

18 Attachment 7

Township of New Hanover

APPENDIX "A"

NEW HANOVER TOWNSHIP  
ACT 57 TAPPING FEE CALCULATION  
March 2007

ITEM DESCRIPTION	ORIGINAL COST (\$K)	GRANT ELIGIBLE	GRANT AMOUNT (\$K)(1)	ELIGIBLE COST	(Sub-Total Grant dollar)(4)	Capacity Capex(2)(5)	Capacity Polyex(3)(6)	Collection Polyex(7)	Special Purpose Ref(PS)	Special Purpose Swamp Creek(8)
<b>ORIGINAL SYSTEM - 1980</b>										
Sanitary Sewers										
Contract 79-1A	\$ 737,357.00	Y	\$ 499,269.00	\$ 239,088.00	\$ 526,232.69	1925000			\$ 0.27	
Contract 79-1	\$ 2,145,809.00	Y	\$ 1,450,705.00	\$ 696,103.00	\$ 1,632,122.70	1925000			\$ 0.80	
Land and R/W Collection System	\$ 77,000.00	N	\$	\$ 77,000.00	\$ 169,477.00	1925000			\$ 0.09	
Engineering	\$ 404,967.00	Y	\$ 265,456.00	\$ 139,511.00	\$ 307,063.71	1925000			\$ 0.16	
Administrative	\$ 11,845.00	Y	\$ 6,892.00	\$ 5,253.00	\$ 11,541.65	1925000			\$ 0.01	
Legal	\$ 46,856.00	Y	\$ 8,097.00	\$ 37,861.00	\$ 83,332.06	1925000			\$ 0.04	
Sub-Total (ENR FACTOR 2.21)(4)				\$ 1,194,816.00	\$ 2,628,760.02					
<b>TREATMENT PLANT PROPERTY</b>										
Current Property Value of Site(7)				\$ 336,240.00	\$ 397,770.24	1925000		\$ 0.21		
<b>TREATMENT PLANT CONSTRUCTION - PH I &amp; II</b>										
Contract One - General Const				\$ 5,872,051.71						
Contract Two - Mechanical				\$ 372,000.00						
Contract Three - Electrical				\$ 980,144.07						
Contract Four - Inf and Outfall				\$ 452,332.22						
Project Cost 35%(Eng, Legal, Admin)				\$ 2,620,284.90						
					\$ 10,106,812.80	1925000		\$ 5.25		
Treatment Plant - Phase II Proposed				\$ 9,849,600.00		1925000		\$ 5.12		
<b>CONVEYANCE FACILITIES</b>										
Frost Road				\$ 600,000.00		1925000		\$ 0.31		
Rosenberry Road				\$ 70,696.00		1925000		\$ 0.04		
<b>SPECIAL PURPOSE FACILITIES</b>										
Swamp Creek PS	75% new edu (6)			\$ 1,285,625.00		698775		\$ 1.81		
Minister Creek Interceptor	75% new edu (6)			\$ 750,000.00		698775		\$ 1.07		
Swamp Creek Interceptor	1900 edu			\$ 1,687,500.00		357600		\$		\$ 4.72
<b>OUTSTANDING DEBT</b>										
Original System (3)				\$ (843,934.00)	\$ (843,934.00)	1925000		\$ (0.44)		
<b>TOTAL (8)</b>										
							\$ 10.14	\$ 1.71	\$ 2.80	\$ 4.72
							\$ 2,655.42	\$ 449.21	\$ 755.74	\$ 1,236.71

Footnotes  
 (1) The collection and conveyance system cost grant was 75% of eligible costs.  
 Eligible cost factors were 90.1% for sewers and force main construction; 87.4% for engineering; 74.2% for administration; 25.8% for legal.  
 (2) 7000 EDU x 275 gal/edu  
 (3) Original debt \$3,050,000, \$1,414,316/3,050,000 = 46.37%. Of remaining debt is attributed to these facilities. Applicable outstanding debt = 1820000 x .4637= 843934  
 (4) ENR Factor 7126/3237=2.201  
 (5) Capacity 7000edu x 275 gal/edu, Treatment capacity (new) 4000edu x 275 gal/edu, Distribution capacity 7000edu x 275 gal/edu  
 (6) 3381 total EDU - 840 Existing = 2541 EDU \* 275 = 698775  
 (7) From RealtyTransfer Tax Statement of Value 12-12-1999  
 (8) 2000 Census 2.91 persons/edu x 90 gal/person = 262 gal/edu, (TOTAL COST/Capacity) x 262 = Cost/EDU