
APPENDIX C-1

EFFLUENT CHARACTERISTICS OF
WASTEWATER TREATMENT PLANTS
DISCHARGING TO SURFACE STREAMS
IN THE
RAMAPO RIVER DRAINAGE BASIN
ORANGE COUNTY, NEW YORK

DATA SUMMARIZED FROM MONTHLY DISCHARGE REPORTS
SUBMITTED UNDER THE N.Y.S.P.D.E.S. PROGRAM

FACILITY NAME: ORANGE COUNTY SEWER DISTRICT # 1
 DRAINAGE BASIN: RAMAPO
 PERMIT NUMBER: NY0027901
 PERIOD MONITORED: 8/87 - 7/89

OUTFALL # 1 ACTIVE 6/1 - 10/31 ONLY
 OUTFALL # 2 ACTIVE 11/1 - 5/31

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	DAY			
FLOW	NOV-MAY	MGD	2	4.842	2.914	3.509		7	7	
	JUN-OCT	"	2	4.424	2.774	3.254		10	10	
CBOD5	NOV-MAY	mg/L	20	28.5	8.9	14.9		7	2	
	JUN-OCT	"	5	36.4	4	14.9		10	9	
CBOD5	NOV-MAY	LBS/DAY	334	1627	223	561.3		7	4	
	JUN-OCT	"	83	1267	98	412.6		10	10	
NH3	NOV-MAY	mg/L	7	22	<0.5	16.8		7	6	
	JUN-OCT	"	2	34	1	6		10	5	
TKN	NOV-MAY	mg/L	---	57	2.3	23.2		7	---	
	JUN-OCT	"	---	---	---	---		---	---	
UOD	NOV-MAY	mg/L	72	273	22	121.4		7	5	
	JUN-OCT	"	---	---	---	---		---	---	
UOD	NOV-MAY	LBS/DAY	1200	7484	819	3691		7	6	
	JUN-OCT	"	---	---	---	---		---	---	

FACILITY NAME: NEPERA CHEMICAL
 DRAINAGE BASIN: RAMAPO
 PERMIT NUMBER: NY0006670
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	---	0.1397	0.0596	0.091		14	---
	JUN-OCT	"	---	0.1036	0.0295	0.081		10	---
BOD5	NOV-MAY	mg/L	---	32	9.8	20.7	40	14	---
	JUN-OCT	"	---	25	7.9	16.3	52	10	---
BOD5	NOV-MAY	LBS/DAY	24/36	24.5	4.3	14.1	14	2	---
	JUN-OCT	"	24/36	22.8	2.1	10.2	36.8	10	1
NH3	NOV-APR	mg/L	---	16.1	1.23	8.4		12	---
	MAY-OCT	"	---	17.6	0.051	4.5		12	---
NH3	NOV-APR	LBS/DAY	31	12	1.2	6.2		12	0
	MAY-OCT	"	5.6	16.2	0	3.5		12	2

FACILITY NAME: HAMLET OF TUXEDO (T) WWTP
 DRAINAGE BASIN: RAMAPO
 PERMIT NUMBER: NY0031224
 PERIOD MONITORED: 1/88 - 8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.1	0.088	0.031	0.051		7	0
	JUN-OCT	"	0.1	0.148	0.054	0.073		11	1
BOD5	NOV-MAY	mg/L	45/60	49	7	24.9	49	11	1
	JUN-OCT	"	45/60	150	16	51.4		7	3
BOD5	NOV-MAY	LBS/DAY	37.5/54	29	5	13.9	29	11	0
	JUN-OCT	"	37.5/54	21	7	12.3	26	6	0

