



AGENDA ITEM REQUEST FORM

Town Manager

Department Submitting Request

Connie Hoffmann

Dept Head's Signature *CH*

REG COMMISSION
Meeting Dates 7:00PM

DEADLINE TO
Town Clerk

ROUNDTABLE
Meeting Dates 7:00PM

DEADLINE TO
Town Clerk

- Oct 12, 2010
- Nov 9, 2010*
- Dec 7, 2010
- Jan 11, 2011
- Feb 8, 2011
- Mar 8, 2011

- Oct 1 (5:00 pm)
- Oct 29 (5:00 pm)
- Dec 3 (5:00 pm)
- Dec 31 (5:00 pm)
- Jan 28 (5:00 pm)
- Feb 25 (5:00 pm)

- Oct 26, 2010
- Nov 23, 2010*
- Dec 28, 2010*
- Jan 25, 2011
- Feb 22, 2011
- Mar 22, 2011

- Oct 15 (5:00 pm)
- Nov 12 (5:00 pm)
- Dec 17 (5:00 pm)
- Jan 14 (5:00 pm)
- Feb 11 (5:00 pm)
- Mar 11 (5:00 pm)

*Subject to Change

- | | | | |
|---------------------------------------|---|---------------------------------------|---|
| <input type="checkbox"/> Presentation | <input type="checkbox"/> Reports | <input type="checkbox"/> Consent | <input checked="" type="checkbox"/> Ordinance |
| <input type="checkbox"/> Resolution | <input type="checkbox"/> Quasi Judicial | <input type="checkbox"/> Old Business | <input type="checkbox"/> New Business |

SUBJECT TITLE: FIRST READING AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20," UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES" TO ADOPT REVISIONS TO THE SCHEDULE OF RATES AND CHARGES FOR SANITARY SEWAGE COLLECTION, TRANSMISSION AND DISPOSAL SERVICE; AMENDING SECTION 20-22 "PROHIBITED DISCHARGES, PENALTY" TO SPECIFY ADDITIONAL MATERIALS THAT MAY NOT BE DISPOSED INTO THE SANITARY SEWER SYSTEM; CREATING SECTION 20-23 "DEFINITION" TO PROVIDE FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE

EXPLANATION: The Town has not raised sewer rates charged to customers of the Town-owned sewer system for nine years. After discussion at two meetings, the Town Commission instructed staff to develop new rates, consistent with the Pompano Beach sewer rates that many Town residents already pay. The proposed ordinance adopts the Pompano Beach rate structure. That rate structure differs substantially from the Town's current rate structure in that the base charge is per household or commercial unit rather than by meter size, single family and duplex households do not receive an allowance of 2,000 gallons in the base rate, and the volumetric flow rate is higher in Pompano (\$3.46 versus \$3.00 in LBTS).

When reviewing Pompano's code we saw that they had much more extensive restrictions on what can be dumped into the wastewater system than Lauderdale-by-the-Sea has in our code and we believe it is advisable to incorporate those provisions in our code. We have incorporated those changes in this proposed ordinance.

If the ordinance is adopted, the new rates would take effect with the first billing cycle in February 2011 (i.e. based on February consumption). The City of Fort Lauderdale handles billing for the Town and they require thirty days notice to implement the change in their billing program.

State law requires that we notify all Town sewer customers of the time and date of a public hearing on the proposed rates. The Town Attorney has advised that the notice can be sent out prior to second reading of the ordinance in January and staff will take care of sending that notice in early January as, given the holiday season, we are afraid it will be overlooked by our customers if mailed in December.

RECOMMENDATION: Adopt the ordinance on first reading..

EXHIBITS: Memo dated December 3, 2010 from Town Manager
Sewer Fund Financial Projections and supporting documents with effect of rate increase



AGENDA ITEM REQUEST FORM

Item No. _____

Town Manager

Department Submitting Request

Connie Hoffmann

Dept Head's Signature

FISCAL IMPACT AND APPROPRIATION OF FUNDS:

- Amount \$ _____ Acct # _____
 Transfer of funds required From Acct # _____

Reviewed by Town Attorney

- Yes No

Town Manager Initials CH

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

ORDINANCE 2010 – 20

AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20, "UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES" TO ADOPT REVISIONS TO THE SCHEDULE OF RATES AND CHARGES FOR SANITARY SEWAGE COLLECTION, TRANSMISSION AND DISPOSAL SERVICE; AMENDING SECTION 20-22 "PROHIBITED DISCHARGES, PENALTY" TO SPECIFY ADDITIONAL MATERIALS THAT MAY NOT BE DISPOSED INTO THE SANITARY SEWER SYSTEM; CREATING SECTION 20-23 "DEFINITIONS" TO PROVIDE DEFINITIONS FOR ARTICLE II; AND PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE.

