



Determination of Interruptible Water Available for 2023

***Aaron Abel
Water Services Manager***



What is Interruptible Water?

- **Firm water from reservoirs not used in the previous year**
- **Amount available varies from year to year depending on weather and higher water usage**
- **Availability established annually by the Board**
- **Sold at System Rate (Ag Rate for irrigation)**
- **Began supplying in 2008**

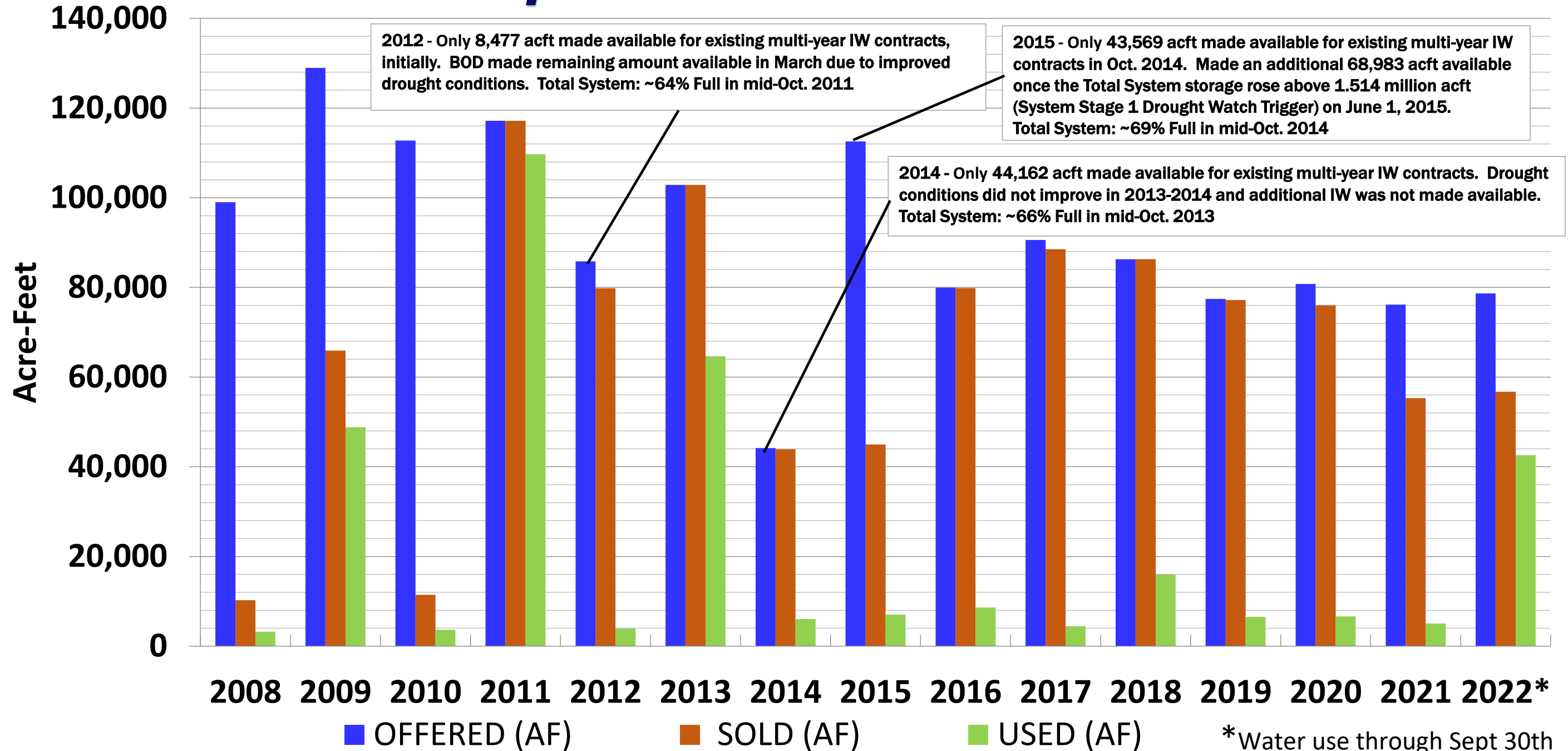


IW Sale Procedure

- Updated Procedures Effective June 20, 2022
- Establishes calculation methodology, application, and allocation process
- Calculation method includes Safety Factor established by the Board
 - Protects/ensures long-term contracts aren't impacted
- Apps received by the Application Deadline (This year – Sept. 30th) get “first shot” at available water
- No longer offer multi-year contracts
- Diversions can be curtailed when any reservoir in the System reaches its Stage 3 Drought Emergency Trigger
- Priority given to requests of 1,000 acre-feet and less when allocating the available water
- Establishes rules when requests exceed the available interruptible water in a certain area
- BRA Board may authorize an amount of Interruptible Water that is less than the amount determined in the calculation depending on drought conditions or other factors that may exist at that time.
- Have flexibility to make Interruptible Water available when water supply conditions improve



