

## Appendix 5B-E

### Management Supply Factor DB17 Report

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This appendix will include a copy of the Management Supply Factor data from the TWDB Data Web Interface known as the DB17. The summary will be divided by Water User Group and Wholesale Water Provider by decade. Management supply factors may be used to take into account uncertainties associated with:

- Projections of populations;
- Projections of water demands;
- Climate variability;
- Yield of recommended WMSs;
- Permitting or other uncertainties impacting implementation of projects; and/or
- Other uncertainties.

The TWDB will make this DB17 report available to RWPGs after submittal of the 2016 Initially Prepared Plan.

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### Water User Group (WUG) Management Supply Factor

REGION I	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
ALTO	2.0	3.5	3.3	3.0	2.8	1.6
ALTO RURAL WSC	1.2	1.1	1.0	1.0	1.0	1.0
ANGELINA WSC	2.1	2.1	2.1	2.0	1.9	1.8
APPLEBY WSC	1.4	1.3	1.2	1.1	1.0	1.0
ARP	1.0	3.5	3.5	3.4	3.3	1.4
BEAUMONT	1.0	1.1	1.1	1.1	1.1	1.1
BECKVILLE	4.4	4.0	3.9	3.7	3.6	3.5
BERRYVILLE	1.0	1.0	1.0	1.0	1.0	1.0
BETHEL-ASH WSC	1.8	1.7	1.5	1.4	1.3	1.2
BEVIL OAKS	1.0	1.0	1.0	1.0	1.0	1.0
BRIDGE CITY	1.0	1.0	1.1	1.0	1.0	1.0
BROWNSBORO	1.0	1.0	1.0	1.0	1.0	1.0
BRUSHY CREEK WSC	2.5	2.5	2.6	2.6	2.6	2.5
BULLARD	1.0	1.0	1.0	1.0	1.0	1.0
BURKE	1.0	1.0	1.0	1.0	1.0	1.0
CARTHAGE	1.0	1.0	1.0	1.0	1.0	1.0
CENTER	1.6	1.6	2.6	2.6	2.5	2.4
CENTRAL WCID OF ANGELINA COUNTY	1.8	1.8	1.7	1.6	1.5	1.5
CHALK HILL SUD	3.2	3.0	2.9	2.7	2.4	2.2
CHANDLER	1.4	1.2	1.1	1.3	1.2	1.1
CHINA	1.0	1.0	1.0	1.0	1.0	1.0
COLMESNEIL	2.4	2.4	2.5	2.5	2.5	2.5
CORRIGAN	1.3	1.2	1.2	1.1	1.0	1.0
COUNTY-OTHER, ANDERSON	1.1	1.1	1.1	1.1	1.1	1.1
COUNTY-OTHER, ANGELINA	1.2	1.2	1.2	1.1	1.1	1.0
COUNTY-OTHER, CHEROKEE	1.6	4.7	4.5	4.1	3.8	1.7
COUNTY-OTHER, HARDIN	1.0	1.0	1.0	1.0	1.0	1.0
COUNTY-OTHER, HENDERSON	1.4	1.5	1.5	1.5	1.5	1.6
COUNTY-OTHER, HOUSTON	2.0	2.1	2.2	2.2	2.2	2.2
COUNTY-OTHER, JASPER	1.1	1.1	1.1	1.2	1.2	1.2
COUNTY-OTHER, JEFFERSON	1.1	1.1	1.1	1.0	1.0	1.0
COUNTY-OTHER, NACOGDOCHES	1.0	1.3	1.3	1.3	1.2	1.0
COUNTY-OTHER, NEWTON	1.5	1.5	1.6	1.6	1.6	1.6
COUNTY-OTHER, ORANGE	1.0	1.0	1.0	1.0	1.0	1.0
COUNTY-OTHER, PANOLA	1.1	1.1	1.1	1.1	1.1	1.1
COUNTY-OTHER, RUSK	1.5	1.4	1.3	1.2	1.1	1.0
COUNTY-OTHER, SABINE	5.1	5.5	5.7	5.8	5.8	5.8
COUNTY-OTHER, SAN AUGUSTINE	1.8	1.9	2.0	2.0	2.0	2.0
COUNTY-OTHER, SHELBY	1.2	1.1	1.1	1.1	1.1	1.1
COUNTY-OTHER, TRINITY	3.2	3.1	3.1	3.2	3.1	3.0
COUNTY-OTHER, TYLER	1.0	1.0	1.0	1.0	1.0	1.0
CRAFT-TURNEY WSC	1.0	1.0	1.0	1.0	1.0	1.0
CROCKETT	1.6	1.6	1.6	1.6	1.6	1.6
CROSS ROADS SUD	2.7	2.6	2.4	2.3	2.1	1.9
CUSHING	1.8	1.7	1.6	1.4	1.3	1.2
D&M WSC	1.3	1.2	1.1	1.0	1.0	1.0
DEAN WSC	1.0	1.0	1.0	1.0	1.0	1.0
DIBOLL	4.0	3.9	3.8	3.7	3.5	3.4
ELKHART	1.7	1.7	1.7	1.7	1.7	1.7
FOUR PINES WSC	1.6	1.6	1.7	1.7	1.7	1.7

