Okeechobee Water Quality Monitoring Program
Tributary Sampling Sites
Total Phosphorus Concentrations (mg/l)
Month of JUNE 2001

STATION	TCNS MONTHLY GRABS	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK 5	POR AVG.	LAST YEAR	12 MO AVG.	12 MO N
TCNS 212	East Otter Creek at Hwy 441 N		ND				0.26	0.18	0.66	2
TCNS 218	Oncoming to Larson #8 at county rd.			0.06			0.30	0.26	0.06	1
TCNS 219	Hale Farms above Larson #8			0.04			0.30	0.13	0.08	9
TCNS 243	West Otter Cr. U.S. of Rucks #3		ND				0.28	0.15	0.19	2
TCNS 249	Nubbin Slough at Berman Road			NS			0.47	0.29	0.81	4
TCNS 252	Trib. above New Palm			ND			0.82	0.61	0.41	4
TCNS 254	Trib N. of Underhill Dairy			0.46			0.69	0.67	0.67	7
TCNS 268	Oncoming to Davie Dairy			0.07			0.15	0.08	0.06	7
TCNS 271	Trib. S. of Underhill Dairy			ND			0.42	0.67	0.53	3
TCNS 272	Mosquito Creek U.S. Larson 5 - 8			0.26			0.44	0.39	0.70	5
	TCNS BIWEEKLY GRABS									
TCNS 201	NW Taylor Creek at Hwy 68		ND				0.49	0.49	---	0
TCNS 204	Little Bimini at Potter Rd.		0.59				1.00	0.86	0.47	5
TCNS 207	Otter Cr. @ S13B	0.69			1.23		0.87	1.33	1.04	25
TCNS 209	Otter Cr. at Potter Rd.	0.19			0.87		0.70	0.62	0.28	12
TCNS 213	Taylor Cr/G-Bar-E	0.24			0.61		0.52	0.50	0.23	25
TCNS 214	Williamson Ditch	0.31			0.26		0.25	0.26	0.18	26
TCNS 217	Wolf Creek	0.05			0.06		0.53	0.34	0.16	22
TCNS 222	Mosquito Creek L-63	ND			0.43		0.64	0.60	0.52	11
TCNS 228	Nubbin Slough L-63	NS			0.72		0.66	0.47	0.49	14
TCNS 230	Henry Creek L-63	ND			0.34		0.57	0.54	0.63	11
TCNS 233	Lettuce Creek L-63	NS			NS		0.48	0.45	0.50	21
	V TRIP BIWEEKLY GRABS									
S65	Structure	0.05		0.04			0.05	0.07	0.06	26
S65A	Structure	0.05		0.04			0.05	0.06	0.08	26
S65C	Structure	0.03		0.04			0.06	0.11	0.09	26
S65D	Structure	0.05		0.04			0.08	0.12	0.10	26
S65E	Structure	0.06		0.06			0.10	0.13	0.11	26

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

Report Completed: 12-03-01

Tributary Report -JUNE 2001 (Continued)

STATION	KREA MONTHLY GRABS	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK 5	POR AVG.	LAST YEAR	12 MO AVG.	12 MO N
KREA 09	Oncoming to Larson #1(Peavine)	ND					0.56	0.65	1.08	2
KREA 20	Sandfly Gully on Hwy 98				2.55		3.41	0.75	2.55	1
KREA 22	Gore Slough @ 700A Corner		0.06				0.07	0.07	0.06	7
KREA 23	Ash Slough @ Viking Weir		ND				0.04	0.10	0.11	4
KREA 28	Popash Sl.@ RR Bridge	ND					1.69	0.88	0.77	2
KREA 97	River Ranch Resort - Pool A	NS					0.07	0.06	0.08	10
KREA 91	Rattlesnake Oxbow - Pool A	NS					0.05	0.04	0.06	10
KREA 79	Bay Hammock Oxbow - Pool A	NS					0.05	0.04	0.08	7
KREA 92	Camp Hammock Oxbow - Pool A	0.04					0.06	0.05	0.06	12
KREA 93	Hickory Hammock Oxbow - Pool C	0.08					0.07	0.10	0.11	13
KREA 83	Starvation Slough - Pool C	ND					0.09	0.18	---	0
KREA 94	Micco Bluff Run Oxbow - Pool C	0.09					0.11	0.19	0.11	13
KREA 98	Montsdeoca Slough - Pool C	0.08					0.07	0.07	0.11	11
KREA 95	Istokpoga Oxbow - Pool C	0.06					0.08	0.13	0.09	13
	KREA BIWEEKLY GRABS									
KREA 01	Fish Slough @ Eagle Island Rd.		0.35				0.18	0.23	0.46	15
KREA 04	Chandler Slough @ Hwy 98				ND		0.22	0.13	0.32	1
KREA 06A	Cypress Slough @ Watford Beef				0.30		0.28	0.35	0.35	7
KREA 14	Clemons Outfall - Culvert @ Pump	ND					0.67	0.64	0.65	8
KREA 17A	Yates Marsh @ Baptist Children's Home	ND					0.24	0.28	---	0
KREA 19	Lg Culvert @ Queen Bee Farms	ND					0.79	0.62	0.59	16
KREA 25	Turkey Slough @ Hwy 98				ND		2.13	0.95	1.70	1
KREA 30A	Popash @ L-62	ND					1.19	0.80	0.52	4
KREA 32D	Rofra Oncoming to Drylake Dairy				ND		2.03	1.53	---	0

