

Memorandum for the Record
Cedar Blue Property Owners Association, Inc. Wastewater Treatment Facility,
aka, ODEQ Status Report
21 September 2013

1. The purpose of this memorandum for the record is to read into the official minutes of the monthly meeting as required by the Oklahoma Department of Environmental Quality letters dated 28 August 2013. The CBPOA, Inc. Bylaws (Article VII, Section 1.) require a monthly meeting of the CBPOA, Inc. Board of Directors. The meeting for September 2013 is being held on 21 September 2013.
2. On 28 August 2013, the CBPOA, Inc. received two (2) letters from the ODEQ that provided two (2) permits for the construction of upgrades to the CBPOA wastewater treatment facility. The two (2) letters and permits are attached to this memorandum for the record.
3. Letter 1: Permit No.: SL000050100846; Cedar Blue RV Park; Un- Permitted Lift Stations and Force Mains Improvements Project; Facility No.: S-10894
 - a. This permit is to upgrade and improve the 28 existing lift stations, and install new force mains, along with other approved work. All work to be performed in accordance with the ODEQ approved plans and specifications. Any deviations from the approved plans and specifications affecting capacity, flow, or operation of units must be approved, in writing, by the Department before changes are made.
4. Letter 2: Tier II Permit No.: ST000050100847; Cedar Blue RV Resort Category 5 Reclaimed Wastewater Irrigation System Project Including Lagoon System Expansion; Facility No.: S-10894
 - a. This permit is installing a sprinkler system on property owned by CBPOA, Inc. across Cedar Blue Road east of the Park entrance and to upgrade and expand the existing lagoon system.

//Signed//

Clyde Kluge, President
Board of Directors
Cedar Blue Property Owners Association, Inc.



STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

August 28, 2013

Clyde Kluge, President
Cedar Blue Property Owners Association
Route 1, Box 222
Sulphur, Oklahoma 73086

Re: Permit No.: SL000050100846
Cedar Blue RV Park
Un- Permitted Lift Stations and Force Mains Improvements Project
Facility No.: S-10894

Dear Mr. Kluge:

Enclosed is Permit No.: SL000050100846 for the construction of modifications to 28-lift stations and force mains including approximately 2,170 L. F. of new three (3) inch force mains connecting Lift Stations 28, and force mains from Lift Station 1, 22, and 23 to the to the lagoon system influent diversion box; Lift Station 1 35-kW emergency generator with auto transfer switch; and appurtenances to serve the the Cedar Blue Property Owners Association - Cedar Blue RV Park Un- Permitted Lift Stations and Force Mains Improvements Project, Murray County, Oklahoma.

The project authorized by this permit should be constructed in accordance with the plans approved by this Department on August 28, 2013. Any deviations from the approved plans and specifications affecting capacity, flow, or operation of units must be approved, in writing, by the Department before changes are made.

Receipt of this permit should be noted in the minutes of the next regular meeting of the Cedar Blue Property Owners Association, after which it should be made a matter of permanent record.

We are returning one (1) set of the approved plans to you, one (1) set to your engineer and retaining one (1) set for our files.

Respectfully,

Robert Walker
Construction Permit Section
Water Quality Division

RBW/RC/bg

Enclosure

c: Ada DEQ Office
David Golden, R. S., Regional Manager, DEQ
Stephen Cesar, P. E., SBC Consulting Engineers





STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

PERMIT NO.: SL000050100846

SEWER LINES

FACILITY NO.: S-10894

PERMIT TO CONSTRUCT

August 28, 2013

Pursuant to O.S. 27A 2-6-304, the Cedar Blue Property Owners Association is hereby granted this Tier I Permit for construction of modifications to 28-lift stations and force mains including approximately 2,170 L. F. of new three (3) inch force mains connecting Lift Stations 28, and force mains from Lift Station 1, 22, and 23 to the to the lagoon system influent diversion box; Lift Station 1 35-kW emergency generator with auto transfer switch; and appurtenances to serve the the Cedar Blue Property Owners Association - Cedar Blue RV Park Un- Permitted Lift Stations and Force Mains Improvements Project, located in parts of SE-1/4, Section 21 and NE-1/4, Section 28, T-1-S, R-3-E, I. M., Murray County, Oklahoma, in accordance with the plans approved on August 28, 2013.

By acceptance of this permit, the permittee agrees to operate and maintain the facilities in accordance with the "Oklahoma Pollutant Discharge Elimination System Standards - OPDES" (OAC 252:606) rules and to comply with the state certification laws, Title 59, Section 1101-1116 O.S. and the rules and regulations adopted thereunder regarding the requirements for certified operators.

