FT STATIONS: W=Working

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Current Outdoor Temp.	Weather
Thurs	0930	12-1-05	DR	4-W	—	4-W	—	4-W	ON-4	—	off-4	30°F	overcast
Fri	0950	12-2-05	DR	4-W		4-W		4-W	ON-4	—	off-4		
Mon	0900	12-5-05	DR	4-W		4-W		4-W	ON-4	—	off-4	12°F	Clear
Tues	1535	12-6-05	DR	4-W	—	4-W		4-W	ON-4	—	off-4	12°F	overcast
Wed	0910	12-7-05	DC	4-W		4-W		4-W	ON-4		off-4	10°F	
Thurs	0835	12-8-05	DR	4-W		4-W		4-W	ON-4		off-4	18°F	overcast + snowing
Fri	0905	12-9-05	DR	4-W		4-W		4-W	ON-4		off-4	4°F	Clear
Mon	0830	12-12-05	DR	4-W		4-W		4-W	ON-4		off-4	36°F	Partly Cloudy
Tues	0900	12-13-05	DR	4-W		4-W		4-W	ON-4		off-4	27°F	Clear
Wed	0910	12-14-05	DR	4-W		4-W		4-W	ON-4		off-3	41°F	overcast
Thurs	0905	12-15-05	DR	4-W		4-W		4-W	ON-4		ON-3	30°F	Clear
Fri	0910	12-16-05	AL	4-W	—	4-W		4-W	ON-4		off-4	22°F	Clear
Mon	0925	12-19-05	DC	4-W		4-W		4-W	ON-4		off-4	12°F	
Tues	1515	12-20-05	AL	4-W		4-W		4-W	ON-4		off-4	28°F	
Wed	1530	12-21-05	BK	4-W		4-W		4-W	ON-4		off-4	29°F	
Thurs	1535	12-22-05	BK	4-W		4-W		4-W	ON-4		off-4	42°F	
Fri	1430	12-23-05	BK	4-W		4-W		4-W	ON-4		off-4	32°F	
Mon	1025	12-26-05	DT	—		—		—	—		—	32°F	
Tues	1400	12-27-05	DR	4-W		4-W		4-W	ON-4		off-4	36°F	Mostly Cloudy
Wed	0925	12-28-05	DR	4-W		4-W		4-W	ON-4		off-4	34°F	overcast
Thurs	0915	12-29-05	DR	4-W		4-W		4-W	ON-4		off-4	34°F	overcast
FRI	0915	12-30-05	DR	4-W		4-W		4-W	ON-4		off-4	34°F	Partly Cloudy

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

Quail Valley Lake

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Thurs	0930	12-1-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri	1000	12-2-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0910	12-5-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1545	12-6-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	0910	12-7-05	DR	OK	OK	OK			OK	light	yes	OK	OK	yes
Thurs	0910	12-8-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri	0915	12-9-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0905	12-12-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	0915	12-13-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	0925	12-14-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0910	12-15-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Friday	0810	12-16-05	AL	OK	OK	OK	—	—	OK	Little	yes	OK	OK	yes
Mon	0915	12-19-05	DC	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1515	12-20-05	AL	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1530	12-21-05	BK	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	1535	12-22-05	BK	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri	1430	12-23-05	BK	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	1025	12-26-05	DT	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1400	12-27-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	0925	12-28-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0915	12-29-05	DR	OK	OK	OK	—	12-29	OK	little	Yes	OK	OK	Yes
Fri	0915	12-30-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 1-03-06

MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake WWTP MO #: MO-0114081 EXPIRATION DATE: 2-3-2010 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids mL/L min	Sludge ~~Judge Feet~~ Wasted	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Tues	1205	11-1-05	DR	3.63	—	300-20	159 gal	15.9°C	7.9	5.98	OK	NA	0.6"	OK	7609	W	OK	—	OK	—	—
Thur	1540	11-3-05	DR	4.03	—	280-25	106	16.4	7.8	6.02	OK		0	OK	11413	W	OK	—	OK	—	—
Fri	1520	11-4-05	DR	3.72	—	290-30	—	16.9°C	7.8	5.76	OK		0	OK	7609	W	OK	—	OK	—	—
Mon	0915	11-7-05	DR	2.04	—	310-30	317	15.6°C	7.9	5.28	OK		0.6" rain	OK	9131	W	OK	—	OK	—	—
Tues	0845	11-8-05	DR	2.14	—	340-20	211	16.8°C	7.9	5.47	OK		0	OK	5707	W	OK	—	OK	—	—
Wed	0900	11-9-05	DR	3.92	—	320-20	159	16.2°C	7.9	5.44	OK		0	OK	11413	W	OK	—	OK	—	—
Thurs	1545	11-10-05	DR	2.01	—	360-15		15.6°C	7.8	5.19	OK		0	OK	7609	W	OK	—	OK	—	—
Fri	1150	11-11-05	DT	1.42		325-20		16.0°C	8.0	3.44	OK		0	OK	3801	W	OK	—	OK	—	—
Mon	0905	11-14-05	DR	3.98		310-25	159	15.1°C	8.0	6.28	OK		No	OK	15218	W	OK	—	OK	—	—
Tues	1505	11-15-05	DR	3.79		330-25	—	13.9°C	7.9	5.79	OK		Yes	OK	11413	W	OK	—	OK	—	—
Wed	0910	11-16-05	DR	3.93		340-30	—	12.3°C	7.9	6.07	OK		0	OK	15218	W	OK	—	OK	—	—
Thurs	1515	11-17-05	DR	3.68		390-20	377	12.4°C	7.7	4.82	OK		0	OK	1902	W	OK	—	OK	—	—
Fri	1545	11-18-05	DR	3.72		380-20	119	13.7°C	7.9	5.64	OK		0	OK	5707	W	OK	—	OK	—	—
Mon	1435	11-21-05	DR	3.79		410-15	—	13.3°C	7.8	6.02	OK		0	OK	7609	W	OK	—	OK	—	—
Tues	0915	11-22-05	DR	3.55		320-30	238	12.2°C	8.0	5.60	OK		0	OK	11413	W	OK	—	OK	—	—
Wed	1545	11-23-05	DR	3.57		310-30		13.1°C	7.9	5.51	OK		0	OK	15218	W	OK	—	OK	—	—
Mon	1225	11-28-05	DR	0.78 blower off		390-30		11.9°C	8.0	5.19	OK		0	OK	11413	W	OK	—	OK	—	—
Tues	1315	11-29-05	DR	3.03		380-30	317	10.7°C	7.9	5.32	OK		Trace snow	OK	9131	W	OK	—	OK	—	—
Wed	0920	11-30-05	DR	4.13		330-30	476	10.5°C	8.0	6.47	OK		0	OK	15218	W	OK	—	OK	—	—

FT STATIONS: W = Working

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	0730 Current Outdoor Temp.	weather
Tues	1225	11-1-05	DR	4-OK	—	4-OK	—	4-OK	ON-4	—	4-off	37°F	Clear
Thurs	1510	11-3-05	DR	4-OK	—	4-OK	—	4-OK	ON-4	—	4-off	52°F	Partly Cloudy
Fri	1500	11-4-05	DR	4-OK	—	4-OK	—	4-OK	ON-4	—	4-off	53°F	Clear
Mon	0900	11-7-05	DR	4-W	—	4W	—	4-W	ON-4	—	4-off	43°F	overcast
Tues	0845	11-8-05	DR	4-W	—	4W	—	4-W	ON-4	—	4-off	61°F	Partly Cloudy
Wed	0835	11-9-05	DR	4-W	—	4W	—	4-W	ON-4	—	3-off 1-ON	58°F	Partly Cloudy
Thurs	1525	11-10-05	DR	4-W	—	4W	—	4W	ON-4	—	off-4	36°F	Sunny
Fri	1150	11-11-05	DT	4-W		4-W		4-W	ON-4	—	off-4	43°F	Partly Cloudy
Mon	0835	11-14-05	DR	4-W		4-W		4-W	ON-4		off-4	41°F	overcast
Tues	1505	11-15-05	DR	4-W		4-W		4-W	ON-4	—	off-4	45°F	overcast
Wed	0830	11-16-05	DR	4W		4W		4W	ON-4		off-4	27°F	Clear
Thurs	~~1045~~	11-17-05	DR	4-W		4-W		4-W	ON-4	—	off-4	17°F	Clear
FRI	1520	11-18-05	DR	4-W		4-W		4-W	ON-4	—	off-4	21°F	
Mon	1420	11-21-05	DR	4-W		4-W		4-W	ON-4		off-4	30°F	Clear
Tues	0900	11-22-05	DR	4-W		4-W		4-W	ON-4	—	off-4	35°F	Partly Cloudy
Wed	1545	11-23-05	DR	4-W		4-W		4-W	ON-4		off-4	36°F	
Mon	1210	11-28-05	DR	4-W		4-W		4-W	ON-4		off-4	48°F	overcast & windy
Tues	1300	11-29-05	DR	4-W		4-W		4-W	ON-4		off-4	30°F	overcast
Wed	0920	11-30-05	DR	4-W		4-W		4-W	ON-4		off-4	23°F	Clear

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Fri	1205	11-1-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1540	11-3-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Fri	1520	11-4-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0915	11-7-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0855	11-8-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0900	11-9-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	trenches dug at new House on Fordale - got into 4" sewer line & repaired it.
Thur	1545	11-10-05	JR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes	by lake
Fri	1150	11-11-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0905	11-14-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1505	11-15-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0910	11-16-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thur	1515	11-17-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Fri	1545	11-18-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1435	11-21-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0915	11-22-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1545	11-23-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1225	11-28-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1315	11-29-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0920	11-30-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: GREG RATCLIFF

Date: 11-30-05

MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W - Working					
Day of Week	Time	Date	Oper. Initials	D.O. mg/L	MLSS	Sett. Solids ml/L-min	Sludge ~~Judge Feet~~ wasted	Temp.	Ph	D.O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	1540	10-3-05	DR	3.07	—	290-20	-	22.7°C	8.2	5.26	OK	0.27		OK	15218	W	OK	—	OK	—	—
Tues	1005	10-4-05	DR	3.96		310-20	317 gal	22.3°C	8.3	4.83	Cleaned	0.39		OK	5707	W	OK	—	OK	—	—
Wed	1455	10-5-05	DR	3.68		300-20	317	23.1°C	8.1	5.41	OK	0.13	O	OK	4525	W	OK	—	OK	—	—
Thurs	1030	10-6-05	DR	3.46		300-20	—	22.4°C	8.0	5.62	OK	0.17	Yes	OK	11413	W	OK	—	OK	—	—
Fri	1145	10-7-05	DR	2.61		270-30		19.4°C	7.9	6.13	OK	0.21	O	OK	9131	W	OK	—	OK	—	—
Mon	1335	10-10-05	DR	2.52		270-25	126	19.9°C	8.1	5.29	OK	0.20		OK	2853	W	OK	—	OK	—	—
Tues	1145	10-11-05	DR	2.01		380-30		18.2°C	8.7	4.5	OK	—		OK	15218	W	OK	—	OK	—	—
Thurs	1030	10-13-05	DR	2.41		390-20	317	18.6°C	8.5	4.87	OK	0.19		OK	7609	W	OK	—	OK	—	—
Fri	1025	10-14-05	DR	0.79 blower		340-30	159	17.5°C	8.3	4.62	OK	0.31	O	OK	11413	W	OK	—	OK	—	—
Mon	1225	10-17-05	DR-DC	0.96 blower		260-30	211	19.9°C	8.0	5.87	OK			OK	1902	W	OK	—	OK	—	—
Wed	1225	10-19-05	DR-DC	0.93 blower		260-30	—	20.4°C	8.9	5.93	OK	0.21		OK	18261	W	OK	—	OK	—	—
Thurs	1545	10-20-05	DR-DC	—		—	—	19.3°C	7.9	5.34	OK	0.25	Yes	OK	22827	W	OK	—	OK	—	—
Mon	1240	10-24-05	DR-DC	1.44		320-20	—	17°C	8.1	6.09	OK	0.21		OK	15218	W	OK	—	OK	—	—
Tues	1515	10-25-05	DR-DC	2.65		280-20	—	16.4°C	8.2	5.34	OK	0.30		OK	1660	W	OK	—	OK	—	—
Thurs	1100	10-27-05	DR-DC	2.05		280-20		16.9°C	8.1	6.41	OK	—		OK	13044	W	OK	—	OK	—	—
Mon	1330	10-31-05	DC	0.70		450-20		16.4°C	8.9	5.50	OK	0.68	Yes	OK	7609	W	OK	—	OK	—	—

FT STATIONS:

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	0730 Current Outdoor Temp.	
Mon	1530	10-3-05	DR	4W	—	4W	—	4W	ON-4	—	off-4	69°F	Partly Cloudy
Tues	1005	10-4-05	DR	4W	—	4W	—	4W	ON-4	—	off-4	69°F	Partly Cloudy
Wed	1455	10-5-05	DR	4W	—	4-W	—	4-W	ON-4	—	off-4	66°F	Sunny
Thurs	1020	10-6-05	DR	4-W	—	4-W		4-W	ON-4	—	off-4	44°F	Partly Cloudy
Fri	1130	10-7-05	DR	4-W	—	4-W	—	4-W	ON-4	—	off-4	42°F	Sunny
Mon	1320	10-10-05	DR	4-W		4-W		4-W	ON-4	—	off-4	44°F	Partly Cloudy
Tues	1130	10-11-05	DR	4-W		4-W		4-W	ON-4	—	off-4		
Thurs	1020	10-13-05	DR	4-W		4-W		4-W	ON-4	—	off-4		
FRI	1015	10-14-05	DR	4-W		4-W		4-W	ON-4	—	off-4	46°F	Sunny
Mon	1215	10-17-05	DR	4-W		4-W		4-W	ON-4	—	off-4		
Wed	1215	10-19-05	DR	4-W		4-W		4-W	ON-4	—	off-4		
Thurs	1545	10-20-05	DR	4-W		4-W		4-W	ON-4		off-4		Mostly Cloudy
Mon	1230	10-24-05	DR	4-W		4-W		4-W	ON-4		off-4		
Tues	1505	10-25-05	DR+DC	4-W		4-W		4-W	ON-4		off-4		
Wed	1405	10-26-05	DR+DC	—		—		—	—		—		
Thurs	1100	10-27-05	DR+DC	4-W		4-W		4-W	ON-4		off-4		
Mon	1330	10-31-05	DC									50's	

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

Quail Valley Lake

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Mon	1540	10-3-05	DR	OK	OK	OK	—	—	NA	little	Yes	OK	OK	Yes	
Tues	1005	10-4-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Wed	1455	10-5-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Thurs	1030	10-6-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Fri	1145	10-7-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Mon	1335	10-10-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	tightened packing on all air fitting + Valves
Tues	1145	10-11-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Thurs	1030	10-13-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
FRI	1025	10-14-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Mon	1225	10-17-05	DR	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Wed	1225	10-19-05	DR-DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Thurs	1545	10-20-05	DR-DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Mon	1240	10-24-05	DR-DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Tues	1515	10-25-05	DR-DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Wed	1405	10-26-05	DR-DC	—	—	—				—	—	—	—	—	pumped out septic tank 2909 Canterbury
Thurs	1110	10-27-05	DR-DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	
Mon	1330	10-31-05	DC	OK	OK	OK	—	—		little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 11-1-05

MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W = Working					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids ml/L-min	Sludge ~~Judge Feet~~ Wasted	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Thurs	1635	9-1-05	JB	0.77 blower off		290-20	317 gal	23.9°C	7.6	5.73		0.59			7,668	W	OK	-	OK		
F-1	1050	9-2-05	DR	0.76 blower off	—	330-20	317 gal	24.1°C	8.8	4.91	OK	0.59	yes	OK	7609	W	OK	—	OK	—	—
Mon	1120	9-6-05	DR	0.99 blower off	—	230-30	—	23.8°C	8.3	4.43	Cleaned	0.11		OK	15218	W	OK	—	OK	—	—
Thurs		9-8-05	DR	3.41	—	290-20	—	24.6°C	8.5	5.50	—	added		OK	15218	W	OK	—	OK	—	—
FRI	1050	9-9-05	DR	1.91 blower off	—	290-20	238	27.1°C	8.3	4.37	Cleaned	0.36		OK	15218	W	OK	—	OK	—	—
Mon	1040	9-12-05	DR	2.37	—	310-20	238	23.9°C	8.4	4.43	Cleaned	0.21		OK	5707	W	OK	—	OK	—	—
Tues	1335	9-13-05	DR	2.17	—	310-20	—	25.1°C	8.3	5.76	—	0.19		OK	9131	W	OK	—	OK	—	—
Fri	1330	9-16-05	DR	3.19	—	300-20	317	23.1°C	8.2	4.63	Cleaned	0.18		OK	11413	W	OK	—	OK	—	—
Tues	0925	9-20-05	DR	2.97	—	300-20	317	22.7°C	8.4	4.41		0.04	yes	OK	15218	W	OK	—	OK	—	—
Fri	1015	9-23-05	DR	2.91		290-20	317	23.1°C	8.6	5.12		0.06		OK	13044	W	OK	—	OK	—	—
Mon	1045	9-26-05	DR	3.59	—	310-20	—	22.9°C		5.38	Cleaned	0.11	yes	OK	11413	W	OK	—	OK		
Thurs	1200	9-29-05	DR	0.78 blower junior	—	280-20	159	20.9°C	8.0	4.22	Cleaned	0.04		OK	2853	W	OK	—	OK	—	—
Fri		9-30-05	DR	4.72		300-20	317	21.3°C	8.6	5.12	Cleaned	0.05		OK	7609	W	OK	—	OK	—	—

FT STATIONS: W = Working

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	0730 Current Outdoor Temp.	weather
Thur		9-1-05	JB	W-4		W-4		W-4	ON-4		off-4		
Fri		9-2-05	DR	W-4	—	W-4		W-4	ON-4	—	off-4	64°F	Sunny
Tues		9-6-05	DR	W-4		W-4		W-4	ON-4	—	off-4		Partly Cloudy
Thurs		9-8-05	DR	W-4	—	W-4		W-4	ON-4	—	off-4		
Fri		9-9-05	DR	W-4		W-4		W-4	ON-4	—	off-4	67°F	Partly Cloudy
Mon		9-12-05	DR	W-4		W-4		W-4	ON-4		off-4	67°F	Sunny
Tues		9-13-05	DR	W-4		W-4		W-4	ON-4		off-4	70°F	Partly Cloudy
Wed		9-14-05	DR	W-4		W-4		W-4	ON-4		off-4		
Fri		9-16-05	DR	W-4		W-4		W-4	ON-4		off-4	58°F	Mostly Cloudy
Tues		9-20-05	DR	W-4		W-4		W-4	ON-4		off-4	69°F	overcast
Wed		9-21-05	DR										
Thurs		9-22-05	DR									74°F	Partly Cloudy
Fri	6	9-23-05	DR	W-4		W-4		W-4	ON-4		off-4		
Mon		9-26-05	DR	W-4		W-4		W-4	ON-4		off-4	70°F	Partly Cloudy
Thurs		9-29-05	DR	W-4		W-4		W-4	ON-4		off-4	45°F	Sunny
Fri		9-30-05	DR	W-4		W-4		W-4	ON-4		off-4		

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATIONS:

Quail Valley

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Thurs	1635	9-1-05	DR	OK	OK	OK			OK	little	Yes	OK	OK	Yes
Fri	1050	9-2-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1120	9-6-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs		9-8-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri	1050	9-9-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	1040	9-12-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1335	9-13-05	DR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes
Wed	1720	9-14-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri	1330	9-16-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	0925	9-20-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1525	9-21-05	DR	—	—	OK	7 on 9-21	—	OK	little	Yes	OK	OK	Yes
Thurs	0705	9-22-05	DR	OK	OK	OK	10 on 9-22	Samples S Hazen	OK	little	Yes	OK	OK	Yes
Fri	1015	9-23-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	1045	9-26-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	1200	9-29-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Fri		9-30-05	DR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes

inspected 2815 Fordale - new connection

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model:#, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 10-3-05

MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley MO #: MO-0114081 EXPIRATION DATE: 2-3-2010 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D.O. mg/L	MLSS	Sett. Solids ml/L - min	Sludge ~~Judge Feet~~ wasted	Temp.	Ph	D.O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	0830	8-1-05	JR	3.94		310-15	237 gal	23.9°C	7.5	4.62	OK	0.29	Θ	OK	7609	W	OK	—	OK	—	—
Tues	1720	8-2-05	JR	2.87		220-20	317	24.6°C	7.6	4.74	OK	0.39	Θ	OK	11413	W	OK	—	OK	—	—
Wed	1640	8-3-05	JR	2.63		330-20	—	24.9°C	7.6	4.63	OK	0.43		OK	7609	W	OK	—	OK	—	—
Mon	1050	8-8-05	JR	2.76		330-25	—	26.3°C	7.6	5.72	OK	0.06	Θ	OK	15218	W	OK	—	OK	—	—
Tues	1235	8-9-05	JR	0.06 blower tripped		330-20		26.3°C	7.4	2.96	OK	0.11		OK	7609	W	OK	—	OK	—	—
Thurs	1420	8-11-05	JR	3.19		380-15	—	26.1°C	7.8	5.12	OK	—		OK	11413	W	OK	—	OK	—	—
Mon	1510	8-15-05	JR	0.49 blower off		270-30	317	23.8°C	7.8	5.23	Cleaned	0.08	yes	OK	4565	W	OK	—	OK	—	—
Wed	1020	8-17-05	JR	2.78		280-30	317	23.8°C	7.9	5.41	OK	0.09	—	OK	11413	W	OK	—	OK	—	—
Thurs	0920	8-18-05	JR	3.16		270-30	198	23.4°C	7.7	4.73	OK	0.26	yes	OK	22827	W	OK	—	OK	—	—
Fri	1310	8-19-05	JR	3.43		260-30	—	25.8°C	7.6	4.46	Cleaned	0.40	Θ	OK	11413	W	OK	—	OK	—	—
Mon	1330	8-22-05	JR	1.86 blower off		260-30	198	25.4°C	7.9	5.57	OK	0.19		OK	7609	W	OK	—	OK	—	—
Tues	1445	8-23-05	JR	2.26		250-30	—	25.1°C	7.8	5.26	OK	0.26	yes	OK	22827	W	OK	—	OK	—	—
Thurs	1445	8-25-05	JR	0.89 blower off		240-30	198	24.2°C	7.6	4.23	OK	0.19		OK	22827	W	OK	—	OK	—	—
Mon	1020	8-29-05	JR	4.24		330-20		24.1°C	8.0	4.98	Cleaned	0.21		OK	11413	W	OK	—	OK	—	—
Tues	1210	8-30-05	JR	3.18		340-20	317	24.3°C	8.0	4.76	OK	0.48	Θ	OK	5707	W	OK	—	OK	—	—

FT STATIONS: W = Working

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	0730 Current Outdoor Temp.	
Mon	0810	8-1-05	DR	4W	—	4W	—	4W	4-ON	—	4-off	69°F	Sunny
Tues	1700	8-2-05	DR	4W		4W		4W	4-ON		4-off	72°F	Sunny
Wed	1610	8-3-05	DR	3W SE Sm alarm		4W		4W	4-ON	—	3-off 1-on		SE L.S. malarm switched to #2 pump
Thur	1030	8-8-05	DR	3W SE Sm alarm		3W i Bad		4W	4-ON	—	3 off 1 on		Sunny SE L.S. malarm bad float
Tues	1205	8-9-05	DR	4W		3W	i replaced	4W	4-ON	—	4-off	71°F	replaced bad float in SE lift Station
Thurs	1400	8-11-05	DR	4W		4W		4W	4-ON	—	4-off		
Mon	1445	8-15-05	DR	4W		4W		4W	4-ON	—	3 on 1 off	65°F	overcast & rain
Tues	1720	8-16-05	DR	4W		4W		4W	4-ON	—	4 off	71°F	overcast-light rain
Wed	0945	8-17-05	DR	4W		4W		3W i. light out	4-ON	—	4-off		but new bulb in SE left Station
Thurs	0845	8-18-05	DR	4W		4W		4W	4-ON	—	4 off	70°F	overcast & rain
Fri	1235	8-19-05	DR	4W		4W		4W	4-ON	—	3 off 1 on	73°F	Partly Cloudy E. Lift station stop float adjuster broke - fixed
Mon	1300	8-20-05	DR	4-W		4-W		4-W	4-ON	—	4-off	71°F	Mostly Cloudy
Tues	1415	8-21-05	DR	4-W		4-W		4-W	4-ON	—	4-off	69°F	overcast & rain
Thurs	1425	8-23-05	DR	4-W		4-W		4-W	4-ON	—	4 off	72°F	overcast
Mon	1000	8-29-05	DR	4-W		4-W		4-W	4-ON	—	2 on 2-off	63°F	Sunny
Tues	1445	8-30-05	DR	4-W		4-W		4-W	4-ON	—	3 off 1-on	68°F	Partly Cloudy

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

Quail Valley Lake

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled: Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Mon	0830	8/05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1720	8-2-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	turn off to lake overflow
Wed	1640	8-3-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1050	8-8-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1235	8-9-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	breaker tripped at breaker on utility pole
Thurs	1420	8-11-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1510	8-15-05	DR	muddy	muddy	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1020	8-17-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	0920	8-18-05	DR	muddy	muddy	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1310	8-19-05	DR	muddy	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1330	8-22-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1440	8-23-05	DR	muddy	muddy	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1425	8-25-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1020	8-29-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	lowered blower runtime
Tues	1210	8-30-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LA:COONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____
Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____
Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 8-31-05
MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake MO #: MO-0114081 EXPIRATION DATE: 2-3-2010 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W=WORKING					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids mL-min	Sludge ~~Judge Feet~~	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
F.	1505	7-1-05	DR	—	—	—	317	24.2°C	8.0	5.01	—	0.4	1/2 Trace	OK	11413	W	OK	—	OK	—	—
Tues	1640	7-5-05	DR	3.46	—	310-20	317	23.8°C	8.1	6.08	—	0.3	0	OK	15218	W	OK	—	OK	—	—
Thur	1720	7-7-05	DR	3.12	—	—	—	24.6°C	8.1	5.72	—	0.4	0	OK	11413	W	OK	—	—		
Mon	1720	7-11-05	DR	—	—	—	—	24.2°C	8.0	4.96	—	0<0.403	0	OK	15218	W	OK	—	OK	—	—
Tues	0940	7-12-05	DR	3.18	—	330-30	396	23.9°C	8.0	5.32	Cleaned	0.4	0.01	OK	11413	W	OK	—	OK	—	—
Fr.	1505	7-15-05	DR	2.04		510-10		24.6°C	8.0	4.89	—	0.3	0	OK	7609	W	OK	—	OK	—	—
Mon	0835	7-18-05	DR	3.92		410-30		23.7°C	8.8	4.51	Cleaned	0.3	0	OK	15218	W	OK	—	OK	—	—
Tues	1720	7-19-05	DR	—		—		24.0°C	8.1	4.38	—	0.4	0	OK	11413	W	OK	—	OK	—	—
Wed	0840	7-20-05	DR	3.81		430-30		24.3°C	8.1	4.46	Cleaned	0.3	0	OK	15218	W	OK	—	OK	—	—
Thurs	1650	7-21-05	DR	3.16		520-15	317	25.1°C	8.0	4.26	OK	0.4	0	OK	11413	W	OK	—	OK	—	—
Tues	0800	7-26-05	DR	3.94		270-30	396	24.8°C	8.2	5.32	Cleaned	0<0.403	0	OK	22827	W	OK	—	OK	—	—
Wed	1205	7-27-05	DR	3.81		260-30	264	23.6°C	8.3	5.28	OK	0.3	0.2"	OK	2075	W	OK	—	OK	—	—
Thur	1720	7-28-05	DR	2.36		850-10	—	24.1°C	8.2	4.96	OK	0.29	0	OK	3804	W	OK	—	OK	—	—
FRI	1355	7-29-05	DR	2.08		860-10	—	24.4°C	8.1	4.72	OK	0.36	0	OK	5707	W	OK	—	OK	—	—

FT STATIONS:

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Current Outdoor Temp.	
Fri		7.1.05	DR	4W		4W		4W				68°F	Mostly Cloudy
Tues	1600	7.5.05	DR	4W		4W		4W				63°F	Sunny
Thurs	1710	7.7.05	DR	4W		4W		4W				64°F	Sunny
Mon	1710	7.11.05	DR	4W		4W		4W				63°F	Mostly Cloudy
Tues	0905	7.12.05	DR	4W		4W		4W				70°F	Overcast
Fri	1450	7.15.05	DR	4W		4W		4W				72°F	Sunny
Mon	0835	7.18.05	DR	4W		4W		4W				77°F	Mostly Clouded
Tues	1710	7.19.05	DR	4W		4W		4W				72°F	Partly Cloudy
Wed	0755	7.20.05	DR	4W		4W		4W				78°F	Sunny
Thurs	1615	7.21.05	DR	4W		4W		4W				79°F	Partly Cloudy
Tues	0750	7.26.05	DR	4W		4W		4W				80°F	Mostly Cloudy
Wed	1155	7.27.05	DR	4W		4W		4W				62°F	Sunny
Thur	1710	7.28.05	DR	4W		4W		4W					Sunny
Fri	1340	7.29.05	DR	4W		4W		4W				61°F	Sunny

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

Quail Valley

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Fri	1505	7-1-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1640	7-5-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1720	7-7-05	DR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes	
Mon	1720	7-11-05	DR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes	
Tues	0940	7-12-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Fri	1505	7-15-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0835	7-18-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1720	7-19-05	DR	OK	OK	OK	—		OK	little	Yes	OK	OK	Yes	
Wed	0840	7-20-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran creek to 1st fence
Thurs	1650	7-21-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0850	7-26-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1705	7-27-05	DR	OK	OK	OK			OK	little	Yes	OK	OK	Yes	ran string trimmer off to lake overflow
Thurs	1720	7-28-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Fri	1355	7-29-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____
Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____
Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 8-1-05
MONTH/DAY/YEAR

