

Coutry Hill Estates

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10500 Northeast US Highway 69

Owner- Central Rivers Wastewater Utility Inc., P. O. Box 528, Kearney, Mo 64060

MO-0132144

Effective date as of 09-01-2012

Must be revaluated 08-31-2017

Outfall #001--Subdivision-SIC # 4952

Septic tanks/ recirculating sand filter/ sludge disposal by contract hauler

Receiving stream - Unamed tributary to Brushy Creek

Design population equivalent is 111

Design flow 11,100 gallons per day

Actual flow is 2,960 gallons per day

Design sludge production is 1.67 dry tons/year

Actual sludge production is ???

Any documentation, illustration, verification ,or questions needing to be completed in the flowing report can be reviewed and produced by:

WET RPM

Robert Betts

660-351-1236

betts1213@gmail.com

OPERATOR COMPLIANCE O&M CHART **which includes but may not be limited to the following**

	DAILY	BI-WEEKLY	WEEKLY	MONTHLY	QUARTERLY	SIM-ANNUAL	ANNUALLY	PERMIT CYCLE
Influent or Effluent Flow					24 hr. estimate read water meters after install			
Effluent PH must be done on site					Grab within the first week of each month			
Effluent TEMP must be done on site					Grab within the first week of each month			
Effluent DO					Grab (WET RPM recommends)			
Effluent Ammonia					Grab within the first week of each month			
Effluent BOD					24 hr. modified composite within the first week of each month			
Effluent TSS					24 hr. modified composite within the first week of each month			
Influent PH must be done on site					Grab (WET RPM recommends)			

	DAILY	BI-WEEKLY	WEEKLY	MONTHLY	QUARTERLY	SIMI-ANNUAL	ANNUALLY	permit cycle
Influent Temp must be done on site					Grab (WET RPM recommends)			
Influent					Grab within the first week of each month (WET RPM recommends)			
Ammonia								
DMRs					Before 28 of Apr, Jul, Oct, Jan			
Septic Tanks				Clean filter in each tank		Sludge judge (WET RPM recommends)	Remove sludge	
Recalculating tanks			pumps hour readings	Clean pump screens Clean filter			Remove sludge	
				Flush distribution lines and under drain Remove vegetation				
Sand filter								
Sludge report							Before January 28	
Ground keeping				Remove vegetation and maintain fence Mow grass to less than 6"				
PH and DO meter				QA/QC both DO and PH meter				

	DAILY	BI-WEEKLY	WEEKLY	MONTHLY	QUARTERLY	SIMI-ANNUAL	ANNUALLY	permit cycle
Schedule of Compliance						Mar 2013 Progress Report sent to DNR	Sept 2013 Progress Report sent to DNR	Jan 28, 2015 Meet Final Ammonia Limits
SSO	Report any occurrence within 24 hours online							
Rate study and budget							Review and update	
Permit renewal								8/31/2017
Permit application								2/28/2017
Draft permit review and comments								9/30/2017

Facility operators under this permit does not requires any licensed operator but a licensed D operator is recommended.

Waste water treatment equipment and facility must be effectively operated and maintain by a competent person.

24 hr. Modified Composite made up from a minimum of 4 Grab Samples collected within a 24 hour period, with a minimum of 2 hours between each sample.

Permittee is subject to standard conditions part I, III

Any discharge within the reporting period must be reported

If no discharge DMRs still need to be reported

Operator should notify permittee when sample are taken.

Permittee must follow all 10 CSR 20 regulations.

Effluent sample must be taken at outfall

Test procedures must follow standards methods

When taking samples the date, exact place, time, and individual taken sample must be recorded.

When analyses are being preformed the date, individual, analytical techniques and results must be reported on DMRs.

More than required monitoring can be preformed but must be reported on DMRs.

Any facility expansion or process modification requires a construction permit from DNR.

Any noncompliance which may endanger health or environment must be orally provided within 24 hour to DNR.

A written report must follow up within five days.

All other noncompliance must be reported in writing to DNR within five days.

When any substance is removed from the facility such as sludge, grit or screening, the permittee must record and maintain the date, time, volume and disposal site.

Any bypass or SSO that occurs in the facility must be reported to DNR online or by phone within 24 hr. if by phone

A written report must follow up within five days.

All records must be retained at the facility for at least three years. All records must be available upon DNR request.

Civil and criminal liability fall on the permittee

Monitor any effluent introduced by major contributing industry

Issue pretreatment permit to any major contributing industry and give notice to DNR

Permittee is responsible for final disposal unless contract hauler has separate permit for sludge disposal, or contract hauler transport sludge to another permitted facility.

Permittee must require and maintain documentation on contract hauler of disposal methods, permits and total solids contents.

All outfalls must be clearly marked in the field as outfall 001

Discharges will not cause violation of water quality standards rules of 10 CRS 20

Facility must have at least one sign on each side of facility.

Facility must provide O&M manuals to the operator.

All weather access roads to facility

The discharge from the system must be conveyed to the receiving stream by close pipe or open rip-rapped channel and maintained for easy sampling access.

Spare parts need to be on hand for any equipment that require routine maintenance and repairs.

All collection systems components need to have a inspection and repair program in place.

A rate study and budget needs to be completed and updated annually for the facility to be able to operate, maintain, and upgrade facility keeping the facility in compliance.