VARIANCES

- 1) A variance from OAC 252:656-7-1(b)(1), requiring each lift station to have at least two pumps is granted. Lift Stations 4 through 27 will have the same single grinder pump with not less than two spare pumps kept at the facility.
- 2) A variance from OAC 252:656-7-1(c)(1), force mains shall be at least 4-inches in diameter and provide at least 2-fps velocity is granted. Lift Stations 2 through 27 force main velocities will vary from not less than 1.6-fps to 2.4-fps.
- 3) A variance from OAC 252:656-7-1(c)(10), requiring the lift station wet well size and control settings to meet the chosen manufacturer's recommended cycling times and not to exceed 30 minutes between pump off to pump on, and, wet well floors be sloped to the pump intake at least 1 to 1 (1:1) slope is granted.
- 4) A variance from OAC 252:656-7-4(a)(2), requiring emergency operation of a lift station with a minimum four hours of emergency storage, be designed with a portable engine-driven pump with a quick connection to the force main is granted. The applicant will continued to use a self-contained honey wagon to pump out the affected lift station wet well, and, the park will close in the event of an extended power outage.

PROVISIONS AND CONDITIONS

This permit is issued subject to the following provisions and conditions.

- 1) That the recipient of the permit is responsible that the project receives supervision and inspection by competent and qualified personnel.
- 2) That construction of all phases of the project will be started within one year of the date of approval or the phases not under construction will be resubmitted for approval as a new project.
- 3) That no significant information necessary for a proper evaluation of the project has been omitted, or invalid information has been presented in applying for the permit.

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STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

PERMIT NO.: SL000050100846

SEWER LINES

FACILITY NO.: S-10894

PERMIT TO CONSTRUCT

- 4) That tests will be conducted as necessary to insure that the construction of the sewer lines will prevent excessive infiltration and that the leakage will not exceed 10 gallons per inch of pipe diameter per mile per day.
- 5) That the Oklahoma Department of Environmental Quality shall be kept informed of occurrences which may affect the eventual performance of the works or that will unduly delay the progress of the project.
- 6) That the permittee will take steps to assure that the connection of house services to the sewers is done in such a manner that the functioning of the sewers will not be impaired and that earth and ground water will be excluded from the sewers when the connection is completed.
- 7) That any deviations from approved plans or specifications affecting capacity, flow or operation of units must be approved by the Department before any such deviations are made in the construction of this project.
- 8) That the recipient of the permit is responsible for the continued operation and maintenance of these facilities in accordance with rules and regulations adopted by the Environmental Quality Board, and that this Department will be notified in writing of any sale or transfer of ownership of these facilities.
- 9) The issuance of this permit does not relieve the responsible parties of any obligations or liabilities which the permittee may be under pursuant to prior enforcement action taken by the Department.
- 10) That the permittee is required to inform the developer/builder that a DEQ Storm Water Construction Permit is required for a construction site that will disturb one (1) acre or more in accordance with OPDES, 27A O.S. 2-6-201 *et. seq.* For information or a copy of the GENERAL PERMIT (GP-005) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES, Notice of Intent (NOI) form, Notice of Termination (NOT) form, or guidance on preparation of a Pollution Prevention Plan, contact the Storm Water Unit of the Water Quality Division at P.O. Box 1677, Oklahoma City, OK 73101-1677 or by phone at (405) 702-8100.
- 11) That all manholes shall be constructed in accordance with the standards for Water Pollution Control Facility Construction (OAC 252:656-5-3), as adopted by the Oklahoma Department of Environmental Quality.
- 12) That when it is impossible to obtain proper horizontal and vertical separation as stipulated in Water Pollution Control Facility Construction OAC 252:656-5-4(c)(1) and OAC 252:656-5-4(c)(2), respectively, the sewer force main pressure pipe shall be pressure tested using the ASTM air test procedure with no detectable leakage prior to backfilling, in accordance with the standards for Water Pollution Control Facility Construction OAC 252:656-5-4(c)(3).

Failure to appeal the conditions of this permit in writing within 30 days from the date of issue will constitute acceptance of the permit and all conditions and provisions.

Rocky Chen, P.E., Engineering Manager, Construction Permit Section
Water Quality Division

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STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

August 27, 2013

Clyde Kluge, President
Cedar Blue Property Owners Association
Route 1, Box 222
Sulphur, Oklahoma 73086

Re: Tier II Permit No.: ST000050100847
Cedar Blue RV Resort
Category 5 Reclaimed Wastewater Irrigation System Project
Including Lagoon System Expansion
Facility No.: S-10894

Dear Mr. Kluge:

Enclosed is Tier II Permit No.: ST000050100847, for construction of a Category 5 reclaimed wastewater irrigation system including a pump station with an approximately 150-gpm at 115-foot T. D. H. submersible pump; approximately 3,800 L. F. of six (6) inch and 2,665 L. F. of two (2) inch irrigation force main lines feeding approximately 78 sprinkler heads each with a design spray radius of approximately 40-feet and covering approximately 7-acres of total applied surface area; expansion of both primary lagoon cells to approximately 0.15 acres each and expansion of the secondary cell to 0.33 acres; and appurtenances to serve the Cedar Blue RV Resort Category 5 Reclaimed Wastewater Irrigation System Project Including Lagoon System Expansion, Murray County, Oklahoma.

