



**Minutes
Town of Chadbourn, North Carolina
Chadbourn Council Special Called Meeting**

August 7, 2014

The Special Called Meeting for a Public Hearing by the Chadbourn Town Council was held Thursday, August 7, 2014 at 6:30 p.m., in the Council Meeting Room.

Members Present: Mayor Pro Tem Donald Ray Bass; Councilmembers: Rashad Roberts, Brian Edwards, and Edwin Roberts.

Members Absent: Mayor Fax Rector, Councilmember David Worley

Others Present: Stevie Cox, Town Manager; Patricia Garrell, Town Clerk; Mike Foss, Public Works Director; Robert Mumblow, Chief of Police.

CALL TO ORDER AND ROLL CALL

Mayor Pro Tem Bass called the meeting to order at 6:32 p.m. Patricia Garrell, Town Clerk, took roll call.

INVOCATION

Councilmember Rashad Roberts led the assembly in prayer.

PLEDGE OF ALLEGIANCE

Mayor Pro Tem Bass led the assembly in the Pledge of Allegiance.

APPROVAL OF AGENDA

Mayor Pro Tem Bass asked Council to make a motion on the agenda.

Councilmember Rashad Roberts made a motion to approve the Agenda. The motion was seconded by Councilmember Edwards to approve the Agenda. The motion carried with a vote of 3 - 0.

PUBLIC COMMENTS AND CITIZEN REQUEST

Anyone seeking to speak under Public Comments must complete a comment card and submit it to the Town Clerk prior to the start of the Town Council Meeting. When you come up to speak, you will need to state your name, address, what organization that you represent and your topic of concern.

Mayor Pro Tem Bass opened the floor for Public Comments from the comment cards he received.

No Public Comments cards were received.

Mayor Pro Tem Bass closed the Public Comments.

PUBLIC HEARING

1. **Public Hearing for the 2014 Community Development Block Grant Funding (CDBG) Application.**

Presented by: Floyd Adams, with The Adams Company, Inc.

Mr. Adams stated that this was the second hearing for the CDBG Grant and he is presenting an outline application for the grant. (See below)

Outline view of Mr. Adams presentation for the 2014 Community Development Block Grant Funding (CDBG):

- NCDENR is offering a funding cycle for CDBG Infrastructure projects on September 2, 2014
- Total available funds for this cycle will be \$26,000,000
- Project may include water or sewer activities
- Maximum grant awards are limited to \$3,000,000 over a period of 3 years
- Benefit for the projects must be at least 51% LMI
- A plan for housing displacement and relocation will be applicable, however, no housing displacement or relocation will be proposed in Chadbourn's infrastructure project

The proposed project will include:

- Upgrades to the wastewater treatment plant
- Replace primary basin mixers
- Replace clarifier drive
- Repair/Rehab concrete wall at lagoon
- Upsize water line to 6" with hydrant
- Remove and replace 12,000 linear feet of deteriorated sewer lines
- Remove and replace 40 deteriorated manholes
- Project will address problems associated with the wastewater treatment plant and inflow and infiltration problems with old deteriorated sewer lines
- The project location will be at the wastewater treatment plant and the line replacements are located within the Town limits of Chadbourn
- The total CDBG cost of the project is \$3,000,000 which represents 97% of the total costs
- Town contribution for the project is \$100,000
- Total cost of the project is \$3,100,000

Mayor Pro Tem Bass opened the Public Hearing to the public at 6:40 p.m.

No Comments by the Public

Mayor Pro Tem Bass closed the Public Hearing to the public at 6:41 p.m.

ACTION AGENDA

1. **Approval of the Chadbourn Water Loss Reduction Plan.**

Presented by: Stevie Cox, Town Manager

Mr. Cox stated that Staff is requesting Council to make a motion to approve the Chadbourn Water Loss Reduction Plan, prepared by The Adams Company. (See below)

THE **ADAMS COMPANY** INC.

CONSTRUCTION AND DEVELOPMENT

708 Abner Phillips Road
Warsaw, North Carolina 28398
Phone (910) 293-2770
Fax (910) 293-2766

July 24, 2014

Ms. Hanne Richards
The News Reporter
P.O. Box 707
Whiteville, NC 28472

Subject: Notice to Public
Town of Chadbourn

Dear Ms. Richards:

Enclosed is a Notice to Public for the Town of Chadbourn.. Please publish this notice in the non-legal section of The News Reporter no later than July 28, 2014. If this deadline cannot be met please notify us immediately.

Please forward the bill and an affidavit of publication to:

Ms. Linda Gaddy
Town of Chadbourn
206 N Brown Street
Chadbourn, NC 28431

And a second affidavit of publication to:

Tammy H. Jones
The ADAMS COMPANY, Inc.
708 Abner Phillips Road
Warsaw, NC 28398

If you have any questions related to this matter, please do not hesitate to call me at 910-293-2770.

Sincerely,

Tammy H. Jones

Tammy H. Jones

Enclosures

pc: Linda Gaddy (w/enc.)

NOTICE OF PUBLIC HEARING
APPLICATION FOR
2014 COMMUNITY DEVELOPMENT BLOCK GRANT FUNDING
TOWN OF CHADBOURN

Notice is hereby given that the Chadbourn Board of Councilmen will conduct a Public Hearing on August 7, 2014 at 6:30 p.m. in the Chadbourn Town Hall concerning the intention of Chadbourn to apply for funding under the CDBG-I program.

The proposed project will provide upgrades to the Waste Water Treatment Plant, rehabilitate sanitary sewer lines to address inflow and infiltration and extend lines to areas with failing septic tanks. The total estimated CDBG-I program cost is \$3,000,000.000 which represents 100% of the total program costs. The total amount of funding available is \$26 million for water and sewer activities which must benefit at least 51% LMI persons and there will be no housing displacement and relocation.

The purpose of this public hearing is to notify citizens of the proposed application contents and receive comments relative to the proposed application contents. Formal written views concerning the application submitted to the Mayor's office will be responded to within ten (10) calendar days.

Esta información está disponible en español o cualquier otro lenguaje a petición. Póngase en contacto con Pat Garrell en 910-654-4148 o en 602 N Brown Street, Chadbourn NC 28431 de alojamiento para esta solicitud.

Fax Rector
Mayor
Town of Chadbourn
EEO Employer

COPY

TOWN OF CHADBOURN

WATER AUDIT & WATER LOSS REDUCTION
PROGRAM

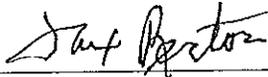
August 5, 2014

PREPARED BY:

The **ADAMS COMPANY**, Inc.

708 Abner Phillips Rd
Warsaw, NC 28398

Adopted August 7, 2014



Authorized Town Official

1. **Water Audit**

A water audit has been completed and attached as Appendix "An" entitled "Town of Chadbourn Water Loss Reduction Audit". Based on the well pumping reports, purchase water records, and monthly billing records from January 2013 - December 2013, the Town of Chadbourn lost an average of 29.1% of the groundwater it distributed. This loss equates to approximately \$493,730 of potential lost revenue during the evaluation period. A summary table and accompanying graph are attached showing the water production, consumption and loss trends during the period.

2. **Metering**

a. Percentage of connections that are metered:

- * Residential and Commercial Accounts -- 100% metered
- * Municipal and Government Buildings -- 100% metered
- * Contractors and Bulk Water -- 100% metered
- * Line Flushing -- 100% metered

The Town completed a radio frequency water metering project in 2012. This is a tremendous tool in helping identify usage and reducing the amount of water loss through old meters. However, there still exists a major problem with excessive water losses. Approximately 50 users outside of Town have the old style meters and these should be scheduled to be replaced.

b. Meter Replacement Program:

Currently the Town of Chadbourn does not have a structured meter replacement program in place; however all meters were replaced in 2012 except for approximately 50 meters which are outside of the Town limits. It is recommended that the Town establish a replacement policy now in order to limit the age of any meter in town to less than 20 years old. First, the 50 meters outside Town should be replaced. From that point it is recommended that in 5 years, the Town should begin replacing 50 meters per year. This program would create a replacement cycle such that each meter in Town would be replaced at least once every 15 years.

c. Large Meter Calibration Program:

Currently the Town has less than 10 meters that are larger than 1.5". Since the consumption from these meters are not considered large water users, it is recommended that Town calibrate the larger meters once every three years.

3. **Hidden Leak Detection and Repair:**

Based on the results of the included Water Audit a Hidden Leak Detection evaluation is needed.

a. The Town of Chadbourn provides maintenance of the Town's distribution system. The staff investigates and repairs any leaks that are found on the Town's distribution system. The table below shows the man-hours dedicated to repairing leaks during the period of July 2013 through August 2013.

Month/Year	Man Hours
7/8/13	8
7/12/13	2
7/23/13	2
7/30/13	3
8/2/13	4
8/5/13	6
8/7/13	2
8/15/13	2
8/19/13	6
8/26/13	3
8/28/13	5

- b. When a water leak is discovered in the Town's water distribution system by means of a Town Employee, The Rural Water Association, the Engineer, or from a customer's report, a typical response from the Town is to dispatch crews based a priority ranking system and to assess the leak to determine ownership (Customer or Town), severity, number of customers impacted, environmental damage, impact on water production of water quality.
- c. Below is a detailed list of repairs made by the Town during the months of July and August. A map has been included with this checklist showing the approximate locations of the repairs made during this time period. A list of 1 year would be too exhaustive to compile.

