TABLE 3. WATER QUALITY CONDITIONS IN HARRODS CREEK

MAP #	STATION	DATE	TIME	FLOW (CFS)	DISSOLVED OXYGEN (MG/L)	WATER TEMP. (DEG. C)	CBOD 5-DAY (MG/L)	AMMONIA (MG/L AS N)	PHOSPHOROUS (MG/L)
1	HARRODS CK BELOW DARBY CREEK AT MILE 12.3	7-10-90	4:35 P.M.	2.67	11.0	29.5	1.3	<.05	.01
2	HARRODS CK ABOVE PARAMONT ESTATES AT MILE 8.9	7-10-90	3:00 P.M.		10.8	28.7	1.9	<.05	.009
15	PARAMONT ESTATES STP	7-10-90	3:30 P.M.	.002	8.2	25.0	5.1	.09	.67
3	HARRODS CK ABOVE S. FK. HARRODS AT MILE 6.9	7-10-90	10:30 A.M.	4.94	7.2	26.1	1.2	<.05	<.005
4	S. FK. HARRODS BELOW HITE CK AT MILE 1.4	7-10-90	11:45 A.M.	3.14	7.1	25.5	2.3	<.05	1.39
5	HARRODS CK, EDGE OF BACKWATER AT MILE 4.2	7-11-90	10:30 A.M.		6.6	24.4	1.3	<.05	.082
6	HARRODS CK ABOVE STP #28 AT MILE 3.6	7-10-90 7-11-90	11:45 A.M. 9:45 A.M.		6.3 5.5	25.0 26.4	1.4	<.05	.26
28	HUNTING CREEK SOUTH STP	7-10-90 7-11-90	12:30 P.M. 1:05 P.M.	0.15 0.14	7.8 7.4	24.4 26.0	1.4 2.6	<.05 .21	5.89 5.50
7	WOLF PEN BRANCH	7-10-90	2:00 P.M.	0.35	7.3	21.5	1.1	<.05	.02
8	HARRODS CK ABOVE STP #31 AT MILE 2.6	7-10-90 7-11-90	2:55 P.M. 1:15 P.M.		4.8 4.3	24.5	3.4	.07	.21

TABLE 3. WATER QUALITY CONDITIONS IN HARRODS CREEK (Continued)

MAP #	STATION	DATE	TIME	FLOW (CFS)	DISSOLVED OXYGEN (MG/L)	WATER TEMP. (DEG. C)	CBOD 5-DAY (MG/L)	AMMONIA (MG/L AS N)	PHOSPHOROUS (MG/L)
31	TIMBERLAKE STP	7-10-90	3:20 P.M.	0.04	7.2	26.0	1.1	.19	5.29
		7-11-90	1:30 P.M.	0.07	7.0	26.4	1.4	<.05	5.99
	HARRODS CK 150 FT BELOW STP	7-10-90	3:50 P.M.		4.2	25.0			
	HARRODS CK AT MILE 2.3	7-10-90	4:00 P.M.		3.6	24.5			
		7-11-90	12:10 P.M.		3.2	26.2			
		7-12-90	9:20 A.M.		4.3	25.6			
	HARRODS CK AT MILE 2.1	7-10-90	4:20 P.M.		3.2	24.8			
	HARRODS CK AT MILE 1.7 ABOVE MARINA	7-10-90	4:25 P.M.		2.5	25.5			
		7-11-90	1:45 P.M.		2.1	27.0			
9	UNNAMED TRIB. ABOVE PUTNEYS POND	7-10-90	6:30 P.M.	0.32	7.4	25.8	1.1	.05	2.84
	HARRODS CK AT MILE 1.6	7-10-90	4:30P.M.		2.2	25.0			
10	HARRODS CK BELOW MARINA AT MILE 1.5	7-10-90	10:00 A.M.		2.0	25.0	2.1	.23	.13
			4:40 P.M.		3.3	26.0			
		7-11-90	9:10 A.M.		2.5	27.0			
11	HARRODS CK NEAR MOUTH AT MILE 0.2	7-10-90	5:15 P.M.		3.4	26.5	1.7	.08	.06
	OHIO RIVER NEAR HARRODS CREEK	7-10-90	5:30 P.M.		5.5				

Table 4. Dissolved Oxygen and Temperature Profiles in Harrods Creek

STATION	LOCATION IN CHANNEL	DEPTH (FT)	DO (MG/L)	TEMP. (DEG. C.)
HARRODS CK AT MILE 3.6 (11:45 A.M.)	Midstream	Surface	6.5	
		5	6.3	
		7	5.9	
HARRODS CK AT MILE 2.6 (3:00 P.M.)	Midstream	Surface	6.4	26.0
		5	4.8	24.5
		10	4.5	24.0
		14	4.4	24.0
HARRODS CK AT MILE 2.3 (4:00 P.M.)	Midstream	Surface	4.1	25.5
		5	3.6	24.5
		10	3.5	24.0
HARRODS CK AT MILE 1.7 (4:25 P.M.)	Midstream	Surface	5.2	28.0
		5	2.5	25.5
		10	1.8	24.8
HARRODS CK AT MILE 1.6 (4:30 P.M.)	Midstream	Surface	4.0	26.8
		5	2.2	25.0
		10	1.9	24.8
HARRODS CK AT MILE 1.5 (10:00 A.M.)	12 ft from bank	Surface	2.1	
		5	1.9	
	Midstream	Surface	2.2	
		5	2.0	
		10	2.0	
(4:40 P.M.)	Midstream	Surface	4.7	27.0
		5	3.3	26.0
HARRODS CK AT MILE 0.2 (5:15 P.M.)	Midstream	Surface	5.8	28.0
		5	3.4	26.5
		10	2.8	26.0
OHIO RIVER (5:30 P.M.)	Near mouth of Harrods Ck	Surface	7.5	28.0
		5	5.5	