17 **WHEREAS**, the Town Commission has identified the need to amend its Code of
18 Ordinances to increase the sanitary sewer rates that are charged to properties connected to the
19 Town's sewer system, to fully cover the costs of collecting and treating sewage, provide for
20 maintenance and improvements to the sewage collection system, and for other related purposes;
21 and

22 **WHEREAS**, because all of the sewage collected by the Town is sent to the City of
23 Pompano Beach for transmission to Broward County for treatment, the Town seeks to further
24 amend its Code of Ordinances to incorporate relevant prohibitions and requirements for disposal
25 of certain materials into the sewage system and relevant definitions; and

26 **WHEREAS**, the sewer rate increase shall be applied to consumption beginning in
27 February 2011.

28 **NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COMMISSION OF THE**
29 **TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AS FOLLOWS:**

30 **SECTION 1. Recitals.** The foregoing "Whereas" clauses are ratified and confirmed as
31 being true, correct and reflective of the legislative intent underlying this Ordinance and are
32 hereby made a specific part of this Ordinance.

ORDINANCE 2010-20

33 SECTION 2. Amending Section 20-19. Section 20-19 "Rates and Charges" of Article
34 II "Sanitary Sewer System" of Chapter 20 "Utilities" is hereby amended as follows:

35 Sec. 20-19. Rates and Charges.

36 (a) *Established.* There is hereby levied and established a schedule ~~or system~~ of rates
37 and charges for sanitary sewage disposal services against each and every person, firm,
38 partnership, corporation or other legal entity owning or using any buildings or structures in the
39 Town inhabited or used by human beings as a place of residence, business or otherwise.

40
41 (b) *Amounts of rates and charges.*

42 ~~Monthly base charge:~~

43 ~~All Single family and duplexes:~~

44 ~~All customers¹~~

45

46 (1) Monthly service charge per single-family unit ~~\$7.60~~ 14.89

47

48 ~~Multi family and commercial:~~

49 ~~Meter Size~~

50 ~~5/8 x 3/4~~ ~~7.60~~

51 ~~3/4"~~ ~~19.00~~

52 ~~1.0"~~ ~~38.00~~

53 ~~1.5"~~ ~~60.00~~

54 ~~2.0"~~ ~~121.60~~

55 ~~4.0"~~ ~~190.00~~

56 ~~6.0"~~ ~~265.00~~

57

58 (2) Monthly service charge per multi-family unit, including duplexes: \$14.26

59

60 (3) Monthly service charge per commercial structure: \$16.33

61

62 (4) Consumption rate charged per 1,000 gallons of water usage:

63

64 ~~All customer classes²~~ ~~3.00~~ \$3.46

65 All residential units will not be charged a consumption rate for usage in excess of

66 10,000 gallons per month

67

68 ~~1. Includes 2,000 gallons per month~~

69 ~~2. Single family and duplexes capped at 12,000 gallons per month~~

70

71 SECTION 3. Amending Section 20-22. Section 20-22 "Prohibited discharges, penalty"

72 of Article II "Sanitary Sewer System" of Chapter 20 "Utilities" is hereby amended as follows:

73

ORDINANCE 2010-20

74 **Sec. 20-22. Prohibited discharges, penalty.**

75 (a) *Use prohibited.* It shall be unlawful for any person to discharge or cause to be
76 discharged into the sanitary sewerage system any of the following:

77

78 (1) Septic tank sludge or effluent from a tank truck into a street manhole or by direct
79 connection from a septic tank or drainfield to the sanitary sewerage system of the Town;

80

81 (2) Any flammable, explosive or combustible liquid, solid, or gas such as gasoline,
82 benzene, naphtha, fuel oil, oil, cleaning fluids or other materials of this nature;

83

84 (3) Any stormwater, surface water, ground water, roof runoff, subsurface drainage,
85 uncontaminated cooling water, or unpolluted industrial process waters to any sanitary
86 sewer;