FACILITY NAME: TUXEDO PARK (V) WWTP
 DRAINAGE BASIN: RAMAPO
 PERMIT NUMBER: NY0031216
 PERIOD MONITORED: 6/88 - 8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.15	0.29	0.1	0.18		10	5
	JUN-OCT	"	0.15	0.23	0.02	0.08		7	1
BOD5	NOV-MAY	mg/L	20	<3.0	<3.0	<3.0	8.1	9	0
	JUN-OCT	"	20	<3.0	<3.0	<3.0	5.4	8	0
BOD5	NOV-MAY	LBS/DAY	25	-----	"	NO DATA		-----	-----
	JUN-OCT	"	25	-----		NO DATA		-----	-----
CBOD5	NOV-MAY	mg/L	5	-----		NO DATA		-----	-----
	JUN-OCT	"	5	-----		NO DATA		-----	-----
CBOD5	NOV-MAY	LBS/DAY	6.3	-----		NO DATA		-----	-----
	JUN-OCT	"	6.3	-----		NO DATA		-----	-----
NH3	NOV-MAY	mg/L	MONITOR	0.3	0.2	0.25		2	-----
	JUN-OCT	"	ONLY						-----

APPENDIX C-2

EFFLUENT CHARACTERISTICS OF
WASTEWATER TREATMENT PLANTS
DISCHARGING TO SURFACE STREAMS
IN THE
WALLKILL RIVER DRAINAGE BASIN
ORANGE COUNTY, NEW YORK

DATA SUMMARIZED FROM MONTHLY DISCHARGE REPORTS
SUBMITTED UNDER THE N.Y.S.P.D.E.S. PROGRAM

FACILITY NAME: MIDDLETOWN(C) OUTFALL #3
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0026328
 PERIOD MONITORED: 7/88-7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	MEAN			
FLOW	NOV-MAY	MGD	6	6.73	4.28	5.09	5.09		7	1
	JUN-OCT	"	6	6.1	3.9	4.43	4.43		6	1
BOD5	NOV-MAY	mg/L	-	39	19	26.9	26.9	65	7	-
	JUN-OCT	"	-	74	9	39.5	39.5	153	6	-
BOD5	NOV-MAY	LBS/DAY	-	1492	874	1148	1148	2515	7	-
	JUN-OCT	"	-	2877	469	1492	1492	4595	6	-
TKN	NOV-MAY	mg/L	-	61	19	32	32		6	-
	JUN-OCT	"	-	49	10	23.6	23.6		5	-
NH3	NOV-MAY	mg/L	3.6	16	9	13.6	13.6		7	7
	JUN-OCT	"	3.6	18	7.1	13.4	13.4		6	6
UOD	NOV-MAY	mg/L	37.4	219	93	140	140		7	7
	JUN-OCT	"	37.4	122	48	78	78		3	3
UOD	NOV-MAY	LBS/DAY	1871	6898	4700	5573	5573		7	7
	JUN-OCT	"	1871	3470	2137	2673	2673		3	3

FACILITY NAME: GOSHEN (V) STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0031518
 PERIOD MONITORED: 11/88 - 10/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	1.5	1.86	1.07	1.36		7	1
	JUN-OCT	"	1.5	1.84	1.02	1.35		5	1
BOD5	NOV-MAY	mg/L	?	32	14	23.6		7	?
	JUN-OCT	"	?	14	8	11		5	?
BOD5	NOV-MAY	LBS/DAY	?	355	186	258		7	?
	JUN-OCT	"	?	128	85	110		5	?
CBOD5	NOV-MAY	mg/L		<3.0	<3.0	<3.0		3	0
	JUN-OCT	"	25/38						
CBOD5	NOV-MAY	LBS/DAY							
	JUN-OCT	"	313/475						

NO DATA

FACILITY NAME: WALKILL (T) STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0024422
 PERIOD MONITORED: 8/87-8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	DAY			
FLOW	NOV-MAY	MGD	?	2.4	1.1	1.78		14	?	
	JUN-OCT	"	?	2.4	1.4	1.74		11	?	
BOD5	NOV-MAY	mg/L	-	322	43	85.5	675	14	-	
	JUN-OCT	"	-	132	30	67.7	248	11	-	
BOD5	NOV-MAY	LBS/DAY	-	5371	640	1532	5371	7	-	
	JUN-OCT	"	-	2085	884	1436	7443	4	-	
TKN	NOV-MAY	mg/L					MONITOR ONLY			
	JUN-OCT	"					NO DATA			
NH3	NOV-MAY	mg/L	5.1				NO DATA			
	JUN-OCT	"	5.1				NO DATA			
UOD	NOV-MAY	mg/L	67.2				NO DATA			
	JUN-OCT	"	67.2				NO DATA			
UOD	NOV-MAY	LBS/DAY	1681				NO DATA			
	JUN-OCT	"	1681				NO DATA			

