

NOTES

- LAND USE CHARACTERISTICS WERE DETERMINED FROM THE FLOUR BLUFF AREA DEVELOPMENT PLAN, SEPTEMBER 14, 1993, FROM THE ADOPTED CORPUS CHRISTI FUTURE LAND USE MAP, MAY 24, 2005 (ORDINANCE #026278) AND THROUGH A REVIEW WITH DEVELOPMENT SERVICES STAFF ON JUNE 6, 2006.
- IN THE ABSENCE OF EXISTING FLOW DATA, RESIDENTIAL FLOWS WERE ASSUMED TO BE 100 GAL/CAP/DAY AS PER TCEQ 30 TAC 317.4 (a), DATED JANUARY 6, 2005.
- ONLY DEVELOPABLE LAND WAS CONSIDERED IN THE POPULATION PROJECTION CALCULATIONS.
- THE SERVICE AREAS WERE DEFINED BY THE TOPOGRAPHY AND THROUGH DISCUSSIONS WITH CITY STAFF.
- ALL PIPE SIZES AND SLOPES MEET TCEQ RULES AS ESTABLISHED IN 30 TAC 317, EFFECTIVE JANUARY 6, 2005.
- THE PEAKING FACTOR WAS CALCULATED USING THE HAROLD E. BABBITT FORMULA WHICH HAS BEEN WIDELY USED IN PREVIOUS AREA MASTER PLANS.
- SOME MANHOLES ARE NOT SHOWN FOR CLARITY.
- THE SERVICE AREA WAS ASSUMED TO BE FULLY DEVELOPED.
- ALL OF THE ELEVATION CONTOURS WERE DERIVED FROM THE CITY OF CORPUS CHRISTI LIDAR DATA COLLECTED IN 2003.
- TO THE EXTENT POSSIBLE, THE UPSTREAM END OF ALL LATERALS SHALL HAVE A MINIMUM DEPTH OF 3 FEET.
- SOME LOCATIONS BELOW 2 FOOT ELEVATION (100 YEAR FLOOD PLAIN) MAY REQUIRE LOW PRESSURIZED PUMPING SYSTEMS TO BE PROVIDED BY PROPERTY OWNER.

SEE EXHIBIT 7 FOR
SUB BASIN 1A MASTER PLAN

SCALE: 1"=500'

FINAL

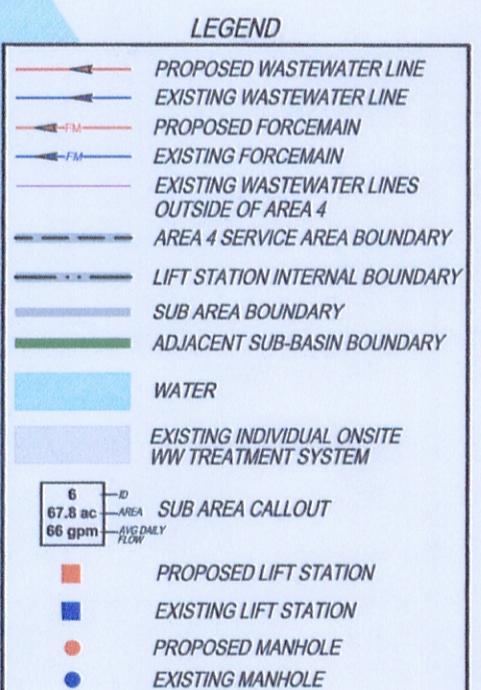


CITY OF
CORPUS CHRISTI
TEXAS
WASTEWATER
DEPARTMENT

Department of Engineering Services
AUGUST 1, 2006

WASTEWATER COLLECTION
SYSTEM MASTER PLAN
LAGUNA MADRE WWTP SERVICE AREA
SUB BASIN AREA 4

GRAPHIC SCALE
500' 0 500' 1000' 1500'



LAGUNA
MADRE

BROWN AND CALDWELL

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EXHIBIT 8