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

Report Completed: 12-03-01

Okeechobee Water Quality Monitoring Program
Tributary Sampling Sites
Total Phosphorus Concentrations (mg/l)
Month of JULY 2001

STATION	TCNS MONTHLY GRABS	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	POR	LAST	12 MO	
		02-06	09-13	16-20	23-27	30-03	AVG.	YEAR	AVG.	N
TCNS 212	East Otter Creek at Hwy 441 N		ND				0.26	0.12	1.21	1
TCNS 218	Oncoming to Larson #8 at county rd.	1.78		0.36		0.16	0.31	0.26	0.59	4
TCNS 219	Hale Farms above Larson #8	ND		1.40		0.57	0.31	0.11	0.26	10
TCNS 243	West Otter Cr. U.S. of Rucks #3		ND				0.28	0.15	0.09	1
TCNS 249	Nubbin Slough at Berman Road	0.25		NS		0.32	0.47	0.26	0.63	6
TCNS 252	Trib. above New Palm	ND		1.44		1.08	0.83	0.64	0.69	6
TCNS 254	Trib N. of Underhill Dairy	0.09		NS		0.30	0.68	0.70	0.51	8
TCNS 268	Oncoming to Davie Dairy	0.11		0.08		0.16	0.15	0.08	0.07	9
TCNS 271	Trib. S. of Underhill Dairy	ND		NS		0.26	0.42	0.77	0.46	4
TCNS 272	Mosquito Creek U.S. Larson 5 - 8	0.28		0.86		0.52	0.44	0.51	0.53	7
	TCNS BIWEEKLY GRABS									
TCNS 201	NW Taylor Creek at Hwy 68		ND				0.49	0.43	---	0
TCNS 204	Little Bimini at Potter Rd.		0.93				1.00	0.83	0.63	4
TCNS 207	Otter Cr. @ S13B				1.46		0.87	1.45	0.99	24
TCNS 209	Otter Cr. at Potter Rd.				1.26		0.70	0.58	0.40	11
TCNS 213	Taylor Cr/G-Bar-E				1.20		0.52	0.42	0.28	24
TCNS 214	Williamson Ditch				0.62		0.25	0.25	0.19	25
TCNS 217	Wolf Creek				0.84		0.53	0.29	0.15	21
TCNS 222	Mosquito Creek L-63				1.06		0.64	0.55	0.56	12
TCNS 228	Nubbin Slough L-63				0.95		0.66	0.44	0.55	13
TCNS 230	Henry Creek L-63				0.90		0.57	0.55	0.65	12
TCNS 233	Lettuce Creek L-63				0.84		0.48	0.46	0.49	20
	V TRIP BIWEEKLY GRABS									
S65	Structure	0.03		0.04		0.07	0.05	0.06	0.06	27
S65A	Structure	0.05		0.11		0.09	0.05	0.06	0.08	27
S65C	Structure	0.08		0.11		0.17	0.06	0.10	0.09	27
S65D	Structure	0.08		0.18		0.16	0.08	0.10	0.11	27
S65E	Structure	0.07		0.20		0.23	0.10	0.11	0.12	27

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

Report Completed:12-03-01

Tributary Report -JULY 2001 (Continued)

