

Jim Palenick

From: Jim Palenick [jpalenick@dallasnc.net]
Sent: Friday, April 04, 2014 3:00 PM
To: 'Rick Coleman'; 'ronniemorrow@att.net'; 'jjerry2@att.net'; 'jcmalker@gmail.com'; 'huggybarber@att.net'; 'hoylewithers@yahoo.com'
Cc: 'mstroupe@dallasnc.net'; 'Gary Buckner'; 'Steve Lambert'; 'Bill Trudnak'; 'Doug Huffman'; 'David Kahler'; 'A. Martin'; 'J. Thomas Hunn'
Subject: Town Manager's Weekly Report (#70)
Attachments: Common Threads Book narrative.docx; WWTP Report 2013.pdf

Mayor & Board of Aldermen(Women):

Please accept the following as the **Town Manager's Report for the Week-ended Friday, April 4, 2014.**

- The Town's Wastewater Treatment Plant Manager, Jon Page, recently completed the plant's required Annual Performance report for calendar year 2013 in keeping with requirements established by our NPDES permit, and a copy of that report, which is attached herewith for your use and review, has been sent on to The NCDENR in Raleigh and will be available to the general public upon request.
- You may recall that Dallas chose to take out a full-page feature ad in the upcoming printing of the Gaston County commemorative publication (coffee table book), Titled "Gaston County, Yesterday, Today, and Tomorrow". That full-page narrative is now complete (copy attached) and will appear along with two high-resolution photos of our choosing in the book which is to be published this Summer. We felt that given the Town's 150th (Sesquicentennial) in 2013, it was an appropriate time to feature Dallas prominently in such a publication. We will be acquiring copies of the book for each elected official upon publication.
- The Youth Baseball season begins on Saturday at the Carr School fields where games are scheduled throughout the day. Town employees have been working diligently to have the facilities fully prepared and in good shape for the opening.
- I have spent much of this week meeting with Department Heads and developing and refining their individual Budget Requests. I expect to finalize a first-draft of the full budget by late next week to see how close we are to balance. From there we will further tweak and trim the various line-items and Funds to achieve a final balanced, comprehensive request for which supporting narrative will then be created. Ultimately, the complete package will be available to the Board by the first week in May. Thereafter, you all will conduct two, scheduled Budget Work Sessions later in May to review, discuss and make any desired changes to the document. Then, at your June Board Meeting, the Comprehensive Budget for FY 2014-15 will be formally adopted by Ordinance.
- Rehab Builders, our preservation contractors working on the Courthouse building had a very productive week. Much of the physical structure of the enclosure for the stair tower has been erected and all of the old roof materials were removed and much of the new roof underlayment has been installed. In addition, a good deal of work on the elevator pit and shaft has been completed; exterior brick and stucco repairs are nearly done; and, work has begun on interior framing.
- The Town's new employee Health Care coverage program through United Healthcare, as administered by Lake Norman Benefits, began on April 1st and each covered employee received their \$1500 HSA contribution/deposit on that day as well. New ID cards were mailed out to all covered participants and should be received in the mail any day now. However, I have copies of temporary cards which I can print and distribute should anyone need them prior to receipt of their permanent card.

Thank You,

James M. (Jim) Palenick
Interim Dallas Town Manager

210 N. Holland St.
Dallas, NC 28034
704-922-3176 office
704-214-1031 cell
palenick@dallasnc.net

"Common Threads, Weaving Yesterday, Today and Tomorrow in Gaston County"

TOWN OF DALLAS

Noted as the "Crossroads of Gaston County", the small, historic Town of Dallas, named after George Mifflin Dallas, the 11th Vice President of the United States, is located near the County's geographic center and immediately north of the confluence of Interstate-85 and NC-321.

Established as the first seat of Gaston County government in 1846, Dallas would go on to officially incorporate as a Town on February 11, 1863. Fast forward one-hundred-and-fifty years to 2013 and you'll find the 4600 residents of this post-card-like oasis of southern charm and hospitality celebrating their Sesquicentennial anniversary by completing the comprehensive restoration and enhancement of the Nationally-Registered (1848) historic Courthouse building and traditional Downtown public square which still serves as the Town's focal-point for family-oriented gatherings and events.

One of Dallas' most accomplished and revered residents, the late Dr. William C. Friday, grew up in a small frame house only blocks from the Town Square. He would go on to a highly-distinguished career in higher education, punctuated by his service as the longest-tenured President (1956-1986) in the history of the North Carolina University system – a system whose growth, prestige, and status as one of the nation's premier institutions, was largely defined by Friday's leadership. Today, the William C. Friday Middle School reflects his legacy of educational service and leadership..