Quail Valley

PLANT NAME: Quail Valley Lake MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W = Working					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids ml/L min	Sludge ~~Judge Feet~~ lbs steel	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
FRI	1440	6-3-05	DR																		
Sa.	0700	6-4-05	DR																		
Mon	1120	6-6-05	DR	3.09		510-30	476	20.6°C	8.1	5.27	Cleaned	0.3	0.15"	OK	7609	W	OK	—	N.C	—	—
Thurs	1715	6-9-05	DR	0.49	blower off	430-30		28.9°C	7.8	3.46	—	0.3		OK	5707	W	OK	—	Cleaned	—	Yes
SAT	0950	6-11-05	DR	3.92	—	560-15	—	21.9°C	8.0	4.79	—	0.4		OK	11413	W	OK	—	OK	—	—
Mon	0800	6-13-05	DR	0.96	blower off	370-30	—	22.6°C	8.0	3.96	—	0.3		OK	22827	W	OK	—	OK	—	—
Tues	1655	6-14-05	DR	3.97	—	360-30		22.1°C	8.0	5.17	—	0.3		OK	4565	W	OK	—	OK	—	—
Fri	1505	6-17-05	DR	3.14	—	510-10	—	22.3°C	8.1	5.43		0.4		OK	5707	W	OK	—	OK	—	Yes
Mon	1415	6-20-05	DR	3.88	—	400-30	317	22.3°C	8.1	6.19	Cleaned	0.3	Θ	OK	7609	W	OK	—	OK	—	—
Tues	1350	6-21-05	DR	3.93	—	360-30	397	23.2°C	8.1	5.77		0.3	Θ	OK	11413	W	OK	—	OK	—	—
Thurs	0935	6-23-05	DR	3.74	—	280-30	317	22.4°C	8.0	4.03	Cleaned	0.3	Θ	OK	11413	W	OK	—	OK	—	—
Fri	1450	6-24-05	DR	4.11		280-30	—	24.8°C	8.1	5.43	—	0.4	Θ	OK	11413	W	OK	—	OK	—	—
Mon	1715	6-27-05	DR	2.35	—	360-20		24.3°C	8.1	6.36	—	0.4	Θ	OK	9131	W	OK	—	OK	—	—
Tues	0915	6-28-05	DR	3.22	—	280-30	317	22.9°C	8.1	6.32	Cleaned	0.3	Θ	OK	15218	W	OK	—	OK	—	—
Thurs	0935	6-30-05	DR	3.87	—	290-30	317	23.7°C	8.0	5.26	OK	0.3	Θ	OK	15218	W	OK	—	OK	—	—

T STATIONS:

W = Working

/ of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	0730 Current Outdoor Temp.	
FRI		6-3-05	SR										
Sat	0650	6-4-05	SR	4W		4W		4W	ON	—	off		
Mon	1110	6-6-05	SR									66°F	Mostly Cloudy
Wed		6-8-05	SR	—		—		—	ON	—	off		Partly Cloudy
Thurs	1645	6-9-05	SR	4W		4W		4W	ON		off	69°F	Mostly Cloudy
Sat	0950	6-11-05	SR	—		—		—	—		off		
Mon	0800	6-13-05	SR	~~4W~~ 4W		~~4W~~ 4W		~~4W~~ 4W	~~ON~~		off		
Tues	1645	6-14-05	SR	4W		4W		4W	ON		off	69°F	Partly Cloudy
Wed	1155	6-15-05	SR	—		—		—	—				
FRI	1455	6-17-05	SR	4W		4W		4W	ON		off	64°F	Sunny
Mon	1340	6-20-05	SR	4W		4W		4W	ON		off	61°F	Sunny
Tues	1315	6-21-05	SR	4W		4W		4W	ON		off	61°F	Sunny
Thurs	0900	6-23-05	SR	4W		4W		4W	ON		off	72°F	Sunny
FRI	1415	6-24-05	SR	4W		4W		4W	ON		off	73°F	Sunny
Mon	1165	6-27-05	SR	4W		4W		4W	ON		off	72°F	Sunny
Tues	0840	6-28-05	SR	4W		4W		4W	ON		off	70°F	Sunny
Thurs	0900	6-30-05	SR	4W		4W		4W	ON		off	74°F	Sunny

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATIONS: Quail Valley Lake

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled: Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
FRI	1440	6-3-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
SAT	0700	6-4-05	GR	OK	OK	OK	—	-	OK	little	Yes	OK	OK	Yes
MON	1120	6-6-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed		6-8-05	GR	OK	OK	OK	Scum trap	—	OK	little	Yes	OK	OK	Yes
Thurs	1715	6-9-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Sat	0950	6-11-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0800	6-13-05	GR	OK	OK	OK	Scum trap	—	OK	little	Yes	OK	OK	Yes
Tues	1655	6-14-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1155	6-15-05	GR	OK	OK	OK	Scum trap	—	OK	little	Yes	OK	OK	Yes
FRI	1505	6-17-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	1415	6-20-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	Weeds mowed	Yes
Tues	1350	6-21-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed		6-22-05	~~GR~~				1-6-23							
Thurs	0935	6-23-05	GR	OK	OK	OK	1-6-23	623	OK	little	Yes	OK	OK	Yes
FRI	1450	6-24-05	GR	OK	OK	OK	—	~~62~~	OK	little	Yes	OK	OK	Yes
Mon	1115	6-27-05	GR	OK	OK	OK	—	✓	OK	little	Yes	OK	OK	Yes
Tues	0915	6-28-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0935	6-30-05	GR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#; brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): Tena, Aaron, Jerry & (PSC)

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 6-30-05
MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W = Working					
Day of Week	Time	Date	Oper. Initials	D.O. mg/L	MLSS	Sett. Solids ml/L 5min	Sludge Judge Feet wasted	Temp.	Ph	D.O. mg/L	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	0950	5-2-05	DR	2.48	—	430-30	95 gal	12.8°C	7.9	5.79	OK	0.3	θ	OK	15218	W	OK	—	N.C	—	—
Tues	1540	5-3-05	DR	3.09		810-10	—	13.4°C	7.8	5.46	OK	0.3	θ	OK	9130	W	OK	—	N.C	—	—
Thurs	1015	5-5-05	DR	2.46	—	480-30	634	14.6°C	7.5	5.78	Cleaned	0.3	θ	OK	15218	W	OK	—	N.C	—	—
FRI	0940	5-6-05	DR	2.11		450-30	317	15.3°C	7.9	4.62	OK	0.4	θ	OK	11413	W	OK	—	N.C	—	—
MON	1030	5-9-05	DR	3.27		470-30	—	15.9°C	8.0	5.89	Cleaned	OK?<0.3	0.05	OK	7609	W	OK	—	N.C	—	—
Tues	1030	5-10-05	DR	3.31	—	460-30	317	16.7°C	7.8	4.38	OK	0.3	θ	OK	5707	W	OK	—	N.C	—	—
Thurs	0945	5-12-05	DR	2.21	—	390-30	634	17.1°C	8.0	4.87	Cleaned	0.6	Yes	OK	13044	W	OK	—	NC	—	—
FRI	0945	5-13-05	DR	2.16		460mL/L	476	17.4°C	8.0	5.07	Cleaned	OK?<0.3	Yes 0.1"	OK	11413	W	OK	—	N.C	—	—
MON	1000	5-16-05	DR	0.38	—	410-30	476	16.3°C	8.0	5.83	Cleaned	0.0	θ	OK	7609	W	OK	—	N.C	—	—
Thurs	1100	5-19-05	DR	2.36	—	430-30	317	19.2°C	8.6	5.17	OK	OK?<0.3	θ	OK	3804	W	OK	—	N.C	—	—
FRI	1135	5-20-05	DR	0.36 Blower Shut off		430-30	238	18.5°C	8.0	5.07	OK	OK?<0.3	θ	OK	3261	W	OK	—	N.C		
MON	1300	5-23-05	DR	0.36		610-15	—	20.8°C	7.7	5.87	Cleaned	0.2		OK	1440	W	OK	—	N.C	—	—
Tues	1720	5-24-05	DR	3.06		790-30	—	21.5°C	7.8	4.94	OK	0.3		OK	11413	W	OK	—	N.C	—	—
Thurs	1715	5-26-05	DR	2.13		860-10	159	19.8°C	8.0	4.76	—	0.3	θ	OK	2853	W	OK	—	N.C.	—	—
FRI	0930	5-27-05	DR	3.73		510-30	317	18.1°C	8.1	5.36	Cleaned	0.4	θ	OK	11413	W	OK	—	N.C.	—	—
MON	0920	5-30-05	DR	2.73			—	18.7°C	8.1	5.97	OK	0.3	θ	OK	11413	W	OK	—	N.C		
Tues	1715	5-31-05	DR	—		—		20.3°C	8.1	5.77	OK	?	θ	OK	3804	W	OK	—	OK		

FT STATIONS:

y of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Current Outdoor Temp.	Weather
												0730	
Mon	0845	5-2-05	BR	4-W	—	4W	—	4W	ON	—	off	37°F	Sunny
Tues	1520	5-3-05	BR	4-W	—	4-W	—	4-W	ON	—	off		
Thurs	0950	5-5-05	BR	4-W	—	4-W	—	4-W	ON	—	off	43°F	Sunny
FRI	0900	5-6-05	BR	4-W	—	4-W	—	4-W	ON	—	off	48°F	Sunny
MON	0900	5-9-05	BR	4-W	—	4-W	—	4-W	ON	—	off	64°F	Partly Cloudy
Tues	0955	5-10-05	BR	4-W	—	4-W	—	4-W	ON	—	off	62°F	Sunny
Wed		5-11-05	BR								off	72°F	Mostly cloudy
Thurs	0900	5-12-05	BR	4-W	—	4W	—	4-W	ON	—	off	61°F	Partly Cloudy
FRI	0820	5-13-05	BR	4-W	—	4W	—	4-W	ON	—	off	63°F	Mostly Cloudy
MON	0830	5-16-05	BR	4-W	—	4-W	—	4W	ON	—	off	43°F	Sunny
Wed		5-18-05	BR	—	—	—		—			off	58°F	Partly Cloudy
Thurs	1010	5-19-05	BR	4-W		4-W		4W	ON		off	56°F	Sunny
FRI	1055	5-20-05	BR	4-W		4-W		4W	ON		off	61°F	Sunny
MON		5-23-05	BR	4-W	—	4W		4-W	ON		off		
Tues	1710	5-24-05	BR	4W		4-W		4-W	ON		off	61°F	Sunny
Wed		5-25-05	BR								off	55°F	Partly Cloudy
Thurs		5-26-05	BR									61°F	Mostly Cloudy
FRI	0850	5-27-05	BR	4-W		4-W		4-W	ON		off		
MON	0910	5-30-05	BR	4W		4W		4W	ON		off		
Tues		5-31-05	BR								off		

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Mon	0950	5-2-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran strong trimmer inside plant + sprayed Round UP
Tues	1540	5-3-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1015	5-5-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	0940	5-6-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran creek eff to 1st fence
Mon	1030	5-9-05	DR	OK	OK	OK	1 on 5-09	—	OK	little	Yes	OK	OK	Yes	scrubbed RAS lines
Tues	1030	5-10-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1430	5-11-05	DR	OK	OK	OK	1 on 5-11	—	OK	little	Yes	OK	OK	Yes	
Thurs	0945	5-12-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	0945	5-13-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran creek eff to 2nd fence
Mon	1000	5-16-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	No	Vandals took all grate off, adjusted air valves + took out tubes
Wed	0805	5-18-05	DR	OK	OK	OK	pumped Sum Cap		OK	little	Yes	OK	OK	Yes	
Thurs	1100	5-19-05	DR	OK	OK	OK	—	5-19	OK	little	Yes	OK	OK	Yes	
FRI	1135	5-20-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1310	5-23-05	RB	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1720	5-24-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0830	5-25-05	DR				cleaned clarifier		OK	little	Yes	OK	OK	Yes	
Thurs	0715	5-26-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran string trimmer past eff
FRI	0930	5-27-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0920	5-30-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1715	5-31-05	DR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 5-31-05

MONTH/DAY/YEAR

Quail Valley Lake

PLANT NAME: Quail Valley Lake WWTP MO #: MO-0114081 EXPIRATION DATE: 9-3-10 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS: W = Working					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L meter bad	MLSS	Sett. Solids ml/L-min	Sludge ~~Judge Feet~~ wasted	Temp.	Ph	D. O. mg/L meter bad	Weir Cond.	CL2 mg/L	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	L	4-4-05	AL																		
Tues	0920	4-5-05	JR	2.19		460-30	211gal	12.4°C	7.9	—	OK	0<?<0.3	~~0~~	OK	15218	W	OK	—	OK	—	—
Thurs	0920	4-7-05	JR	2.21		400-30	159gal	13.2°C	7.6	5.67	OK	0.3	Yes	OK	18262	W	OK	—	OK	—	—
FRI	1325	4-8-05	JR	1.53		490-30	476	13.5°C	7.9	6.08	OK	0.3	Yes	OK	13044	W	OK	—	OK	—	—
Mon	0930	4-11-05	JR	1.56		460-30	634	14.4°C	7.8	5.37	OK	0.3	Yes	OK	15218	W	OK	—	OK	—	—
Tues	0950	4-12-05	JR	2.64		470-30	264	14.2°C	7.9	5.78	OK	0<?<0.3	Yes	OK	18262	W	OK	—	OK	—	—
Thurs	1000	4-14-05	JR	3.89		460-30	317	13.2°C	8.0	5.18	Cleaned	0<?<0.3	~~0~~	OK	15218	W	OK	—	OK	—	—
FRI	1450	4-15-05	JR	2.76		450-30	317	13.6°C	7.8	4.79	OK	0.3	~~0~~	OK	11413	W	OK	—	OK	—	—
Mon	0930	4-18-05	JR	3.36		490-30	396	14.8°C	8.0	5.43	OK	0<?<0.3	~~0~~	OK	11413	W	OK	—	N.C	—	—
Tues	0930	4-19-05	JR	3.19		440-30	238	15.9°C	7.8	3.74	Cleaned	0.3	~~0~~	OK	9130	W	OK	—	N.C	—	—
Mon	0925	4-25-05	JR	2.63		490-30	317	14.1°C	7.9	5.59	OK	0<?<0.3	~~0~~	OK	4565	W	OK	—	N.C	—	—
Tues	1545	4-26-05	JR	3.49		610-20	159	14.6°C	8.0	6.07	OK	0<?<0.3	Yes	OK	11413	W	OK	—	N.C	—	—
Thurs	0945	4-28-05	JR	2.67		410-30	317	14.1°C	7.7	3.13	OK	0.3	Yes	OK	22827	W	OK	—	N.C	—	—
FRI	0835	4-29-5	JR	2.02		690-10	—	13.4°C	7.9	4.79	OK	0.3	Yes	OK	22827	W	OK	—	N.C	—	—