STATION	KREA MONTHLY GRABS	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	POR	LAST	12 MO	
		02-06	09-13	16-20	23-27	30-03	AVG.	YEAR	AVG.	N
KREA 09	Oncoming to Larson #1(Peavine)	ND				ND	0.56	0.63	1.08	2
KREA 20	Sandfly Gully on Hwy 98		2.00				3.40	0.65	2.27	2
KREA 22	Gore Slough @ 700A Corner		0.12				0.07	0.06	0.06	7
KREA 23	Ash Slough @ Viking Weir		0.18				0.04	0.10	0.13	4
KREA 28	Popash Sl.@ RR Bridge	ND				2.62	1.69	0.79	1.39	3
KREA 97	River Ranch Resort - Pool A	NS					0.07	0.06	0.08	9
KREA 91	Rattlesnake Oxbow - Pool A	NS					0.05	0.04	0.06	9
KREA 79	Bay Hammock Oxbow - Pool A	NS					0.05	0.05	0.06	6
KREA 92	Camp Hammock Oxbow - Pool A	0.06					0.06	0.05	0.06	12
KREA 93	Hickory Hammock Oxbow - Pool C	*	*	*	*	*	0.07	0.09	0.11	12
KREA 83	Starvation Slough - Pool C	*	*	*	*	*	0.09	0.09	---	0
KREA 94	Micco Bluff Run Oxbow - Pool C	*	*	*	*	*	0.11	0.10	0.12	12
KREA 98	Montsdeoca Slough - Pool C	*	*	*	*	*	0.07	0.07	0.11	11
KREA 95	Istokpoga Oxbow - Pool C	*	*	*	*	*	0.08	0.12	0.10	12
	KREA BIWEEKLY GRABS									
KREA 01	Fish Slough @ Eagle Island Rd.		ND				0.18	0.22	0.46	13
KREA 04	Chandler Slough @ Hwy 98		ND				0.22	0.12	0.32	1
KREA 06A	Cypress Slough @ Watford Beef		0.38				0.28	0.34	0.35	8
KREA 14	Clemons Outfall - Culvert @ Pump	ND			0.97	0.85	0.68	0.47	0.75	9
KREA 17A	Yates Marsh @ Baptist Children's Home	ND			0.27	0.97	0.25	0.27	0.62	2
KREA 19	Lg Culvert @ Queen Bee Farms	ND			1.12	0.31	0.79	0.68	0.46	16
KREA 25	Turkey Slough @ Hwy 98		2.21				2.14	0.77	1.95	2
KREA 30A	Popash @ L-62	ND			ND	2.92	1.19	0.69	1.00	5
KREA 32D	Rofra Oncoming to Drylake Dairy		ND				2.03	0.84	---	0

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

Report Completed: 12-03-01

* = Sites not visited during this time period

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE TAYLOR CREEK/NUBBIN SLOUGH BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JUNE 2001

DAIRY	SITE STATION CODE	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK 5	12 MONTH ROLLING Ave.	N	Last Year's Ave.
McArthur 1,2	TCNS 206		2.20				2.37	4	3.09
McArthur 4,5	TCNS 276		1.61				1.40	2	0.59
H W Rucks 1	TCNS 265		ND				0.36	5	0.54
H W Rucks 2	TCNS 211		0.10				0.18	8	0.13
H W Rucks 3	TCNS 210		ND				0.65	3	1.17
H W Rucks 3	TCNS 260		ND				1.34	3	2.17
Larson 8 - North Sprayfield	TCNS 263			1.03			1.43	9	1.65
Larson 5 & 8	TCNS 273			0.58			0.86	9	0.66
Larson 8 - South Sprayfield	TCNS 277			1.12			1.30	9	1.28
Larson 8 - North Sprayfield	TCNS 282			1.48			2.38	13	2.37
Larson 5 - East Sprayfield	TCNS 280			NS			5.07	5	6.07
Larson 5 - West Sprayfield	TCNS 281			NS			0.68	7	0.62
Larson 5,6,7&8 (DS) Monthly	TCNS 220			NS			0.70	8	0.67
Newcomer	TCNS 255			ND			---	0	1.50
New Palm	TCNS 225			ND			0.22	8	0.36
Davie 1 & 2	TCNS 241			0.68			0.80	6	0.78
Underhill	TCNS 231			1.74			1.46	16	0.88

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE ARBUCKLE CREEK BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JUNE 2001