FACILITY NAME: MONTGOMERY (V) STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0026433
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.5	0.58	0.23	0.31		14	1
	JUN-OCT	"	0.5	0.47	0.19	0.26		11	0
BOD5	NOV-MAY	mg/L	30/45	14.8	1.7	7.4	18	14	0
	JUN-OCT	"	30/45	7	<3.0	3.7	11	11	0
BOD5	NOV-MAY	LBS/DAY	125/188	32.7	5.8	18.2	37.7	14	0
	JUN-OCT	"	125/188	13.9	4.5	8.2	21.2	11	0

FACILITY NAME: WALDEN (V) STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0030490
 PERIOD MONITORED: 8/87-7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	DAY			
FLOW	NOV-MAY	MGD	1.1	1.5	0.65	0.92		14	1	
	JUN-OCT	"	1.1	1.35	0.61	0.81	10	10	1	
BOD5	NOV-MAY	mg/L	30/45	24.5	8.9	16	35	14	0	
	JUN-OCT	"	30/45	16.9	3.8	8.3	23	10	0	
BOD5	NOV-MAY	LBS/DAY	275/413	224.7	63.8	122.4	333.6	14	0	
	JUN-OCT	"	275/413	89.4	19.9	54.6	168	10	0	
CBOD5	NOV-MAY	mg/L	30/45	-----	-----	CONTESTED	-----	-----	-----	
	JUN-OCT	"	30/45	-----	-----	NO DATA	-----	-----	-----	
CBOD5	NOV-MAY	LBS/DAY	275/413	-----	-----	CONTESTED	-----	-----	-----	
	JUN-OCT	"	275/413	-----	-----	NO DATA	-----	-----	-----	
TKN	NOV-MAY	mg/L	-----	-----	-----	SUMMER ONLY	-----	-----	-----	
	JUN-OCT	"	9.5	11	3.1	5.5		10	2	

FACILITY NAME: AL TURI LANDFILL
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0166511
 PERIOD MONITORED: 1/89-7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	NO DATA			
FLOW	NOV-MAY	MGD	-	0.025	0.008	0.015		5		
	JUN-OCT	"	-	0.013	0.011	0.012		2		
BOD5	NOV-MAY	mg/L	30/50	22	10	16.7		3	0	
	JUN-OCT	"	30/50	-----		NO DATA		-----		
TOD	NOV-MAY	LBS/DAY	40	35.9	0.8	11.5		5	0	
	JUN-OCT	"	40	4.2	0.9	2.5		2	0	

FACILITY NAME: FLORIDA (V) STP
 DRAINAGE BASIN: WALKILL
 PERMIT NUMBER: NY0020273
 PERIOD MONITORED: 2/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	MEAN			
FLOW	NOV-MAY	MGD	0.3	0.4	0.26	0.31		3	1	
	JUN-OCT	"	0.3	0.39	0.25	0.3		3	1	
CBOD5	NOV-MAY	mg/L	25/40	25	23	24.3		4	0	
	JUN-OCT	"	25	39	13	23.7		3	1	
CBOD5	NOV-MAY	LBS/DAY		SUMMER ONLY						
	JUN-OCT	"	63	82	40	54.7		3	1	
TKN	NOV-MAY	mg/L	-	28.8	18.5	25.8		4	-	
	JUN-OCT	"	-	32.8	10.4	21.6		3	-	
NH3	NOV-MAY	mg/L		SUMMER ONLY						
	JUN-OCT	"	7.4	26	7.3	16.9		3	2	
UOD	NOV-MAY	mg/L	136	164	119	149.4		4	3	
	JUN-OCT	"	95	206	70.2	134.7		3	2	
UOD	NOV-MAY	LBS/DAY	340	339	273	309		4	0	
	JUN-OCT	"	238	432	232	305.5		3	2	