Date	Address	Correction	Man Hours
7/8/13	N Elm St	Main Line Repair	8
7/12/13	E. 2 nd St	Repair Leak	2
7/23/13	Chappin Trl Pk	Repair Leak	2
7/30/13	Crawford St	Repair Leak	3
8/2/13	E 4 th St	Repair Leak	4
8/5/13	Chappin St	Repair Hydrant	6
8/7/13	3 rd & N. Wilson	Repair Leak	2
8/15/13	Chappin St Trl Pk	Repair Leak	2
8/19/13	110 E. 4 th Ave	Repair Leak	3
8/26/13	116 Gram St	Repair Leak	1
8/26/13	W. Princess	Repair Leak	2
8/28/13	4 th Ave	Repair Leak	3
8/28/13	N. Wilkes St	Repair Leak	2

- d. When a confirmed water leak is discovered in the Town's water distribution system, action is taken by staff. If a leak is determined to be part of a larger deficiency on a given line, the Town will patch the leak until a time at which the Town has funds available to initiate a replacement project.
- e. The Town of Chadbourn takes an active approach when leaks are discovered in the water distribution system. Often water leaks from a 1/16" hole can produce 720 gallons/day or 21,600 gallons/month while a leak from a 1/8" hole can produce 2,880 gallons/day or 86,400 gallons/day.
- f. The Town should continue to work very closely with The Rural Water Association on an intensive leak detection program covering the entire Town. Mapping of the system should be included with this process.
4. **Line Location Services:**
- a. The Town of Chadbourn water system is not mapped based on the State Plan Coordinate System in a digital format. The only method of determining line locations are the old "as built" maps available in the Public Works Department. There would be a great advantage to have the system mapped on the State Plan Coordinate System.
5. **Valve Exercising**

The Town of Chadbourn currently has a structured valve exercising program; valves are scheduled to be exercised once every 6 months.

6. Additional Recommendations for Improving Water Loss

- * Install hour clocks and impulse counters on each well
- * Implement handheld meter reading on ±50 out-of-town meters
- * Perform connection audit every 3 years to include authorized/non-billed accounts
- * Compare the connection audit to the billing software data to ensure billing accuracy
- * Document Fire Department hydrant consumption
- * Compile pressure readings while hydrant flushing
- * Review/implement policies for customer leaks and adjustments
- * Evaluate the Customer Base Rate (Currently the Base Rate consists of 2,000 gallons)
- * Review/implement unauthorized consumption policies
- * Implement a water main replacement program-replace 2% annually
- * Hire a leak detection contractor and continue working with the Rural Water Association to periodically survey the distribution system for leaks

APPENDIX A

Town of Chadbourn Water Loss Reduction Audit

Chadbourn Water Leak Repairs – Map

TOWN OF CHADBOURN

WATER LOSS REDUCTION AUDIT

For the period of January 2013 - December 2013

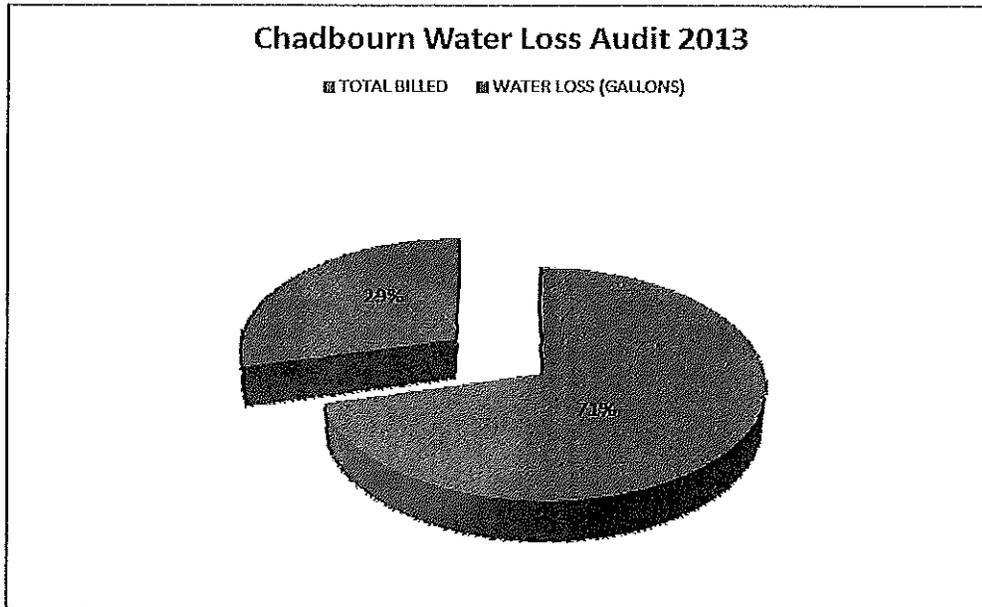
MONTH	WELL	Water Pumped		Water Billed			Difference in Total Pumped and Total Billed	
		GALLONS	TOTAL FROM ALL WELLS	IN TOWN	OUT OF TOWN	TOTAL BILLED	WATER LOSS (GALLONS)	WATER LOSS (PERCENTAGE)
JANUARY	1	2,483,218						
JANUARY	2	2,516,375	7,758,919	3,918,415	937,275	4,855,685	2,843,234	36.9%
JANUARY	4	2,701,322						
FEBRUARY	1	2,219,267						
FEBRUARY	2	2,459,001	6,639,432	4,413,793	1,176,095	5,599,843	1,039,589	15.7%
FEBRUARY	4	1,961,164						
MARCH	1	2,327,318						
MARCH	2	2,518,425	7,758,872	4,241,826	1,210,235	5,453,035	2,345,836	30.1%
MARCH	4	2,943,122						
APRIL	1	2,255,835						
APRIL	2	2,545,066	7,715,718	3,583,579	1,271,650	4,856,226	859,558	11.1%
APRIL	4	2,913,837						
MAY	1	2,537,896						
MAY	2	2,891,481	8,497,265	3,678,541	1,290,190	4,968,731	1,528,534	18.0%
MAY	4	3,064,855						
JUNE	1	2,392,542						
JUNE	2	3,038,543	8,648,807	4,716,982	1,221,857	5,938,839	2,709,968	31.3%
JUNE	4	3,217,324						
JULY	1	2,715,381						
JULY	2	3,354,724	9,246,432	3,002,469	1,419,700	4,422,169	2,824,283	30.5%
JULY	4	3,116,347						
AUGUST	1	2,539,605						
AUGUST	2	3,131,818	9,164,131	4,582,690	1,285,520	5,868,210	2,915,921	31.8%
AUGUST	4	3,492,764						
SEPTEMBER	1	4,700,437						
SEPTEMBER	2	5,247,841	15,550,342	4,709,745	1,333,360	6,043,105	9,507,237	61.1%
SEPTEMBER	4	5,602,004						

TOWN OF CHADBOURN
WATER LOSS REDUCTION AUDIT
 For the period of January 2013 - December 2013

SEPTEMBER	3	823,365						
OCTOBER	3	8,013,747	8,844,564	4,378,843	1,488,811	7,313,893	1,381,168	11.0%
NOVEMBER	4	4,933,447						
DECEMBER	3	1,217,640						
JANUARY	3	3,346,247	6,473,529	5,743,319	1,494,603	7,199,901	1,169,568	14.0%
FEBRUARY	4	3,418,433						
MARCH	1	1,213,604						
APRIL	2	2,815,979	7,822,852	4,616,064	1,154,576	5,590,636	1,943,226	24.0%
MAY	4	3,768,057						
TOTAL FOR YEAR 2013		35,132,473	37,122,674	32,179,818	12,016,923	28,122,895	4,922,144	17.3%

Notes:
 1. In Town and out of Town billing reports each a column for the months of June, October and December and are calculated based upon total billed amount.
 2. Amount in Town billing has been calculated based on of no apparent error in our logs.

1 of 2



COPY

CAPITAL IMPROVEMENT PLAN UPDATE TOWN OF CHADBOURN



PREPARED FOR:
Mayor Fax Rector

Council Members:

Donald Ray Bass
David Worley
Brian Edwards
Edwin Roberts
Rashad Roberts

Manager:
Stevie Cox

Fax Rector

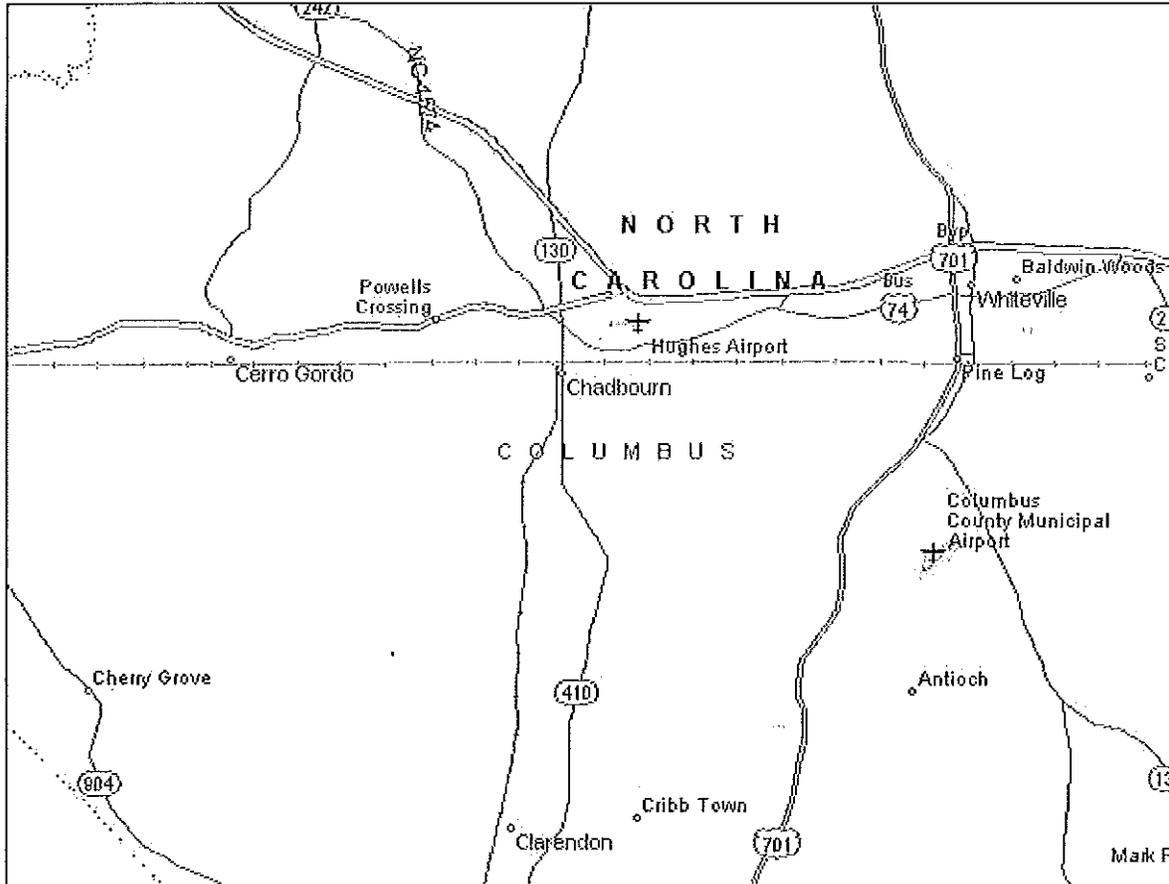
Approved *Mayor*

8/7/14
Date

Prepared by:
The **ADAMS COMPANY**, Inc.
708 Abner Phillips Rd
Warsaw, NC 28398
910-293-2770
910-296-2766 (fax)