Interruptible Water 2008 - 2022





Summary of 2022 Customers

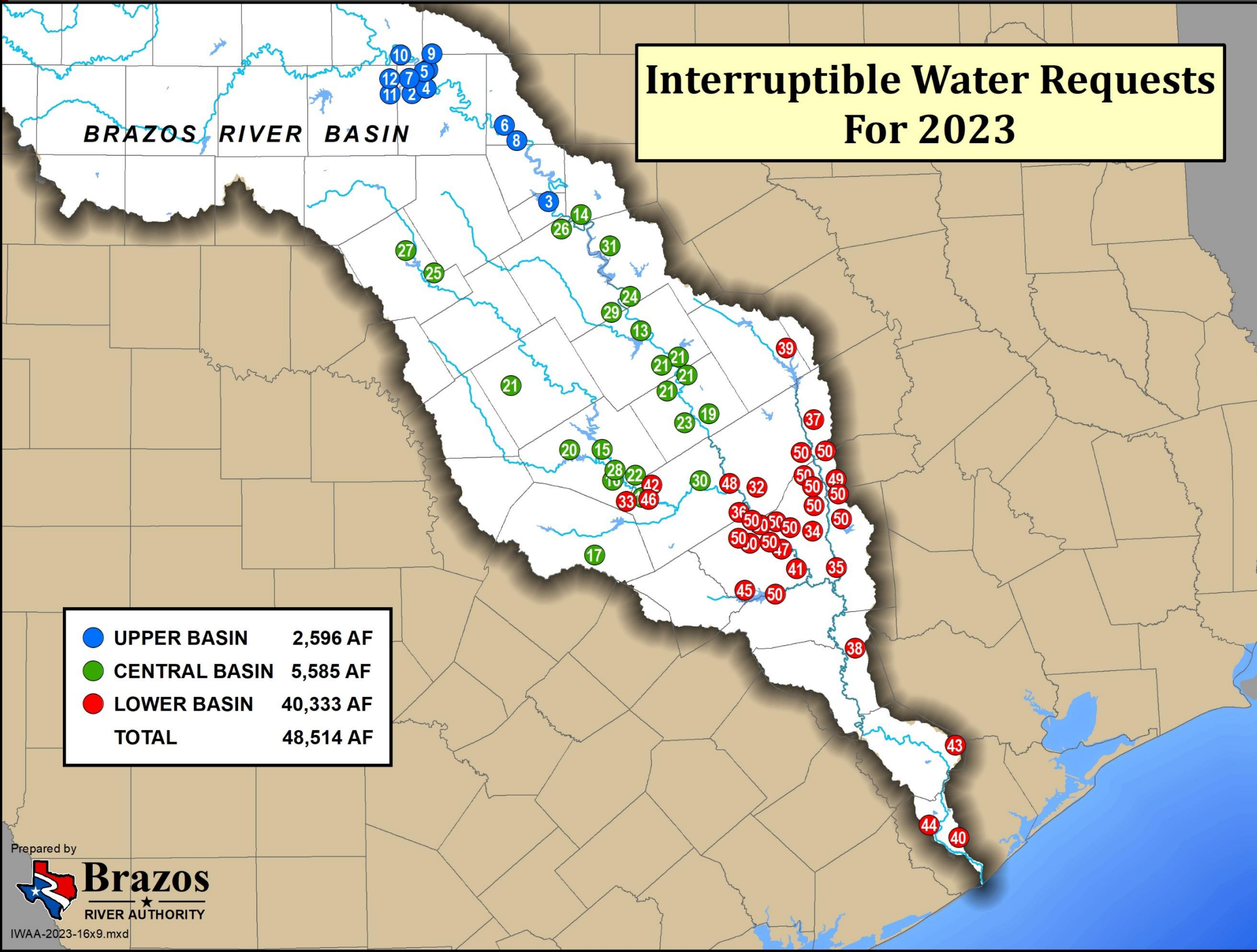
- **Total amount contracted in 2022 = 56,718 AF**
- **Contracts equal to or greater than 1,000 AF = 44,288 AF**
 - Dow (28,000 AF)
 - GCWA (8,738 AF)
 - Dow (5,000 AF)
 - Marecek Land & Cattle LLC (1,550 AF)
 - Hawkwood Energy Operating, LLC (1,000 AF)
- **Contracts less than 1,000 AF = 12,430 AF (59 contracts)**
- **All contracts expire on 12/31/2022 (64 contracts)**
- **Contracts executed/amended after initial request date = 29,933 AF (14 contracts)**