FACILITY NAME: O.C.INFIRMARY
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0022101
 PERIOD MONITORED: 3/87-6/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.13	0.04	0.03	0.035		7	0
	JUN-OCT	"	0.13	0.04	0.03	0.037		4	0
CBOD5	NOV-MAY	mg/L	5	11	3	4.7		7	2
	JUN-OCT	"	5	13	3	7.3		6	4
CBOD5	NOV-MAY	LBS/DAY	5.3	2.9	0.9	1.4		7	0
	JUN-OCT	"	5.3	5	0.9	2.4		6	0
NH3	NOV-MAY	mg/L	2	20.2	<0.5	3.6		7	2
	JUN-OCT	"	2	4.9	<0.5	0.3		5	1

FACILITY NAME: RIDGEBURY LAKE ACRES
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0062278
 PERIOD MONITORED: 9/87-8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	CONTESTED			
FLOW	NOV-MAY	MGD	0.03	0.027	0.014	0.021		14	0	
	JUN-OCT	"	0.03	0.024	0.016	0.02		10	0	
BOD5	NOV-MAY	mg/L	10	83	1	22.6		14	8	
	JUN-OCT	"	10	29	2	14		10	5	
BOD5	NOV-MAY	LBS/DAY	2.5	11.4	0.16	3.75		13	6	
	JUN-OCT	"	2.5	5.8	0.4	2.34		10	5	
CBOD5	NOV-MAY	mg/L	10	-----		CONTESTED		-----	-----	
	JUN-OCT	"	10	-----		NO DATA		-----	-----	
CBOD5	NOV-MAY	LBS/DAY	2.5	-----		CONTESTED		-----	-----	
	JUN-OCT	"	2.5	-----		NO DATA		-----	-----	
NH3	NOV-MAY	mg/L	2	19.9	<0.1	7.7		14	10	
	JUN-OCT	"	2	27	<0.1	4.8		9	3	

FACILITY NAME: ROBINN MEADOWS STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0029149
 PERIOD MONITORED: 1/88-7/89 (INITIAL)

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.04/0.08	0.032	0.004	0.017		14	0
	JUN-OCT	"	0.04/0.08	0.023	0.002	0.013		10	0
BOD5	NOV-MAY	mg/L	2/5	7	6	6.5		2	0
	JUN-OCT	"	2/5	1.8	1.8	1.8		1	0
BOD5	NOV-MAY	LBS/DAY	6.7/3.3	0.9	0.6	0.78		2	0
	JUN-OCT	"	6.7/3.3	0.2	0.2	0.2		1	0
NH3	NOV-OCT	mg/L	2	NO DATA					