BACKGROUND

The Town of Chadbourn lies in Columbus County, not far from the South Carolina border. The town lies near the intersection of NC Highway 74 and NC Highway 410. The town's population is 1,839 residents. The area is largely agricultural, but there are numerous small businesses along NC Highway 410, and a few small industries include a potato processing plant. An area map for Chadbourn is shown below:



Some common use facilities in the Chadbourn area are as follows:

Airports certified for carrier operations nearest to Chadbourn:

- MYRTLE BEACH INTL (about 46 miles; MYRTLE BEACH, SC; ID: MYR)
- FAYETTEVILLE REGIONAL/GRANNIS FIELD (about 46 miles; FAYETTEVILLE, NC; ID: FAY)
- POPE AFB (about 60 miles; FAYETTEVILLE, NC; ID: POB)

Other public-use airports nearest to Chadbourn:

- COLUMBUS COUNTY MUNI (about 10 miles; WHITEVILLE, NC; ID: CPC)
- BLADENBORO (about 17 miles; BLADENBORO, NC; ID: 3W6)
- GREEN SEA (about 17 miles; SC; ID: S79)

Colleges/universities with over 2000 students nearest to Chadbourn:

- HORRY-GEORGETOWN TECHNICAL COLLEGE (about 28 miles; CONWAY, SC; Full-time enrollment: 2,315)
- COASTAL CAROLINA UNIVERSITY (about 36 miles, CONWAY, SC; FT enrollment: 4,067)

- UNIVERSITY OF NORTH CAROLINA AT PEMBROKE (about 36 miles; PEMBROKE, NC; FT enrollment 3,506)
- FAYETTEVILLE STATE UNIVERSITY (about 50 miles; FAYETTEVILLE, NC; FT enrollment: 3,506)
- FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE (about 54 miles; FAYETTEVILLE, NC; FT enrollment 4,815)
- CAPE FEAR COMMUNITY COLLEGE (about 62 miles; WILMINGTON, NC; FT enrollment: 3,550)
- FRANCIS MARION UNIVERSITY (about 63 miles; WILMINGTON, NC; FT enrollment 3, 550)
- UNC WILMINGTON (about 45 miles, Wilmington, NC enrollment, 12,000)
- UNC PEMBROKE (about 45 miles, Pembroke, NC, enrollment: 5,827)
- Southeastern Community College (about 10 miles, Chadbourn, NC)

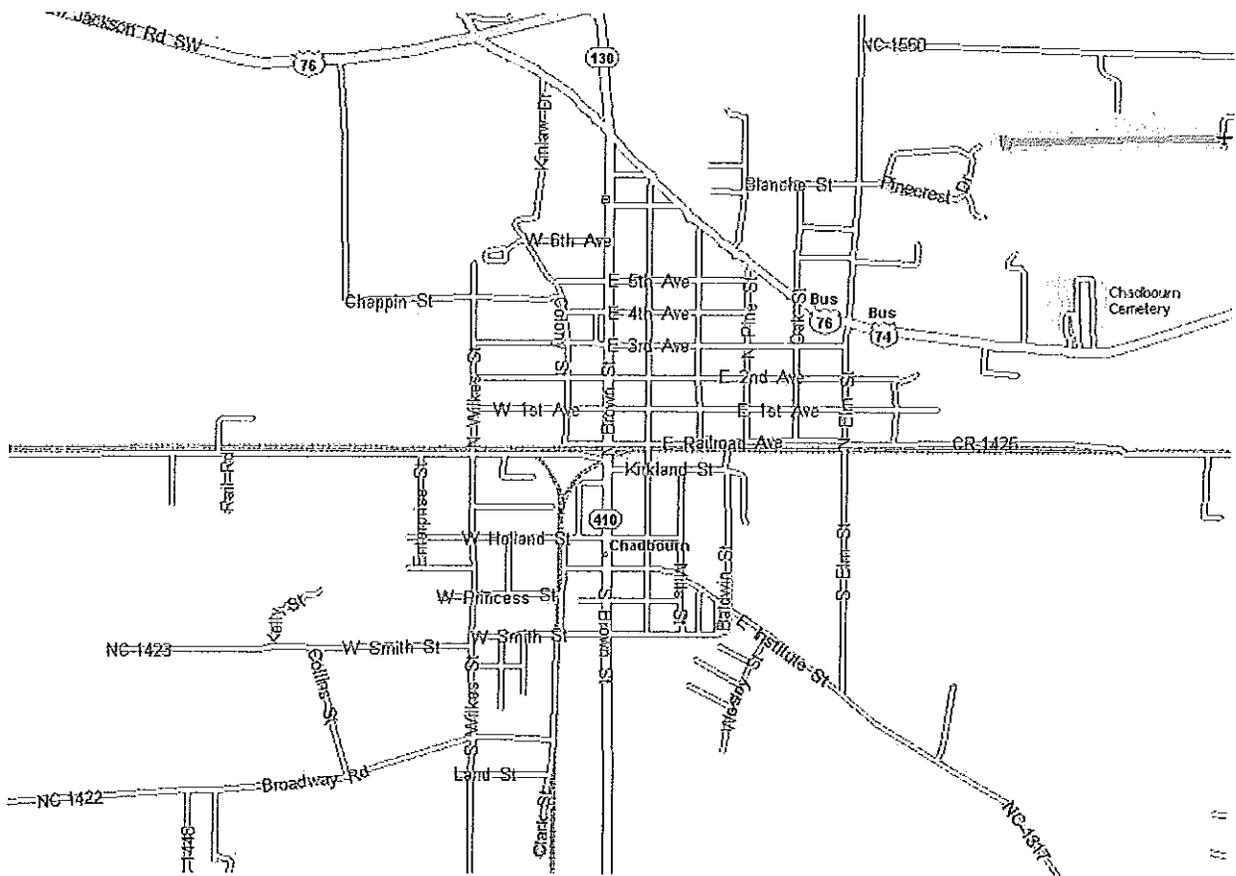
Public primary/middle schools in Chadbourn:

- CHADBOURN ELEMENTARY (Students: 395, Location: 409 E THIRD AVENUE; Grades: PK-04)
- CHADBOURN MIDDLE (Students: 296; Location: 801 W SMITH STREET; Grades: 05-08)

Chadbourn was named for a family of lumber merchants, and was incorporated in 1883. It is home to the annual Strawberry Festival, which attracts large numbers of tourists.

Chadbourn owns and operates its own water and sewer systems, which serve both in town and out of town customers.

A street map of Chadbourn is shown below:



DEMOGRAPHICS

From the census of 2010, it is estimated in 2012 that there were 1,839 people, 969 houses and 863 families residing the town. Land area of the town is 2.64 square miles at an average elevation of 107 feet. The population density was 696 persons per square mile. There were 969 housing units at an average density of 372.3 per square mile. The racial makeup of the town was 32.6% White, 57.9% African American, 2.7% Native American, 0.05% Asian, 0.03% from other races, and 0.6% from two or more races. Hispanic or Latino of any race was 5.8% of the population.

The population is made up of 760 males and 1,079 females. The median age is 39.5 years. The estimated median household income was \$18,807 and the estimated per capita income is \$12,472. The percentage of residents living in poverty is 32.8%. Average household size is 2.3 people.

Chadbourn statistics as compared to the State of North Carolina as a whole are shown below:

- Median household income is significantly below state average.
- Median house value is below state average.
- Black race population percentage is above state average.
- Median age is below state average.
- Foreign-born population percentage is significantly below state average.
- House age is above the state average.
- Percentage of population with a bachelor’s degree or higher is significantly below state average.

A population projection along with estimated water and sewer flows is as follows:

Year	Columbus County	Chadbourn	WATER/WASTERWATER FLOW (at 70 gallons/capita/day)	COMMERCIAL RESERVE	INDUSTRIAL RESERVE	TOTAL (gpd)
2012	58,098	1,839	128,730	27,585	15,632	171,947
2013	58,237	1,845	129,150	27,675	15,683	172,508
2014	58,375	1,850	129,500	27,750	15,725	172,975
2015	58,508	1,855	129,850	27,825	15,768	173,443
2016	58,628	1,860	130,200	27,900	15,810	173,910
2017	58,747	1,865	130,550	27,975	15,853	174,378
2018	58,866	1,869	130,830	28,035	15,887	174,752
2019	58,985	1,874	131,180	28,110	15,929	175,219
2020	59,101	1,878	131,460	28,170	15,963	175,593
2021	59,210	1,883	131,810	28,245	16,006	176,061
2022	59,319	1,887	132,090	28,305	16,040	176,435
2023	59,429	1,891	132,370	28,365	16,074	176,809
2024	59,537	1,895	132,650	28,425	16,108	177,183
2025	59,639	1,899	132,930	28,485	16,142	177,557
2026	59,721	1,903	133,210	28,545	16,176	177,931
2027	59,803	1,906	133,420	28,590	16,201	178,211
2028	59,885	1,909	133,630	28,635	16,227	178,492
2029	59,966	1,912	133,840	28,680	16,252	178,772

Chadbourn’s source of water is three wells, which in total can produce 933,000 gallons per day of water, according to the 2012 Water Supply Plan. Their waste water treatment plant has a permitted capacity of 1.0 MGD. Based on these capacities, Chadbourn should not have any problems with capacity in the near future.

Chadbourne does appear to have a significant inflow and/or infiltration contribution to their waste water stream, since the 2012 flows show an annual daily discharge of 364,000 gallons per day, which is almost twice what, would be predicted by their population. The maximum daily discharge reported was 532,000 gallons per day, which is almost 2.1 times as much as it should be. Clearly, there are some waste water problems left to resolve.