### Water User Group (WUG) Management Supply Factor

REGION I	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
FOUR WAY SUD	2.5	2.4	2.3	2.2	2.1	2.1
FRANKSTON	1.6	1.6	1.6	1.6	1.6	1.5
G M WSC	1.6	1.6	1.6	1.6	1.6	1.6
GARRISON	2.5	2.3	2.1	1.9	1.7	1.6
GRAPELAND	3.4	3.5	3.6	3.7	3.7	3.7
GROVES	1.0	1.0	1.0	1.0	1.0	1.0
HEMPHILL	2.4	2.5	2.5	2.5	2.5	2.5
HENDERSON	1.8	1.7	2.8	2.5	2.3	2.1
HUDSON	1.7	1.6	1.6	1.5	1.5	1.5
HUDSON WSC	2.8	2.7	2.5	2.4	2.3	2.2
HUNTINGTON	4.6	4.5	4.4	4.3	4.1	4.0
IRRIGATION, ANDERSON	4.0	4.0	4.0	4.0	4.0	4.0
IRRIGATION, ANGELINA	1.7	1.7	1.7	1.7	1.7	1.7
IRRIGATION, CHEROKEE	1.2	1.2	1.2	1.2	1.2	1.2
IRRIGATION, HARDIN	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, HENDERSON	2.0	2.0	2.0	2.0	1.9	1.8
IRRIGATION, HOUSTON	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, JASPER	3.5	3.5	3.5	3.5	3.5	3.5
IRRIGATION, JEFFERSON	1.3	1.2	1.2	1.2	1.2	1.2
IRRIGATION, NACOGDOCHES	1.3	1.3	1.3	1.3	1.3	1.3
IRRIGATION, NEWTON	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, ORANGE	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, PANOLA	9.0	9.0	9.0	9.0	9.0	9.0
IRRIGATION, POLK	1.8	1.8	1.8	1.8	1.8	1.8
IRRIGATION, RUSK	6.0	6.0	6.0	6.0	6.0	6.0
IRRIGATION, SAN AUGUSTINE	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, SHELBY	3.8	3.8	3.8	3.8	3.8	3.8
IRRIGATION, SMITH	1.0	1.0	1.0	1.0	1.0	1.0
IRRIGATION, TRINITY	0.3	0.3	0.3	0.3	0.3	0.3
IRRIGATION, TYLER	1.0	1.0	1.0	1.0	1.0	1.0
IVANHOE	2.4	2.4	2.5	2.5	2.5	2.5
IVANHOE NORTH	3.5	3.6	3.7	3.7	3.7	3.7
JACKSON WSC	1.0	3.0	2.9	2.7	2.5	2.4
JACKSONVILLE	1.0	2.5	2.4	2.3	2.2	2.1
JASPER	2.8	2.8	2.9	2.9	2.9	2.9
JASPER COUNTY WCID #1	4.8	5.1	5.2	5.2	5.2	5.2
JEFFERSON COUNTY WCID #10	1.0	1.0	1.0	1.0	1.0	1.0
JOAQUIN	1.3	1.3	1.3	1.3	1.3	1.3
KIRBYVILLE	1.5	1.5	1.5	1.5	1.5	1.5
KOUNTZE	4.1	4.2	4.4	4.4	4.4	4.4
LILLY GROVE SUD	1.8	1.6	1.5	1.4	1.2	1.1
LIVESTOCK, ANDERSON	1.0	1.0	1.0	1.0	1.0	1.0
LIVESTOCK, ANGELINA	1.1	1.1	1.1	1.1	1.1	1.1
LIVESTOCK, CHEROKEE	1.1	1.1	1.1	1.1	1.1	1.1
LIVESTOCK, HARDIN	1.4	1.4	1.4	1.4	1.4	1.4
LIVESTOCK, HENDERSON	3.4	3.4	3.4	3.3	2.7	2.2
LIVESTOCK, HOUSTON	1.4	1.3	1.3	1.2	1.2	1.1
LIVESTOCK, JASPER	2.2	2.2	2.2	2.2	2.2	2.2
LIVESTOCK, JEFFERSON	1.1	1.1	1.1	1.1	1.1	1.1
LIVESTOCK, NACOGDOCHES	1.0	1.0	1.0	1.0	1.0	1.0

