

August 25, 2003

NOTICE OF VIOLATION # 7572 SW

Greg and Debra Williams
Osage Water Company
P. O. Box 650
Sunrise Beach, MO 65079

Dear Mr. and Mrs. Williams:

Enclosed you will find a Report of Inspection for the wastewater treatment facility serving Cimarron Bay and Harbor Bay. Violations of the Missouri Clean Water Law are documented in the report. Notice of Violation (NOV) # 7572 SW is being issued to formally notify you of these violations and persuade you to take prompt corrective action.

If you should have any questions concerning the report or if we can be of any assistance, please contact Scott Robinett at 573-348-2442. Written correspondence should be addressed to the Missouri Department of Natural Resources, Southwest Regional Office, 2040 West Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Cynthia S. Davies, Chief
Water Section

CSD/srs

Enclosures

c: Mr. Kevin Mohammadi, Water Pollution Control Program
Ms. Deborah Neff, Missouri Attorney General's Office
Mr. Dale Johansen, Public Service Commission

CAMDEN/WPCP
CIMARRON BAY/HARBOR BAY
MO0116921

Schedule 1-1

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT ON INSPECTION
WASTEWATER TREATMENT FACILITY
SERVING
CIMARRON BAY AND HARBOR BAY
MO0116921

August 25, 2003

INTRODUCTION

On July 17, 2003, Scott Robinett of the Missouri Department of Natural Resources conducted a routine inspection of the wastewater treatment facility serving Cimarron Bay and Harbor Bay. The purpose of the inspection was to assess compliance with the Missouri Clean Water Law, Missouri Clean Water Commission (MCWC) regulations and the facility's Missouri State Operating Permit (MSOP). The inspection also served to promote proper operation and to provide technical assistance where necessary.

COMPLIANCE

As part of the inspection, a review of the facility's Discharge Monitoring Reports (DMR/s) was conducted. The following table represents the effluent limit exceedences that occurred during the past twenty-four months:

REPORT PERIOD	PARAMETER	OUTFALL	PERMIT LIMIT	REPORTED VALUE
April 2003	TRC	001	1.0 mg/L	>2 mg/L
Oct 2002	TRC	001	1.0 mg/L	1.9 mg/L
July 2002	TRC	001	1.0 mg/L	2 mg/L
July 2002	Fecal coliform	001	400 colonies/ 100 mL	1200 colonies/ 100 mL
April 2002	TRC	001	1.0 mg/L	2.15 mg/L
Oct 2001	TRC	001	1.0 mg/L	>2 mg/L
August 2001	TRC	001	1.0 mg/L	>2 mg/L
July 2001	Fecal coliform	001	400 colonies/ 100 mL	>400 colonies/ 100 mL

Tributary sewers from Harbor Bay Condominiums and homes along Northwest Cimarron Road to the facility are in service even though a required expansion of the treatment plant is incomplete. The permit authorizing the required expansion expired May 4, 2002. See items 1-3 below for further explanation.

A sample of the treatment facility effluent was collected during the inspection and later analyzed by the department's laboratory in Jefferson City. The sample results were within the permitted effluent limitations for Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS or non-filterable residue), and Fecal Coliform. A copy of the laboratory report for the sample is enclosed.

Schedule 1-2

Annual operating fees and penalties totaling \$270.00 are past due. Please remit a check for the fees and penalties payable to the Missouri Department of Natural Resources, P.O. Box 176, Jefferson City, MO 65102. Please indicate the facility name and permit number with or on the check.

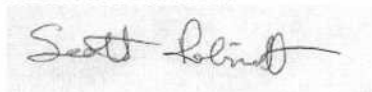
OBSERVATIONS AND RECOMMENDATIONS

1. Buildings A, B, and C of Harbor Bay Condominiums are connected to the tributary sewer system. Connection of these buildings is in violation of the condition of construction permit #26-3269 issued by the department that prohibits connection prior to expansion of the wastewater treatment plant to accommodate the additional loading (see also item #3). This sewer line has not been authorized by the department to be put into use. Building D is under construction.
2. Construction permit #26-3357 also contains a condition similar to that of #26-3269. Homes along Northwest Cimarron Road are apparently connected to the sewer authorized by construction permit #26-3357. This sewer line has not been authorized by the department to be put into use.
3. The wastewater treatment plant expansion approved by construction permit #26-3263 is not complete. The recirculation and drain lines are not connected to either the recirculation tank or the filter bed piping or both. The "new" recirculation tank does not contain pumps, piping, or electrical service. The tank does contain wastewater; the department believes that the "old" recirculation tank and the "new" recirculation tank are hydraulically connected via sub-surface piping. Construction permit #26-3263 expired on May 4, 2002. Construction without a valid construction permit is a violation of the Missouri Clean Water Law.
4. The "old" portion of the treatment plant appeared to be operating properly.

CONCLUSION

The facility is considered to be in noncompliance for exceeding permitted effluent limitations, using sewer extensions in violation of permit conditions, failing to certify completion of construction, failing to apply for letter of authorization to use sewers, constructing or modifying a wastewater treatment plant without a valid permit, and failure to pay annual operating fees. The enclosed Notice of Violation (NOV) # 7572 SW is being issued to formally notify you of these violations and persuade you to take prompt corrective action.

