

Town of Chadbourn Waste Water Treatment Facility Performance Annual Report

I. General Information

Permit No.: NC 0021865

Person in Charge/Contact:

Stevie Cox, 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 2013 was 146,386,000 and an average daily flow per million of 0.394. The facility is permitted to land apply on 7.8 acres in Columbus County. A total of 430,000 (18.14 dry tons) of class B bio-solids were land applied by Southern Solutions Environmental in the year 2013.

II. Performance

Test Summary of System Performance for the Calendar Year 2013.

The Waste Water Treatment Facility was in Compliance for Monitoring, Reporting & Permit Limits for 2013, except:

1. In the Months of March, April and June the Wastewater Treatment Plant failed Toxicity Testing Due to an Industry Spilling Oil in a Sewer Lift station. Staff worked diligently to clean out the lift station and was issued a notice of violation with a fine for the failed toxicity test in the month of June.

Departmental Staff have worked diligently at eliminating the re-occurrence of any Compliance issues for 2013. If you would like any further information or a copy of this report, Contact Town Hall or Public Works Director Michael Foss 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.