T STATIONS: W = Working

of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Current Outdoor Temp.	Weather
												0730	
Mon		4-4-05	AL	4-W	—	4W	—	4W	ON	—	off	59°F	Sunny
Tues	0910	4-5-05	JR	4W	—	4-W	—	4W	ON	—	off	58°F	P. Cloudy
Wed	0930	4-6-05	JR									55°F	overcast
Thurs	0910	4-7-05	JR	4W	—	4W	—	4W	ON	—	off	59°F	overcast
Fri	1250	4-8-05	JR	4W	—	4W	—	4W	ON	—	off	40°F	Sunny
Mon	0850	4-11-05	JR	4W	—	4W	—	4W	ON	—	off	60°F	Mostly Cloudy
Tues	0910	4-12-05	JR	4W	—	4W	—	4W	ON	—	off	51°F	Partly Cloudy
Thurs	0845	4-14-05	JR	4W	—	4W	—	4W	ON	—	off	47°F	Sunny
FRI	1435	4-15-05	JR	4W	—	4W	—	4W	ON	—	off	39°F	Sunny
Mon	0855	4-18-05	JR	4W	—	4W	—	4W	ON	—	off	51°F	P. Cloudy
Tues	0900	4-19-05	JR	4W	—	4W	—	4W	ON	—	off	59°F	Sunny
Wed		4-20-05	JR									58°F	Partly Cloudy
Mon	0850	4-25-05	JR	4W	—	4W	—	4W	ON	—	off	58°F	Mostly Cloudy
Tues		4-26-05	JR									42°F	Partly Cloudy
Thurs	0910	4-28-05	JR	4W	—	4W	—	4W	ON	—	off	46°F	overcast
FRI	0825	4-29-05	JR	4W	—	4W	—	4W	ON	—	off	46°F	overcast

ran creek/eff to 1st fence

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATORS: QUAIL VALLEY

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled - Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
on		4-4-05	AL	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0920	4-5-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0930	4-6-05	JR	OK	OK	OK	Jim [illegible]	—	OK	little	Yes	OK	OK	Yes	
Thurs	0920	4-7-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1325	4-8-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0930	4-11-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	increased blower run time
Tues	0950	4-12-05	JR	OK	OK	OK	—	4-12	OK	little	Yes	OK	OK	Yes	
Thurs	1000	4-14-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1450	4-15-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0930	4-18-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0930	4-19-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1350	4-20-05	JR	OK	OK	OK	1 on 4-20	—	OK	little	Yes	OK	OK	Yes	
Mon	0925	4-25-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	mowed here since last time I was here
Tues	1545	4-26-05	JR	OK	OK	OK	—	—	Cleaned	little	Yes	OK	OK	Yes	
Thurs	0945	4-28-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	0835	4-29-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 4-29-05

MONTH/DAY/YEAR

Quail Valley

PLANT NAME: Quail Valley Lake WWTF MO #: MO-0114081 EXPIRATION DATE: 2-3-10 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS: w = working					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids ml/L-min	Sludge ~~Judge Feet~~ weeks	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2	Precipitation	Oil	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Tues	0925	3-1-05	JR	3.10	—	340-30	238gal	7.5°C	7.8	4.46	OK	—	Ø	OK	11413	W	OK	—	N.C	—	—
Wed	1210	3-3-05	JR	—	—	—	—	11.7°C	8.1	7.49	OK	—	Ø	OK	3804	W	OK	—	N.C	—	—
FRI	1235	3-4-05	JR	3.76	—	300-30	—	11.0°C	7.6	7.76	OK	—	Ø	OK	3804	W	OK	—	N.C	—	—
Mon	0930	3-7-05	JR	2.08	—	280-30	—	9.7°C	7.4	5.62	OK	—	weekend rain	OK	15218	W	OK	—	N.C	—	—
Tues	0855	3-8-05	JR	2.11	—	—	—	9.1°C	7.3	4.48	OK	—	Ø	OK	15218	W	OK	—	N.C	—	—
THUR	1540	3-10-05	JR	3.94	—	330-30	—	9.4°C	7.1	6.56	OK	—	Ø	OK	22827	W	OK	—	N.C	—	—
Mon	1030	3-14-05	JR	2.78	—	330-30	—	9.3°C	7.5	5.14	Cleaned	—	Ø	OK	15218	W	OK	—	N.C	—	—
Tues	0920	3-15-05	JR	2.94	—	320-30	—	9.8°C	7.7	4.84	OK	—	Ø	OK	15218	W	OK	—	N.C	—	—
Thurs	1540	3-17-05	JR	2.36	—	320-30	—	10.0°C	7.4	5.16	OK	—	Ø	OK	15218	W	OK	—	N.C	—	—
FRI	1515	3-18-05	JR	3.87	—	370-30	—	9.7°C	7.7	6.31	OK	—	spotty rain	OK	4565	W	OK	—	N.C	—	—
Mon	1545	3-21-05	JR	meter in shop	—	330-30	476	9.6°C	8.2	meter in shop	Cleaned	—	Ø	OK	16030	W	OK	—	N.C	—	—
Tues	1535	3-22-05	JR	3.40	—	330-30	317	9.9°C	7.8	5.78	OK	—	rain	OK	15218	W	OK	—	N.C	—	—
Thurs	0850	3-24-05	JR	3.18	—	320-30	317	9.6°C	7.9	5.27	OK	—	Ø	OK	13043	W	OK	—	N.C	—	—
FRI	0920	3-25-05	JR	3.68	—	340-30	634	9.4°C	7.9	5.79	Cleaned	—	overcast sky	OK	22827	W	OK	—	N.C	—	—
Mon	0940	3-28-05	JR	3.02	—	330-30	317	9.7°C	7.8	4.96	Cleaned	—	Ø	OK	11413	W	OK	—	N.C	—	—
Tues	0935	3-29-05	JR	3.27	—	310-30	317	10.4°C	7.9	5.10	OK	—	Ø	OK	11413	W	OK	—	N.C	—	—
Wed	1100	3-30-05	JR	3.41	—	320-30	317	12.8°C	7.9	5.16	OK	—	Ø	OK	9130	W	OK	—	N.C	—	—
Thurs	0910	3-31-05	JR	1.76	—	340-30	317	11.3°C	8.0	6.34	OK	—	Ø	OK	15218	W	OK	—	N.C	—	—

T STATIONS:

W = Working

of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Tues	0915	3-1-05	JR	3W SE down	—	3W	—	3W	ON	—	off
Wed	1020	3-2-05	JR	SE down							off
Thur	1200	3-3-05	JR	3W-SE down	—	3W	—	3W	ON	—	off
FRI	1220	3-4-05	JR	3W SE down	—	3W	—	3W	ON		off
Mon	0930	3-7-05	JR	3W SE down	—	3W	—	3W	ON	—	off
Tues	0825	3-8-05	JR	SE down	—	—	—	—	—	—	off
Thur	1540	3-10-05	JR	3W- SE down	—	3W	—	3W	ON	—	off
FRI	1550	3-11-05	JR	4W	2 SE 3-11	4W	—	4W	ON	—	off
Mon	1015	3-14-05	JR	3W SE tripped		4W	—	4W	3ON 1-OFF	—	off
Tues	0920	3-15-05	JR	4W	—	4W	—	4W	ON	—	off
Thur	1540	3-17-05	JR	4W	—	4W	—	4W	ON	—	off
FRI	1440	3-18-05	JR	4W	—	4W	—	4W	ON	—	off
Mon	1530	3-21-05	JR	4W	—	4W	—	4W	ON	—	off
Tues	1585	3-22-05	JR	4W	—	4W	—	4W	ON	—	off
Thur	0830	3-24-05	JR	4W	—	4W	—	4W	ON	—	off
FRI	0920	3-25-05	JR	4W	—	4W	—	4W	ON	—	off
Mon	0920	3-28-05	JR	4W	—	4W	—	4W	ON	—	off
Tues	0920	3-29-05	JR	4W	—	4W	—	4W	ON	—	off
Wed	1045	3-30-05	JR	4W	—	4W	—	4W	ON	—	off
Thu	0855	3-31-05	JR	4W	—	4W	—	4W	ON	—	off

730 AM

Current Outdoor Temp.	weather	LS comments
23°F	Sunny	Jamey will pump SE out this A.M
23°F	Sunny	I pumped out SE L.S.
	Sunny	I pumped out SE L.S
	Sunny	Richard will pump SE L.S.
51°C	Partly Cloudy	Jamey will pump SE today I did on SAT & SUN
23°C	Sunny	I pumped out SE L.S
33°C	Pcloudy	Jamey pumped out SE L.S.
37°F	Sunny	Jason & I put new New pumps in SE Lift Station
26°F	Sunny	SE LS breaker will not run both pumps at once - went to 1
35°F	Pcloudy	
34°F	Sunny	cleaned driveway at SE LS.
41°F	P Cloudy	
42°F	overcast	
40°F	overcast	
37°F	overcast	
42°F	overcast	
33°F	Clear	
50°F	Sunny	
61°F	P Cloudy	
44°F	Sunny	

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

ERATIONS:

of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled: Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Tues	0925	3-1-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1050	3-2-05	JR	OK	OK	OK	1 on 3-2	—	OK	little	Yes	OK	OK	Yes	
Thurs	1210	3-3-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1235	3-4-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0930	3-7-05	JR	Muddy	Muddy	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0855	3-8-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1540	3-10-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
MON	1030	3-14-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran off/creek to lake overflow - gravel
Tues	1015	3-15-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	0920	3-16-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	brought loads on mostly clear water from SB-wtr
Thurs	1540	3-17-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1515	3-18-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	1545	3-21-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1535	3-22-05	JR	Muddy	Muddy	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	0850	3-24-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	0920	3-25-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0940	3-28-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	0935	3-29-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1100	3-30-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	0940	3-31-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

model#, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

any suggested Capital Improvements you feel are needed: _____

any parts used on or ordered for facility: 2 new pumps in SE Lift Station 3-1-05

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

er: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 3-31-05

MONTH/DAY/YEAR

Quail Valley Lake Subdivision

PLANT NAME: WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

730 AM

MIXED LIQUOR:								EFFLUENT:								Weather	BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D.O. mg/L	MLSS	Sett. Solids ml/L-min	Sludge Judge ~~Weight~~ Feet	Temp.	Ph	D.O. mg/L	Weir Cond.	CL2	Check Oil	Oil Change	Flow gpd	Air Temp	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
[illegible]	0950	2-1-05	JR	3.27	—	270-30	159 gal	6.5°C	7.3	4.84	Cleaned	NA	OK	—	11413		W	OK	—	N.C	—	—
Thurs	1540	2-3-05	JR	3.29	—	240-30	317	7.8°C	7.6	6.34	OK	—	OK	—	2536		W	OK	—	N.C		
FRI	0905	2-4-05	JR	3.44	—	250-30	317	7.6°C	7.5	3.86	OK	—	OK	—	7609		W	OK	—	N.C	—	—
Mon	0930	2-7-05	JR	3.17	—	250-30	159	8.6°C	7.2	5.94	OK	—	OK	—	15218		W	OK	—	N.C	—	—
Tues	1545	2-8-05	JR	2.39		310-30	317	7.9°C	7.2	5.86	OK	—	OK	—	11413		W	OK	—	N.C	—	—
Wed	1225	2-9-05	JR	2.63	—	380-30	211	6.8°C	7.5	6.43	OK	—	OK	—	5707		W	OK	—	N.C	—	—
FRI	1030	2-11-05	JR	2.91	—	410-30	—	7.5°C	7.3	5.36	Cleaned	—	OK	—	11413		W	OK	—	N.C	—	—
Mon	1015	2-14-05	JR	3.97	—	290-30	—	8.5°C	7.6	8.13	Cleaned	—	OK	—	22827		W	OK	—	N.C	—	—
Tues	0980	2-15-05	JR	3.16	—	400-20	—	8.8°C	7.5	5.36	OK	—	OK	—	22827		W	OK	—	N.C	—	—
Thurs	0920	2-17-05	JR	3.81	—	290-30	264	7.9°C	7.1	7.04	OK	—	OK	Sunny	22827		W	OK	—	N.C	33°F	—
FRI	0930	2-18-05	JR	4.42	—	290-30	951	7.6°C	7.3	7.64	OK	—	OK	Sunny	15218		W	OK	—	N.C	30°F	—
Mon	0940	2-21-05	JR	3.56	—	300-30	317	8.9°C	7.6	5.98	Cleaned	—	OK	overcast	11413		W	OK	—	N.C	40°F	— weather warm
Tues	1540	2-22-05	JR	4.72	—	260-30	317	9.7°C	7.9	6.14	OK	—	OK	P Cloudy	7609		W	OK	—	N.C	37°F	—
Thurs	0920	2-24-05	JR	2.49	—	280-30	—	7.8°C	8.3	6.37	Cleaned	—	OK	overcast	22827		W	OK	—	N.C	32°F	must Rain
FRI	0930	2-25-05	JR	3.76	—	360-25	—	8.6°C	8.2	8.34	OK	—	OK	Sunny	15218		W	OK	—	N.C	27°C	—
Mon	1325	2-28-05	JR	2.08	—	400-25	476	7.7°C	7.5	6.41	OK	—	OK	P Cloudy	11413		W	OK	—	N.C	31°C	weather warm

W- Working

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Tues	0940	2-1-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
Thurs	1530	2-3-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
FRI	0855	2-4-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
[illegible]	0920	2-7-05	JR	3W-SE#1W		W	—	W	ON	—	off
Tues	1530	2-8-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
Wed	1210	2-9-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
FRI	1020	2-11-05	JR	3W-SE#1W	—	W	—	W	ON	—	off
Mon	1005	2-14-05	JR	3W-SE#1 TRIPPED		W	—	W	ON-off	—	off
Tues	0835	2-15-05	JR	3W-SE down	—	W	—	W	on-off	—	off
Wed		2-16-05	JB	SE LS pumped out in AM.							
Thurs	0910	2-17-05	JR	3W-SE down	—	W	—	W	ON-ON	—	off
FRI	0910	2-18-05	JR	3W-SE down	—	W	—	W	ON-ON	—	off
Mon	0930	2-21-05	JR	3W-SE down	—	W	—	W	ON ON	—	off
Tues	1540	2-22-05	JR	3W-SE down		W	—	W	ON ON	—	off
Wed	0935	2-23-05	JR	3W-SE down	—	W	—	W	ON-ON	—	off
Thurs	0920	2-24-05	JR	3W SE down		W	—	W	ON ON	—	off
FRI	0930	2-25-05	JR	3W SE down		W	—	W	ON ON	—	off
Mon	1315	2-28-05	JR	3 SE down		W	—	W	ON-ON		off

seems to be motor problem at SE

Jamey pumped down SE in AM.
Richard pumped down SE in AM Aaron pumped SE over weekend
Alan pumped down SE in AM
Jamey pumped down SE
Richard pumped down SE I doubt yesterday
Richard pumped down SE [illegible]
Richard will pump down SE
Jamey pumped down SE lift station Sat, Sun & Monday

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.
Tues	0950	2-1-05	JR														
Thurs	1540	2-3-05	JR														
FRI	0905	2-4-05	JR														

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No	
Tues	0950	2-1-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	1540	2-3-05	JR	OK	OK	OK	—	2-3-05	OK	little	Yes	OK	OK	Yes	
Fri	0905	2-4-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0930	2-7-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran off to lake overflow
Tues	1545	2-8-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1225	2-9-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	1030	2-11-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
MON	1015	2-14-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran off filtered to lake overflow
Tues	0900	2-15-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Thurs	0920	2-17-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
FRI	0920	2-18-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Mon	0940	2-21-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Tues	1540	2-22-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
Wed	1015	2-23-05	JR	OK	OK	OK	1/2 on 2-23	—	OK	little	Yes	OK	OK	Yes	
Thurs	0920	2-24-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	ran off creek past wet fence
FRI	0930	2-25-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	
MON	1325	2-28-05	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes	