APPENDIX C-3

**EFFLUENT CHARACTERISTICS OF
WASTEWATER TREATMENT PLANTS
DISCHARGING TO SURFACE STREAMS**

IN THE

**WAWAYANDA CREEK DRAINAGE BASIN
ORANGE COUNTY, NEW YORK**

**DATA SUMMARIZED FROM MONTHLY DISCHARGE REPORTS
SUBMITTED UNDER THE N.Y.S.P.D.E.S. PROGRAM**

FACILITY NAME: WARWICK (T) OUTFALL #2
 DRAINAGE BASIN: WAYWAYANDA
 PERMIT NUMBER: NY0021890
 PERIOD MONITORED: 7/88-5/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.39	0.24	0.19	0.21		6	0
	JUN-OCT	"	0.39	0.27	0.16	0.22		8	0
BOD5	NOV-MAY	mg/L	-	7.8	3.2	5.6		6	-
	JUN-OCT	"	5	5.6	<1.0	1.9		8	0
BOD5	NOV-MAY	LBS/DAY	-	12.1	6.1	9.4		5	-
	JUN-OCT	"	16	5.1	0.8	2.9		7	0
TKN	NOV-MAY	mg/L	-	14	0.8	9.5		6	-
	JUN-OCT	"							
NH3	NOV-MAY	mg/L	6.1	17	10.2	8.4		6	4
	JUN-OCT	"	2	0.3	<0.2	0.1		8	0
TOD	NOV-MAY	mg/L	100	74.7	8.9	50.3		6	0
	JUN-OCT	"							
TOD	NOV-MAY	LBS/DAY	325	117	17	81.4		6	0
	JUN-OCT	"							

FACILITY NAME: WARWICK (V) WWTP
 DRAINAGE BASIN: WAYWAYANDA
 PERMIT NUMBER: NY0023680
 PERIOD MONITORED: 9/87-8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.5	0.65	0.28	0.38		14	1
	JUN-OCT	"	0.5	0.48	0.08	0.28		10	0
BOD5	NOV-MAY	mg/L	30/45	45	30	36.7	48	14	13
	JUN-OCT	"	30/45	40	23	30.1	45	10	4
BOD5	NOV-MAY	LBS/DAY	125/188	201	95	116	250	14	1
	JUN-OCT	"	125/188	141	38	85	143	10	1

APPENDIX C-4

**EFFLUENT CHARACTERISTICS OF
WASTEWATER TREATMENT PLANTS
DISCHARGING TO SURFACE STREAMS
IN THE
SHAWANGUNK KILL DRAINAGE BASIN
ORANGE COUNTY, NEW YORK**

**DATA SUMMARIZED FROM MONTHLY DISCHARGE REPORTS
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FACILITY NAME: PINE BUSH (H) STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0110019
 PERIOD MONITORED: 8/87 - 8/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.15	0.12	0.1	0.1		14	0
	JUN-OCT	"	0.15	0.13	0.1	0.11		11	0
BOD5	NOV-MAY	mg/L	30/45	28	2.6	17	58	14	1
	JUN-OCT	"	30/45	20	1.8	6.8	20	10	0
BOD5	NOV-MAY	LBS/DAY	38/56	25	2.2	14.7	49	14	0
	JUN-OCT	"	38/56	17.6	1.7	6		10	0
CBOD5	NOV-MAY	mg/L	30/45	-----	-----	CONTESTED		-----	-----
	JUN-OCT	"	30/45	-----	-----	CONTESTED		-----	-----
CBOD5	NOV-MAY	LBS/DAY	38/56	-----	-----	CONTESTED		-----	-----
	JUN-OCT	"	38/56	-----	-----	CONTESTED		-----	-----

FACILITY NAME: OTISVILLE CORRECTIONAL FACILITY

DRAINAGE BASIN: WALLKILL

PERMIT NUMBER: NY0033154

PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.115	0.935	0.083	0.193		13	9
	JUN-OCT	"	0.115	0.228	0.11	0.138		8	5
BOD5	NOV-MAY	mg/L	20/30	190	3	50.4		14	9
	JUN-OCT	"	20/30	40	<3.0	10.6		8	1
BOD5	NOV-MAY	LBS/DAY	19/29	190	0.89	51.3		14	11
	JUN-OCT	"	19/29	48	<3.0	12.8		7	1

FACILITY NAME: HIDDEN VALLEY ESTATES STP
 DRAINAGE BASIN: WALLKILL
 PERMIT NUMBER: NY0034436
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	NO DATA			
FLOW	NOV-MAY	MGD	0.06	0.166	0.035	0.071		14	4	
	JUN-OCT	"	0.06	0.155	0.03	0.075		10	3	
BOD5	NOV-MAY	mg/L	10/15	NO DATA						
	JUN-OCT	"	10/15	6.9	3	5		2	0	
BOD5	NOV-MAY	LBS/DAY	5/7	NO DATA						
	JUN-OCT	"	5/7	8.5	4.1	6.3		2	1	
CBOD5	NOV-MAY	mg/L	10/15	38	1.4	10.6		13	4	
	JUN-OCT	"	10/15	22	0.3	8.4		8	3	
CBOD5	NOV-MAY	LBS/DAY	5/7.5	18	0.4	5.3		13	4	
	JUN-OCT	"	5/7.5	10.2	0.4	3.3		8	2	

