203
Central IRL	A	*US Air Force Malabar Annex	118	67	50
Central IRL	A	WCD	1,641	939	702
Central IRL	A	Natural Lands	13,704	0	13,704
Central IRL	A Total		85,081	40,839	44,242

* Entity has < 0.3% contribution to total load



Central IRL - Project Zone SEB (TN)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load after C-1 Diversion (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
Central IRL	SEB	Agricultural Producers	239,638	128,681	110,957
Central IRL	SEB	Brevard County	52,120	27,987	24,133
Central IRL	SEB	City of Fellsmere	10,603	5,694	4,910
Central IRL	SEB	City of Palm Bay	3,087	1,657	1,429
Central IRL	SEB	City of Sebastian	61,820	33,196	28,624
Central IRL	SEB	FDOT District 4	6,191	3,325	2,867
Central IRL	SEB	FDOT District 5	3,314	1,780	1,535
Central IRL	SEB	Indian River County	87,942	47,223	40,719
Central IRL	SEB	Town of Grant-Valkaria	9,462	5,081	4,381
Central IRL	SEB	*Town of Orchid	2,547	1,368	1,179
Central IRL	SEB	WCD	12,958	6,957	5,999
Central IRL	SEB	Natural Lands	272,914	0	272,914
Central IRL	SEB Total		762,595	262,949	499,646

* Entity has < 0.3% contribution to total load



Central IRL - Project Zone SEB (TP)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load after C-1 Diversion (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
Central IRL	SEB	Agricultural Producers	32,975	22,286	10,689
Central IRL	SEB	Brevard County	7,769	5,251	2,519
Central IRL	SEB	City of Fellsmere	1,544	1,043	500
Central IRL	SEB	City of Palm Bay	413	279	134
Central IRL	SEB	City of Sebastian	8,901	6,015	2,885
Central IRL	SEB	FDOT District 4	741	501	240
Central IRL	SEB	FDOT District 5	418	282	135
Central IRL	SEB	Indian River County	12,696	8,580	4,116
Central IRL	SEB	Town of Grant-Valkaria	1,346	910	436
Central IRL	SEB	*Town of Orchid	367	248	119
Central IRL	SEB	WCD	1,626	1,099	527
Central IRL	SEB	Natural Lands	28,068	0	28,068
Central IRL	SEB Total		96,865	46,495	50,370

* Entity has < 0.3% contribution to total load



Central IRL - Project Zone B (TN)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
Central IRL	B	Agricultural Producers	118,698	74,773	43,926
Central IRL	B	City of Vero Beach	48,755	30,713	18,042
Central IRL	B	FDOT District 4	9,487	5,976	3,511
Central IRL	B	Indian River County	269,295	169,639	99,656
Central IRL	B	Town of Indian River Shores	17,525	11,040	6,485
Central IRL	B	WCD	3,542	2,231	1,311
Central IRL	B	Natural Lands	99,706	0	99,706
Central IRL	B Total		567,009	294,372	272,637



Central IRL - Project Zone B (TP)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
Central IRL	B	Agricultural Producers	16,081	9,120	6,961
Central IRL	B	City of Vero Beach	7,049	3,998	3,051
Central IRL	B	FDOT District 4	1,276	724	552
Central IRL	B	Indian River County	39,199	22,231	16,968
Central IRL	B	Town of Indian River Shores	2,639	1,497	1,142
Central IRL	B	WCD	479	272	208
Central IRL	B	Natural Lands	12,113	0	12,113
Central IRL	B Total		78,837	37,842	40,995



Central IRL - Project Zone SIRL (TN)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TN Load (lbs/yr)	TN Reduction (lbs/yr)	TN Allocation (lbs/yr)
Central IRL	SIRL	Agricultural Producers	65,378	31,287	34,091
Central IRL	SIRL	FDOT District 4	7,052	3,375	3,677
Central IRL	SIRL	St. Lucie County	104,021	49,780	54,241
Central IRL	SIRL	*Town of St. Lucie Village	3,608	1,727	1,881
Central IRL	SIRL	*City of Fort Pierce	1,854	887	967
Central IRL	SIRL	*FL Turnpike	818	391	426
Central IRL	SIRL	WCD	17,145	8,205	8,940
Central IRL	SIRL	Natural Lands	66,304	0	66,304
Central IRL	SIRL Total		266,181	95,652	170,528

** Entity has < 0.3% contribution to total load*



Central IRL - Project Zone SIRL (TP)

Included in Draft CIRL BMAP Report

BMAP	PZ	Entity	Starting TP Load (lbs/yr)	TP Reduction (lbs/yr)	TP Allocation (lbs/yr)
Central IRL	SIRL	Agricultural Producers	10,057	7,173	2,884
Central IRL	SIRL	FDOT District 4	961	685	275
Central IRL	SIRL	St. Lucie County	16,773	11,964	4,809
Central IRL	SIRL	*City of Fort Pierce	305	217	87
Central IRL	SIRL	*FL Turnpike	100	72	29
Central IRL	SIRL	WCD	2,487	1,774	713
Central IRL	SIRL	*Town of St. Lucie Village	638	455	183
Central IRL	SIRL	Natural Lands	7,653	0	7,653
Central IRL	SIRL Total		38,975	22,341	16,634

** Entity has < 0.3% contribution to total load*