NEEDED WATER SYSTEM IMPROVEMENTS

KIRKLAND STREET WATER SYSTEM REPLACEMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
8" PVC Water Main	0	LF	\$15.00	\$0.00
6" PVC Water Main	1500	LF	\$18.00	\$27,000.00
2" PVC Water Main	0	LF	\$6.00	\$0.00
8" DIP Water Main	0	LF	\$30.00	\$0.00
6" DIP Water Main in Casing	150	LF	\$200.00	\$30,000.00
8" Gate Valve	0	EA	\$1,000.00	\$0.00
6" Gate Valve	2	EA	\$700.00	\$1,400.00
2" Gate Valve	0	EA	\$400.00	\$0.00
Fire Hydrants	2	EA	\$2,600.00	\$5,200.00
Service Connections with Meter	5	EA	\$600.00	\$3,000.00
Asphalt Repair	1000	SY	\$60.00	\$60,000.00
Driveway Repair	5	EA	\$500.00	\$2,500.00
Utility Crossings	20	EA	\$200.00	\$4,000.00
Sedimentation and Erosion Control	1	LS	\$5,000.00	\$5,000.00
Mobilization (3%)	1	LS	\$4,140.00	\$4,140.00
<i>CONSTRUCTION TOTAL</i>				<i>\$142,240.00</i>
Contingency (5%)				\$7,110.00
Engineering Design (10%)				\$26,777.00
Construction Observation (8%)				\$26,120.00
Grant Administration				\$20,000.00
Legal/Administrative (1%)				\$1,420.00
<i>PROJECT TOTAL</i>				<i>\$223,667.00</i>

COST OF NEW WATER TANK

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Site Work	1	LS	\$25,000.00	\$25,000.00
Piping to Site	1	LS	\$25,000.00	\$25,000.00
Construction of Tank	1	LS	\$300,000.00	\$300,000.00
Valves	2	EA	\$5,000.00	\$10,000.00
Level Control System	1	EA	\$10,000.00	\$10,000.00
Fencing and Gate	1	LS	\$10,000.00	\$10,000.00
Driveway Access	1	LS	\$5,000.00	\$5,000.00
Sedimentation and Erosion Control	1	LS	\$5,000.00	\$5,000.00
Mobilization (3%)	1	LS	\$11,700.00	\$11,700.00
PROJECT TOTAL				\$401,700.00
Contingency (5%)				\$20,090.00
Engineering Design (10%)				\$26,777.00
Construction Observation (8%)				\$26,120.00
Grant Administration				\$35,000.00
Legal/Administrative (1%)				\$4,020.00
PROJECT TOTAL				\$513,707.00

SUNNY SOUTH ROAD/ELM STREET WATER EXTENSION

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
6" PVC Water Main	2050	LF	\$18.00	\$36,900.00
6" DIP Water Main in Casing	200	LF	\$200.00	\$40,000.00
6" Gate Valve	5	EA	\$700.00	\$3,500.00
Fire Hydrants	4	EA	\$2,600.00	\$10,400.00
Service Connections with Meter	10	EA	\$600.00	\$6,000.00
Asphalt Repair	500	SY	\$60.00	\$30,000.00
Driveway Repair	5	EA	\$500.00	\$2,500.00
Utility Crossings	5	EA	\$200.00	\$1,000.00
Sedimentation and Erosion Control	1	LS	\$5,000.00	\$5,000.00
Mobilization (3%)	1	LS	\$4,060.00	\$4,060.00
CONSTRUCTION TOTAL				\$139,360.00
Contingency (5%)				\$6,970.00
Engineering Design (10%)				\$26,777.00
Construction Observation (8%)				\$26,120.00
Grant Administration				\$20,000.00
Legal/Administrative (1%)				\$1,390.00
PROJECT TOTAL				\$220,617.00

EMERGENCY GENERATOR @ WATER TANK

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Emergency generator package @ Water Tank	1	EA	\$7,500.00	\$7,500.00
Contingency	1	LS	10%	\$750.00
PROJECT TOTAL				\$8,250.00
Engineering Design (7.69%)				\$634.00
Resident Inspection (4.59%)				\$379.00
Construction Observation (5%)				\$413.00
Grant Administration (5%)				\$413.00
Legal Fees				\$1,000.00
Survey Fees				\$1,000.00
PROJECT TOTAL				\$12,089.00

ADDITIONAL NEEDED SEWER SYSTEM IMPROVEMENTS

WWTP and LINE REPLACEMENTS

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
8" Sanitary Sewer <6'	800	LF	\$40.00	\$32,000.00
8" Sewer, Ductile Iron, <6'	300	LF	\$65.00	\$19,500.00
8" Sewer, PVC, =>6'	7980	LF	\$50.00	\$399,000.00
12" Sewer, PVC, <6'	200	LF	\$50.00	\$10,000.00
12" Sewer, Ductile Iron, <6'	150	LF	\$89.00	\$13,350.00
12" Sewer, PVC, =>6'	2650	LF	\$60.00	\$159,000.00
4' Manhole, ,6'	5	EA	\$4,000.00	\$20,000.00
4' Manhole, =>6'	42	EA	\$6,000.00	\$252,000.00
Jack/Bore, 16" Sewer	500	LF	\$250.00	\$125,000.00
4" Sewer Serv. w/Clean-out	435	EA	\$1,000.00	\$435,000.00
Cut/Patch Concrete, 10'	600	LF	\$40.00	\$24,000.00
Cut/Patch Asphalt, 10'	4100	LF	\$35.00	\$143,500.00
Cut/Patch Concrete Sidewalk, 10"	490	LF	\$50.00	\$24,500.00
Cut/Patch Concrete Curb, 10"	500	EA	\$100.00	\$50,000.00
Construction Stake-out	1.3	LS	\$15,550.00	\$20,025.00
Seeding & Mulching	1.1	AC	\$2,000.00	\$2,200.00
Erosion Control Measures	1.3	LS	\$6,000.00	\$7,800.00
Insurance/Mobilization	1.3	LS	\$15,000.00	\$19,500.00
Replace Primary Basin Mixers	3	EA	\$40,000.00	\$120,000.00
Replace Clarifier Drive	1	EA	\$180,000.00	\$180,000.00
Repair/Rehab Concrete Wall	300	SY	\$400.00	\$120,000.00
Upsize Water Line to 6"	1000	LF	\$20.00	\$20,000.00
Fire Hydrant/Valves	1	EA	\$4,000.00	\$4,000.00
CONSTRUCTION TOTAL				\$2,200,375.00

Contingency	\$220,040.00
Technical	\$377,585.00
Permits	\$2,000.00
Grant Administration	\$300,000.00
PROJECT TOTAL	\$3,100,000.00

N BROWN STREET SEWER REPAIR

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Replace/Rehab 4' Dia. Manhole	6	EA	\$3,000.00	\$18,000.00
Replace/Rehab 8' PVC Sewer	2150	LF	\$50.00	\$107,500.00
8" CL350 MJ DIP (In Casing)	100	LF	\$200.00	\$20,000.00
Point Repairs	4	EA	\$2,000.00	\$8,000.00
Service Tap Replace/Rehab	40	EA	\$550.00	\$22,000.00
Sewer Main - Heavy Grease Cing/Root Cut.	2250	LF	\$3.00	\$6,750.00
Sewer main - Standard Cleaning	2250	LF	\$3.50	\$7,875.00
Sewer Main - CCTV Inspection	2250	LF	\$1.00	\$2,250.00
Sewer main - Protruding Tap Removal	5	EA	\$750.00	\$3,750.00
Asphalt Repair	2500	SY	\$60.00	\$150,000.00
Asphalt Driveway Repair	20	SY	\$35.00	\$700.00
Concrete Driveway Repair	15	SY	\$35.00	\$525.00
Gravel Driveway Repair	15	TONS	\$30.00	\$450.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding & Mulching	0.5	AC	\$5,000.00	\$2,500.00
Pipe Bedding (NCDOT #57)	150	TONS	\$50.00	\$7,500.00
8"x4" In-Line PVC Wye	10	EA	\$100.00	\$1,000.00
4" Sch. 40 PVC - 1/8 Bend	10	EA	\$30.00	\$300.00
4" Sch. 40 PVC Pipe	120	LF	\$10.00	\$1,200.00
4" Sch. 40 PVC Comb. Wye	10	EA	\$50.00	\$500.00
4" Sch. 40 PVC Cleanout w/Plug	10	EA	\$30.00	\$300.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$10,840.00
CONSTRUCTION TOTAL				\$372,160.00
Contingency (5%)				\$18,610.00
Engineering Design (10%)				\$37,220.00
Construction Observation (8%)				\$29,770.00
Grant Administration				\$40,000.00
Legal/Administration (1%)				\$3,720.00
PROJECT TOTAL				\$501,480.00

S BROWN STREET SEWER REPAIR

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Replace/Rehab 4' Dia. Manhole	6	EA	\$3,000.00	\$18,000.00
Replace/Rehab 8' PVC Sewer	1250	LF	\$50.00	\$62,500.00
8" CL350 MJ DIP (In Casing)	100	LF	\$200.00	\$20,000.00
Point Repairs	4	EA	\$2,000.00	\$8,000.00
Service Tap Replace/Rehab	20	EA	\$550.00	\$11,000.00
Sewer Main - Heavy Grease Cing/Root Cut.	1350	LF	\$3.00	\$4,050.00
Sewer main - Standard Cleaning	1350	LF	\$3.50	\$4,725.00
Sewer Main - CCTV Inspection	1350	LF	\$1.00	\$1,350.00
Sewer main - Protruding Tap Removal	5	EA	\$750.00	\$3,750.00
Asphalt Repair	1500	SY	\$60.00	\$90,000.00
Asphalt Driveway Repair	10	SY	\$35.00	\$350.00
Concrete Driveway Repair	10	SY	\$35.00	\$350.00
Gravel Driveway Repair	10	TONS	\$30.00	\$300.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding & Mulching	0.5	AC	\$5,000.00	\$2,500.00
Pipe Bedding (NCDOT #57)	150	TONS	\$50.00	\$7,500.00
8"x4" In-Line PVC Wye	10	EA	\$100.00	\$1,000.00
4" Sch. 40 PVC - 1/8 Bend	10	EA	\$30.00	\$300.00
4" Sch. 40 PVC Pipe	120	LF	\$10.00	\$1,200.00
4" Sch. 40 PVC Comb. Wye	10	EA	\$50.00	\$500.00
4" Sch. 40 PVC Cleanout w/Plug	10	EA	\$30.00	\$300.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$7,140.00
CONSTRUCTION TOTAL				\$245,035.00
Contingency (5%)				\$12,250.00
Engineering Design (10%)				\$24,500.00
Construction Observation (8%)				\$19,600.00
Grant Administration				\$40,000.00
Legs/Administration (1%)				\$2,450.00
PROJECT TOTAL				\$343,835.00