The project authorized by this Tier II Permit should be constructed in accordance with the plans approved by this Department on August 27, 2013. Any deviations from the approved plans and specifications affecting capacity, flow, or operation of units must be approved, in writing, by the Department before changes are made.

Receipt of this permit should be noted in the minutes of the next regular meeting of the Cedar Blue Property Owners Association, after which it should be made a matter of permanent record.

We are returning two (2) set of the approved plans to you, sending one (1) set to your engineer, and retaining one (1) set for our files.

Respectfully,

Robert B. Walker
Construction Permit Section
Water Quality Division

RBW/RC/bg

Enclosure

c: Ada DEQ Office
Elizabeth Denning, ECLS
David Golden, R. S., Regional Manager, DEQ
Stephen Cesar P. E., SBC Consulting Engineers





STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

TIER II PERMIT NO.: ST000050100847

SEWAGE TREATMENT

FACILITY NO.: S-10894

PERMIT TO CONSTRUCT

August 27, 2013

Pursuant to O.S. 27A 2-6-401, the Cedar Blue Property Owners Association is hereby issued this Tier II Permit for construction of a reclaimed wastewater irrigation system including a pump station with an approximately 150-gpm at 115-feet T. D. H. submersible pump; approximately 3,800 L. F. of six (6) inch and 2,665 L. F. of two (2) inch irrigation force main lines feeding approximately 78 sprinkler heads each with a design spray radius of approximately 40-feet and covering approximately 7-acres of total applied surface area; expansion of both primary lagoon cells to approximately 0.15 acres each and expansion of the secondary cell to 0.33 acres; and appurtenances to serve the Cedar Blue RV Resort Category 5 Reclaimed Wastewater Irrigation System Including Expansion Lagoon System Expansion Project, located in parts of E-1/2, SE-1/4, Section 21, NW-1/4, NW-1/4, Section 27, NE-1/4, Section 28, T-1-S, R-3-E, I. M., Murray County, Oklahoma, in accordance with the plans approved on August 27, 2013.

By acceptance of this permit, the permittee agrees to operate and maintain the facility in accordance with the Discharge - OPDES (NPDES) rules OAC 252:605 and to comply with the State Certification laws, Title 59, Section 1101-1116 O.S. and the rules and regulations adopted thereunder regarding the requirements for certified operators.

This permit is issued subject to the following provisions and conditions.

- 1) That the recipient of the permit is responsible that the project receive supervision and inspection by competent and qualified personnel.
- 2) That construction of all phases of the project will be started within one year of the date of approval or the phases not under construction will be resubmitted for approval as a new project.
- 3) That no significant information necessary for a proper evaluation of the project has been omitted or, invalid information has been presented in applying for the permit.
- 4) That the Oklahoma Department of Environmental Quality shall be kept informed of occurrences which may affect the eventual performance of the works or that will unduly delay the progress of the project.
- 5) That the issuing of this permit does not relieve the responsible parties from any damage which may accrue as the result of the location and operation of the plant in this area.
- 6) That the recipient of the permit is responsible for the continued operation and maintenance of these facilities in accordance with the rules and regulations adopted by the Environmental Quality Board and that this Department will be notified in writing of any sale or transfer of ownership of the facilities.

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MARY FALLIN
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TIER II PERMIT NO.: ST000050100847

SEWAGE TREATMENT

FACILITY NO.: S-10894

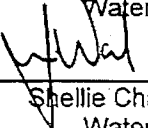
PERMIT TO CONSTRUCT

- 7) That these facilities are approved for an average hydraulic loading of 6,580 gallons/day or an organic load of 11 pounds of BOD₅/day. Before additional loading is connected to the system, plans for suitable enlargement of the facilities shall be submitted to the Oklahoma Department of Environmental Quality for approval.
- 8) That any deviations from approved plans or specifications affecting capacity, flow or operation of units must be approved by the Department before any such deviations are made in the construction of this project.
- 9) That any notations or changes recorded on the official approved set of plans and specifications in the Oklahoma Department of Environmental Quality files shall be a part of the plans as approved.
- 10) As-built plans of this project shall be placed on file with this Department within two months of the completion of the work or a certification by the engineer shall be submitted certifying that no changes have been made in the work as approved.
- 11) The issuance of this permit does not relieve the responsible parties of any obligations or liabilities which the permittee may be under pursuant to prior enforcement action taken by the Department.

Failure to appeal the conditions of this permit in writing within 30 days from the date of issue will constitute acceptance of the permit and all conditions and provisions.



Rock Chen, P.E., Engineering Manager, Construction Permit Section
Water Quality Division



Dr. Shellie Chard-McClary, Director
Water Quality Division

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