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg Ratcliff

Date: 2-28-05
MONTH/DAY/YEAR

PLANT NAME: Quail Valley Lake Subdivision WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	Sett. Solids ml/L-min	Sludge ~~Judge~~ Blanket Feet	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2	Check Oil	Oil Change	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	1550	1-3-05	JR	0.78	—	410-30	—	10.8°C	7.1	4.62	OK	—	OK	—	30436	W	OK	—	N.C.	—	~~OK~~
Tues	1045	1-4-05	JR	2.06	—	410-30	6 34 gal	10.1°C	7.0	3.67	OK	—	OK	—	22827	W	OK	—	N.C.	—	—
Wed	1205	1-5-05	JR	0.89	—	410-30	—	10.6°C	7.2	4.06	OK	—	OK	—	30436	W	OK	—	N.C.	—	—
Thurs	0945	1-6-05	JR	4.39	—	340-30	476	7.0°C	7.3	4.16	OK	—	OK	—	30436	W	OK	—	N.C.	—	—
FRI	0910	1-7-05	JR	4.09	—	310-30	—	8.4°C	7.1	4.58	OK	—	OK		22827	W	OK	—	N.C.	—	—
Mon	1520	1-10-05	JR	2.06	—	300-30	317	8.8°C	7.3	4.19	OK	—	OK	—	25316	W	OK	—	N.C.	—	—
Tues	1400	1-11-05	JR	3.13	—	310-30	476	9.1°C	7.6	4.02	OK	—	OK	—	11413	W	OK	—	N.C.	—	—
Thurs	1450	1-13-05	JR	3.40	—	300-30	—	10.4°C	7.5	4.36	OK	—	OK	—	5707	W	OK	—	N.C.	—	—
FRI	1150	1-14-05	JR	3.64	—	290-30	396	9.3°C	7.4	5.05	OK	—	OK	—	5707	W	OK	—	N.C.	—	—
Mon	0930	1-17-05	JR	4.11	—	310-30	316	7.9°C	7.2	4.32	Cleaned	—	OK	—	15218	W	OK	—	N.C.	—	—
Wed	1000	1-19-05	JR	3.86	—	?	—	8.5°C	7.3	4.45	Cleaned	—	OK	—	15218	W	OK	—	N.C.	—	—
FRI	1405	1-21-05	RB	2.11	—	280-30	—	7.1°C	6.8	7.18	OK	—	OK	—	14400	W	OK	—	N.C.	—	—
Tues	0900	1-25-05	JR	2.44	—	270-30	396	6.5°C	7.6	6.36	OK	—	OK	—	15287	W	OK	—	N.C.	—	—
Thurs	0855	1-27-05	JR	2.87	—	380-30	264	7.2°C	7.4	4.70	OK	—	OK	—	11413	W	OK	—	N.C.	—	—
FRI	0935	1-28-05	JR	2.37	—	280-30	476	8.3°C	7.5	8.52	OK	—	OK	—	11413	W	OK	—	N.C.	—	—
Mon	0915	1-31-05	JR	2.89	—	290-30	264	6.7°C	7.1	5.64	OK	—	OK	—	11413	W	OK	—	N.C.	—	—

W=Working

LIFT STATIONS:

Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Mon	1520	1-3-05	JR	3-OK SEH2 OK	—	4W	—	4W	ON	—	~~Off~~
Tues	0905	1-4-05	JR	3OK SEH2 OK	—	4W	—	4W	ON	—	~~Off~~
Wed	1135	1-5-05	JR	3W-SEH2 W	—	4W	—	4W	ON	—	~~Off~~
Thurs	0930	1-6-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
FRI	0855	1-7-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
Mon	1510	1-10-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
Tues	1350	1-11-05	JR	3W SEH2 OK	—	4W	—	4W	ON	—	~~Off~~
Thurs	1440	1-13-05	JR	3W-SEH2 OK	—	4W	—	4W	ON	—	~~Off~~
FRI	1135	1-14-05	JR	3W SEH2W	—	4W	—	4W	ON	—	~~Off~~
Mon	0900	1-17-05	JR	3W SEH2W	—	4W	—	4W	ON	—	~~Off~~
FRI		1-21-05	RB	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
Tues	0850	1-25-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
Thurs	0840	1-27-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
FRI	0920	1-28-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~
Mon	0905	1-31-05	JR	3W-SEH2W	—	4W	—	4W	ON	—	~~Off~~

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	1550	1-3-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	NO
Tues	1045	1-4-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	1205	1-5-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	0945	1-6-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
FRI	0910	1-7-05	BR	OK	OK	OK	—	1-7	OK	Little	Yes	OK	OK	Yes
MON	1520	1-10-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	1400	1-11-05	BR	Muddy	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	1450	1-13-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
FRI	1150	1-14-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
MON	1930	1-17-05	BR	OK	OK	OK	—	—	Cleaned	Little	Yes	OK	OK	Yes
Wed	1000	1-19-05	BR	OK	OK	OK	—	—	Cleaned	Little	Yes	OK	OK	Yes
FRI	1405	1-21-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	0900	1-25-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	1515	1-26-05	BR	OK	OK	OK	2½ on 1-26	—	OK	Little	Yes	OK	OK	Yes
Thurs	0930	1-27-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
FRI	0935	1-28-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
MON	0915	1-31-05	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes

went + called Aaron – sheriff came out
gasoline in plant when I pulled up 1440
fuel vent of gasoline out tightened fitting mike

run off to take overflow
gave plant a bath – skimmed grease into Sheldon

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg Ratcliff

Date: 1-31-05

MONTH/DAY/YEAR

PLANT NAME: Quail Valley Lake Subdivision WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	30min Sett. Solids uON	Sludge Judge ~~Feet~~	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2	Check Oil	Oil Change	Flow gpd	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
FRI	0855	12-3-04	SR	4.59	—	320mL	237gal	10.7°C	7.2	4.78	OK	NA	OK	—	11413	W	OK	—	N.C.	—	only one k
Mon	0950	12-6-04	SR	1.59	—	410	317	11.4°C	7.2	4.61	Cleaned		OK	—	4565	W	OK	—	N.C.	—	—
Tues	10.00	12-7-04	SR	2.13	—	420		10.9°C	7.3	5.02	OK		OK	—	22827	W	OK		N.C.	—	—
FRI	1300	12-10-04	SR	5.10	—	450mL 28mm	317	10.4°C	7.4	5.77	OK	NA	OK	—	5706	W	OK	—	N.C.	—	—
Tues	1515	12-14-04	SR	4.22	—	630mL 10mm	—	9.9°C	7.2	4.94	OK		OK	—	7609	W	OK	—	N.C.	—	—
Thurs	0910	12-16-04	SR	3.96	—	430mg/L	—	10.1°C	7.2	4.32	OK		OK	—	7609	W	OK	—	N.C.	—	—
FRI	0930	12-17-04	SR	2.79	—	470/25mm	317	8.9°C	7.0	4.46	OK		OK	—	15218	W	OK	—	N.C.	—	—
Mon	0925	12-20-04	SR	3.74	—	510/25mm	238	6.9°C	7.1	5.91	OK		OK	—	15218	W	OK	—	N.C.	—	—
Tues	1210	12-21-04	SR	2.96	—	460	634	8.3°C	7.2	4.80	OK		OK	—	11413	W	OK	—	N.C.	—	—
Wed	1205	12-22-04	SR	3.15	—	470	634	5.8°C	7.3	6.03	OK		OK	—	11413	W	OK	—	N.C.	—	—
Thurs	1450	12-23-04	SR	3.37	—	450	713	4.3°C	7.4	5.54	OK		OK	—	7609	W	OK	—	N.C.	—	—
Mon	1545	12-27-04	SR	—	—	—	—	8.3°C	7.2	5.19	OK	—	OK	—	7609	W	OK	—	N.C.	—	—
Wed	1010	12-28-04	SR	3.21	—	490	845	7.8°C	7.0	6.52	OK	—	OK	—	18262	W	OK	—	N.C.	—	—
Thurs	1520	12-30-04	SR	0.69 flow ~~portion~~		520 mL 35mm	—	10.7°C	7.0	5.64	OK	—	OK	—	2853	W	OK	—	N.C.	—	—
FRI	1135	12-31-04	SR	0.48	—	—	—	12.1°C	7.9	5.13	OK	—	OK	—	28800	W	OK	—	N.C.	—	—

W = Working

LIFT STATIONS:

Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	
FRI	0825	12-3-04	SR	3-W SE#2 W	—	4W	—	4-W	ON	—	off	W, bypass, E 2 pumps Working 3E #2 pump Working
Mon	1020	12-6-04	SR	3-W SE Not	—	4-W	—	4-W	ON	—	off	W, bypass, E Working E has leak where pipe hooks into pump base on #1 pump, SE Down
Tu	0930	12-7-04	SR	3W-SE Not		4-W	—	4-W	ON	—	off	SE tripped @ heater other 3-OK
Thurs	0840	12-9-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	SE #2 W
Tues	1500	12-14-04	SR	3W-SE#2W	—	4-W	—	4-W	ON	—	off	SE#2 W other 3 Both pumps W
Thurs	0840	12-16-04	SR	3W-SE#2W	—	4-W	—	4W	ON	—	off	SE#2 W other 3 " " W
FRI	0900	12-17-04	SR	3W-SE#2W	—	4-W	—	4W	ON	—	off	
Mon	0900	12-20-04	SR	3W-SE#2W	—	4W	—	4-W	ON	—	off	
Tues	1155	12-21-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	
Wed	1230	12-22-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	
Thurs	1335	12-23-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	
Tues	0850	12-28-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	
Thurs	1515	12-30-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	
FRI	1135	12-31-04	SR	3W-SE#2W	—	4W	—	4W	ON	—	off	

W/ Wing S.TRK

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream Lake Outflow	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
FRI	0855	12-3-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
MON	0950	12-6-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1000	12-7-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	1300	12-10-04	JR	OK	OK	OK	—	—	OK	SLIGHT	YES	OK	OK	YES
Tues	1515	12-14-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0910	12-16-04	JR	OK	OK	OK	—	12-16	OK	little	Yes	OK	OK	Yes
FRI	0930	12-17-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0925	12-20-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1210	12-21-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1205	12-22-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	1450	12-23-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	1545	12-27-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1010	12-28-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1430	12-29-04	JR	OK	OK	OK	3 on 1229	—	OK	little	Yes	OK	OK	Yes
Thurs	1570	12-30-04	JR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	1135	12-31-04	JB	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes

. Wk off to lake or effluent-leaves non eff creek S of fence to 2nd fence
non eff creek to 2nd fence

LAGOONS:												
Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg Ratcliff

Date: 12-30-04

MONTH/DAY/YEAR

Lake Valley Lake Subdivision

PLANT NAME: WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow GPD	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	1:30	11-1	RB	1.44	—	400	—	17.9	7.6	2.02	OK	—	OK	—	43,200	OK	OK	—	OK		
Tue	2:15	11-2	RB	2.18	—	300/15	—	16.3	7.7	4.97	OK	—	OK	—	28,800	OK	OK	—	OK		
Wed	11:15	11-3	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK	—	—		
Th	1:00	11-4	RB	3.61	—	200	—	16.3	7.6	5.19	OK	—	OK	—	28,800	OK	OK	—	OK		
Fri	9:00	11-5	RB	4.20	—	200	—	14.4	8.1	5.66	OK	—	OK	—	28,800	OK	OK	—	OK		
Mon	3:20	11-8	RB	5.30	—	200	—	15.9	8.1	5.71	OK	—	OK	—	21,600	OK	OK	—	OK		
Tue	7:15	11-9	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK	—	OK		
Wed	4:25	11-10	RB	2.68	—	350	—	16.0	8.2	5.59	OK	—	OK	—	11,520	OK	OK	—	OK		
Th	3:00	11-11	RB	—	—	—	—	14.0	7.6	4.07	OK	—	OK	—	86,400	OK	OK	—	OK		
Fri	2:00	11-12	RB	4.86	—	250	—	15.0	7.7	5.67	OK	—	OK	—	21,600	OK	OK	—	OK		
Mon	9:25	11-15	RB	3.53	—	250	—	13.4	8.2	5.32	OK	—	OK	—	21,600	OK	OK	—	OK		
Tue	9:30	11-16	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK	—	OK		
Wed	1:20	11-17	RB	4.15	—	250	—	17.4	8.0	5.65	OK	—	OK	—	11,520	OK	OK	—	OK		
Th	3:00	11-18	RB	3.68	—	250	—	15.9	7.9	5.00	OK	—	OK	—	21,600	OK	OK	—	OK		
Mon	9:00	11-22	RB	1.94	—	250	—	14.1	7.9	5.35	OK	—	OK	—	28,800	OK	OK	—	OK		
TUE	0820	11-23	BK+RB	.94	—	300/15	—	14.4	8.1	5.36	OK	—	OK	—	28,800	OK	OK	—	OK		
MON	1045	11-29	BK+JB	.44	—	300/30		10.4	7.4	6.71	OK	—	OK	—	11,413	OK	OK	—	OK		
TUE	1515	11-30	BK RB	4.36	—	450/15	—	12.4	8.1	5.91	OK	—	OK	—	17,280	OK	OK	—	OK		

LIFT STATIONS:

Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Mon	12:45	11-1	RB	OK	—	OK	—	OK	ON	—	All off
Tue	2:40	11-2	RB	OK	—	OK	—	OK	ON	—	All off
Wed	12:25	11-4	RB	OK	—	OK	—	OK	ON	—	All off
Fri	8:20	11-5	RB	OK	—	OK	—	OK	ON	—	1 on-3 off
Mon	3:40	11-8	RB	OK	—	OK	—	OK	ON	—	1 on-3 off
Wed	3:45	11-10	RB	OK	—	OK	—	OK	ON	—	All off
Th	2:40	11-11	RB	OK	—	OK	—	OK	ON	—	All off
Fri	1:30	11-12	RB	OK	—	OK	—	OK	ON	—	All off
Mon	8:45	11-15	RB	OK	—	OK	—	OK	ON	—	All off
Wed	12:40	11-17	RB	OK	—	OK	—	OK	ON	—	All off
Th	2:30	11-18	RB	OK	—	OK	—	OK	ON	—	All off
Mon	8:30	11-22	RB	OK	—	OK	—	OK	ON	—	2 on-2 off
TUE	8:00	11-23	BK RB	OK	—	OK	—	OK	ON	—	1 on 3 off
MON	1025	11-29-04	JB BK	OK	—	OK	—	OK	ON		OFF-ALL
TUE	1525	11-30-04	RB+BK	OK	—	OK	—	OK	ON	—	OFF-ALL

AND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

PERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	1:30	11-1	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	2:15	11-2	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	11:15	11-3	RB	OK	OK	OK	ILOAD	—	OK	Yes	Yes	OK	OK	Yes
Th	1:30	11-4	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Fri	9:00	11-5	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	3:20	11-8	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	7:15	11-9	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	4:25	11-10	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Th	3:00	11-11	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Fri	2:00	11-12	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	9:25	11-15	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	1:20	11-17	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Th	2:15	11-18	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	9:00	11-22	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
TUE	8:20	11-23	BK RB	OK	OK	OK	—	—	OK	YES	YES	OK	OK	YES
MON	10:45	11-25	BK. JB	OK	OK	OK	—	—	OK	NONE	YES	OK	OK	YES
TUE	15:25	11-30	RB BK	OK	OK	OK	—	—	OK	SLIGHT	YES	OK	OK	YES

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List parts used on or ordered for facility: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Richard Bruce