Interruptible Water Availability by Segment

RESERVOIR	2023 Available IW
	(ACFT)
POSSUM KINGDOM GRANBURY WHITNEY	30,272
AQUILLA	1,241
PROCTOR BELTON STILLHOUSE GEORGETOWN GRANGER	13,431
SOMERVILLE	6,725
LIMESTONE	5,707
SYSTEM TOTAL:	57,377



Interruptible Water Requests For 2023



● UPPER BASIN	2,596 AF
● CENTRAL BASIN	5,585 AF
● LOWER BASIN	40,333 AF
TOTAL	48,514 AF

Map #	Requester	Acre-Feet Requested
1	BR AT POSSUM KINGDOM & PALTEX	30
2	GANNETT OPERATING LLC	5
3	GRANBURY MATERIALS LLC	300
4	HILL COUNTRY HARBOR CONDOS	500
5	HILL COUNTRY HARBOR OA	500
6	J & J LAND AND LIVESTOCK CO	25
7	JUNIPER RIDGE PK HOA	100
8	KCM RANCH HOLDINGS LLC	900
9	WACO BEND RANCH LTD	50
10	WELLS OILFIELD SERVICES	10
11	WEST CENTRAL TEXAS MWD	50
12	WEST CENTRAL TEXAS MWD	126
13	ANDREWS; DAVID	5
14	BRAZOS VALLEY GRASS INC	300
15	CURRY; BILL G (Farm Operator Craig Lewis)	100
16	G L FARMS LLC	50
17	HUTTO; CITY OF	30
18	KACIR; DAN	10
19	KOTRLA FARM LP	325
20	LOVELACE; THOMAS E	20
21	MARECEK LAND & CATTLE LLC	1,600
22	MIKESKA; FLORENCE	125
23	MILLER; CODY - CIRCLE M FARMS	200
24	MONARCH MOUNTAIN MINERALS &	50
25	NORTH LEON RIVER IRRIGATION CO	1,000
26	RCB VENTURES DBA TRI-TEX GRASS	550
27	SEARS BROTHERS FARMS LP	400
28	STRASBURGER ENTERPRISES INC	200
29	TULLOS FARMS LLC	220
30	SOL DORADO RANCH	100
31	WHITE BLUFF P O A	300
32	3-D FARMS	450
33	AKA FARMS (AARON MARTINKA)	150
34	APACHE CORPORATION	227
35	BLUEBONNET MATERIALS	100
36	CHESAPEAKE ENERGY CORPORATION	182
37	COMSTOCK OIL & GAS LLC	645
38	CREEKSIDE NURSERY LLC	400
39	CRESCENT PASS ENERGY LLC	96
40	DOW CHEMICAL COMPANY	23,000
41	ENERSOL GROUP	51
42	GOODMAN 502 UE LLC	10
43	GULF COAST WATER AUTHORITY	9,718
44	HPCP INVESTMENTS LLC	200
45	IRONROC ENERGY PARTNERS LLC	300
46	KACIR WHEELER LLC	35
47	KNIFE RIVER CORPORATION	499
48	LRR PECOS VALLEY	820
49	VESS OIL CORPORATION	450
50	WILDFIRE ENERGY LLC	3,000
TOTAL		48,514

Prepared by



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Current Drought: Factors to Consider

- **Reservoir System (currently 71% full (1.37 million acre-feet)) similar to 2013 and 2014 levels (years in which new IW was not initially made available for the following year):**
 - **Mid October, 2013 – 66% full (1.26 million acre-feet)**
 - **Mid October, 2014 – 69% full (1.34 million acre-feet)**
- **All reservoirs/reservoir subsystems including the System as a whole in Stage 1 Drought Watch**
- **Lake Proctor in Stage 3 Drought Emergency**
- **Inflows comparable to historic lows (comparable to 2011)**
- **Worst case projections indicate the BRA system reaching Stage 3 Drought Emergency by the last quarter of 2023**



Recommendations

- **Authorization of Interruptible Water in 2023 is not recommended unless drought conditions improve**
 - **Come back to the Board to authorize 2023 Interruptible Water if water supply conditions improve during Calendar Year 2023**



“BE IT RESOLVED by the Board of Directors of the Brazos River Authority (BRA) that, due to continued drought conditions, exceptionally low reservoir inflows, the Stage 3 Drought Emergency declaration for Lake Proctor and potential for additional Stage 3 Drought Emergency declarations in 2023, no Interruptible Water will be authorized for sale in Calendar Year 2023 at this time.

BE IT FURTHER RESOLVED that, if drought conditions improve and inflows produce a significant increase in reservoir storage within the BRA water supply system, the authorization of Interruptible Water for calendar year 2023 may be presented to the Board for consideration at a later date.”



Brazos

RIVER AUTHORITY

BRA Water Supply Reservoirs "PERCENT FULL" November 9, 2022

Combined Storage of Authority System is Below Stage 1 Drought Watch Storage Trigger