DAIRY	SITE STATION CODE	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK5	12 MONTH ROLLING Ave.	N	Last Year's Ave.
Bishop	ARCK 302				ND		---	0	0.61
L.C. Dairy	ARCK 306				NS		2.55	1	0.85
C & C	ARCK 310		ND		ND		---	0	0.34
Triple G	ARCK 305				NS		---	0	0.74
Triple G Sprayfield	ARCK 315				NS		0.18	8	0.87

ND = No Discharge; NS=Not sampled due to no access, heavy vegetation cover, too shallow, other

Report Completed: 12-03-01

These data are reported from what District staff believe are representative monitoring sites. They do not necessarily reflect the phosphorus concentrations in runoff from other locations on these dairies. Each point of discharge located at every dairy will be considered separately when determining the overall effectiveness of BMP's on individual dairies.

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE LOWER KISSIMMEE RIVER BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JUNE 2001

DAIRY	SITE STATION CODE	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK5	12 MONTH ROLLING Ave.	N	Last Year's Ave.
Dry Lake 1	KREA 32B				ND		1.35	1	2.04
Dry Lake 1	KREA 32C				ND		0.03	1	1.79
Dry Lake 1&2	KREA 49				ND		2.11	2	6.21
Dry Lake 2	KREA 33				ND		1.36	1	1.62
Flying G	KREA 42A				2.55		3.29	2	4.70
Flying G	KREA 42B				1.50		1.74	2	0.68
Flying G	KREA 42D				ND		---	0	1.54
P.W. Bishop	KREA 46A				4.20		4.20	1	0.99
P.W. Bishop	KREA 46B				4.17		4.17	1	2.12
C & M Rucks	KREA 43A		1.62				1.18	2	0.90
Larson 1	KREA 07	ND					0.50	5	0.41
Larson 1	KREA 08	ND					1.14	5	1.01
Butler 2	KREA 41	ND					---	0	9.68
But2/Lar2	KREA 41A	0.12					0.40	10	0.55
Butler 2	KREA 41B	ND					---	0	6.87
Butler 1	KREA 10B	ND					---	0	0.60
Butler 1	KREA 10D	ND					0.59	3	0.60
Butler 1	KREA 10E	ND					1.66	2	4.16

MONTHLY WATER QUALITY DATA SUMMARY
FOR SELECTED BUYOUT DAIRIES IN THE
TAYLOR CREEK/ NUBBIN SLOUGH AND KISSIMMEE RIVER BASINS
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency

DAIRY	SITE STATION CODE	WEEK 1 04-08	WEEK 2 11-15	WEEK 3 18-22	WEEK 4 25-29	WEEK5	12 MONTH ROLLING Ave.	N	Last Year's Ave.
Brighton #2	KREA 16	ND					1.25	6	0.53
Ferrell Farms	KREA 44				ND		---	0	3.38
Ferrell Farms	KREA 44C				ND		---	0	0.29
Red Top	TCNS 227			ND			0.10	4	0.31
Larson #7	TCNS 262			NS			0.85	13	1.18

Report Completed: 12-03-01

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE TAYLOR CREEK/NUBBIN SLOUGH BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JULY 2001

DAIRY	SITE STATION CODE	WEEK 1 02-06	WEEK 2 09-13	WEEK 3 16-20	WEEK 4 23-27	WEEK 5 30-03	12 MONTH ROLLING Ave.	12 MONTH ROLLING N	Last Year's Ave.
McArthur 1,2	TCNS 206		0.88				1.37	3	3.21
McArthur 4,5	TCNS 276		0.63				1.12	2	0.58
H W Rucks 1	TCNS 265		0.65				0.41	4	0.52
H W Rucks 2	TCNS 211		0.42				0.22	7	0.14
H W Rucks 3	TCNS 210		0.76				0.63	2	1.03
H W Rucks 3	TCNS 260		ND				1.05	1	2.22
Larson 8 - North Sprayfield	TCNS 263	1.22		1.53		1.44	1.42	10	1.59
Larson 5 & 8	TCNS 273	0.61		0.68		0.76	0.68	11	0.72
Larson 8 - South Sprayfield	TCNS 277	1.29		NS		NS	1.28	8	1.30
Larson 8 - North Sprayfield	TCNS 282	1.54		NS		NS	2.29	12	2.35
Larson 5 - East Sprayfield	TCNS 280	3.94		NS		6.41	4.89	5	5.88
Larson 5 - West Sprayfield	TCNS 281	0.33		NS		0.69	0.60	8	0.64
Larson 5,6,7&8 (DS) Monthly	TCNS 220	0.60		0.95		0.90	0.73	11	0.68
Newcomer	TCNS 255	ND		ND		ND	---	0	1.50
New Palm	TCNS 225	NS		ND		0.21	0.22	9	0.37
Davie 1 & 2	TCNS 241	0.86		NS		NS	0.91	5	0.73
Underhill	TCNS 231	1.60		3.15		1.36	1.43	17	0.99