ELM S STREET SEWER REPAIR

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Replace/Rehab 4' Dia. Manhole	3	EA	\$3,000.00	\$9,000.00
Replace/Rehab 8' PVC Sewer	1400	LF	\$50.00	\$70,000.00
8" CL350 MJ DIP (In Casing)	100	LF	\$200.00	\$20,000.00
Point Repairs	4	EA	\$2,000.00	\$8,000.00
Service Tap Replace/Rehab	10	EA	\$550.00	\$5,500.00
Sewer Main - Heavy Grease Cing/Root Cut.	1500	LF	\$3.00	\$4,500.00
Sewer main - Standard Cleaning	1500	LF	\$3.50	\$5,250.00
Sewer Main - CCTV Inspection	1500	LF	\$1.00	\$1,500.00
Sewer main - Protruding Tap Removal	5	EA	\$750.00	\$3,750.00
Asphalt Repair	1500	SY	\$60.00	\$90,000.00
Asphalt Driveway Repair	4	SY	\$35.00	\$140.00
Concrete Driveway Repair	3	SY	\$35.00	\$105.00
Gravel Driveway Repair	3	TONS	\$30.00	\$90.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding & Mulching	0.25	AC	\$5,000.00	\$1,250.00
Pipe Bedding (NCDOT #57)	150	TONS	\$50.00	\$7,500.00
8"x4" In-Line PVC Wye	10	EA	\$100.00	\$1,000.00
4" Sch. 40 PVC - 1/8 Bend	10	EA	\$30.00	\$300.00
4" Sch. 40 PVC Pipe	120	LF	\$10.00	\$1,200.00
4" Sch. 40 PVC Comb. Wye	10	EA	\$50.00	\$500.00
4" Sch. 40 PVC Cleanout w/Plug	10	EA	\$30.00	\$300.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$6,900.00
CONSTRUCTION TOTAL				\$237,005.00
Contingency (5%)				\$11,850.00
Engineering Design (10%)				\$23,700.00
Construction Observation (8%)				\$18,960.00
Grant Administration				\$40,000.00
Legal/Administration (1%)				\$2,370.00
PROJECT TOTAL				\$333,885.00

CHADBOURN HIGHWAY EAST SEWER EXTENSIONS

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
4' Dia. Manhole	10	EA	\$3,000.00	\$30,000.00
8' PVC Sewer	2800	LF	\$50.00	\$140,000.00
8" CL350 MJ DIP (In Casing)	200	LF	\$200.00	\$40,000.00
Asphalt Repair	500	SY	\$60.00	\$30,000.00
Asphalt Driveway Repair	4	SY	\$35.00	\$140.00
Concrete Driveway Repair	3	SY	\$35.00	\$105.00
Gravel Driveway Repair	3	TONS	\$30.00	\$90.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding	0.25	AC	\$5,000.00	\$1,250.00
Pipe Bedding (NCDOT #57)	300	TONS	\$50.00	\$15,000.00
8"x4" In-Line PVC Wye	20	EA	\$100.00	\$2,000.00
4" Sch. 40 PVC - 1/8 Bend	20	EA	\$30.00	\$600.00
4" Sch. 40 PVC Pipe	360	LF	\$10.00	\$3,600.00
4" Sch. 40 PVC Comb. Wye	20	EA	\$50.00	\$1,000.00
4" Sch. 40 PVC Cleanout w/Plug	20	EA	\$30.00	\$600.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$7,940.00
CONSTRUCTION TOTAL				\$272,545.00
Contingency (5%)				\$13,630.00
Engineering Design (10%)				\$27,250.00
Construction Observation (8%)				\$21,800.00
Grant Administration				\$30,000.00
Legal/Administration (1%)				\$2,730.00
PROJECT TOTAL				\$367,955.00

DOGWOOD/JOYNER/HUFFMAN STREET IMPROVEMENTS

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
4' Dia. Manhole	8	EA	\$3,000.00	\$24,000.00
8' PVC Sewer	2000	LF	\$50.00	\$100,000.00
8" CL350 MJ DIP (In Casing)	50	LF	\$200.00	\$10,000.00
Asphalt Repair	500	SY	\$60.00	\$30,000.00
Asphalt Driveway Repair	4	SY	\$35.00	\$140.00
Concrete Driveway Repair	3	SY	\$35.00	\$105.00
Gravel Driveway Repair	3	TONS	\$30.00	\$90.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding	0.25	AC	\$5,000.00	\$1,250.00
Pipe Bedding (NCDOT #57)	250	TONS	\$50.00	\$12,500.00
8"x4" In-Line PVC Wye	30	EA	\$100.00	\$3,000.00
4" Sch. 40 PVC - 1/8 Bend	30	EA	\$30.00	\$900.00
4" Sch. 40 PVC Pipe	480	LF	\$10.00	\$4,800.00
4" Sch. 40 PVC Comb. Wye	30	EA	\$50.00	\$1,500.00
4" Sch. 40 PVC Cleanout w/Plug	30	EA	\$30.00	\$900.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$5,680.00
CONSTRUCTION TOTAL				\$195,085.00
Contingency (5%)				\$9,750.00
Engineering Design (10%)				\$19,510.00
Construction Observation (8%)				\$15,610.00
Grant Administration				\$20,000.00
Legal/Administration (1%)				\$1,950.00
PROJECT TOTAL				\$261,905.00

AREA 2 SEWER IMPROVEMENTS (2nd Avenue/Colony/Blake Road)

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
4' Dia. Manhole	35	EA	\$3,000.00	\$105,000.00
8' PVC Sewer	8700	LF	\$50.00	\$435,000.00
8" CL350 MJ DIP (In Casing)	300	LF	\$200.00	\$60,000.00
Asphalt Repair	3000	SY	\$60.00	\$180,000.00
Asphalt Driveway Repair	5	SY	\$35.00	\$175.00
Concrete Driveway Repair	5	SY	\$35.00	\$175.00
Gravel Driveway Repair	5	TONS	\$30.00	\$150.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding	0.5	AC	\$5,000.00	\$2,500.00
Pipe Bedding (NCDOT #57)	500	TONS	\$50.00	\$25,000.00
8"x4" In-Line PVC Wye	15	EA	\$100.00	\$1,500.00
4" Sch. 40 PVC - 1/8 Bend	15	EA	\$30.00	\$450.00
4" Sch. 40 PVC Pipe	250	LF	\$10.00	\$2,500.00
4" Sch. 40 PVC Comb. Wye	15	EA	\$50.00	\$750.00
4" Sch. 40 PVC Cleanout w/Plug	15	EA	\$30.00	\$450.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$24,420.00
CONSTRUCTION TOTAL				\$838,290.00
Contingency (5%)				\$41,910.00
Engineering Design (10%)				\$83,830.00
Construction Observation (8%)				\$67,060.00
Grant Administration				\$20,000.00
Legal/Administration (1%)				\$8,380.00
PROJECT TOTAL				\$1,059,470.00

AREA 3 SEWER IMPROVEMENTS (Tommy Wooten, Blanch. Sunny South, Railroad)

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
4' Dia. Manhole	28	EA	\$3,000.00	\$84,000.00
8' PVC Sewer	6700	LF	\$50.00	\$335,000.00
8" CL350 MJ DIP (In Casing)	300	LF	\$200.00	\$60,000.00
Asphalt Repair	2500	SY	\$60.00	\$150,000.00
Asphalt Driveway Repair	10	SY	\$35.00	\$350.00
Concrete Driveway Repair	10	SY	\$35.00	\$350.00
Gravel Driveway Repair	10	TONS	\$30.00	\$300.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding	0.5	AC	\$5,000.00	\$2,500.00
Pipe Bedding (NCDOT #57)	500	TONS	\$50.00	\$25,000.00
8"x4" In-Line PVC Wye	20	EA	\$100.00	\$2,000.00
4" Sch. 40 PVC - 1/8 Bend	20	EA	\$30.00	\$600.00
4" Sch. 40 PVC Pipe	250	LF	\$10.00	\$2,500.00
4" Sch. 40 PVC Comb. Wye	20	EA	\$50.00	\$1,000.00
4" Sch. 40 PVC Cleanout w/Plug	20	EA	\$30.00	\$600.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$19,930.00
CONSTRUCTION TOTAL				\$684,350.00
Contingency (5%)				\$34,220.00
Engineering Design (10%)				\$68,440.00
Construction Observation (8%)				\$54,750.00
Grant Administration				\$20,000.00
Legal/Administration (1%)				\$6,840.00
PROJECT TOTAL				\$868,600.00

GRIST/WILKES SEWER REPAIR

ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
Replace/Rehab 4' Dia. Manhole	10	EA	\$3,000.00	\$30,000.00
Replace/Rehab 8' PVC Sewer	2800	LF	\$50.00	\$140,000.00
8" CL350 MJ DIP (In Casing)	200	LF	\$200.00	\$40,000.00
Point Repairs	5	EA	\$2,000.00	\$10,000.00
Service Tap Replace/Rehab	25	EA	\$550.00	\$13,750.00
Sewer Main - Heavy Grease Cing/Root Cut.	1400	LF	\$3.00	\$4,200.00
Sewer main - Standard Cleaning	1400	LF	\$3.50	\$4,900.00
Sewer Main - CCTV Inspection	1400	LF	\$1.00	\$1,400.00
Sewer main - Protruding Tap Removal	5	EA	\$750.00	\$3,750.00
Asphalt Repair	3500	SY	\$60.00	\$210,000.00
Asphalt Driveway Repair	8	SY	\$35.00	\$280.00
Concrete Driveway Repair	8	SY	\$35.00	\$280.00
Gravel Driveway Repair	8	TONS	\$30.00	\$240.00
Silt Fencing	10	LF	\$20.00	\$200.00
Seeding & Mulching	0.5	AC	\$5,000.00	\$2,500.00
Pipe Bedding (NCDOT #57)	100	TONS	\$50.00	\$5,000.00
8"x4" In-Line PVC Wye	10	EA	\$100.00	\$1,000.00
4" Sch. 40 PVC - 1/8 Bend	10	EA	\$30.00	\$300.00
4" Sch. 40 PVC Pipe	120	LF	\$10.00	\$1,200.00
4" Sch. 40 PVC Comb. Wye	10	EA	\$50.00	\$500.00
4" Sch. 40 PVC Cleanout w/Plug	10	EA	\$30.00	\$300.00
4" FERNCO Coupling	1	EA	\$20.00	\$20.00
Mobilization (3% Max)	1	EA	\$0.03	\$14,090.00
CONSTRUCTION TOTAL				\$483,910.00
Contingency (5%)				\$24,200.00
Engineering Design (10%)				\$48,390.00
Construction Observation (8%)				\$38,710.00
Grant Administration				\$40,000.00
Legal/Administration (1%)				\$4,840.00
PROJECT TOTAL				\$640,050.00

RECOMMENDATIONS

The WWTP and sewer line rehabilitation project is a major undertaking that will solve a lot of infrastructure problems in the Town of Chadbourn. The old sewer lines have been videoed and the results have confirmed major infiltration, cracks, roots, misaligned pipe and many other problems associated with aging sewer lines. The increased flow has stressed the old WWTP and it has gone too many years without receiving proper maintenance to keep it in top running condition. There is a pressing need to replace sewer lines in various locations in Town and to upgrade the ±30 year old WWTP.

