

Lake Jesup BMAP Surface Runoff Allocation Table
PHOSPHORUS (all load values are gross loads, in pounds/year)

DRAFT - October 20, 2008

Column:	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Allocation Entity	TP Loading					Reductions Required			Reductions Required for Each BMAP			Documented TP Reductions Achieved			TP Load Reductions from New Projects			Non-quantifiable Reductions	Final Phase 1 Load Reduction Remaining
	Surface Runoff Load (TMDL)	Adjusted Surface Runoff for Allocation	Septic Load (TMDL)	Adjusted Septic for Allocation	Total Load for Allocation	Surface Reduction Required	Septic Reduction Required	Total Reduction Required	Phase 1 Required Reduction (2009-2014)	Phase 2 Required Reductions (2015-2019)	Phase 3 Required Reduction (2020-2024)	TMDL BMPs	Completed/ Funded Structural Projects	Completed/ Funded Non-Structural Activities	Structural Projects	Non-Structural Activities	Interagency Project Participation		
Agriculture	1,185	1,149	0	0	1,149	771	0	771	257.1	257.1	257.1	20							237
Altamonte Springs	131	116	20	20	135	78	12	89	29.8	29.8	29.8	33							(3)
Casselberry	1,466	1,322	441	235	1,558	888	140	1,028	342.8	342.8	342.8	79							264
DOT District 5	690	687	0	0	687	461	0	461	153.8	153.8	153.8	162							(8)
Eatonville	191	191	0	3	194	128	1	130	43.3	43.3	43.3	10							34
Lake Mary	922	853	633	376	1,228	573	224	797	265.6	265.6	265.6	81							184
Longwood	927	813	548	309	1,123	546	184	731	243.6	243.6	243.6	60							184
Maitland	606	606	447	300	906	407	179	586	195.3	195.3	195.3	1							194
OOCEA	24	23	0	0	23	16	0	16	5.2	5.2	5.2	0							5
Orange Co (unincorporated)	1,203	934	230	1,811	2,744	627	1,080	1,707	569.2	569.2	569.2	32							538
Orlando	1,518	1,518	0	55	1,574	1,020	33	1,053	351.0	351.0	351.0	693							(342)
Oviedo	1,262	1,138	18	18	1,156	764	11	775	258.4	258.4	258.4	358							(100)
Sanford (city)	2,179	2,084	583	16	2,100	1,400	10	1,409	469.7	469.7	469.7	389							80
Sanford (Site 10 stormwater)	900	632	0	0	632	424	0	424	141.5	141.5	141.5	0							141
Seminole Co (unincorporated)	8,533	7,859	2,853	2,277	10,136	5,278	1,358	6,637	2212.3	2212.3	2212.3	1,615							597
Turnpike Authority	440	430	0	0	430	289	0	289	96.3	96.3	96.3	37							59
Winter Park	1,662	1,662	0	96	1,757	1,116	57	1,173	391.1	391.1	391.1	218							173
Winter Springs	2,520	2,274	119	27	2,301	1,527	16	1,543	514.4	514.4	514.4	786							(272)
Water/Wetland/ Conservation Areas	7,764	7,719	-	-	7,719	0	0	0	0.0	0.0	0.0	213	-	-	-	-	-	-	-
TOTAL (lbs)	34,123	32,009	5,892	5,542	37,551	16,314	3,307	19,621	6540.4	6540.4	6540.4	4,787							
TOTAL (MT)	15.5	14.5	2.7	2.5	17.0	7.4	1.5	8.9	3.0	3.0	3.0	2.2							

Lake Jesup BMAP Allocations - Allocation Spreadsheet Data Sources

October 20, 2008

Column	Information	Data Source	Details
A	Surface Runoff Load (TMDL)	TMDL loading rates and GIS layer (J. Walter, 3/12/08)	-
B	Adjusted Surface Runoff for Allocation	BMAP loading rates and GIS layer (J. Walter, 3/12/08)	-
C	Septic Load (TMDL)	Assignment of TMDL septic loading based on spatial location of area served by septic tanks and associated TP loading by parcel (incorporates population density as described in TMDL).	See Section 4.2.2.3.F & Figure 4.7 in the TMDL
D	Adjusted Septic for Allocation	Septic loading based on a 75 foot buffer around surface waters, includes data from TMDL plus the jurisdictions with missing information (Eatonville, Maitland, Orlando, Orange County, and Winter Park)	Eatonville with geocoded DOH CENTRAX permit records. Orlando, Maitland, Orange Co., & Winter Park calculated via same method as identified in TMDL (with new information on septic service areas provided by jurisdictions).
E	Total Load for Allocation	= Adjusted Surface Runoff + Adjusted Septic	-
F	Surface Reduction Required	= [(Entity Adjusted Surface Runoff Load x Total Surface Runoff Reduction Required)] / [(Total Adjusted Surface Runoff Load)-(Water/Wetland/Conservation Area Load)]	"Total surface runoff reduction required" from TMDL; see Derivation of Reductions Worksheet
G	Septic Reduction Required	= [(Entity Adjusted BMAP Load x Total Septic Reduction Required)] / (Adjusted Septic Load)	"Total septic reduction required" from TMDL; see Derivation of Reductions Worksheet
H	Total Reduction Required	= Surface Reduction Required + Septic Reduction Required	
I	Phase 1 Required Reduction (2009-2014)	=(Total Reduction Required)/3	Based on 15 year implementation schedule (three, five year cycles)
J	Phase 2 Required Reduction (2015-2019)	=(Total Reduction Required)/3	Based on 15 year implementation schedule (three, five year cycles)
K	Phase 3 Required Reduction (2020-2024)	=(Total Reduction Required)/3	Based on 15 year implementation schedule (three, five year cycles)
L	TMDL BMPs	Updated BMP load reduction calculations (J. Walter, 3/12/08)	Based on information in TMDL Section 4.2.2.3.C
M	Completed/Funded Structural Projects	Project sheets & load reduction calculations	Pending completion of project sheets by allocation entities
N	Completed/Funded Non-Structural Activities	Project sheets & load reduction calculations	Pending completion of project sheets by allocation entities
O	Planned Structural Projects	Project sheets & load reduction calculations	Pending completion of project sheets by allocation entities
P	Planned Non-Structural Activities	Project sheets & load reduction calculations	Pending completion of project sheets by allocation entities
Q	Interagency Project Participation	Project sheets & load reduction calculations	Pending completion of project sheets by allocation entities
R	Non-Quantifiable Reductions	TBD	May not include this column in final allocation table
S	Final Phase 1 Load Reduction Remaining	= (Phase 1 Required Reduction) - [(TMDL BMPs) + (Completed/Funded Structural Projects) + (Completed/Funded Non-Structural Activities) + (Planned Structural Projects) + (Planned Non-Structural Activities) + (Interagency Project Participation)]	Should be "0"