APPENDIX C-5

**EFFLUENT CHARACTERISTICS OF
WASTEWATER TREATMENT PLANTS
DISCHARGING TO SURFACE STREAMS
IN THE
MOODNA CREEK DRAINAGE BASIN
ORANGE COUNTY, NEW YORK**

**DATA SUMMARIZED FROM MONTHLY DISCHARGE REPORTS
SUBMITTED UNDER THE N.Y.S.P.D.E.S. PROGRAM**

FACILITY NAME: WASHINGTONVILLE (V) WWTP
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0023671
 PERIOD MONITORED: 8/88 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.4	0.55	0.33	0.4		8	3
	JUN-OCT	"	0.4	0.53	0.24	0.34		8	1
BOD5	NOV-MAY	mg/L	30/45	48	7	22		6	2
	JUN-OCT	"	30/45	43	4	16.3	175	8	3
BOD5	NOV-MAY	LBS/DAY	100/150	81	13.6	59	105	7	0
	JUN-OCT	"	100/150	56	1.5	24	97	7	0

FACILITY NAME: NEW WINDSOR (T) STP
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0022446
 PERIOD MONITORED: 8/88 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	5	5.33	2.99	3.63		8	1
	JUN-OCT	"	5	4.54	2.6	3.06		7	0
BOD5	NOV-MAY	mg/L	30/45	39	24	30.3	50	8	4
	JUN-OCT	"	30/45	31	16	23.9	58	7	3
BOD5	NOV-MAY	LBS/DAY	1250/1875	1182	762	887	1548	8	0
	JUN-OCT	"	1250/1875	868	382	606	1370	7	0
CBOD5	NOV-MAY	mg/L				CONTESTED			
	JUN-OCT	"				CONTESTED			
CBOD5	NOV-MAY	LBS/DAY				CONTESTED			
	JUN-OCT	"				CONTESTED			

FACILITY NAME: MAYBROOK (V) WWTP
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0023272
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.4	0.77	0.25	0.37		14	3
	JUN-OCT	"	0.4	0.7	0.19	0.31		10	1
BOD5	NOV-MAY	mg/L	30/45	85	6	48		14	12
	JUN-OCT	"	30/45	56	12.7	33		10	4
BOD5	NOV-MAY	LBS/DAY	100/150	189	98	147		14	13
	JUN-OCT	"	100/150	156	48	80	196	10	2

FACILITY NAME: MONTGOMERY (T) STP, SD #2 & 2A
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0109622
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.06	0.03	0.03	0.03		14	0
	JUN-OCT	"	0.06	0.03	0.03	0.03		7	0
BOD5	NOV-MAY	mg/L	5	1.2	2.9	2.9		6	0
	JUN-OCT	"	5	2.7	3.3	3.3		3	0
BOD5	NOV-MAY	LBS/DAY	2.5	0.3	0.7	0.7		6	0
	JUN-OCT	"	2.5	0.7	0.8	0.8		3	0
CBOD5	NOV-MAY	mg/L	5	0.75	3.9	3.9		9	1
	JUN-OCT	"	5	2.7	6.3	6.3		6	2
CBOD5	NOV-MAY	LBS/DAY	2.5	0.75	1	1		9	0
	JUN-OCT	"	2.5	0.7	0.8	0.8		4	0
TKN	NOV-MAY	mg/L	20	0.05	0.75	0.75		14	0
	JUN-OCT	"	20	2.1	3.2	3.2		4	0
NH3	NOV-MAY	mg/L	2	0.03	0.17	0.17		6	0
	JUN-OCT	"	2	1.2	2.6	2.6		6	5