Print Name: Richard Bruce

Date: 12-1-04
MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow GPD	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	10:10	10-4	RB	1.80	—	400	—	17.8	8.0	4.30	OK	0.1	OK	—	14,400	OK	OK	—	OK		
Tue	4:35	10-5	RB	1.20	—	650/15	—	19.4	8.1	5.42	OK	Trace	OK	—	12,000	OK	OK	—	OK		
Wed		10-6	RB GR		—		—	16.2	7.0	4.22	OK	0.3	OK	—	9,000	—	—	—	—		
Fri	1:30	10-8	RB	0.40	—	—	—	19.7	8.1	4.95	OK	0.1	OK	—	14,400	OK	OK	—	OK		
Mon	1:25	10-11	RB	0.39	—	400	—	17.7	8.1	4.36	OK	0.1	OK	—	1,440	OK	OK	—	OK		
Tue	2:00	10-12	RB	1.00	—	500/15	—	17.3	7.9	3.95	OK	0.1	OK	—	21,600	OK	OK	—	OK		
Mon	2:30	10-18	RB	2.60	—	350	—	19.1	8.0	4.87	OK	0.0	OK	—	11,520	OK	OK	—	OK		
Tue	4:30	10-19	RB	1.10	—	350/15	—	16.5	8.0	4.58	OK	0.1	OK	—	17,280	OK	OK	—	OK		
Wed	2:45	10-20	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	—	OK	—	—		
Mon	10:00	10-25	RB	0.64	—	300	—	17.1	7.8	4.20	OK	0.0	OK	—	43,200	OK	OK	—	OK		
Wed	8:40	10-27	RB	0.55	—	320	—	18.3	7.9	4.35	OK	0.1	OK	—	28,800	OK	OK	—	OK		
Fri	9:55	10-29	RB	1.20	—	400/15	—	19.4	8.0	4.45	OK	0.1	OK	—	17,280	OK	OK	—	OK		

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Mon	9:20	10-4	RB	OK	—	OK	—	OK	ON	—	All Off
Tue	4:50	10-5	RB	OK	—	OK	—	OK	ON	—	All Off
Fri	1:00	10-8	RB	OK	—	OK	—	OK	ON	—	All Off
Mon	12:45	10-11	RB	OK	—	OK	—	OK	ON	—	All Off
Tue	1:35	10-12	RB	OK	—	OK	—	OK	ON	—	All Off
Mon	1:30	10-18	RB	OK	—	OK	—	OK	ON	—	All Off
Tue	4:45	10-19	RB	OK	—	OK	—	OK	ON	—	All Off
Mon	9:00	10-25	RB	OK	—	OK	—	OK	ON	—	All Off
Tue	2:30	10-26	RB	OK	—	OK	—	OK	ON	—	All Off
Fri	9:20	10-29	RB	OK	—	OK	—	OK	ON	—	All Off

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	10:10	10-4	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	4:35	10-5	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Fri	1:30	10-8	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	1:25	10-11	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	2:00	10-12	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	2:30	10-18	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	4:30	10-19	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	2:45	10-26	RB	—	—	—	1 load	—	OK	Yes	Yes	OK	OK	Yes
Mon	10:00	10-25	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	8:40	10-27	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Fri	9:55	10-29	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Richard Bruce

Print Name: Richard Bruce

Date: 11-1-04

MONTH/DAY/YEAR

PLANT NAME: Quail Valley Lake Subdivision WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
TH	4:40	9-2	RB	0.42	—	600	—	23.0	8.0	7.68	OK	0.2	OK	—	—	OK	OK	—	OK	—	—
Fri	2:35	9-3	RB	2.90	—	480	—	23.3	8.0	4.63	OK	0.2	OK	—	14,400	OK	OK	—	OK	—	—
Wed	4:40	9-1	RB	2.23	—	380	—	25.0	8.1	5.06	OK	0.1	OK	—	14,400	OK	OK	—	OK	—	—
Tue		9-7	AL	4.91	—	—	—	22.1	7.4	—	OK	0.1	OK	—	21,282	OK	OK	—	OK	—	—
Wed	11:40	9-8	RB	0.20	—	750	—	22.2	8.2	4.70	OK	0.1	OK	—	8,640	OK	OK	—	OK	—	—
Mon	2:00	9-13	RB	2.03	—	420	—	24.2	8.0	4.67	OK	0.0	OK	—	8,640	OK	OK	—	OK	—	—
Tue	10:40	9-14	RB	—	—	—	—	—	—	—	—	—	—	—	—	OK	OK	—	—	—	—
TH	3:00	9-16	RB	3.58	—	490	—	24.0	8.0	4.64	OK	0.2	OK	—	14,400	OK	OK	—	OK	—	—
Tue	8:30	9-21	RB	0.60	—	500	—	20.7	7.8	4.45	OK	0.0	OK	—	21,600	OK	OK	—	OK		
Wed	2:45	9-22	RB	4.16	—	480	—	23.5	8.1	5.13	OK	0.1	OK	—	8,640	OK	OK	—	OK		
TH	3:40	9-23	RB	3.93	—	—	—	23.7	—	6.55	OK	0.1	OK	—	—	OK	OK	—	OK		
Mon	4:45	9-27	RB	0.20	—	700	—	22.8	8.1	4.05	OK	—	OK	—	21,600	OK	OK	—	OK		
Tue	4:35	9-28	RB	1.06	—	—	—	21.5	7.9	4.78	OK	—	OK	—	8,640	OK	OK	—	OK		
Wed	4:00	9-29	RB	1.62	—	720/15	—	21.0	8.2	5.31	OK	0.1	OK	—	14,400	OK	OK	—	OK		
TH	4:05	9-30	RB	3.93	—	450	—	22.1	8.0	4.58	OK	0.2	OK	—	8,640	OK	OK	—	OK		

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
TH	4:40	9-2	RB	OK	—	OK	—	OK	ON	—	All off
Fri	2:00	9-3	RB	OK	—	OK	—	OK	ON	—	All off
		9-7	AL	OK	—	OK	—	OK	ON	—	—
Wed	10:45	9-8	RB	OK	—	OK	—	OK	ON	—	1-on 3-off
Mon	1:00	9-13	RB	OK	—	OK	—	OK	ON	—	All off
TH	2:30	9-16	RB	OK	—	OK	—	OK	ON	—	All off
Tue	7:35	9-21	RB	OK	—	OK	—	OK	ON	—	All off
Wed	2:05	9-22	RB	OK	—	OK	—	OK	ON	—	All off
TH	3:00	9-23	RB	OK	—	OK	—	OK	ON	—	All off
Mon	4:05	9-27	RB	OK	—	OK	—	OK	ON	—	1-on 3-off
Tue	4:45	9-28	RB	OK	—	OK	—	OK	ON	—	All-off
Wed	3:45	9-29	RB	OK	—	OK	—	OK	ON	—	All-off
TH	3:20	9-30	RB	OK	—	OK	—	OK	ON	—	All-off

AND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

PERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
TH	4:40	9-1	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Fri	2:35	9-2	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	11:40	9-8	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	2:00	9-13	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	10:40	9-14	RB	—	—	OK	one load	—	OK	Yes	Yes	OK	OK	Yes
TH	3:00	9-16	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	8:30	9-21	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	2:45	9-22	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
TH	3:40	9-23	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Mon	4:45	9-27	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Tue	4:35	9-28	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
Wed	4:20	9-29	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes
TH	4:05	9-30	RB	OK	OK	OK	—	—	OK	Yes	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Richard Bruce

Print Name: Richard Bruce

Date: 9-30-04

MONTH/DAY/YEAR

PLANT NAME: WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	9:20	8-2	RB	—	—	300	—	22.8	7.8	—	OK	0.0	OK	—	17280	OK	OK	—	OK	—	—
Tue	10:30	8-3	RB	—	—	320	—	—	7.4	—	OK	0.2	OK	—	7200	OK	OK	—	OK	—	—
TH	12:20	8-5	RB	—	—	—	—	—	—	—	OK	0.1	OK	—	21,600	OK	OK	—	OK	—	—
Fri	10:00	8-6	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK	—	OK	—	—
Mon	8:50	8-9	RB	1.15	—	200	—	22.1	6.9	1.06	OK	0.0	OK	—	43200	OK	OK	—	OK	—	—
TH	9:30	8-12	RB	1.20	—	250	—	21.3	7.2	3.60	OK	—	OK	—	17280	OK	OK	—	OK		
Mon	9:10	8-16	RB	0.40	—	300	—	21.2	7.4	4.57	OK	0.1	OK	—	14,400	OK	OK	—	OK		
TH	8:50	8-19	RB	0.29	—	300	—	22.4	7.4	4.39	OK	0.2	OK	—	14,400	OK	OK	—	OK		
Fri	3:10	8-20	RB	0.40	—	—	—	21.2	7.8	3.70	OK	—	OK	—	17,280	OK	OK	—	OK		
Mon	8:20	8-23	RB	0.41	—	300	—	22.1	7.7	3.91	OK	Trace	OK	—	17,280	OK	OK	—	OK		
Tue	3:05	8-24	RB	0.43	—	—	—	22.0	—	2.80	OK	—	OK	—	14,400	OK	OK	—	OK		
TH	8:30	8-26	RB	0.93	—	350	—	23.0	—	4.40	OK	0.1	OK	—	—	OK	OK	—	OK		
Mon	7:40	8-30	RB	0.29	—	300	—	21.2	7.8	3.52	OK	Trace	OK	—	28,800	OK	OK	—	OK		

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Mon	9:40	8-2	RB	OK	—	OK	—	OK	ON	—	OFF
Tue	10:50	8-3	RB	OK	—	OK	—	OK	ON	—	2-off 2-on
TH	2:35	8-5	RB	OK	—	OK	—	OK	ON	—	2-off
	9:25	8-9	RB	OK	—	OK	—	OK	ON	—	2-off
TH	9:50	8-12	RB	OK	—	OK	—	OK	ON	—	All off
Mon	9:35	8-16	RB	OK	—	OK	—	OK	ON	—	1-on 3-off
TH	9:15	8-19	RB	OK	—	OK	—	OK	ON	—	All off
Fri	1:45	8-20	RB	OK	—	OK	—	OK	ON	—	1 on -3 off
Mon	7:20	8-23	RB	OK	—	OK	—	OK	ON	—	1 on -3 off
Tue	4:40	8-24	RB	OK	—	OK	—	OK	ON	—	1 on-3 off
TH	7:45	8-26	RB	OK	—	OK	—	OK	ON	—	2 on-2 off
Mon	8:15	8-30	RB	OK	—	OK	—	OK	ON		3 on-1 off

AND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	9:00	8-2	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Tue	10:00	8-3	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
TH	9:00	8-5	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Fri	10:00	8-6	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Mon	8:30	8-9	RB	OK	milky	milky	—	—	OK	slight	Yes	OK	OK	Yes
TH	9:30	8-12	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Mon	9:00	8-16	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
TH	8:50	8-19	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Fri	8:10	8-20	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Mon	8:00	8-23	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Tue	9:05	8-24	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
TH	8:30	8-26	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
Mon	8:15	8-30	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes

LAGOONS:												
Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Richard Bruce

Print Name: Richard Bruce

Date: 8-31-04

MONTH/DAY/YEAR

PLANT NAME: Quail Valley Lake Subdivision WWTP MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
TH	10:30	7-8	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK	—	—	—	—
Fri	10:55	7-9	RB	Hauled out one load of solids					—	—	OK	—	—	—	—	—	—	—	—	—	—
Tue	8:55	7-13	RB	3.15	—	250	—	23.8	7.5	3.81	OK	0.3	OK	—	14,400	OK	OK	—		—	—
TH	9:55	7-15	RB	—	—	—	—	—	—	—	OK	—	OK	—	—	OK	OK				
Mon.	330	7-19	JB	0.33	—	—	—	27.1	8.7	3.66	OK	—	OK	—	5706	OK	OK	—	—	—	—
Tue	3:20	7-20	RB	—	—	—	—	—	—	—	OK	—	OK	—	7500	OK	OK	—	—	—	—
TH	1:20	7-22	RB	0.40	—	250	—	26.0	7.7	3.80	OK	0.3	OK	—	10,000	OK	OK	—	OK	—	—
Fri	1:10	7-23	RB	—	—	—	—	25.9	7.8	—	OK	0.2	OK	—	7,500	OK	OK	—	OK	—	—
Wed	10:00	7-28	RB	—	—	200	—	—	—	—	OK	0.0	OK	—	14,400	OK	OK	—	OK	—	—
TH	11:00	7-29	RB	—	—	380/15	—	—	—	—	OK	0.2	OK	—	17,280	OK	OK	—	OK	—	—

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
TH	9:30	7-8	RB	OK	—	OK	—	OK	ON	—	OFF
Tue	1:30	7-13	RB	OK	—	OK	—	OK	ON	—	OFF
Tue	3:40	7-20	RB	OK	—	OK	—	OK	ON	—	OFF
TH	1:40	7-22	RB	OK	—	OK	—	OK	ON	—	OFF
Fri	12:40	7-23	RB	OK	—	OK	—	OK	ON	—	OFF
Wed	10:20	7-28	RB	OK	—	OK	—	OK	ON	—	OFF
TH	10:30	7-29	RB	OK	—	OK	—	OK	ON	—	OFF

AND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

PERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
TH	10:30	7-8	RB	—	—	OK	—	—	OK	None	Yes	OK	OK	Yes
RI	10:55	7-9	RB	—	—	OK	one	—	OK	none	Yes	OK	OK	Yes
TUE	1:30	7-13	RB	OK	OK	OK	—	7-13	OK	none	Yes	OK	OK	Yes
MON.	3:30	7-19	JB	OK	OK	OK	—	—	OK	SLIGHT	YES	OK	OK	YES
TUE	3:20	7-20	RB	OK	OK	OK	—	—	OK	none	Yes	OK	OK	Yes
TH	1:20	7-22	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
FRI	1:10	7-23	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
MON	10:10	7-28	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes
TH	11:00	7-29	RB	OK	OK	OK	—	—	OK	slight	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Richard Bruce

Print Name: Richard Bruce

Date: 8-2-04

MONTH/DAY/YEAR

MO #: _____ EXPIRATION DATE: _____ SAMPLE FREQUENCY: _____

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL^2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Wed	6:20	6-2-04	AL	.55	—	500	—	21.1	7.3	3.1	ok	.2	ok	—	5706	ok	ok	—	ok	—	—
Mon	2:30	6-7-04	AL JL	.28	—	500	—	21.1	7.4	—	ok	.3	ok	—	5706	ok	ok	—	ok	—	—
Tues	4:30	6-8-04	AL JL	.68	—	—	—	20.7	7.8	6.1	ok	.4	ok	—	—	ok	ok	—	ok	—	—
Wed	1:20	6-9-04	AL JL	1.1	—	—	—	22.1	7.8	5.2	ok	.2	ok	—	3804	ok	ok	—	ok	—	—
Friday	11:30	6-10-04	AL	1.3	—	400	—	23.0	7.4	5.0	ok	.3	ok	—	5706	ok	ok	—	ok	—	—
Friday	11:30	6-11-04	AL	1.0	—	500	—	23.5	7.7	4.8	ok	.3	ok	—	3804	ok	ok	—	ok	—	—
Mon	1:00	6-14-04	AL JL	.5	—	600	—	22.1	7.7	6.4	Cleaned	.2	ok	—	3282	ok	ok	—	ok	—	—
Mon	3:00	6-21-04	AL	.56	—	500	—	21.3	7.8	6.9	Clean	.3	ok	—	5706	ok	ok	—	ok	—	—
Tues	2:00	6-29-04	AL JL	.36	—	—	—	21.3	7.9	6.8	Cleaned	—	ok	—	—	ok	ok	—	ok	—	—