87

88 (4) Any waters or wastes containing toxic or poisonous solids, liquids, or gases in
89 sufficient quantity, either singly or by interaction with other wastes, to injure or interfere
90 with any wastewater treatment process, constitute a hazard to humans or animals, create a
91 public nuisance, or create any hazard in the receiving wastewater treatment plant,
92 including but not limited to cyanides in excess of 2 mg/l as CN (cyanide) in the wastes as
93 discharged to the city sewer;

94

95 (5) Any waters or wastes having a pH lower than 5.5, or having any other corrosive
96 property capable of causing damage or hazard to structures, equipment, or Town
97 personnel or contractors that work with the wastewater system;

98

99 (6) Solid or viscous substances in quantities or of a size capable of causing
100 obstruction to the flow in sewers or other interference with the proper operation of the
101 wastewater system such as, but not limited to, ashes, cinders, sand, mud, straw, wood or
102 metal shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole
103 blood, paunch manure, hair and flesh, entrails, and paper dishes, cups, milk containers,
104 and the like, either whole or ground by garbage grinders.

105 (b) No person shall discharge or cause to be discharged the following described
106 substances, materials, waters, or wastes if it appears likely in the opinion of the Director that the
107 wastes can harm either the wastewater system, wastewater treatment process, or equipment, have
108 an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property,
109 or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the
110 Director will give consideration to such factors as the quantities of subject wastes in relation to
111 flows and velocities in the wastewater system, materials of construction of the wastewater
112 system, nature of the wastewater treatment process, capacity of the wastewater treatment plant,
113 degree of treatability of wastes in the wastewater treatment plant, and other pertinent factors.
114 Combined sewage systems are prohibited in the Town. The substances prohibited are as follows:

115 (1) Any liquid or vapor having a temperature higher than 150°F. or 65°C;

ORDINANCE 2010-20

116 (2) Any water or waste containing fats, wax, grease, or oil, whether emulsified or not,
117 in excess of 100 mg/l or containing substances which may solidify or become viscous at
118 temperatures between 32°F. and 150°F. (0°C. and 65°C.);

119 (3) Any garbage that has not been properly shredded;

120 (4) Any waters or wastes containing strong acid iron pickling wastes or concentrated
121 plating solutions, whether neutralized or not;

122 (5) Any water or wastes containing iron, chromium, copper, zinc, and similar
123 objectionable or toxic substances, or wastes exerting an excessive chlorine requirement,
124 to a degree that any such material received in the composite wastewater at the wastewater
125 treatment works exceeds the limits established by the Director for these materials;

126 (6) Any waters or wastes containing phenols or other taste- or odor-producing
127 substances, in such concentrations exceeding limits established by the Director as
128 necessary, after treatment of the composite wastewater, to meet the requirements of the
129 state, federal, or other public agencies of jurisdiction for discharge to the receiving
130 waters;

131 (7) Any radioactive wastes or isotopes of half-life or concentration as may exceed
132 limits established by the Director in compliance with applicable state or federal
133 regulations;

134 (8) Any waters or wastes having a pH in excess of 9.5;

135 (9) Materials which exert or cause the following:

136 (aa) Unusual concentrations of inert suspended solids (such as, but not limited to,
137 Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not
138 limited to, sodium chloride and sodium sulfate);

139 (bb) Excessive discoloration (such as, but not limited to, dye wastes and vegetable
140 tanning solutions);

141 (cc) Unusual BOD, chemical oxygen demand, or chlorine requirements in such
142 quantities as to constitute a significant load on the wastewater treatment works; and

143 (10) Waters or wastes containing substances which are not amenable to treatment or
144 reduction by the wastewater treatment processes employed, or are amenable to treatment
145 only to the degree that the wastewater treatment plant effluent cannot meet the
146 requirements of other agencies having jurisdiction over discharge to the receiving waters.

147 ~~(b)(c)~~ The discharge of any of such foreign or prohibited matter in the manner stated in
148 this section or in any manner whatsoever shall constitute an offense and be punishable in the
149 manner set forth in section 1-12. A separate offense shall be deemed committed upon each

ORDINANCE 2010-20

150 occasion of such discharging of foreign or prohibited matter and upon each day during or on
151 which a violation occurs or continues.

