

Park Estates

Park Estates

End of NE 170th Street West of Highway 33, Kearney, MO 64060

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

MO-0126004

Effective date as of 03-05-2010

Must be revaluated 03-04-2015

Outfall #001--Subdivision-SIC # 4592

Septic Tank Effluent Pump (STEP) System/ recirculating sand filter/ sludge disposal by contract hauler

Receiving stream - Unnamed tributary to Clear Creek

Design population equivalent is 196

Design flow 20,000 gallons per day

Actual flow is ??? gallons per day

Design sludge production is 1.4 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

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OPERATOR COMPLIANCE CHART

which includes but may not be limited to the following

| | DAILY | BI-WEEKLY | WEEKLY | BI-MONTHLY | QUARTERLY | SIMI-ANNUAL | ANNUALLY | PERMIT CYCLE |
|------------------------------------|-------|-----------|--------|------------|---|-------------|----------|--------------|
| Influent or Effluent Flow | | | | | 24 hr. estimate Grab within the first week of each quarter | | | |
| Effluent PH must be done on site | | | | | Grab within the first week of each quarter | | | |
| Effluent TEMP must be done on site | | | | | Grab within the first week of each quarter | | | |
| Effluent DO | | | | | Grab (WET RPM recommends) | | | |
| Effluent Ammonia | | | | | Grab within the first week of each quarter | | | |
| Effluent Fecal | | | | | Grab within the first week of each month from April 1 thru Oct. 31 | | | |
| Effluent BOD | | | | | 24 hr. modified composite within the first week of each quarter | | | |
| Effluent TSS | | | | | 24 hr. modified composite within the first week of each quarter | | | |

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

| | DAILY | BI-WEEKLY | WEEKLY | BI-MONTHLY | MONTHLY | SIMI-ANNUAL | ANNUALLY | permit cycle |
|----------------------------------|--|--------------------------------|--|--|---|--|-------------------|--------------|
| PH and DO meter | | | | | QA/QC both DO and PH meter | | | |
| SSO | Report any occurrence within 24 hours online | | | | | | | |
| | | | Mar 5, 2012- an application for construction permit and a copy of engineering report/plans and specifications must be submitted to DNR | Within 15 days of DNR's request for additional information, engineering modifications must be submitted to DNR | Within six months of issuance of the construction permit improvements must be constructed | Within 15 days of completion on construction must submit a statement of work completed form to DNR | | |
| Schedule of Compliance | Final effluents need to be met by 7/28/2013 | 12 Fecal samples must be taken | must be submitted to DNR | submitted to DNR | must be constructed | completed form to DNR | Review and update | |
| Rate study and budget | | | | | | | | |
| Permit renewal | | | | | | | | 3/4/2015 |
| Permit application | | | | | | | | 9/4/2014 |
| Draft permit review and comments | | | | | | | | 4/4/2015 |

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 four grab samples collected within 24 hrs, with a minimum of 2 hours between each grab 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.