REPORTED BY:



Scott Robinett
Environmental Specialist
Lake of the Ozarks Satellite Office

APPROVED BY:

Kevin Hess, Chief
Water Pollution Unit
Southwest Regional Office

Schedule 1-3

August 25, 2003

NOTICE OF VIOLATION # 7571 SW

Gregory and Deborah Williams
Osage Water Company
P. O. Box 650
Sunrise Beach, MO 65079

Dear Mr. and Mrs. Williams:

Enclosed you will find a Report on Inspection for the wastewater treatment facility serving Chelsea Rose Subdivision. The report documents violations of the Missouri Clean Water Law. The enclosed Notice of Violation # 7571SW is being issued to formally notify you of the violations and to persuade you to take prompt corrective action.

If you should have any questions concerning the report or if we can be of any assistance, please contact Scott Robinett at 573-348-2442. Written correspondence should be addressed to the Missouri Department of Natural Resources, Southwest Regional Office, 2040 West Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Cynthia S. Davies, Chief
Water Section

CSD/srs

Enclosures

c: Mr. Kevin Mohammadi, Water Pollution Control Program
Ms. Deborah Neff, Missouri Attorney General's Office
Mr. Dale Johansen, Public Service Commission

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT ON INSPECTION
WASTEWATER TREATMENT FACILITY
SERVING
CHELSEA ROSE SUBDIVISION
MO0111104

August 25, 2003

INTRODUCTION

On July 24, 2003, Scott Robinett of the Missouri Department of Natural Resources conducted a routine inspection of the wastewater treatment facility serving Chelsea Rose Subdivision. The purpose of the inspection was to assess compliance with the Missouri Clean Water Law, Missouri Clean Water Commission (MCWC) regulations and the facility's Missouri State Operating Permit (MSOP).

COMPLIANCE

The facility's MSOP, MO0111104, expired on February 26, 2003. The department received an application for renewal of the permit on June 19, 2003. Clean Water Commission regulations at 10 CSR 20-6.010(5)(C) requires that an application for renewal be submitted within 180 days prior to expiration of the permit.

The MSOP requires that monthly Discharge Monitoring Reports (DMR's) be submitted by the 28th of the month following the reporting period. No DMRs were received for the following report periods: March and May 2003.

As part of the inspection, a review of the facility's Discharge Monitoring Reports (DMR's) was conducted. The following table represents the effluent limit exceedences that occurred during the past twelve months:

REPORT PERIOD	PARAMETER	OUTFALL	PERMIT LIMIT	REPORTED VALUE
June 2002	TRC	001	1.0 mg/L	>2.0 mg/L
July 2002	TRC	001	1.0 mg/L	>2.0 mg/L
Aug 2002	TRC	001	1.0 mg/L	>2.0 mg/L
Sept 2002	TRC	001	1.0 mg/L	>2.0 mg/L
April 2003	TRC	001	1.0 mg/L	>2.0 mg/L

A sample of the treatment facility effluent was collected during the inspection and later analyzed by the department's laboratory in Jefferson City. The sample exceeded the permitted effluent limitations for Biochemical Oxygen Demand (BOD), and Total Suspended Solids (TSS or non-filterable residue). A copy of the laboratory report for the sample is enclosed.

Annual operating fees and penalties totaling \$2,160.00 are past due. Please remit a check for the fees and penalties payable to the Missouri Department of Natural Resources, P.O. Box 176, Jefferson City, MO 65102. Please indicate the facility name and permit number with or on the check.

OBSERVATIONS AND RECOMMENDATIONS

1. At the time of the inspection, only one of the two blowers in the facility was in an operational condition. The inoperable blower had a steel cap placed on the air intake and the timer switch was disabled.
2. The aeration basin contained approximately 1-2 inches of floating, brown foam, an indication of either filamentous bacterial growth or underdeveloped biomass. Both conditions will negatively impact sludge settling.
3. The wooden clarifier baffle was not securely affixed to the clarifier walls and was in poor condition. This baffle should be replaced with one made of aluminum, stainless steel, or galvanized steel. It should be installed in a manner to prevent scum and floating debris to go between it and the clarifier walls.
4. The clarifier weir was not level, causing short-circuiting flow through the clarifier.
5. The chlorine contact tank contained significant amount of settled and suspended solids and floating trash. The flow through the tank caused the suspended solids to discharge in the effluent.
6. The end of the discharge pipe was buried with sediment. At high flows, this partial blockage of flow could cause wastewater to back-up into the treatment plant.

CONCLUSION

The facility is considered to be in noncompliance for exceeding permitted effluent limitations, failure to submit discharge monitoring reports, failure to submit a timely application for renewal of operating permit, and failure to remit annual operating fees. The enclosed Notice of Violation # 7571 SWS is being issued to formally notify you of the violations and to persuade you to take prompt corrective action.

REPORTED BY:



Scott Robinett
Environmental Specialist
Lake of the Ozarks Satellite Office

APPROVED BY:

Kevin Hess, Chief
Water Pollution Unit
Southwest Regional Office