The Gaston County Art and History Museum is located in Dallas opposite the Courthouse Square in the 1852-vintage, former Hoffman Hotel where visitors to the grand, Greek revival structure can tour two floors of extensive, changing exhibits on local and regional art and history, including the state's largest collection of horse-drawn vehicles and the permanent Carolina's textile exhibit. Just up the road, beyond a burgeoning commercial and retail center at the NC-321 Interchange, lies the campus of Gaston College, where nearly a half-million square-feet of classroom, laboratory, and support buildings, allow some 16,000 students annually to attend classes toward degree and certificate programs as part of the North Carolina Community College System.

With a highly-successful, municipal Electric utility providing reliable, low-cost power; a water and wastewater system growing in capacity and quality; well-equipped and well-trained public safety forces; and, family-oriented recreational facilities and programming; Dallas is poised for a sustainable future, where progress is respected and actively pursued, while legacies are acknowledged and honored.



Mayor
Rick Coleman

Aldermen
Jerry Cearley
Stacy Duff
Allen Huggins
Darlene Morrow
Hoyle Withers

Town Manager
Interim James Palenick

Town Clerk
Maria Stroupe

Town Attorney
Thomas Hunn

Public Works
Bill Trudnak

Electrical
J. Doug Huffman

Police Chief
Gary Buckner

Planning
David Kahler

Fire Chief
Steve Lambert

Recreation
Anne Martin

Town of Dallas
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March 31st, 2014

System Performance Annual Report
North Carolina Division of Water Quality
1617 Mail Service Center
Raleigh, North Carolina 27699-1617

Dallas Wastewater Plant, NPDES Permit # NC 0068888

Dear Sir:

Enclosed you will find copies of the Annual Performance Report for the year 2013 for the Wastewater Plant Operation and Discharge for the Town of Dallas, North Carolina. We believe the reports to be complete and accurate. Copies of this report will be made available to customers and the general public at the Town Municipal Operation Center in April, 2014.

A copy of the above is being sent to Central Files in Raleigh.

If you have any questions, please advise.

Sincerely,

Jon A. Page
Wastewater Plant ORC

Cc: Mr. Bill Trudnak, Director of Public Works
Mr. Rick Coleman, Mayor
Mr. Jim Palenick, Town Manager

Enc.

**TOWN OF DALLAS
WASTEWATER TREATMENT FACILITY**

ANNUAL PERFORMANCE REPORT

For the calendar year 2013

Prepared: March 2014

**2013 Annual Performance Report
For the
Town of Dallas
Wastewater Treatment Facility**

I. General Information

Facility/System Name: Town of Dallas Wastewater Treatment Plant

Responsible Entity: Town of Dallas

Person in Charge/Contact: Jon A. Page
Wastewater Treatment ORC
700 E. Ferguson St.
Dallas, NC 28034-1726
(704) 922-0517

Description of Collection System or Treatment Process:

The Town of Dallas Wastewater Treatment Plant consists of two 0.3 MGD process trains with subsequent discharge to an unnamed tributary of Long Creek (Class C) in the Catawba River Basin. The Unit processes include a manually cleaned bar rack, a parshall flume for influent flow measurement, a secondary manually cleaned bar rack, dual circular extended aeration basins with integral clarifiers, post aeration, and sludge digesters. The treated effluent is chlorinated then de-chlorinated prior to discharge. Digested sludge is transported in liquid form, Land Applied on permitted farmland. Southern Soil Builders have a contract with the Town of Dallas to provide this transportation and application of sludge per Permit WQ0020912, dated May 15th, 2008. There are analytical results and site maps available at the Waste Water Office. The sludge applied to permitted fields in 2013 was 936,000 gallons. In addition to the Land Application, The Town of Dallas has continued to utilize the WSACC Incinerator for disposal of biosolids. There were 97,500 gallons transported to WSACC at Rocky River Treatment Plant in 2013. Sand drying beds are also provided on site. They can be used when available. The plant is currently averaging a daily flow of 0.405 MGD. The Town of Dallas operates on its permit which became effective on October 1st, 2010. In this permit, there was a new condition added for the Town to add statements concerning any efforts that are being made to make connections to the City of Gastonia's Long Creek Plant and eliminate the existing discharge. At this time, the Town is conducting Engineering Studies to discuss the possibility of an interconnection for redirection of flows during rain events, i.e., heavy flow occurrences, which would flow to the Long Creek Plant. The Town has begun to implement the changes that would make the interconnection complete.