152 (d) All flows shall comply with Broward County ordinances and Town pre-treatment
153 policies.

154 (e) If any waters or wastes are discharged, or are proposed to be discharged to the
155 Town wastewater system, which contain the substances or possess the characteristics enumerated
156 in this section and which, in the judgment of the Director, may have a deleterious effect upon the
157 wastewater system, processes, equipment, or receiving waters, or which otherwise create a
158 hazard to life or constitute a public nuisance, the Director may do any one or more of the
159 following:

160 (1) Reject the wastes;

161 (2) Require pretreatment to an acceptable condition for discharge to the Town
162 wastewater system;

163 (3) Require control over the quantities and rates of discharge;

164 (4) Require payment to cover the added cost of handling and treating the wastes not
165 covered by existing wastewater charges;

166 (5) If the Director permits the pretreatment or equalization of waste flows, the design
167 and installation of the plants and equipment shall be subject to the review and approval of
168 the Director, and subject to the requirements of all applicable codes, ordinances, and
169 laws.

170 (f) Grease, oil, and sand interceptors shall be provided by the property owner or lessee
171 when, in the opinion of the Director, they are necessary for the proper handling of liquid wastes
172 containing grease in excessive amounts, or any flammable wastes, sand, or other harmful
173 ingredients. However, these interceptors shall not be required for private living quarters or
174 dwelling units. All interceptors shall be of a type and capacity approved by the Director, and be
175 located so as to be readily and easily accessible for cleaning and inspection.

176 (g) Where preliminary treatment or flow-equalizing facilities are provided for any
177 waters or wastes, they shall be maintained continuously in satisfactory and effective operation by
178 the owner at his or her expense.

179 (h) When required by the Director, the owner of any property serviced by a building
180 wastewater system carrying industrial wastes shall install a suitable control manhole, together
181 with the necessary meters and other appurtenances in the building wastewater system to facilitate
182 observation, sampling, and measurement of the wastes. The manhole, when required, shall be
183 accessibly and safely located, and shall be constructed in accordance with plans submitted to the
184 Town Engineer for review and approved by the Director. The manhole shall be installed by the

ORDINANCE 2010-20

185 owner at his or her expense, and shall be maintained by the owner so as to be safe and accessible
186 at all times.

187 (i) All measurements, tests, and analyses of the characteristics of waters and wastes to
188 which reference is made in this section shall be determined in accordance with the latest edition
189 of "Standard Methods for the Examination of Water and Wastewater," published by the
190 American Public Health Association, and shall be determined at the control manhole provided,
191 or upon suitable samples taken at the control manhole. In the event no special manhole has been
192 required, the control manhole shall be considered to be the nearest downstream manhole in the
193 Town's wastewater system to the point at which the building wastewater system is connected.
194 Sampling shall be carried out by customarily accepted methods to reflect the effect of
195 constituents upon the wastewater works and to determine the existence of hazards to life, limb,
196 and property. The particular analyses involved will determine whether a 24-hour composite of
197 all outfalls of a premise is appropriate or whether a grab sample or samples should be taken.
198 BOD and suspended solid analyses may be obtained from 24-hour composites of all outfalls.
199 Levels of pH are determined from periodic grab samples.

200 SECTION 4. **Creating Section 20-23.** Section 20-23 "Definitions" of Article II
201 "Sanitary Sewer System" of Chapter 20 "Utilities" is hereby created as follows:

202 **Sec. 20-23. Definitions.**

203 (a) For the purpose of this article, the following definitions shall apply unless the context
204 clearly indicates or requires a different meaning:

205
206 BOD or BIOCHEMICAL OXYGEN DEMAND. The quantity of oxygen utilized in the
207 biochemical oxidation of organic matter under standard laboratory procedure in five days
208 at 20°C expressed in milligrams per liter.

209
210 COMBINED SEWAGE. A combination of the water-carried wastes from residences,
211 business buildings, institutions, and industrial establishments, together with any ground,
212 surface, and storm waters as may be present.

213
214 DIRECTOR. The Director of Municipal Services or designee.

215
216 GARBAGE. Solid wastes from the domestic and commercial preparation, cooking, and
217 dispensing of food, and from the handling, storage, and sale of produce.

218
219 INDUSTRIAL WASTES. The liquid wastes from industrial manufacturing processes,
220 trade, or business as distinct from sanitary wastewater.