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REGION I	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
LIVESTOCK, NEWTON	2.1	2.1	2.1	2.1	2.1	2.1
LIVESTOCK, ORANGE	1.6	1.6	1.6	1.6	1.6	1.6
LIVESTOCK, PANOLA	1.1	1.1	1.1	1.1	1.1	1.1
LIVESTOCK, POLK	1.6	1.6	1.6	1.6	1.6	1.6
LIVESTOCK, RUSK	1.2	1.2	1.2	1.2	1.2	1.2
LIVESTOCK, SABINE	4.6	3.4	2.6	2.0	1.6	1.6
LIVESTOCK, SAN AUGUSTINE	1.0	1.0	1.0	1.0	1.0	1.0
LIVESTOCK, SHELBY	1.0	1.0	1.0	1.0	1.0	1.0
LIVESTOCK, SMITH	1.0	1.0	1.0	1.0	1.0	1.0
LIVESTOCK, TRINITY	1.0	1.0	1.0	1.0	1.0	1.0
LIVESTOCK, TYLER	1.1	1.1	1.1	1.1	1.1	1.1
LOVELADY	1.8	1.8	1.8	1.9	1.9	1.9
LUFKIN	1.0	1.8	3.2	3.8	3.5	3.2
LUMBERTON	1.0	1.0	1.0	1.0	1.0	1.0
LUMBERTON MUD	5.6	5.3	5.0	4.9	4.7	4.5
MANUFACTURING, ANDERSON	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, ANGELINA	0.7	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, CHEROKEE	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, HARDIN	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, HOUSTON	1.1	1.1	1.1	1.1	1.1	1.1
MANUFACTURING, JASPER	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, JEFFERSON	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, NACOGDOCHES	4.9	4.6	4.3	4.1	3.9	3.7
MANUFACTURING, NEWTON	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, ORANGE	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, PANOLA	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, POLK	1.0	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, RUSK	18.8	17.5	16.5	15.8	14.8	13.8
MANUFACTURING, SABINE	1.8	1.6	1.4	1.3	1.2	1.1
MANUFACTURING, SAN AUGUSTINE	2.1	1.9	1.7	1.5	1.4	1.3
MANUFACTURING, SHELBY	1.2	1.2	1.2	1.2	1.2	1.2
MANUFACTURING, SMITH	1.1	1.0	1.0	1.0	1.0	1.0
MANUFACTURING, TYLER	1.0	1.0	1.0	1.0	1.0	1.0
MAURICEVILLE SUD	2.4	2.4	2.4	2.3	2.3	2.3
MEEKER MUD	1.2	1.2	1.1	1.1	1.0	1.0
MELROSE WSC	1.6	1.5	1.4	1.2	1.1	1.0
MINING, ANDERSON	1.4	1.2	1.2	1.3	1.7	2.2
MINING, ANGELINA	1.0	1.0	1.0	1.0	1.0	1.0
MINING, CHEROKEE	1.0	1.0	1.0	1.0	1.0	1.0
MINING, HARDIN	1.0	1.0	1.0	1.0	1.0	1.0
MINING, HOUSTON	1.0	1.0	2.3	3.1	10.8	23.7
MINING, JASPER	1.0	1.0	1.0	1.0	1.0	1.0
MINING, JEFFERSON	1.0	1.0	1.0	1.0	1.0	1.0
MINING, NACOGDOCHES	1.0	1.0	1.0	1.2	1.6	2.2
MINING, NEWTON	1.0	1.0	1.1	1.5	2.2	2.9
MINING, ORANGE	1.1	1.0	1.0	1.0	1.0	1.0
MINING, PANOLA	1.6	1.6	1.8	2.1	2.6	2.4
MINING, RUSK	1.0	1.0	1.0	1.0	1.0	1.0
MINING, SABINE	1.5	1.7	1.9	2.2	2.6	2.9
MINING, SAN AUGUSTINE	1.0	1.0	1.3	1.6	2.1	2.9