The First Avenue water and sewer replacement project is high priority due to the age and condition of the lines and its location. First Avenue is in central to the oldest part of town, and lies adjacent to the main railroad line. These are among the oldest lines in Chadbourn, and have been subject to the most traffic loadings and vibrations from the railroad line. These lines serve the downtown businesses and residences, and any resurgence in the area will need to be supported by a sound infrastructure system. It will be more cost effective to replace both the water and sewer lines at one time, such that the street surface and other utilities will only have to be disturbed once. Once both water and sewer lines have been repaired and the surface of the street has been restored, then First Avenue should be in good shape for many years to come.

The remainder of the projects listed in this report all have fairly high priority. Chadbourn still has many aging water and sewer lines, and also has some needs regarding upgrading the capacity of lines in some areas. Chadbourn was established in 1883, and as with many older towns the pattern of growth is not what was originally thought. As Chadbourn grows outward, many of the peripheral lines in town are no longer large enough to supply current demands. Also, smaller feeder and collector lines central to downtown now are required to support larger lines. Southeastern Community College lies ten minutes east of Chadbourn, and is trying to support a growing population. Businesses are moving closer to NC Highway 74, and the highway itself is scheduled to be upgraded to interstate status. Chadbourn desperately needs some businesses to come into the area and provide jobs and opportunities, but will need to be able to support the needs of businesses for the future as well as their existing customers.

Chadbourn needs to apply for public assistance funding for water and sewer needs through, the Clean Water Management Trust Fund, CDBG Infrastructure, and other opportunities as they become available. Columbus County is a Tier 1 county for being economically distressed, which means they have the highest possible priority for funding. Obtaining such funding allows the town to make needed repairs and improvements while keeping utility rates to existing customers reasonable. Needed repairs also help to prevent water and sewer leaks and line breaks, which protects water quality and can help avoid serious health problems. The Town should make applications for needed projects in every funding cycle possible until such time as all needed projects have been completed, or until the water and sewer capital funds are such that the town can afford to make improvements without assistance.

**CAPITAL IMPROVEMENT
PROJECTS
WATER AND WASTE
WATER**

TOWN OF CHADBOURN

Year	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/2020
WASTE WATER PROJECTS							
WWTP and Line Replacements	\$0.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00
N. Brown Street Sewer Repair	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
S. Brown Street Sewer Repair	\$0.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Elm Street Sewer Repair	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Chadbourn Highway East Sewer Extensions	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
Dogwood/Joyner/Huffman Street Improvements	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
2nd Avenue/Colony/Blake Road Improvements	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
Wooten/Blanch/Sunny South/Railroad Improvements	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Grist/Wilkes Sewer Replacement	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
TOTAL WASTEWATER	\$115,000.00	\$165,000.00	\$90,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
WATER IMPROVEMENT PROJECTS							
New Water Tank	\$0.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
Emergency Generator - Existing Water Tank	\$0.00	\$12,809.00	\$0.00	\$0.00	\$0.00	\$0.00	
Kirkland Street Water System Replacement	\$0.00	\$0.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
Sunny South/Elm Street Water Extension	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Water System Study	\$0.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL WATER	\$1,000.00	\$113,809.00	\$91,000.00	\$91,000.00	\$91,000.00	\$91,000.00	\$41,000.00
TOTAL WATER AND SEWER IMPROVEMENTS	\$116,000.00	\$278,809.00	\$181,000.00	\$131,000.00	\$131,000.00	\$131,000.00	\$81,000.00

END OF THE CHADBOURN UPDATED CAPITAL IMPROVEMENT PLAN:

After much discussion by Council, Councilmember Rashad Roberts made a motion to approve the Chadbourn Updated Capital Improvement Plan. Councilmember Edwin Roberts seconded the motion. The motion carried with a vote of 3 - 0.

**3. Approval of the Submission of the 2014 Community Development Block Grant (CDBG) Funding Application.
Presented by Stevie Cox, Town Manager**

Mr. Cox is requesting Council to vote on the submission of the 2014 Community Development Block Grant (CDBG) Funding Application.

After much discussion by Council, Councilmember Rashad Roberts made a motion to approve the submission of the 2014 Community Development Block Grant (CDBG). Councilmember Edwin Roberts seconded the motion. The motion carried with a vote of 3 - 0.

Attachment 2

RESOLUTION BY GOVERNING BODY OF APPLICANT

WHEREAS, Title I of the Federal Housing and Community Development Act of 1974, as amended, has established the U.S. Housing and Urban Development (HUD) Community Development Block Grant (CDBG) Program, and has authorized the making of grants to aid eligible units of government in funding the cost of construction; replacement, or rehabilitation of water and wastewater infrastructure, and that the North Carolina Department of Environment & Natural Resources (NCDENR) Division of Water Infrastructure (DWI) was delegated the authority by the state legislature to administer the water and wastewater infrastructure portion of the state grant monies received from the U.S.HUD CDBG program by Session Law 2013-360, Section 15.15(a) as amended by Section 5.3 of Session Law 2013-363, and

WHEREAS, The Town of Chadbourn has need for and intends to provide upgrades to the Waste Water Treatment Plant and rehabilitate sanitary sewer lines to address inflow and infiltration.

WHEREAS, The Town of Chadbourn intends to request state grant assistance for the project,

NOW THEREFORE BE IT RESOLVED, BY THE COUNCILMEN OF THE TOWN OF CHADBOURN:

That Town of Chadbourn, the **Applicant**, will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system.

That the **Applicant** will provide for efficient operation and maintenance of the project on completion of construction thereof.

That Fax Rector, Mayor, the **Authorized Official**, and successors so titled, is hereby authorized to execute and file an application on behalf of the **Applicant** with the State of North Carolina for a grant to aid in the construction of the project described above.

That the **Authorized Official**, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

That the **Applicant** has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the August 7, 2014 at Chadbourn, North Carolina.



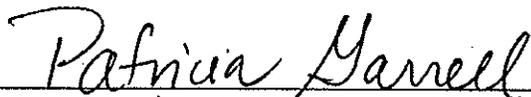
(Signature of Chief Executive Officer)

Fax Rector, Mayor

(Title)

CERTIFICATION BY RECORDING OFFICER

The undersigned duly qualified and acting Clerk of the Town of Chadbourn does hereby certify: That the above/attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the Town of Chadbourn duly held on the 7th day of August, 2014; and, further, that such resolution has been fully recorded in the journal of proceedings and records in my office. IN WITNESS WHEREOF, I have hereunto set my hand this 7th day of August, 2014.



(Signature of Recording Officer)

Patricia Garrell, Town Clerk

(Title of Recording Officer)

DISCLOSURE REPORT

1. Applicant/Recipient Name, Address, and Phone:
Town of Chadbourn
602 N. Brown Street
Chadbourn, NC 28431
910-654-4148
2. Check One: Initial Report Update Report
3. Social Security Number or Employer ID Number: 56-6001198
4. Project Name and Location:
Chadbourn Sewer System Improvements
Chadbourn, NC -- Columbus County
5. Total Amount requested/received (including anticipated program income):
\$3,000,000.00
6. Other government assistance. Check One:

No other government assistance is, or is expected to be, provided for this project

All other government assistance provided for this project is listed on the attached page(s).

(Note: Disclosures must be complete and accurate, but need to be made only once for this report. If assistance is reported in the Sources and Uses disclosure section, then it need not also be reported here. If there is assistance reportable here, but reported only in the Sources and Uses disclosure, check here:

Assistance is disclosed in Sources and Uses Attachments

Agency Name and Address	Program and Type of Assistance	Amount Requested/Received

7. Interested Parties. Check One:

No parties have a reportable financial interest in this project. Interested parties include developers, contractors, consultants, individuals, entities including units of government with a financial interest greater than \$50,000 or 10 percent of the assistance (whichever is lower;

being a party to a contract procured under Federal procurement regulations at 24 CFR Part 85 does not, by itself, constitute a reportable financial interest).

All parties with a reportable financial interest are listed on the attached page(s).

<u>Name and Address</u>	<u>Type of Participation</u>	<u>Interest (\$ and %)</u>
Town of Chadbourn	Grant	\$100,000/3%
602 N Brown St		
Chadbourn, NC 28431		

8. All expected sources of funds available or expected to be available for the project or activity and all reportable uses of funds are included in the application for funds and on the following forms (check all that apply):

CDBG PROJECT BUDGET

CDBG LOCAL COMMITMENT FORM

_____ Other Attachment(s). Describe: _____

9. Certification:

I hereby certify that all information in this report and its attachments is true and complete.


Signature Fax Rector, Mayor

8/7/14
Date

ATTACHMENT 8
CONFLICT OF INTEREST CHECKLIST CERTIFICATION

To assist applicants with determining if a potential conflict of interest exists, as defined in 24 CFR Part 570.489 (h), please provide responses to the following questions. For any "yes" response, refer to Bulletin 10-8 for next steps.