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE ARBUCKLE CREEK BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JULY 2001

DAIRY	SITE STATION CODE	WEEK 1 02-06	WEEK 2 09-13	WEEK 3 16-20	WEEK 4 23-27	WEEK5 30-03	12 MONTH ROLLING Ave.	12 MONTH ROLLING N	Last Year's Ave.
Bishop	ARCK 302				F		---	0	0.64
L.C. Dairy	ARCK 306				0.76		1.65	2	0.77
C & C	ARCK 310		ND		ND		---	0	0.34
Triple G	ARCK 305				NS		---	0	0.57
Triple G Sprayfield	ARCK 315				2.14		0.44	8	0.77

ND = No Discharge; NS=Not sampled due to no access, heavy vegetation cover, too shallow, other

F = Sample taken but failed field precision criteria

Report Completed: 12-03-01

MONTHLY WATER QUALITY DATA SUMMARY
FOR DAIRIES IN THE LOWER KISSIMMEE RIVER BASIN
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency
JULY 2001

DAIRY	SITE STATION CODE	WEEK 1 02-06	WEEK 2 09-13	WEEK 3 16-20	WEEK 4 23-27	WEEK5 30-03	12 MONTH ROLLING Ave.	N	Last Year's Ave.
Dry Lake 1	KREA 32B		ND				1.35	1	1.90
Dry Lake 1	KREA 32C		ND				0.03	1	1.54
Dry Lake 1&2	KREA 49		ND				2.11	2	5.50
Dry Lake 2	KREA 33		ND			1.48	1.42	2	1.40
Flying G	KREA 42A		2.53				3.03	3	4.70
Flying G	KREA 42B		1.90				1.79	3	0.68
Flying G	KREA 42D		ND				---	0	1.28
P.W. Bishop	KREA 46A		NS				4.20	1	0.99
P.W. Bishop	KREA 46B		ND				4.17	1	1.34
C & M Rucks	KREA 43A		0.48				0.95	3	0.84
Larson 1	KREA 07	ND			ND	ND	0.50	5	0.40
Larson 1	KREA 08	ND			ND	ND	1.14	5	0.98
Butler 2	KREA 41	ND			ND	ND	---	0	9.72
But2/Lar2	KREA 41A	ND			1.59	0.74	0.61	10	0.39
Butler 2	KREA 41B	ND			6.96	ND	6.96	1	6.65
Butler 1	KREA 10B	ND			NS	ND	---	0	0.40
Butler 1	KREA 10D	ND			1.33	0.57	0.55	4	0.54
Butler 1	KREA 10E	ND			3.84	ND	2.39	3	4.43

MONTHLY WATER QUALITY DATA SUMMARY
FOR SELECTED BUYOUT DAIRIES IN THE
TAYLOR CREEK/ NUBBIN SLOUGH AND KISSIMMEE RIVER BASINS
Total Phosphorus (mg/L or PPM)
Biweekly Grab Sampling Frequency

DAIRY	SITE STATION CODE	WEEK 1 02-06	WEEK 2 09-13	WEEK 3 16-20	WEEK 4 23-27	WEEK5 30-03	12 MONTH ROLLING Ave.	N	Last Year's Ave.
Brighton #2	KREA 16	ND			0.20	0.48	0.79	7	0.57
Ferrell Farms	KREA 44		ND				---	0	2.93
Ferrell Farms	KREA 44C		ND				---	0	0.16
Red Top	TCNS 227	ND		NS		ND	0.04	3	0.26
Larson #7	TCNS 262	0.85		1.56		1.60	0.99	15	1.12

Report Completed: 12-03-01

ND = No Discharge

NS = Not sampled due to no access, heavy vegetation cover, too shallow, or other

These data are reported from what District staff believe are representative monitoring sites. They do not necessarily reflect the phosphorus concentrations in runoff from other locations on these dairies. Each point of discharge located at every dairy will be considered separately when determining the overall effectiveness of BMP's on individual dairies.