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Wed	6:20	6-2-04	AL	ok	—	ok	—	ok	on	—	off
Mon	2:30	6-7-04	AL JL	ok	—	ok	—	ok	on	—	off
Tue	4:30	6-8-04	AL JL	ok	—	ok	—	ok	on	—	off
Wed	1:20	6-9-04	AL JL	ok	—	ok	—	ok	on	—	off
Thursday	11:30	6-10-04	AL JL	ok	—	ok	—	ok	on	—	off
Friday	11:30	6-11-04	AL	ok	—	ok	—	ok	on	—	off
Mon	1:00	6-14-04	AL JL	ok	—	ok	—	ok	ok	—	—
Mon	3:00	6-21	AL	ok	—	ok	—	ok	ok	—	off
Tues	2:00	6-29-04	AL JL	ok	—	ok	—	ok	ok	—	—

all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked
all 4 checked

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Wed	6:20	6-2-04	AL	ok	ok	ok	/	/	ok	none	yes	ok	ok	ok
Thur	9:30	6-3-04	AL JL	ok	ok	ok	/	/	ok	none	yes	ok	ok	ok
Tues	4:30	6-8-04	AL JL	ok	ok	ok	—	—	ok	None	yes	ok	ok	yes
Wed	4:30	6-9-04	AL JL	ok	ok	ok	—	—	ok	None	yes	ok	ok	yes
Thurs	11:30	6-10	AL JL	ok	ok	excell	/	/	ok	none	yes	ok	ok	yes
Friday	11:30	6-11	AL JL	ok	ok	excell	/	/	ok	none	yes	ok	ok	yes
Mon	1:00	6-14	AL JL	ok	ok	ok	—	—	ok	none	yes	ok	ok	yes
Tues	2:00	6-29-04	AL JL	ok	ok	ok	—	—	ok	none	yes	ok	ok	yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: _____

Print Name: _____

Date: _____
MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	30min Sett. Solids UON	Sludge ~~Judge Feet~~ wasted	Temp.	Ph	D. O. mg/L	Weir Cond.	CL2	Check Oil	Oil Change	Flow gal/day	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
M	0900	5-3-04	SR	2.6	—	320 ml	105 gal	13°C	7.3	4.6	OK	added	OK	—	2853	Working	OK	—	OK	—	—
Wed	0833	5-5-04	SR	2.1	—	330	216.5	15°C	7.0	6.1	OK	Has	OK	—	7609	Working	OK	—	OK	—	—
FRI	0840	5-6-04	SR	2.0	—	340	105	17°C	6.9	5.6	OK	added	OK	—	5706	Working	OK	—	OK	—	—
Mon	1100	5-10-04	SR	2.3	—	360	105	18°C	7.4	5.2	OK	added	OK	—	5706	Working	OK	—	OK	—	—
Thurs	0840	5-13-04	SR	1.6	—	390	317	20°C	7.0	4.4	Cleaned	added	OK	—	7609	Working	OK	—	OK	—	—
Tues	12:55	5-18-04	JR/THR	2.2	—	OK	wasted	18°C	8.2	7.39	Cleaned	added	OK	—	4516.5	working	good	—	good	—	—
Thurs	2:50	5-20-04	JR/THR	1.7	—	350		19°C	8.5	6.6	OK	added	OK	—		working	OK	—	OK	—	—

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
FRI	0810	5-7-04	SR	Working	—	Working	—	Working	ON	—	off
FRI	0800	5-7-04	SR	Not Working	—	Working	—	Not Working	ON	—	off
M	1035	5-10-04	SR	Working	—	Working	—	Working	ON	—	off
Mon	1030	5-10-04	SR	Working	—	Working	—	Working	ON	—	off
Tues	12:55	5-18-04	JR/THR	working	—	working	—	working	on	—	off

pump off

bypass, SE, W
pump not running but float calling for it to be on, AL, SR, & electricians were here off on all day
everything working
bypass, E & SE only have 1 working pump by pool? E pump on main SE control panel will not run one pump reliably

5-18-04 = Leak LS #1 & MH on gravity main / schedule to fix ASAP!

5-18-04 = LS #4 not operating.

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	0900	5-3-04	BR	OK	OK	OK	—	—		Little	Yes	OK	OK	Yes
Wed	0835	5-5-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
FRI	0840	5-6-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	Need Spray	Yes
Thurs		5-6-04	AL	—	—	—		5-6	—	—	—	—	—	—
Mon	1100	5-10-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	Need Spray	Yes
Thurs	0840	5-13-04	BR	OK	OK	OK	—		OK	Little	Yes	OK	Need Work	Yes
Tues	1:30	5-18-04	JF	good	good	good	—	—	OK	None	yes	OK	Weed eated	yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg Ratcliff

Date: 6-30-04
MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	30 min Sett. Solids UON	Sludge ~~Judge~~ ~~Feet~~ wasted	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Tues	0840	4-6-04	SR	3.4	—	210 mL	20 min	12°C	7.0	4.1	OK	added	OK	—	—	Adjusted	OK	—	OK	—	—
Mon	0750	4-12-04	SR	3.0	—	240	20 min	13°C	7.1	4.6	OK	added	OK	—	1000 mL/5 sec	Works	OK	—	OK	—	—
Wed	1335	4-14-04	SR	—		—	—	13°C	7.1	4.2	OK	—	—	—	1000 mL/5 sec	—		—	—	—	—
Mon	0815	4-19-04	SR	3.1	—	250	15 min	15°C	7.0	4.8	OK	added	OK	—	1000 mL/5 sec	Works	OK	—	OK	—	—
Wed	0825	4-21-04	SR	2.8	—	350	320 gal	15°C	6.7	4.2	OK	added	OK	—	1000 mL/5 sec	Works	OK	—	OK	—	—
Thurs	1145	4-22-04	SR	3.0	—	340	310 gal	16°C	6.9	4.4	OK	—	OK	—	1000 mL/5 sec	Working	OK	—	OK	—	—
Mon	0820	4-26-04	SR	2.6	—	300	210 gal	14°C	7.0	4.1	OK	added	OK	—	1000 mL/5 sec	Works	OK	—	OK	—	—
Tues	0905	4-27-04	SR	2.9	—	320	210 gal	15°C	7.3	5.0	OK	—	OK	—	1000 mL/5 sec	Works	OK	—	OK	—	—
Thurs	0850	4-29-04	SR	2.6	—	290	210 gal	16°C	7.5	6.2	OK	added	OK	—	1000 mL/5 sec	Working	OK	—	OK	—	—

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Tues	0815	4-6-04	SR	Working	—	Working	—	Working	ON	—	Off
Tues	1135	4-14-04	SR	Working	—	Working	—	Working	OK	—	Off
Wed	0850	4-21-04	SR	Working	—	Working	—	Working	OK	—	Off
Tues	0830	4-27-04	SR	Working	—	Working	—	Work	OK	—	Off

bypool, W, SE, E has only one pump + float

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Tues	0840	4-6-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	0810	4-7-04	BR	OK	OK	OK	1 on 4-7	4-7-04	OK	Little	Yes	OK	OK	Yes
Thurs	1045	4-8-04	BR	OK	OK	OK	2 out 4-8	—	OK	Little	Yes	OK	OK	Yes
Mon	0750	4-12-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	1045	4-13-04	BR	OK	OK	OK	4 on 4-13	—	OK	Little	Yes	OK	OK	Yes
Wed	1135	4-14-04	BR	OK	OK	OK	—	4-14-04	OK	Little	Yes	OK	OK	Yes
Mon	0815	4-19-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	0825	4-21-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	1145	4-22-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Mon	0820	4-26-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	0905	4-27-04	BR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	0850	4-29-04	BR	OK	OK	OK	—	Rec'd 4-29	OK	Little	Yes	OK	OK	Yes

2 in from Lakewood for seed

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

Lis y parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg Ratcliff

Date: 5-03-04

MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: MO-0114081 EXPIRATION DATE: 12/16/2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O. mg/L	MLSS	30 min Sett. Solids u O N	~~Sludge Judge Feet~~ wasted	Temp.	Ph	D. O.	Weir Cond.	CL2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	0800	2-2-04	SR	2.6	—	320 mL/L	25 min	7°C	7.0	5.7	OK	—	OK	—	—	Working	OK	—	OK	—	—
Tues	1645	2-3-04	SR	2.9	—	300 mL	—	6°C	3	6.3	OK	—	OK	—	100 Cu Gal	Working	OK	—	OK	—	—
Wed	1645	2-4-04	SR	2.4	—	290 mL/L	—	6°C	—	6.2	OK	—	Changed for one	—	—	Working	OK	—	OK	—	—
Thurs	0835	2-5-04	SR	2.6	—	300 mL/L	30 min	6°C	—	5.9	OK	—	OK	—	—	Working	OK	—	OK	—	—
FRI	1645	2-6-04	SR	2.9	—	320 mL/L	15 min	6°C	—	6.4	OK	—	OK	—	—	Working	OK	—	OK	—	—
Mon	0745	2-9-04	SR	3.2	—	330 mL/L	20 min	8°C	—	6.6	OK	—	OK	—	—	Working	OK	—	OK	—	—
Tues	0740	2-10-04	SR	3.0	—	310 mL/L	30 min	8°C	—	6.7	OK	—	OK	—	—	Working	OK	—	OK	—	—
Wed	1600	2-11-04	SR	2.6	—	240 mL/L	30 min	8°C	—	7.4	OK	—	OK	—	—	Working	OK	—	OK	—	—
Thurs	0805	2-12-04	SR	2.8	—	210 mL/L	—	7°C	—	6.8	OK	—	OK	—	—	Working	OK	—	OK	—	—
FRI	1545	2-13-04	SR	2.7	—	380 mL/L	15 min	6°C		6.7	Cleaned	—	OK	—	—	Working	OK	—	OK	—	—
Mon	1640	2-16-04	SR	1.7	—	310 mL/L	25 min	6°C	7.2	6.1	OK	—	OK	—	—	Working	OK	—	OK	—	—
Wed	1125	2-18-04	SR	2.1	—	350 mL/L	15 min	7°C	7.2	6.3	OK	—	OK	—	—	Working	OK	—	OK	—	—
Thurs	0745	2-19-04	SR	2.0	—	370 mL/L	10 min	8°C	7.2	6.1	OK	—	OK	—	—	Working	OK	—	OK	—	—
FRI	0830	2-20-04	SR	2.2	—	300 mL/L	—	9°C	7.2	5.8	OK	—	OK	—	—	Working	OK	—	OK	—	—
Mon	0750	2-23-04	SR	2.1	—	310 mL/L	10 min	9°C	7.2	5.5	OK	—	OK	—	—	Working	OK	—	OK	—	—
Tues	0915	2-24-04	SR	2.3	—	320 mL/L	10 min	10°C	7.2	5.2	OK	—	OK	—	—	Working	OK	—	OK	—	—
Wed	1520	2-25-04	SR	2.4		330 mL/L	10 min	10°C	7.2	5.0	OK	—	OK	—	—	Working	OK	—	OK	—	—
FRI	0910	2-27-04	SR	2.0	—	330 mL/L	10 min	10°C	7.2	4.7	OK	—	OK	—	—	Working	OK	—	OK	—	—

LIFT STATIONS:

Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	
Tues	1600	2-3-04	SR	Working	—	Working	—	Working	ON	—	off	SE W, by pool
Tues	1550	2-3-04	SR	Working	—	Working	—	NA	ON	—	off	E has only one pump + floats
Wed	1550	2-11-04	SR	Working		Working	—	Working	ON		off	E, W, by pool E has no alarm
Wed	1550	2-11-04	SR	Working	—	Working	—	Working	TRIPPED		off	SE
Thurs	0700	2-19-04	SR	Working	—	Working	—	Working	ON		off	W, by pool, E has no alarm
Thurs	0710	2-19-04	SR	Working	—	Working	—	Working	TRIPPED		off	SE
Wed	1500	2-25-04	SR	Working	—	Working	—	Working	ON		off	W by pool, E has no alarm
Wed	1630	2-25-04	SR	Working	—	Working	—	Working	TRIPPED	2-25-04	ON	SE

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	0800	2-2-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	1645	2-3-04	BR	OK	OK	OK	—	2-3-04	OK	little	Yes	OK	OK	Yes
Wed	1645	2-4-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0835	2-5-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	1645	2-6-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0745	2-9-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	0740	2-10-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1600	2-11-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0805	2-12-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	1545	2-13-04	BR	OK	OK	OK	—	2-13-04	OK	little	Yes	OK	OK	Yes
Mon	1640	2-16-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1125	2-18-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Thurs	0745	2-19-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	0835	2-20-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Mon	0750	2-23-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Tues	0915	2-24-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
Wed	1520	2-25-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes
FRI	0910	2-27-04	BR	OK	OK	OK	—	—	OK	little	Yes	OK	OK	Yes

Got for blower going again
Aaron checked amp draw - OK

Quail Valley LAKE

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: 2-25-04 Replace 10 amp Square D Breaker at SE Lift Station
Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

Li.)y parts used on or ordered for facility: 15 amp Square D circuit breaker 2-25-04
Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 2-27-04
MONTH/DAY/YEAR

[illegible] NPDES #: [illegible] EXPIRATION DATE: 12-16-04 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of	Time	Date	Oper. Initials	D. O.	MLSS	30min Sett. Solids UON	30min Sludge Judge Feet UON	Temp.	Ph	D. O.	Weir Cond.	CL^2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Fri	1115	1-2-04	SR	3.6	—	200mL/L	15min	11°C		3.2	OK	NA	OK	—		Working	OK	—	OK	—	—
Mon	0745	1-5-04	SR	3.8	—	210mL/L	20min	10°C		3.4	OK		OK	—		Working	OK	—	OK		—
Wed	0755	1-7-04	SR	4.4	—	210mL/L	15min	8°C		7.0	OK		OK	—	1000mL/day	Working	OK	—	OK	—	—
Thurs	0725	1-8-04	SR	4.3	—	220mL/L	20min	8°C		6.6	OK		OK	—		Working	OK	—	OK	—	—
Fri	0825	1-9-04	SR	4.2	—	210mL/L	20min	8°C		6.2	OK		OK	—		Working	OK	—	OK	—	—
Mon	0735	1-12-04	SR	3.8	—	220mL/L	15min	9°C		5.6	OK		OK	—		Working	OK	—	OK	—	—
Thurs	0900	1-15-04	SR	3.7	—	230mL/L	15min	9°C		5.2	OK		OK	—		Working	OK	—	OK	—	—
Fri	1545	1-16-04	SR	3.7	—	210mL/L	10min	9°C		5.3	OK		OK	—		Working	OK	—	OK	—	—
Mon	1645	1-19-04	SR	2.2	—	208mL/L	10min	7°C	7.0	5.6	OK		OK	—		Working	OK	—	OK	—	—
Wed	1130	1-21-04	SR	2.6		290mL/L	25min	7°C	7.2	5.8	OK		OK	—		Working	OK	—	OK	—	—
Thurs	0720	1-22-04	SR	2.8		310mL/L	10min	7°C	7.2	5.6	OK		OK	—		Working	OK	—	OK	—	—
Tues	0755	1-27-04	SR	2.5	—	340mL/L	20min	5°C	—	5.7	OK		OK	—		Working	OK	—	OK	—	—
Wed	0740	1-28-04	SR	2.6	—	310mL/L	—	6°C	7.1	5.7	OK		OK	—		Working	OK	—	OK	—	—
Thurs	0755	1-29-04	SR	2.7	—	300mL/L	10min	6°C	—	5.5	OK		OK	—		Working	OK	—	OK	—	—