1. Does any person involved with this potential CDBG project have family or business ties with any of the local government elected officials or local government staff?

NO

2. Has any person involved with this potential CDBG project requested or received an opinion about a potential conflict of interest from an attorney or from the North Carolina Ethics Commission?

NO

3. Does any person involved with this potential CDBG project have an ownership interest in an entity that is directly affected by activities proposed in the application?

NO

4. Will any person involved with this potential CDBG project derive any income or commission as a direct result of action taken by the local government elected board or its staff?

NO

Name of Chief Elected Official Fax Rector

Title Mayor

Signature 

Date August 7, 2014

CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

Applicants should refer to the regulations cited below. Applicants should also review the instructions for certification included in the regulations before completing this form, signature on this form provides for compliance with certification requirements implementing Federal Executive Order 12549 and guidance issued in the *Federal Register*, Volume 70, No. 168, pages 51863 through 51880 for "Government wide Debarment and Suspension (Nonprocurement)." The certification shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant or cooperative agreement.

As required by Executive Order 12549, Debarment and Suspension, for prospective participants in primary covered transactions:

- 1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by a Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.
- 2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification(s).

Name of Applicant/Grantee Town of Chadbourn	Grant Number and Project Name Chadbourn Sewer System Improvements
Printed Name and Title of Authorized Representative Fax Rector, Mayor	
 Signature	Date August 7, 2014

Citizen Participation Plan

This plan describes how the Town of Chadbourn involve citizens in the planning, implementation and assessment of the Community Development Block Grant (CDBG) program. The funds must be used for projects which benefit low and moderate-income persons and aids in the elimination and prevention of slums and blight. The program is intended to assist governments in understanding neighborhood improvement programs. The regulations give ultimate responsibility for the design and implementation of the program to local elected officials and also require that citizens be given an opportunity to serve in a key advisory role to these elected officials.

SCOPE OF CITIZEN PARTICIPATION

Citizens will be involved in all stages of the CDBG program, including program implementation, assessment of performance and design of changes in the Citizen Participation Plan. There will be three (3) general mechanisms for their involvement:

1. To serve as an advisory committee to the project;
2. To attend or hold public hearings or community meetings; and
3. To provide individual citizen efforts in the form of comments, complaints or inquiries submitted directly to the Program Administrators or designated Town official.

PROGRAM IMPLEMENTATION

Citizen participation in program implementation will occur primarily through consultation with the Town. The Town will be asked to review and comment on specific guidelines for approved projects. They will also meet to review any program amendments, budget revisions and program modifications. All such changes will be discussed with the Town and their comments considered prior to taking action. If program amendments require approval from the North Carolina Department of Commerce, a public hearing shall be held specifically on the amendment. Citizens may also be involved in implementation of projects specifically requiring citizen participation, such as self-help projects. Their roles will be defined as the project develops. Technical assistance will be available as needed.

PROGRAM ASSESSMENT

Program assessment activities by citizens will occur in a variety of ways. A performance hearing will be held thirty to sixty (30 to 60) days prior to the start of planning for the next program year. The Program Amendment will be asked to provide citizen commentary for the Grantee Performance Report.

As a part of the orientation to the program offered at the public hearing, citizens will be invited to submit comments on all aspects of program performance through the program year. Comments should be submitted in writing to the Manager. He will respond in writing within ten (10) days. If the response is unsatisfactory, the complainant should write directly to the Mayor. He shall respond within ten (10) days.

If the citizen is still dissatisfied, he/she should write to the NC Department of Commerce, Community Investment, 4313 Mail Service Center, Raleigh, NC 27699-4313, Attention: Citizen Participation Matter. Program staff will also be available during normal business hours to respond to any citizen inquiries or complaints at 919-571-4900.

The Citizen Participation Plan will be subject to annual review and proposed revision, to occur in the period between the performance hearing and the public hearing on the subsequent year's application.

TECHNICAL ASSISTANCE

Technical Assistance will be provided to citizen organizations and groups of low/moderate income persons or target area residents upon request to Town of Chadbourn. Such assistance will support citizen efforts to develop proposals, define policy and organize for the implementation of the program. It is expected that such assistance will be provided directly to the Town in response to their request. Assistance could be provided in the form of local presentations, informational handouts, research of a specific issue or other short-term efforts.

PUBLIC INFORMATION

The Town of Chadbourn will also undertake public information efforts to promote citizen participation. These efforts will include the following:

1. Public Notice of all Public Hearings will be published in the non-legal section of the local newspaper at least ten (10) days before the scheduled hearing. These notices will indicate the date, time, location and topics to be considered. These notices will also be made available in the form of press releases, as a public service announcement to local radio stations and will be provided to churches within the target area of distribution.
2. Orientation Information will be provided at the first public hearing. The Program Administrator(s) will make a presentation which covers: (a) the total amount of CDBG funds available and the competitive basis for award; (b) the range of eligible activities; (c) the planning process and the schedule of meetings and hearings; (d) the role of citizens in the program and (e) a summary of other program requirements, such as the environmental policies, fair housing provisions and contracting procedures.
3. A Public File containing program documentation will be available for review at the Town during normal business hours. Included will be copies of the Application, Environmental Review Record, the Citizen Participation Plan and the Annual Performance Report. Other program documents are also available for citizen review on request at the Town consistent with applicable State and local laws regarding personal privacy and obligations of confidentiality.
4. Public Hearings an interpreter will be provided for all non-English speaking individuals and/or deaf individuals.

ADOPTED, this the 7th day of August, 2014.



Jay Rector, Mayor

Attachment 6a- COST EFFECTIVENESS DOCUMENTATION

A. Reasonableness of Cost

1. The State of North Carolina is divided into the following three regions: (1) East, (2) Central, (3) West.

Please consult the instructions to determine the correct region for your locality.

Indicate in what region of the state the applicant is located: 1-East

2. Enter the requested information in the columns below. See the instructions on how to figure the prorated administration amount for each activity being undertaken. Only dwelling units funded partially or totally with CDBG funds should be counted.

Activity	Activity Line Item Budget Amount	+	Prorated Amount from Administration Line Item	=	Total Amount for Activity	÷	Number of Units	=	Average Cost of Activity
Water									
Sewer	2,700,000		300,000		3,000,000		759		3,953

Budget Page k. SUBTOTAL (Column 5)	2,700,000
------------------------------------	-----------

B. Project Impact

Water

- 1) \$ _____ CDBG ÷ _____ Persons = \$ _____ /Person
- 2) \$ _____ CDBG ÷ _____ LMI Persons = \$ _____ /LMI
- 3) LMI % (Persons) = _____ %

Sewer

- 1) \$ 2,700,000 CDBG ÷ 2,129 Persons = \$1,268/Person
- 2) \$ 2,700,000 CDBG ÷ 1,224 LMI Persons = \$2,206/LMI
- 3) LMI % (Persons) = 57.5%

C. Cost of Project

Activity	Source of Estimate	Source's Experience
❖ Water		
❖ Wastewater	M. Floyd Adams, P.E.	30 years Engineering Experience

Attachment 6b - COMMITMENT OF OTHER FUNDS FORM

for the

Community Development Block Grant-Infrastructure Program

Legal Name of Applicant / Unit: Town of Chadbourn County: Columbus

Mailing Address: 602 N Brown Street Street Address: 602 N Brown Street

City: Chadbourn State: NC Zip: 28431

Project Title: SEWER SYSTEM IMPROVEMENTS

Indicate the sources, amounts and dates of availability (use abbreviation table below to complete 'Source' column). Clearly identify the sources of *Private* and *Other* funds. Provide a copy of correspondence indicating commitment of these funds with the application.

Source (Use Abbreviations Below)	Grant or Loan?	\$ Amount	Date Available
Funds from the Applicant: _____	_____	100,000	_____
Federal Funds: _____	_____	_____	_____
State Funds: _____	_____	_____	_____
Private Funds (clearly identify): _____	_____	_____	_____
Other (clearly identify): _____	_____	_____	_____
Amount of this Grant Request: <u>CDBG-I</u>	Grant	3,000,000	_____
TOTAL PROJECT FINANCING:		\$ 3,100,000	

Federal Sources	Abbrev.	State Sources	Abbrev.
Appalachian Regional Commission	ARC	NCDENR, Drinking Water-SRF	DW-SRF
Economic Development Administration	EDA	NCDENR, Clean Water-SRF	CW-SRF
US Department of Agriculture	USDA	NC Dept. of Commerce, Industrial Development Fund	IDF
Community Development Block Grant	CDBG		
Community Devpt Block Grt, Eco Dev	CDBG-ED		
Direct federal appropriation	DFA	Golden Leaf Foundation	GOLD-LF


SIGNATURE OF CHIEF ELECTED OFFICIAL/AUTHORIZED REPRESENTATIVE

8/7/14
DATE

Fax Reclor
TYPED NAME

Mayor
TYPED TITLE

FEDERAL PERFORMANCE AND PROCUREMENT REQUIREMENTS CERTIFICATION

The applicant hereby assures and certifies that:

- a) It will comply with all applicable federal and state laws, regulations, rules and Executive Orders.
- b) It possesses legal authority to apply for the grant, and to execute the proposed program.
- c) Its governing body has duly adopted or passed as an official act a resolution, motion or similar action authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.
- d) It is following a detailed, written citizen participation plan which will provide opportunities for citizen participation, hearings, and access to information with respect to its community development program that are comparable to those required of grantees under Section 104(a) of the Act.
- e) Its chief elected official or other officer of the applicant if assistance is approved by DENR-DWI:
 - 1) Consents to assume the status of the "responsible Federal Official" as that term is used in Section 102 of the National Environmental Policy Act (NEPA), Section 104(f) of Title 1 of the Housing and Community Development Act of 1974, as amended, and other provisions of Federal law, as specified in 24 CFR 58.5 which further the purposes of NEPA.
 - 2) Is authorized and consents on behalf of the applicant and himself to accept the jurisdiction of the Federal courts for the purpose of enforcement of his responsibilities as such an official.
 - 3) Consents to review and comment on all Environmental Impact Statements prepared for Federal projects which may have an impact on the applicant's/recipient's community development program.
 - 4) Consents to perform all coordination functions required under 24 CFR Part 58 and 40 CFR Parts 1500-1508.
- f) The Community Development Program has been developed so as to give maximum feasible priority to activities which will benefit low and moderate income families or aid in the prevention or elimination of slums and blight. The requirement for this certification will not preclude Commerce from approving an application where the applicant certifies, and Commerce determines, that all or part of the Community Development Program activities are designed to meet other community development needs having particular urgency as specifically explained in the application in accordance with Section .0800 of 4 NCAC 19L of the North Carolina Administrative Code.
- g) Its program will be conducted and administered in conformity with Public Law 88-352 and Public Law 90-284, and that it will affirmatively further fair housing.
- h) It will give DENR-DWI, HUD and the Comptroller General through any authorized representative access to and the right to examine all records, books, papers or documents related to the grant.