II. Compliance Performance

The North Carolina Department of Environment and Natural Resources (NCDENR) regulate the Town of Dallas effluent discharge under the National Pollutant Discharge Elimination System (NPDES). The NCDENR issued to the Town a NPDES Permit, # NC0068888 which includes water quality limits and sampling and monitoring requirements. The NPDES Permit requires the Town to test 12 different constituents in the treated water. The monitoring frequency for these constituents are set at various intervals such as continuous, daily, weekly, monthly, and quarterly. As in the past year, The City of Gastonia Wastewater Division Laboratory (certification. # 210) has been contracted by the Town of Dallas to collect, transport, analyze, and report the results in a timely manner to the Town for DMR Reporting and accurate process control of treatment processes. Environmental Testing Solutions Laboratory (Certification # 600) has been conducting the Quarterly Chronic Toxicity Tests. All Flow Instrumentation and Calibration was performed by the Ken Nash Company. All calibration records are available in the Wastewater Office. The Town of Dallas Public Works continues its Pro-Active Approach towards the Treatment of Wastewater. Town Officials have contracted Piedmont Pump and Valve Service to schedule and perform Preventative Maintenance on all System Major Equipment. There was a major rebuild of the plant's East Aeration Basin. In the course of one week's time, beginning on the 26th of May, the Town had up to twenty-five people, some contracted, and some employed by the Town, to work together to rebuild the aeration basin, including a complete clean-out and tank inspection. All 432 of the Sanitaire Fine Bubble Diffuser Discs were replaced. General Contractor's "The Huffstetler Group" handled the majority of the project. Carolina Underground Utilities worked in conjunction with them to provide cleaning and removal of debris to expedite the project. There was a letter completed and sent to DWQ at the Mooresville Regional Office just after the completion of this project. The Emergency Diesel Pump on-site still serves as a third Main Lift Pump. This can be utilized during rainstorms, and high flow events. The Pump Station has two (2) Gorman Rupp Pumps with High and Low Speed Capabilities. These pumps are rebuilt with new rotating assemblies as needed also by Piedmont Pump and Valve Service. The Main Lift Station has retained the 3,500 gallon steel tank, which is on trial from Univar USA, for PH/Alkalinity adjustments. The tank contains a Liquid Lime Slurry of 34% solution to be trickled in by gravity at plant influent. Management continues to monitor system results to determine if this will be cost effective and become a permanent part of the treatment process. At this time, there is consideration being given to Univar USA bringing in a much larger tank to provide more of the lime inventory available to plant staff. The Public Works Collection System Personnel are still involved in a Grease Augmentation Program with Maryland Bio-Chemical Company at the Town's Lift Stations and at the Waste Treatment Plant as well. The Town has performed preventive maintenance on the Plant's Emergency Generator. This unit is available to carry the entire Plant and Main Lift Station 24 hours per day, 7 days per week with Automatic Switching capability. Following is a summary of the testing for the parameters, which are assigned Water Quality standards by the NPDES Permit.

Constituent	Number of Tests Required	Number of Tests Conducted*
Flow	Continuous	Continuous
Biochemical Oxygen Demand (BOD)	156	208
Total Suspended Solids (TSS)	156	208
Ammonia (NH3 as N)	156	208
Fecal Coliform	156	208
Total Residual Chlorine	156	156
pH	156	156
Dissolved Oxygen	156	156
Temperature	260	260
Toxicity	4	4
Total Phosphorus	4	4
Total Nitrogen	4	4

Following is a Summary of the plants compliance for the year 2013:

January: Compliant

February: Non-Compliant-Violation BOD Weekly Average
TSS Weekly Average
TSS Monthly Average

March: Compliant

April: Non-Compliant-Violation NH3-N Monthly Average

May: Non Compliant-Violation BOD Weekly Average
BOD Monthly Average
TSS Weekly Average
TSS Monthly Average
NH3-N Weekly Average
NH3-N Monthly Average

June: Compliant

July: Compliant

August: Compliant

September: Compliant

October: Compliant

November: Compliant

December: Compliant

All Quarterly Chronic Toxicity Tests run by Environmental Testing Solutions in Asheville, N.C. have Passed during this calendar year.

III. Certification

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information.

Signed this 31st day of March, 2014



Jon A. Page, Plant ORC