### Water User Group (WUG) Management Supply Factor

REGION I	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
MINING, SHELBY	1.0	1.0	1.1	1.4	1.2	1.6
MINING, TRINITY	10.5	10.5	10.5	10.5	10.5	10.5
MINING, TYLER	1.5	1.2	1.6	2.3	4.3	8.2
MURCHISON	1.0	1.0	1.0	1.0	1.0	1.0
NACOGDOCHES	1.0	2.2	2.1	2.0	1.9	1.8
NEDERLAND	1.0	1.0	1.0	1.0	1.0	1.0
NEW CHAPEL HILL	1.0	1.0	1.0	1.0	1.0	1.0
NEW LONDON	1.5	3.4	3.1	2.9	2.6	1.3
NEW SUMMERFIELD	1.6	17.0	15.9	14.7	13.5	3.4
NEWTON	1.1	1.1	1.1	1.1	1.2	1.2
NOME	1.0	1.0	1.0	1.0	1.0	1.0
NOONDAY	1.0	1.0	1.0	1.0	1.0	1.0
NORTH CHEROKEE WSC	1.0	7.7	7.3	6.8	6.3	2.0
NORTH HARDIN WSC	3.5	3.4	3.3	3.2	3.1	3.0
ORANGE	1.0	1.0	1.0	1.0	1.0	1.0
ORANGEFIELD WSC	1.0	1.0	1.0	1.0	1.0	1.0
OVERTON	1.2	1.1	1.1	1.1	1.1	1.1
PALESTINE	1.0	1.0	1.0	1.0	1.0	1.0
PINEHURST	1.0	1.0	1.0	1.0	1.0	1.0
PINELAND	1.1	1.1	1.2	1.2	1.2	1.2
PORT ARTHUR	1.3	1.4	1.4	1.5	1.5	1.5
PORT NECHES	1.0	1.0	1.0	1.0	1.0	1.0
REDLAND WSC	3.9	3.9	3.7	3.6	3.5	3.4
ROSE CITY	6.8	6.7	6.7	6.6	6.5	6.4
RUSK	1.4	5.2	4.9	4.5	4.1	1.6
RUSK RURAL WSC	1.5	3.7	3.5	3.3	3.0	1.4
SAN AUGUSTINE	1.0	1.0	1.0	1.0	1.0	1.0
SILSBEE	1.8	1.8	1.9	1.9	1.9	1.8
SOUR LAKE	3.3	3.3	3.2	3.2	3.1	3.1
SOUTH NEWTON WSC	1.5	1.5	1.5	1.5	1.5	1.5
SOUTHERN UTILITIES COMPANY	1.0	1.0	1.0	1.0	1.0	1.0
STEAM ELECTRIC POWER, ANDERSON	1.0	1.0	1.0	1.0	1.0	0.8
STEAM ELECTRIC POWER, ANGELINA	16.8	16.8	16.8	16.8	16.8	16.8
STEAM ELECTRIC POWER, CHEROKEE	7.3	9.6	10.2	8.6	7.2	6.5
STEAM ELECTRIC POWER, JEFFERSON	1.0	1.0	1.0	1.0	1.0	1.0
STEAM ELECTRIC POWER, NACOGDOCHES	2.7	2.3	1.9	1.5	1.2	1.1
STEAM ELECTRIC POWER, NEWTON	1.0	1.0	1.0	1.0	1.0	1.0
STEAM ELECTRIC POWER, ORANGE	1.2	1.0	1.0	1.0	1.0	1.0
STEAM ELECTRIC POWER, RUSK	1.6	1.4	1.2	1.0	1.0	1.0
STEAM ELECTRIC POWER, TYLER	1.0	1.0	1.0	1.0	1.0	1.0
SWIFT WSC	1.6	1.4	1.3	1.2	1.1	1.0
TATUM	1.4	1.3	1.2	1.1	1.0	1.0
TENAHA	1.9	1.9	1.8	1.7	1.6	1.6
THE CONSOLIDATED WSC	2.2	2.3	2.3	2.4	2.3	2.3
TIMPSON	3.2	3.0	2.9	2.8	2.7	2.6
TROUP	1.0	10.7	10.0	9.3	8.7	2.4
TYLER	1.0	1.0	1.0	1.0	1.0	1.0
TYLER COUNTY WSC	1.6	1.6	1.7	1.7	1.7	1.7
VIDOR	1.0	1.0	1.0	1.0	1.0	1.0
WALNUT GROVE WSC	1.9	1.7	1.5	1.3	1.2	1.0

### Water User Group (WUG) Management Supply Factor

REGION I	WUG MANAGEMENT SUPPLY FACTOR					
	2020	2030	2040	2050	2060	2070
WALSTON SPRINGS WSC	1.0	1.0	1.0	1.1	1.1	1.1
WELLS	2.7	2.6	2.4	2.2	2.1	1.9
WEST HARDIN WSC	2.7	2.7	2.6	2.6	2.6	2.6
WEST JEFFERSON COUNTY MWD	1.0	1.0	1.0	1.0	1.0	1.0
WEST ORANGE	1.0	1.0	1.0	1.0	1.0	1.0
WHITEHOUSE	1.0	7.4	6.7	6.0	5.5	1.8
WODEN WSC	2.3	2.2	2.0	1.8	1.7	1.5
WOODVILLE	6.5	6.6	6.7	6.7	6.7	6.7
WRIGHT CITY WSC	1.5	1.4	1.3	1.2	1.1	1.0
ZAVALLA	1.0	1.0	1.0	1.0	1.0	1.0

\*WUG supplies and projected demands are entered for each of a WUG's region-county-basin divisions. To calculate the Management Supply Factor for each WUG as a whole, not split by region-county-basin the combined total of existing and future supply is divided by the total projected demand.

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