LIFT STATIONS:												
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	
Mon	0710	1-5-04	SR	Working	—	Working	—	Working	ON	—	ON	
	0720	1-5-04	SR	Working	—	Working	—	Working	OFF	—	OFF	Main Breaker tripped
Wed	0725	1-7-04	SR	Working	—	Working	—	Working	ON	—	ON	bypool - W - E East has only one float & pumps
Wed	0715	1-7-04	SR	Working	—	Working	—	Working	OFF	—	OFF	SE
Wed	1605	1-14-04	SR	Working	—	Working	—	Working	ON	—	Off	bypool, E, SE, W. E has only one float & pump
Thurs	0745	1-22-04	SR	Working	—	Working	—	Working	ON	—	Off	bypool SE W, E has only one pump & float working
Wed	0806	1-28-04	SR	Working	—	Working	—	Working	ON		Off	bypool E W
Wed	0810	1-28-04	SR	Working	—	Working	—	Working	Off	—	Off	Main breaker tripped SE

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Fri	1115	1-2-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Mon	0745	1-5-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	0755	1-7-04	JR	OK	OK	OK	—	1-7-04	OK	Little	Yes	OK	OK	Yes
Thurs	0725	1-8-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Fri	0825	1-9-04	JR	OK	OK	OK	—	1-9-04	OK	Little	Yes	OK	OK	Yes
Mon	0735	1-12-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	1645	1-13-04	JR	OK	OK	OK		1-13-04	OK	Little	Yes	OK	OK	Yes
Thurs	0900	1-15-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Fri	1545	1-16-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Mon	1645	1-19-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	1130	1-21-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	0750	1-22-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Tues	0755	1-27-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Wed	0740	1-28-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes
Thurs	0755	1-29-04	JR	OK	OK	OK	—	—	OK	Little	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

Li /visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 1-30-04

MONTH/DAY/YEAR

LAGOONS:												
Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: New 12-17 elec motor for E Blower weg

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 1-2-04

MONTH/DAY/YEAR

PLANT NAME: Quail Valley Lakewood PWO #: 0114081 EXPIRATION DATE: 12-16-2004 SAMPLE FREQUENCY: Monthly

MIXED LIQUOR:								EFFLUENT:								BLOWERS:					
Day of	Time	Date	Oper. Initials	D. O.	MLSS	30 min Sett. Solids UON	~~Sludge Judge Feet~~ Wasted	Temp.	Ph	D. O.	Weir Cond.	CL^2	Check Oil	Oil Change	Flow	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
Mon	1630	11-3-03	BR	5.8	—	260 mL/L	30 min	17°C	—	6.4	Clearned	—	OK	—		Working	OK	—	OK	—	—
Fri	1540	11-7-03	BR	5.0	—	—	—	17°C	—	6.2	OK	—	OK	—		Working	OK	—	OK	—	—
Mon	0745	11-10-03	BR	2.4	—	300 mL/L	25 min	16°C		4.2	OK	—	OK	—		Working	OK	—	OK	—	—
Wed	1635	11-12-03	BR	2.2	—	380 mL/L	25 min	16°C	—	4.0	OK	—	OK	—		Working	OK	—	OK	—	—
Thurs	1345	11-13-03	BR	2.2	—	200 mL/L	20 min	16°C	—	4.0	Clearned	—	OK	—		Working	OK	—	OK	—	—
Tues	1615	11-18-03	BR	2.2	—	330 mL/L	25 min	16°C		4.2	OK	—	OK	—	—	Working	OK	—	OK	—	—
Fri	0840	11-21-03	BR	2.6	—	180 mL/L	30 min	15°C		4.4	OK	—	OK	—	—	Working	OK	—	OK	—	—
Mon	0730	11-24-03	BR	1.4	—	200 mL/L	25 min	13°C		3.6	OK	—	OK	—		Working	OK	—	OK	—	—

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
Fri	1545	11-7-03	BR	Working	—	Working	—	Working	OFF TRIPPED	—	OFF
M	0700	11-10-03	BR	Working	—	Working	—	Working	ON	—	OFF

drilled drain hole in SE ~~Box~~ Control box SE

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
Mon	1630	11-3-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Fri	1540	11-7-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Mon	0745	11-10-03	[illegible]	OK	OK	OK	—		OK	Settle	Yes	OK	OK	Yes
Wed	1635	11-12-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Thurs	1345	11-13-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Tues	1615	11-18-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Fri	0840	11-21-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes
Mon	0730	11-24-03	[illegible]	OK	OK	OK	—	—	OK	Settle	Yes	OK	OK	Yes

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 12-1-03

MONTH/DAY/YEAR

Quail Valley Lake WW 17

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: took ele motor off fan blower to Moeb (Bad bearings?) 10-24-03

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: fuse in control panel (10-15-03 AL)

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Greg Ratcliff

Print Name: Greg RATCLIFF

Date: 10-31-03

MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: 0114081 EXPIRATION DATE: 12/16/04 SAMPLE FREQUENCY: monthly

MIXED LIQUOR:								EFFLUENT:							BLOWERS:					
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	CL^2	Check Oil	Oil Change	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor
[illegible]	3.00	9-3	BS					23.8	7.4	4.68			✓		✓	good		good		yes
mon	7.30	9-8	BS					23.5	7.5	4.98			✓		✓	✓		✓		✓
Thur	7.40	9-11	BS					22.9	7.3	5.01			✓		✓	✓		✓		✓
wed	8.00	9-17	BS					22.7	7.4	5.54			✓		✓	✓		✓		✓
Thur	7.30	9-18	BS					22.8	7.3	5.43			✓		✓	✓		✓		✓
Mon	8300	9-22	BS					23.1	7.4	5.55			✓		✓	✓		✓		✓
Fri	8:00	9-26	BS					22.7	7.3	5.09			✓		✓	✓		✓		✓
Mon	8.30	9-29	BS					22.4	7.3	5.18			✓		✓	✓		✓		✓

LIFT STATIONS:											
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off
wed	3:00	3	BS	✓		✓		✓	on		off.
mon	7.30	8	BS	✓		✓		✓	✓		on
Th	7.40	11	BS	✓		✓		✓	✓		✓
wi	8:00	17	BS	✓		✓		✓	✓		✓
Thur	7:30	18	BS	✓		✓		✓	✓		off
Mon	830	22	BS	✓		✓		✓	✓		on
Fri	8:00	26	BS	✓		✓		✓	✓		✓
Mon	830	29	BS	✓		✓		✓	✓		✓

SAND FILTER:

Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Sludge Hauled Loads & Date	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Facility Secure? Yes/No
wed	3.00	3	BS	✓	✓	✓			✓	NA	✓	good		yes
Mon	7.30	8	BS	✓	✓	✓			✓	✓	✓	✓		✓
Thur	7.40	11	BS	✓	✓	✓			✓	✓	✓	✓		✓
wed	8.00	17	BS	✓	✓	✓			✓	✓	✓	✓		—
Thur	9.30	18	BS	✓	✓	✓			✓	✓	✓	✓		✓
Mon	8.30	22	BS	✓	✓	✓			✓	✓	✓	✓		✓
Fri	8.00	26	BS	✓	✓	✓			✓	✓	✓	✓		✓
Mon	8.30	29	BS	✓	✓	✓			✓	✓	✓	✓		✓

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Date Copper Sulfated	Date Diquat Used

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

Operator Signature: Brad Stockman

Print Name: Brad Stockman

Date: 9-03

MONTH/DAY/YEAR

PLANT NAME: Quail Valley MO #: 0114081 EXPIRATION DATE: 12/16/04 SAMPLE FREQUENCY: monthly

MIXED LIQUOR:								EFFLUENT:							BLOWERS:								
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	TSS	BOD	Cl^2 Added? Yes/No	CL^2	Check Oil	Oil Change	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor	Facility Secure? Yes/No
Mon	6:25	4	BS				23.1	8.1	4.89						✓		✓	✓		✓		✓	yes
Th	6:00	7	BS				23.6	7.9	4.69						✓		✓	✓		✓		✓	
Mon	6:30	11	BS				24.1	8.0	4.99						✓		✓	✓		✓		✓	
Wed	6:00	13	BS				23.9	7.6	4.55						✓		✓	✓		✓		✓	
Mon	7:30	18	BS				24.8	7.7	4.85						✓		✓	✓		✓		✓	
Thur	7:40	21	BS				25.5	7.9	4.30						✓		✓	✓		✓		✓	
Mon	2:00	25	BS				25.8	7.8	4.28						✓		✓	✓		✓		✓	
Wed	1:00	27	BS				25.4	7.7	4.41						✓		✓	✓		✓		✓	

LIFT STATIONS:												
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Facility Secure? Yes/No
Mon	6:25	4	BS	✓		✓		✓	on		off	yes
Thur	6:00	7	BS	✓		✓		✓				
Mon	6:30	11	BS	✓		✓		✓				
Wed	6:00	13	BS	✓		✓		✓				
Mon	7:30	18	BS	✓		✓		✓				
Thur	7:40	21	BS	✓		✓		✓				
Mon	2:00	25	BS	✓		✓		✓				
Wed	1:00	27	BS	✓		✓		✓				

OPERATOR SIGNATURE: Brad Stockman

PRINT NAME: Brad Stockman

DATE: Aug 03
MONTH/DAY/YEAR

SA... ILTER:																		
Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.	Facility Secure? Yes/No

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Outfall Cond. Compliant? Yes/No	Sludge Hauled Loads	Date Hauled	Samples Taken? Yes/No	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Plant Secure? Yes/No	Facility Secure? Yes/No
Mon	1625	4	BS	✓	✓	✓	yes			Monthly		✓	no	✓	✓	✓	yes	yes
Thur	1600	7	BS	✓	✓	✓						✓		✓	✓	✓		
Mon	1630	11	BS	✓	✓	✓						✓		✓	✓	✓		
Wed	1600	13	BS	✓	✓	✓						✓		✓	✓	✓		
Mon	730	18	BS	✓	✓	✓						✓		✓	✓	✓		
Thur	740	21	BS	✓	✓	✓						✓		✓	✓	✓		
Mon	200	25	BS	✓	✓	✓						✓		✓	✓	✓		
Wed	122	27	BS	✓	✓	✓						✓		✓	✓	✓		

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	Rodent Damage? Yes/No	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Mowing Cond.	Date Copper Sulfated	Date Diquat Used	Fence Cond.	Facility Secure? Yes/No

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

PLANT NAME: Quail Valley MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:							BLOWERS:								
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	TSS	BOD	Cl^2 Added? Yes/No	CL^2	Check Oil	Oil Change	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor	Facility Secure? Yes/No
T	8:00	1	BS				23.0	7.4	4.80														
T	8:10	3					23.5	7.5	4.76														
Tue	8:00	8					23.1	7.5	4.79														
Fri	7:48	11					23.8	7.7	4.85														
Mon	8:00	14					24.4	7.5	4.55														
Thur	11:00	17					24.9	7.5	4.64														
Wed	8:44	23					23.0	8.0	5.51														
Fri	8:00	25					22.8	8.2	5.69														
Mon	600	28					23.1	8.0	5.49														
Wed	6:10	30					23.8	7.8	5.40														

LIFT STATIONS:												
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Facility Secure? Yes/No
Tue	800	1	BS	✓		✓		✓	on		on	yes
Thur	810	3										
Tue	800	8										
Fri	845	11										
Mon	800	14										
Thur	1100	17										
Wed	845	23										
Fri	800	25										
Mon	600	28										
Wed	610	30										

OPERATOR SIGNATURE: Brad Stockman

PRINT NAME: Brad Stockman

DATE: July 03
MONTH/DAY/YEAR

SA. FILTER:																		
Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.	Facility Secure? Yes/No

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Outfall Cond. Compliant? Yes/No	Sludge Hauled Loads	Date Hauled	Samples Taken? Yes/No	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Plant Secure? Yes/No	Facility Secure? Yes/No
Tue	8:00	1	BS	✓	✓	✓	yes					✓	✓	✓	✓	✓	yes	yes
Thur	8:10	3																
Tue	8:00	8																
Fri	8:45	11																
Mon	8:00	14																
Thur	11:00	17																
Wed	8:40	23																
Fri	8:00	25																
Mon	6:00	28																
Wed	6:10	30																

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	Rodent Damage? Yes/No	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Mowing Cond.	Date Copper Sulfated	Date Diquat Used	Fence Cond.	Facility Secure? Yes/No

List model #, brand name and size of any items removed or replaced at facility: _____

Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____

Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____

PLANT NAME: Quail Valley MO #: EXPIRATION DATE: SAMPLE FREQUENCY:

MIXED LIQUOR:								EFFLUENT:							BLOWERS:								
Day of Week	Time	Date	Oper. Initials	D. O.	MLSS	Sett. Solids	Sludge Judge Feet	Temp.	Ph	D. O.	Weir Cond.	TSS	BOD	CL^2	Check Oil	Oil Change	Check Timers	Belt Cond.	Belt Change	Air Filter Cond.	Air Filter Change	Lube Electric Motor	Facility Secure? Yes/No
W	9:10	6-04	BS					17.4	7.5	3.46					✓		✓	✓		✓		✓	yes
Mon	10:00	23						20.7	7.6	5.46													
Thu	8:00	26						21.3	7.5	3.99													

LIFT STATIONS:												
Day of Week	Time	Date	Oper. Initials	Check Pumps	Change Pumps	Check Floats	Change Floats (Date)	Check Alarm	Breaker On/Off	Breaker Change	Lift Station On/ Off	Facility Secure? Yes/No
	O.K.											

OPERATOR SIGNATURE: Brad Stockman

PRINT NAME: Brad Stockman

DATE: June 03
MONTH/DAY/YEAR

SAND FILTER:																		
Day of Week	Time	Date	Oper. Initials	Rake Media	Flush Distrib. Lines	Ponding? Yes/No	Drain Lines Flushed	Ratcheting Valve Cond.	Bio-Tube Filter Clean? (Date)	Septic Tank Cond.	Date Septic Tank Hauled	Pump Cond.	Pump Repair Date	Pump Replace Date	Float Cond.	Timers Cond.	Sprayer Head Cond.	Facility Secure? Yes/No

OPERATIONS:

Day of Week	Time	Date	Oper. Initials	Outfall Cond. Up Stream	Outfall Cond. Down Stream	Outfall Cond. at Plant	Outfall Cond. Compliant? Yes/No	Sludge Hauled Loads	Date Hauled	Samples Taken? Yes/No	Date Samples Taken	Bar Screen Cond.	Plant Odor?	Trash Disposed of?	Fence/ Gate Cond.	Mowing Cond.	Plant Secure? Yes/No	Facility Secure? Yes/No
		6 4	BS	✓	✓	✓	yes	—	—	—	—	✓	✓	✓	✓	✓	yes	yes
		22		↑	↑	↑	↑											
		26									↑	↑	↑	↑	↑	↑	↑	↑

LAGOONS:

Day of Week	Time	Date	Oper. Initials	Duck-weed Cond.	Algae Cond.	Berm Cond.	Rodent Damage? Yes/No	D. O. 1st Cell	D. O. 2nd Cell	D. O. 3rd Cell	Aerator Working?	Mowing Cond.	Date Copper Sulfated	Date Diquat Used	Fence Cond.	Facility Secure? Yes/No

List model #, brand name and size of any items removed or replaced at facility: _____
Date item was removed or replaced: _____

List any suggested Capital Improvements you feel are needed: _____

List any parts used on or ordered for facility: _____
Date: _____

List DNR visits/inspections (Date, DNR personnel, Company employee): _____

List MoPSC visits/inspections (Date, MoPSC personnel, Company employee): _____

Other: _____