221
222 LATERAL. The extension from the building infrastructure to the wastewater system or
223 other place of disposal.

224

ORDINANCE 2010-20

225 pH. The logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of
226 solution.

227
228 PRETREATMENT. Program that protects the city's wastewater collection system,
229 Broward County's treatment plant, as well as the environment, by preventing toxic
230 pollutants and dangerous substances from entering into the city sanitary wastewater
231 system.

232
233 PROPERLY SHREDDED GARBAGE. The wastes from the preparation, cooking, and
234 dispensing of food that have been shredded to such a degree that all particles will be
235 carried freely under the flow conditions normally prevailing in Town sewers, with no
236 particle greater than ½ inch (1.27 centimeters) in any dimension.

237
238 SANITARY SEWER. A sewer which carries sewage and to which storm, surface, and
239 ground waters are not intentionally admitted.

240
241 SEWER. A pipe or conduit for carrying wastewater.

242
243 STORMWATER. Run off resulting from precipitation.

244
245 SURFACE WATER. Water that remains on the surface of the ground, including rivers,
246 lakes, reservoirs, streams, wetlands, impoundments, seas and estuaries.

247
248 SUSPENDED SOLIDS. Solids that either float on the surface of, or are in suspension in
249 water, wastewater, or other liquids, and which are measured by laboratory filtering.

250
251 WASTEWATER. Water carried wastes from residences, business buildings, institutions
252 and industrial establishments.

253
254 WASTEWATER TREATMENT PLANT. The Broward County North Regional Plant
255 that treats the wastewater flows from the Town.

256
257 **SECTION 5. Severability.** If any section, sentence, clause, or phrase of this Ordinance
258 is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding
259 shall in no way affect the validity of the remaining portions of this Ordinance.

260 **SECTION 6. Conflicts.** All prior ordinances or resolutions or parts thereof in conflict
261 herewith are hereby repealed to the extent of such conflict.

262 **SECTION 7. Effective Date.** This Ordinance shall become effective in the sewer
263 billing cycle that starts in February 2011.

ORDINANCE 2010-20

264 Passed on the first reading, this ____ day of _____, 2010.

265

266 Passed and adopted on the second reading, this ____ day of _____, 2011.

267

268

269

270

271

Mayor Roseann Minnet

272

273

First Reading

Second Reading

274

275

Mayor Minnet

276

Vice-Mayor Dodd

277

Commissioner Clottey

278

Commissioner Sasser

279

Commissioner Vincent

280

Attest:

281

282

Town Clerk, June White

283

(CORPORATE SEAL)

284

285

Approved as to form:

286

287

288

Town Attorney, Susan L. Trevarthen

Town of Lauderdale-by-the-Sea

OFFICE OF THE TOWN MANAGER

Memorandum

Date: November 30, 2010

To: Mayor Roseann Minnet
Commissioner Stuart Dodd
Commissioner Birute Clottey
Commissioner Scot Sasser
Commissioner Chris Vincent

From: Connie Hoffmann, Town Manager 

Subject: Sewer Rates

At the November 22nd Roundtable, the Commission asked to see two more options on the sewer rates:

- 1) The effect of adopting the Pompano rate structure for both availability and flow.
- 2) An option that raised enough revenue to completely cover operating expenses in FY 2010/2011 despite the fact that the rate increase would only be in effect for three quarters of the year.

By adopting the Pompano Beach rate structure for all rate classifications (single family, multifamily and commercial) and raising the volumetric flow charge from our \$3.00 per 1,000 gallons to Pompano's \$3.46 per 1,000 gallons, we achieve the second option.

The ordinance presented for your consideration on first reading adopts the Pompano rate structure and volumetric flow charge. It also eliminates our practice of including the first 2,000 gallons in the base rate for single family households and duplexes and reduces the maximum volumetric flow charge to 10,000 gallons, as opposed to our current limit of 12,000 gallons. These changes were included to be completely consistent with Pompano's rate structure.

If these rates are adopted, we would eliminate the operating loss in the current fiscal year, assuming Fort Lauderdale can change their billing program in time to be effective with the bills for February usage. We estimate that we would also be able to restore approximately \$13,000 to the fund balance. With a full year's implementation the following year, assuming a 7% increase in expenses, the operating loss would be eliminated and we would generate \$11,000 to the fund balance.

