


Draft Mining Projections for the 2021 Brazos G Plan (acft/yr)						
County	Water Demands 2020	Water Demands 2030	Water Demands 2040	Water Demands 2050	Water Demands 2060	Water Demands 2070
BELL	3,242	3,980	4,599	5,349	6,105	6,968
BOSQUE	1,972	2,071	1,892	1,872	1,833	1,821
BRAZOS	1,088	1,610	1,433	1,144	923	814
BURLESON	995	1,923	1,512	1,100	686	428
CALLAHAN	228	227	214	201	190	180
COMANCHE	444	525	363	276	188	128
CORYELL	1,510	1,072	491	363	398	437
EASTLAND	1,164	1,173	929	714	518	432
ERATH	505	536	376	304	232	177
FALLS	225	246	259	286	307	331
FISHER	407	402	359	313	273	238
GRIMES	323	602	471	340	209	128
HAMILTON	393	236	101	0	0	0
HASKELL	93	92	83	74	66	59
HILL	1,634	1,190	775	403	436	472
HOOD	2,078	2,436	2,222	2,133	2,043	2,057
JOHNSON	4,126	2,788	1,515	1,013	1,161	1,336
JONES	239	234	218	199	183	169
KENT	38	38	35	32	29	26
KNOX	15	15	14	14	14	14
LAMPASAS	198	221	241	261	286	313
LEE	3,180	7,289	7,767	8,304	8,904	9,631
LIMESTONE	10,317	9,925	9,865	10,339	10,805	11,425
MCLENNAN	2,538	3,000	3,060	3,508	3,832	4,216
MILAM	14	14	14	14	14	14
NOLAN	225	222	200	178	158	141
PALO PINTO	656	847	625	480	336	235
ROBERTSON	9,913	11,753	13,768	16,222	19,217	22,940
SHACKELFORD	562	747	558	442	328	243
SOMERVELL	1,112	1,279	1,146	1,060	998	971
STEPHENS	5,064	5,141	4,458	3,825	3,257	2,773
STONEWALL	584	576	512	446	388	338
TAYLOR	391	391	366	346	329	315
THROCKMORTON	194	191	171	150	132	116
WASHINGTON	569	866	703	538	373	264
WILLIAMSON	5,163	6,247	7,364	8,555	9,782	11,186
YOUNG	187	276	196	151	105	73
Total	61,586	70,381	68,875	70,949	75,038	81,409







Draft Mining Water Demand Projections for the 2021 Brazos G Plan

Agenda Item 6.12.2

April 5, 2017

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Overview

- Mining water demand includes water use for oil and gas development, as well as coal and lignite, sand aggregate and other resource extraction
- Draft 2021 Mining demands remain the same from 2016 Plan
- Summary
 - Regional total: 68,875 AFY in 2040
 - Regional total: 81,409 AFY in 2070
 - Maximum: 22,940 in Robertson County (2070)
 - All counties have some mining demands
 - Hamilton County: 0 AFY beginning in 2050
 - Knox County: 14 AFY (all decades)



Possible Process for Revisions

- Send draft projections by May 15, 2017 to:
 - County judges
 - Groundwater conservation districts
 - Texas Mining Reclamation Association (TMRA)
 - Others?
- Request revision recommendations by June 30, 2017
- Coordinate with interested parties and TWDB and complete process by August 31, 2017



Alternative Actions

Alt. 1: “The Brazos G Regional Water Planning Group directs the Brazos River Authority and HDR Engineering to coordinate with interested parties and the Texas Water Development Board regarding requested revisions to the draft mining water demand projections for the 2021 Brazos G Regional Water Plan, as proposed by HDR during the presentation of agenda item 6.12.2 on April 5, 2017.”

Alt. 2: “The Brazos G Regional Water Planning Group directs the Brazos River Authority and HDR Engineering to post the draft mining water demand projections to the Brazos G website by May 15, 2017 and coordinate with the Texas Water Development Board and any interested parties who contact Brazos G about the draft projections, through August 31, 2017.”

Alt. 3: “The Brazos G Regional Water Planning Group adopts the draft mining water demand projections for use in the 2021 Brazos G Regional Water Plan, as provided by the TWDB.”