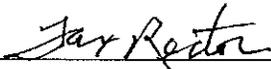
- i) It will establish safeguards to prohibit employees from using positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have family, business, or other ties.
- j) It will follow a residential anti-displacement and relocation assistance plan that is in accordance with the provisions of Section 104(d) and all other provisions of the Act.
- k) It will not attempt to recover any capital costs of public improvements assisted in whole or part under Section 106 of the Act or with amounts resulting from a guarantee under Section 108 of the Act by assessing any amount against properties owned and occupied by persons of low and moderate income, including any fee charged to assessment made as a condition of obtaining access to such public improvements, unless (i) funds received under Section 106 are used to pay the proportion of such fee or assessment that relates to the capital costs of such public improvements that are financed from revenue sources other than under this title; or (ii) for purposes of assessing any amount against properties owned and occupied by persons of low and moderate income who are not persons of very low income, the grantee certifies to the Secretary or such State, as the case may be, that it lacks sufficient funds received under Section 106 to comply with requirements of clause (i).
- l) It has or will develop a plan that identifies community development and housing needs, including the needs of low and moderate income persons, and the activities to be undertaken to meet such needs.
- m) Its notification, inspection, testing and abatement procedures concerning lead-based paint will comply with 24 CFR Part 35.
- n) When issuing statements, press releases, request for proposals, bid solicitation and other documents describing the above-mentioned program such as the environmental review, public hearings, fair housing notices, etc., it shall clearly state:
 - 1) the percentage of the total cost of the project which will be financed with CDBG money, and
 - 2) the dollar amount of CDBG funds for the project.
- o)
 - 1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - 2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant,

loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

- 3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grant, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- p) It has adopted and will enforce a policy prohibiting the use of excessive force by law enforcement agencies within its jurisdiction against any individuals engaged in nonviolent civil rights demonstrations and has adopted and is enforcing a policy of enforcing applicable state and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstration within its jurisdiction in accordance with Section 519 of Public Law 101-144, (the 1990 HUD Appropriations Act).
- q) All project areas are either not in a floodplain, or if the project area is in a floodplain, the applicant participates in the flood insurance program. All properties assisted in the project will be covered for flood insurance prior to beginning construction, and all public facilities will be constructed to comply with applicable floodplain regulations.

CERTIFICATION OF ABILITY

The Town of Chadbourn hereby certifies its ability to meet Federal Performance and Procurement Requirements with Certification as further expanded in the preceding attachments.

Name of Chief Elected Official	<u>Fax Rector</u>
Title	<u>Mayor</u>
Signature	<u></u>
Date	<u>August 7, 2014</u>

**LOCAL GOVERNMENT CERTIFICATION OF
UNDERSTANDING OF THE ROLES AND RESPONSIBILITIES
UNDER THE HUD STATE COMMUNITY DEVELOPMENT BLOCK GRANT REGULATIONS**

A. Citizen Participation

If funded, grantee will have documentation on file of compliance with citizen participation requirements in the application process, the publisher's affidavits of notices for and minutes signed by the town or county clerk of the two required public hearings.

B. Administration of Project

If funded, grantee will meet minimal levels of supervision in implementing the project as follows:

1. Administrators of the project will give semi-annual written status reports to the elected board.
2. At least two persons from the local government will review invoices and requests for payment.
3. The local government manager reviews and signs off on all project reports and payment requests.
4. All project files will be maintained at the local government offices and made available to citizens during regular business hours.

C. Audits/Compliance

CDBG grantees expending \$25,000 or more in a fiscal year are required to have funds audited for the CDBG program. CDBG funds can be used to pay for the CDBG portion of the audit provided the grantee has expended \$500,000 or more in the fiscal year in total federal awards (CDBG and other federal funds). If the grantee has expended less than \$500,000 in total federal awards, the grantee may budget local funds in the administrative line item in the CDBG application to pay for the CDBG portion of the audit and claim the local administrative funds as local commitment.

D. Water and Wastewater

If funded, grantee will adhere to the following:

1. Commit funding sufficient to pay for all on-site service connections (private property) to all occupied LMI dwelling units.
2. Commit to providing a service lateral (public property) to habitable vacant dwelling units owned by a LMI owner.
3. The CDBG Program does not permit a local government to charge low and moderate-income beneficiaries tap fees, assessments, or impact fees for water or sewer improvements.
6. Adopt an acceptable sewer use ordinance in a public sewer project which will be placed in effect on or before completion date of the project and has established a schedule of fees and charges for each category of users that will provide sufficient revenue for adequate operation, maintenance, administration, and reasonable expansion; or is in the process of adopting such an ordinance as described above.

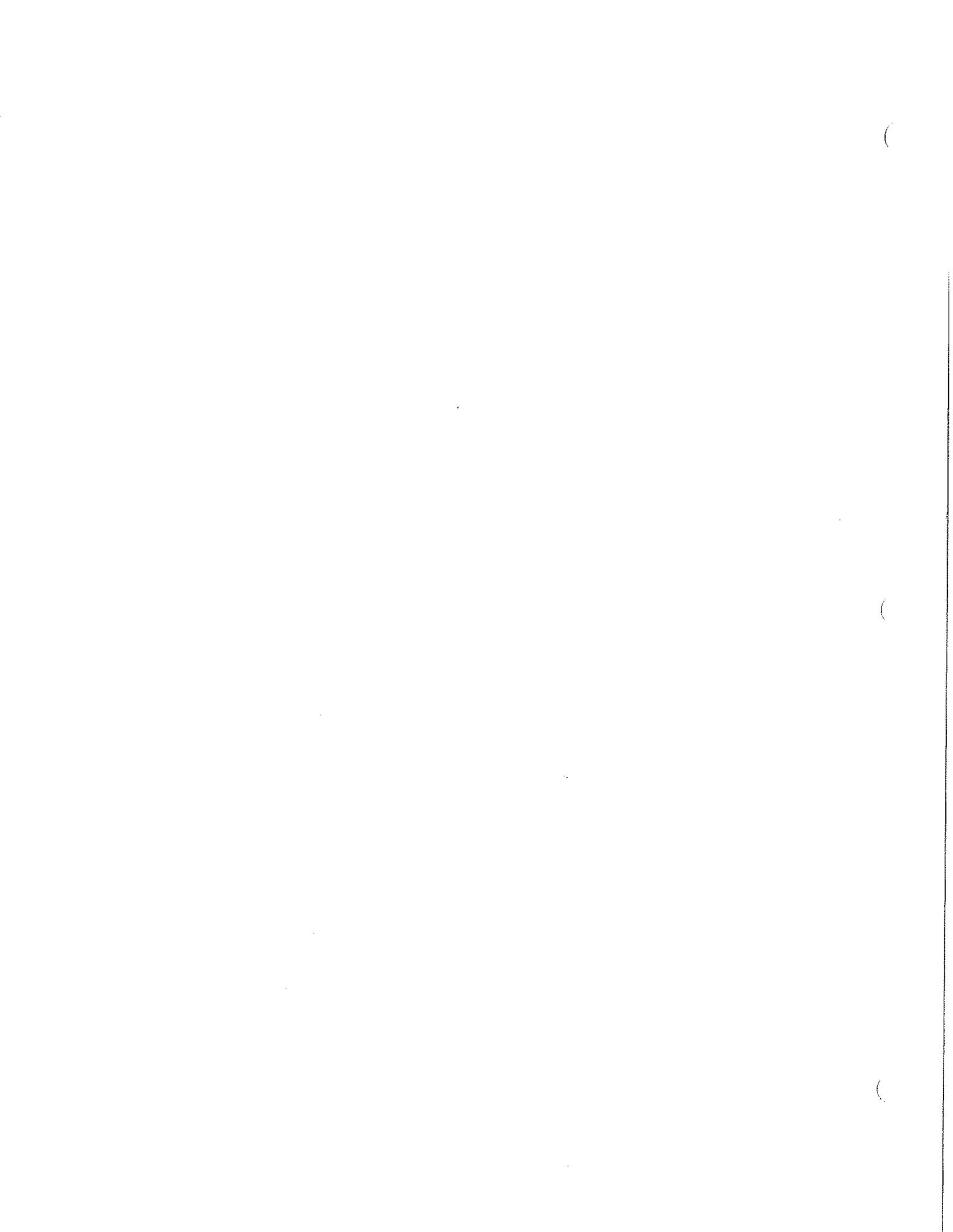
8. Use local funds in an infrastructure project to clear all abandoned outhouses or septic tanks in accordance with local health department regulations.
9. Use local funds to close or cap all wells in accordance with local health department regulations.

E. Legally Binding Commitment (LBC)

The local government will develop and execute a LBC with the non-profit or for profit developer subject to Division of Community Investment and Assistance requirements.

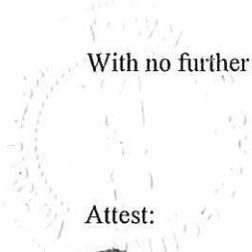
The applicant hereby assures and certifies that by his/her signature, its duly authorized official has read and understands the State CDBG Program Standards and, if funded, will adhere to all standards applicable to the funded project.

Name of Chief Elected Official	<u>Fax Rector</u>
Title	<u>Mayor</u>
Signature	<u></u>
Date	<u>August 7, 2014</u>



ADJOURNMENT

With no further business, Mayor Pro Tem Bass adjourned the meeting at 8:25 p.m.


Donald Ray Bass
Donald Ray Bass, Mayor Pro Tem

Attest:

Patricia Garrell
Patricia Garrell, Town Clerk