Adoption of the Pompano rates, including flow for residential properties would result in the following increase in the monthly sewer bills:

\$16.51 (+73%) for a single family home that averages 7,000 gallons of water consumption

\$31.52 (+100%) for a duplex that averages 10,000 gallons of water of consumption. (This figure assumes a single bill for the duplex.)

\$12.50 (+66%) for a multi-family property with 15 units that use approximately 5,000 gallons of water per unit per month

\$14.13 (+81%) for a multi-family property with 25 units that use approximately 5,000 gallons of water per unit per month

\$14.13 (+81%) for a multi-family property with 50 units that use approximately 5,000 gallons of water per unit per month

\$14.66 (+87%) for a multi-family property with 100 units that use approximately 5,000 gallons of water per unit per month

\$15.61 (+ 98%) for a multi-family property with 200 units that use approximately 5,000 gallons of water per unit per month

To be consistent with the Pompano fee structure, the current scenario changes the Commercial properties rates to a per unit rate. This scenario produces a decrease in the portion of the bill that is the availability rate (\$12,262 total) for all properties with the exception of those with 5/8" meters. The increase in the flow rate (30,648) will mitigate the loss.

The increase in the meter rate scenario for commercial properties previously presented, increased the rate by 27% and increased revenues by \$19,971 for 8 months, or 27,573 annually

Attached you will find tables that show:

- The budget impact and the impact on fund balance of the rate hike.
- The new rates compared to the existing rates.
- Detail on the impact of the increase on a "typical" monthly bill for various categories of households.

At the Roundtable the Commission asked for clarification on several questions.

1. What does Fort Lauderdale charge us to bill? (Sasser)

The charge as of September 2010 is \$716.45 per month.

2. Who owns the infrastructure between Sea Ranch Condos and the Pompano force main? (Sasser)

Sea Ranch Club Condos owns the infrastructure.

3. What has been the history of sewer rate increased by Pompano? (Vincent)

Sewer Rates	2002	11/1/03	10/1/06	10/1/07	10/1/08	9/18/10	1/1/11
Single Family Availability	10.11	13.20	13.20	13.20	13.20	13.99	14.89
Multi Family Avail. Per unit	9.69	12.65	12.65	12.65	12.65	13.41	14.26
Commercial Avail. Per unit	11.09	14.48	14.48	14.48	14.48	15.34	16.32
Flow per 1,000 gallons	1.81	2.36	2.51	2.68	2.85	3.08	3.46

4. Does the Master Agreement between the Town and Pompano provide for a 25% surcharge? (Sasser - after the meeting)

The 25% surcharge is only applied to the volumetric flow of wastewater that goes through Lift Station #12. There are other fees that Pompano charges us to which the 25% surcharge is not applied.

SEWER FUND FINANCIAL PROJECTIONS

	FY09/10	FY10/11 Projection no rate increase	FY10/11 w Full Rate increase for 8 mos plus flow increase	FY 11/12 with full ra plus flow incr
Revenues				
Sewer Service Charges	982,491	976,300	1,384,522	1,5
Misc Revs	3,938	3,000	3,000	
<i>Total Revenues</i>	<i>986,429</i>	<i>979,300</i>	<i>1,387,522</i>	<i>1,5</i>
Expenditures				
Personnel Costs	61,687	68,748	68,748	
Professional Services	13,009	50,000	50,000	
Sewer/Wastewater Fees (assumes 20% increase 1/2011 & 7% increase in 2012)	864,955	1,000,000	1,000,000	1,0
Utilities	14,930	14,000	14,000	
Auto, Prop & Liab Insurance	5,578	5,500	5,500	
Workers Comp Insurance	4,044	2,000	2,000	
Sewer Line Maint	69,701	80,000	80,000	
Pump Sta Maintenance	17,435	25,000	25,000	
Contingency	-	15,000	15,000	
Printing & Binding	-	250	250	
Postage	-	250	250	
Operating Supplies/Misc	425	2,000	2,000	
Depreciation	52,916	58,000	58,000	
Sewer Repairs		50,000	50,000	
<i>Total Expenditures</i>	<i>1,104,680</i>	<i>1,370,748</i>	<i>1,370,748</i>	<i>1,4</i>
Operating Loss	118,251	391,448		
Projected Fund Balance	1,495,695	1,104,247	1,512,469	1,5

