

**Town of Chadbourn
Waste Water Treatment Facility
Performance Annual Report**

I. General Information

Permit No.: NC 0021865

Person in Charge/Contact:

Robert Jones, Town Manager – (910) 654-4148

Daniel Clint Ward, Waste Water Treatment Plant Operator – (910) 654-3045

Description of Treatment Process

The Town of Chadbourn has a waste water treatment facility with a permitted flow of 1.0 million gallons per day (MGD) consisting of a mechanical bar screen, mechanical grit machine, influent and effluent flow recorders and samplers, two aeration basins, dual clarifiers, two aerobic digesters, a 1 MGD tertiary sand filter, gas chlorination/dechlorination system, a chlorine contact chamber, a backup generator and two polishing ponds. The total gallons treated for the year 2014 was 181,091,000 and the annual average daily flow was 0.516 million gallons per day. The facility is permitted to land apply on 23.22 acres in Columbus County. A total of 390,000 (27.65 dry tons) of class B bio-solids was land applied by Southern Solutions Environmental in the year 2014.

II. Performance

Test Summary of System Performance for the Calendar Year 2014.

The Waste Water Treatment Facility was in Compliance for Monitoring, Reporting & Permit Limits for 2014, except:

1. In July the monthly average was over the limit by 0.77 mg/l for the Bod test which totaled 5.77 mg/l. As a result of being over the monthly limit there was a clarifier down for maintenance. For the remainder of the year the wastewater treatment plant was compliant.

Departmental Staff have worked diligently at eliminating the re-occurrence of any Compliance issues for 2014. If you would like any further information or a copy of this report, Contact Town Hall at: (910) 654-4148.

III. Notification

This report was made available to users by mail in the customer's monthly utility bill, via the Town's Website (www.townofchadbourn.com) or one can be obtained from the Town Hall.

IV. Certification

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users of Chadbourn's Waste Water Treatment Facility and that the users were notified of its availability.



Daniel Clinton Ward, Wastewater ORC
Town of Chadbourn

11/09/15
Date