FACILITY NAME: KING TRACT STP, SD #5
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0109410
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES				PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN	DAY			
FLOW	NOV-MAY	MGD	0.02	0.007	0.007	0.007		13	0	
	JUN-OCT	"	0.02			NO DATA				
BOD5	NOV-MAY	mg/L				NO DATA				
	JUN-OCT	"				NO DATA				
BOD5	NOV-MAY	LBS/DAY				NO DATA				
	JUN-OCT	"				NO DATA				
CBOD5	NOV-MAY	mg/L	5			NO DATA				
	JUN-OCT	"	5			NO DATA				
CBOD5	NOV-MAY	LBS/DAY	0.8			NO DATA				
	JUN-OCT	"	0.8			NO DATA				
NH3	NOV-MAY	mg/L	2			NO DATA				
	JUN-OCT	"	2			NO DATA				

FACILITY NAME: SUGAR LOAF STP (SD #4)
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0109401
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.05	0.019	0.018	0.018		14	0
	JUN-OCT	"	0.05	0.019	0.018	0.018		10	0
BOD5	NOV-MAY	mg/L	30/45	17.4	0.9	8.9		11	0
	JUN-OCT	"	---	---	---	NOT MONITORED		---	---
BOD5	NOV-MAY	LBS/DAY	12.5/18.3	2.8	0.06	1.4		11	0
	JUN-OCT	"	---	---	---	NOT MONITORED		---	---
CBOD5	NOV-MAY	mg/L	---	---	---	NOT MONITORED		---	---
	JUN-OCT	"	5	6.4	0.62	2.7		10	1
CBOD5	NOV-MAY	LBS/DAY	---	---	---	NOT MONITORED		---	---
	JUN-OCT	"	2.1	1.02	0.09	0.42		10	0
NH3	NOV-MAY	mg/L	---	---	---	NOT MONITORED		---	---
	JUN-OCT	"	2	1.5	0.02	0.8		10	0

FACILITY NAME: TAPPAN HOMES STP (TOWN OF BLOOMING GROVE)
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0062251
 PERIOD MONITORED: 8/88 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.064	1.09	0.03	0.05		14	4
	JUN-OCT	"	0.064	0.071	0.03	0.05		8	1
BOD5	NOV-MAY	mg/L	20/40	17.7	6	10.6	28.8	3	0
	JUN-OCT	"	20/40	14	4.6	9.5	18	4	0
BOD5	NOV-MAY	LBS/DAY	10.7/16	9.7	3	5.6		3	0
	JUN-OCT	"	10.7/16	4.1	4.1	4.1		1	0

FACILITY NAME: VALLEY FORGE STP
 DRAINAGE BASIN: MOODNA
 PERMIT NUMBER: NY0020478
 PERIOD MONITORED: 8/87 - 7/89

PARAMETER	PERIOD	UNITS	PERMIT LIMITS	MONTHLY VALUES			PEAK DAY	# RECORDS	VIOLATIONS
				MAX	MIN	MEAN			
FLOW	NOV-MAY	MGD	0.056	0.034	0.019	0.023		14	0
	JUN-OCT	"	0.056	0.025	0.014	0.018		10	0
BOD5	NOV-MAY	mg/L	5	1.9	0.6	1.3		2	0
	JUN-OCT	"	5	4.6	1.2	2.4		3	0
BOD5	NOV-MAY	LBS/DAY	1.5	0.53	0.22	0.34		3	0
	JUN-OCT	"	1.5	0.33	0.1	0.22		2	0
CBOD5	NOV-MAY	mg/L	5	15.6	1.3	4.1		11	1
	JUN-OCT	"	5	10	<1.0	3.8		7	1
CBOD5	NOV-MAY	LBS/DAY	2.5	3.12	0.23	0.8		11	1
	JUN-OCT	"	2.5	1.58	0.18	0.59		7	0
NH3	NOV-MAY	mg/L	2	0.85	0.02	0.23		12	0
	JUN-OCT	"	2	0.2	<0.02	0.12		7	0