REVENUE IMPACT ANALYSIS OF SEWER RATE SCENARIO

	LBTS Current	Convert to Per Unit Feb '11	Annualized Revenue
Residential Rate Analysis			
<u>Single Family</u>			
<u>Base Charge</u>	7.60	14.89	14.89
518 accounts/mo	3,936.80	7,713.02	7,713.02
per year	47,241.60	77,451.36	92,556.24
Increase		<u>30,209.76</u>	<u>45,314.64</u>
<u>Duplex</u>			
<u>Base Charge</u>	7.60	14.26	
86 accounts/ 172 units /mo	653.60	2,452.72	
per year	7,843.20	22,236.16	29,432.64
Increase		<u>14,392.96</u>	<u>21,589.44</u>
<u>Multi-Family</u>			
<u>Base Charge '5/8"</u>	7.60	14.26	
12 meters/46units /mo	91.20	655.96	
per year	1,094.40	5,612.48	7,871.52
Increase		<u>4,518.08</u>	<u>6,777.12</u>
<u>Base Charge-1"</u>	38.00	14.26	
72 meters/348 units /mo	2,736.00	4,962.48	
per year	32,832.00	50,643.84	59,549.76
Increase		<u>17,811.84</u>	<u>26,717.76</u>
<u>Base Charge-1.5"</u>	60.80	14.26	
35 meters/330units /mo	2,128.00	4,705.80	
per year	25,536.00	46,158.40	56,469.60
Increase		<u>20,622.40</u>	<u>30,933.60</u>
<u>Base Charge-2"</u>	121.60	14.26	
23 meters/572 units /mo	2,796.80	8,156.72	
per year	33,561.60	76,440.96	97,880.64
Increase		<u>42,879.36</u>	<u>64,319.04</u>
<u>Base Charge-4"</u>	190.00	14.26	
9 meters/ 1462units /mo	1,710.00	20,848.12	
per year	20,520.00	173,624.96	250,177.44
Increase		<u>153,104.96</u>	<u>229,657.44</u>
Total Per Year	168,628.80		
Per Month	56,209.60		
Total w 8 mo inc		<u>452,168.16</u>	
Total w 12 mo inc			<u>593,937.84</u>
Residential Revenue Increase		<u>283,539.36</u>	<u>425,309.04</u>

REVENUE IMPACT ANALYSIS OF SEWER RATE SCENARIO

Commercial Accounts	LBTS Current	Convert to Per Unit Feb '11	
5/8"	7.60	16.33	
42 meters/45units/mo	319.20	734.85	
per year	3,830.40	7,155.60	8,818.20
Increase		<u>3,325.20</u>	<u>4,987.80</u>
3/4"	19.00	16.33	
1meter/month	19.00	16.33	
per year	228.00	206.64	195.96
Increase		<u>(21.36)</u>	<u>(32.04)</u>
1"	38.00	16.33	
59 meters/136unis/mo	2,242.00	2,220.88	
per year	26,904.00	26,735.04	26,650.56
Increase		<u>(168.96)</u>	<u>(253.44)</u>
1.5"	60.80	16.33	
59 meters /210units/mo	3,587.20	3,429.30	
per year	43,046.40	41,783.20	41,151.60
Increase		<u>(1,263.20)</u>	<u>(1,894.80)</u>
2"	121.60	16.33	
16/meters /63unitsmo	1,945.60	1,028.79	
per year	23,347.20	16,012.72	12,345.48
Increase		<u>(7,334.48)</u>	<u>(11,001.72)</u>
4"	190.00	16.33	
2/meters/2units/mo	380.00	32.66	
per year	4,560.00	1,781.28	391.92
Increase		<u>(2,778.72)</u>	<u>(4,168.08)</u>
Total Per Year	101,916.00		
total w 8 mo inc		93,674.48	
total w 12 mo inc			89,553.72
Commercial Revenue Increase		<u>(8,241.52)</u>	<u>(12,362.28)</u>
Cumulative Total	270,544.80	545,842.64	683,491.56
TOTAL INCREASE	-	<u><u>275,297.84</u></u>	<u><u>412,946.76</u></u>

IMPACT OF NEW SEWER RATES ON DIFFERENT CATEGORIES OF CUSTOMERS

We finally got some information from Fort Lauderdale that indicates that average consumption per single family household this past summer was around 7,000 gallons, so we are using that figure in our assumptions regarding the rate impact on single family homes.

CURRENT RATES: A **SINGLE FAMILY HOME** currently pays a base rate of \$7.60 which includes 2,000 gallons of usage and the standard volumetric charge for the additional gallons used. We've received some information from Fort Lauderdale that indicates that average consumption per single family household this past summer was around 7,000 gallons. So, assuming that consumption rate, the **current** average monthly sewer bill would be \$22.60 (\$7.60 + volumetric charge of \$15)

CURRENT BILL: \$22.60 per household

WITH PROPOSED RATE INCREASE: \$14.89 base + volumetric charge of \$24.22 = \$39.11

(The proposed rate charges for all volume; there is no credit for the first 2,000 gallons any longer)

MONTHLY \$ INCREASE: \$16.51 (73% increase)

CURRENT RATES: A **DUPLEX** with a single meter is currently paying the same base rate as a single family home. Base rate of \$7.60 + \$24 for volume (assumes both sides of the duplex use 5,000 gallons since there is less lawn to water at a duplex) = \$31.60

CURRENT RATE: \$31.60 per duplex (15.80 per household)

PROPOSED RATE INCREASE: Under the Pompano rate system a duplex is treated as two units at the multi-family rate. \$14.26 base X 2 units = 28.52 + volumetric charge for 10,000 gallons (\$34.60) = \$63.12 per duplex, \$31.56 per household

MONTHLY \$ INCREASE (FOR BOTH UNITS COMBINED) - \$31.52 (100% increase)

CURRENT RATES: A CONDOMINIUM WITH 15 UNITS with a 1 1/2 " meter and 75,000 gallons of water use would pay a monthly sewer bill of \$285.80 (60.80 for the meter + \$225 for the volume). That equates to \$19.05 per unit

CURRENT RATE: \$19.05 per household

PROPOSED RATE INCREASE: \$14.26 base X 15 units = \$213.79 + \$259.50 volumetric charge = \$473.29, or \$31.55 per household

MONTHLY \$ INCREASE PER UNIT - \$12.50 (66% increase)

CURRENT RATES: A CONDOMINIUM WITH 25 UNITS with a 1 1/2 " meter and 125,000 gallons of water use would pay a monthly sewer bill of \$435.80 (60.80 for the meter + \$375 for the volume). That equates to \$17.43 per unit

CURRENT RATE: \$17.43 per household

PROPOSED RATE INCREASE: \$14.26 base X 25 units = \$356.50+ \$ 432.50 volumetric charge for 10,000 gallons = \$789.00 or \$31.56 per household

MONTHLY \$ INCREASE PER UNIT - \$14.13 (81% increase)

CURRENT RATES: A CONDOMINIUM WITH 50 UNITS with a 2 " meter and 250,000 gallons of water use (average household consumption of 5,000 gallons) would pay a monthly sewer bill of \$871.60 (121.60 for the meter + \$750 for the volume). That equates to \$17.43 per unit

CURRENT RATE: \$17.43 per household

PROPOSED RATE INCREASE: \$14.26 base X 50 units = \$713 + \$865 volumetric charge = \$1578 = \$31.56 per household

MONTHLY \$ INCREASE PER UNIT - \$14.13 (81% increase)

CURRENT RATES: A condominium with 100 units with a 4 " meter and 500,000 gallons of water use would pay a monthly sewer bill of \$16.90 per unit (\$190 for the meter + \$1,500 for the volume = \$1690)

CURRENT RATE: \$16.90 per household

PROPOSED RATE INCREASE: \$14.26 X 100 units = \$1426 + \$1730 volumetric charge = \$3156 = \$31.56 per household

MONTHLY \$ INCREASE PER UNIT - \$14.66 (87% increase)

CURRENT RATES: A condominium with 200 units with a 4 " meter and 1,000,000 gallons of water use would pay a monthly sewer bill of \$3,190 (190 for the meter + \$3,000 for the volume). That equates to \$15.95 per unit

CURRENT RATE: \$15.95 per household

PROPOSED RATE INCREASE: \$14.26base X 200 units = \$2852 + \$3460 volumetric charge = \$6312 = \$31.56 per household

MONTHLY \$ INCREASE PER UNIT - \$15.61 (98% increase)