

State of the District

Sidney Youngblood, Board President
Milam and Burleson Counties Groundwater Summit

August 12, 2021



Experienced Staff

Gary Westbrook, General Manager

Elaine Gerren, Admin. Asst./Office Mgr.

Doug Box, Education Coordinator

Bobby Bazan, Water Resources Manager

Craig Andrews, Field Technician

Jordan Aldridge, Field Technician



Experienced Board

MILAM COUNTY

SID YOUNGBLOOD, PRES.

WARD RODDAM

STEVEN WISE, VICE PRES.

DANA MCCLAREN

BOB WILSON

INTEREST

INDUSTRIAL

MUNICIPAL

AT LARGE

AGRICULTURE

RURAL WATER

BURLESON COUNTY

LEE ALFORD, III

TOMMY TIETJEN, SEC/TRES

BECKY GOETSCH.

JAY WILDER

ED SAVAGE



Dealing with COVID-19

- DISTRICT OFFICES REMAINED OPEN- NO DAYS MISSED
- ALL COMMITTEE AND BOARD MEETINGS TIMELY HELD
- SUCCESSFUL HYBRID MEETINGS INCLUDED PUBLIC PARTICIPATION
- ALL BUSINESS ATTENDED TO WITH PRECISION AND EFFICIENCY
- PRACTICED ALL NECESSARY SAFETY PROTOCOLS
- MAINTAINED PUBLIC INVOLVEMENT
- ALL EDUCATION PROGRAMS CONTINUED



Monitoring Well Summary

- 323 MONITOR WELLS, INCREASED FROM 292, COVERING 8 AQUIFERS
- 31 MONITOR WELLS EQUIPPED WITH TRANSDUCERS TO RECORD CONTINUOUS HOURLY MEASUREMENTS
- 28 MONITOR WELLS, INCREASED FROM 10, EQUIPPED WITH ACOUSTIC DEVICES PROVIDING REAL TIME REPORTING
- 10 MONITOR WELLS, INCREASED FROM 8, FROM CONVERTED ABANDONED OIL AND GAS WELLS IN STRATEGIC AREAS
- 5 MONITOR WELLS DRILLED BY THE DISTRICT IN STRATEGICALLY LOCATED PLACES
- WATER LEVEL MONITORING INFORMATION AVAILABLE TO YOU 24/7 THROUGH ACCESS OF THE DISTRICT'S WEBSITE ON YOUR DEVICE
- IDENTIFICATION OF AREAS OF INTEREST FOR FUTURE MONITORING WELL LOCATIONS



Groundwater Conservation Grants

- 1 MILLION AWARDED THROUGH 6 GRANTS DURING 2021 TO PUBLIC WATER UTILITIES IN BOTH COUNTIES, BRINGING THE TOTAL SINCE 2006 TO MORE THAN 100 GRANTS TOTALING \$15.3 MILLION AWARDED FOR GROUNDWATER CONSERVATION
- ALL LOCAL WATER UTILITIES IN THE DISTRICT HAVE RECIVED FUNDING
- \$5,942 AWARDED TO LOCAL VOLUNTEER FIRE DEPARTMENTS FOR WATER CONSERVATION MATERIALS AND NOZZLES
- 18 RAINWATER HARVESTING SYSTEMS INSTALLED SINCE 1-1-20 WITH 27 CISTERNS WITH A TOTAL OF 100,260 GALLONS OF STORAGE
- \$15,209 AWARDED SINCE 1-1-20 TO PLUG ABANDONED WATER WELLS



Education Efforts

- MILAM AND BURLESON COUNTIES GROUNDWATER SUMMIT (7TH!)
- DURING 2020 COOPERATIVE CONSERVATION CLASSES THROUGH TEXAS A&M AGRILIFE WITH 5 WORKSHOPS SERVING 138 WITH CLASSES ON RAINWATER HARVESTING, EARTHKIND, AND IRRIGATION WITH COLLECTED RAINWATER
- DURING 2021 4 MORE WORKSHOPS SERVING A TOTAL OF 231 PERSONS
- COOPERATIVE WATER QUALITY TESTING FOR MORE THAN 100 PRIVATELY OWNED WATER WELLS
- SUPPORTED STATE-WIDE TEXAS A&M AGRILIFE 4-H WATER AMBASSADORS PROGRAM EDUCATING 66 HIGH SCHOOL STUDENTS ON WATER ISSUES ACROSS THE STATE



DISTRICT WEBSITE www.posgcd.org

- REMAINS A BIG PART OF OUR OUTREACH TO CITIZENS AND LANDOWNERS.
- COMPLETED UPGRADE AND UPDATE TO WEBSITE IN 2021
 - >NOW RUNS 25% FASTER
 - >MORE USER FRIENDLY = MUCH EASIER TO NAVIGATE
- IN 2020 OUR WEBSITE ENJOYED A TOTAL OF 27,913 PAGE VIEWS DURING 10,578 SESSIONS FROM 9251 VISITORS. THIS YIELDS AN AVERAGE DAILY PAGE VIEW COUNT OF 76.3, WITH AN AVERAGE OF 253 VISITORS PER DAY.
- 2021 DAILEY VIEWS INCREASED TO 106.7 WITH 34.4 VISITORS/DAY
- POSGCD TWITTER ACCOUNT RECEIVES AN AVERAGE OF 54 VIEWS PER DAY WITH 376 FOLLOWERS
- FACEBOOK POSTS AVERAGING 22 VIEWS AND 100% RETENTION.



AQUIFER CONSERVANCY PROGRAM (ACP)

- NOW OVER 600 PARCELS AND MORE THAN 45,000 ACRES ENROLLED
- OVER 70% OF ENROLLED ACRES FOR 20 YEARS
- GOOD DISTRIBUTION OVER THE 2 COUNTIES
- WHY NOT JOIN YOUR NEIGHBORS AND SIGN-UP TODAY?!



GROUNDWATER WELL ASSISTANCE PROGRAM (GWAP)

- EFFECTIVELY IMPLEMENTED
- MOST AFFECTED WELLS IDENTIFIED AND CORRECTED BEFORE LOSS OF SERVICE
- AVERAGE RESPONSE TIME LESS THAN 48 HOURS
- AVERAGE TIME TO RESOLVE ISSUES IS LESS THAN 4 DAYS
- FUNDED BY FEES COLLECTED BY THE DISTRICT AT APPROX. \$150,000 / YEAR
- EFFORTS INCLUDE SCIENCE AS WELL AS ASSISTANCE
- WELLS ON LEASED PROPERTIES REIMBURSED TO DISTRICT BY LESSEES
- MONTHLY UPDATES WITH TOTALS TO BOARD AND POSTED ON WEBSITE



RESOLUTION OF VISTA RIDGE DISCHARGE ISSUE

DUE DILLIGENCE IN INVESTIGATION B Y THE DISTRICT PURSUANT TO ITS CHARGE UNDER CHAPTER 36, THE DISTRICT'S RULES AND MISSION STATEMENT INCLUDING MORE THAN 10 MONTHS OF COLLABORATIVE RESEARCH WHICH RESLUTED IN:

- >RESOLUTION AGREEMENT BETWEEN DISTRICT AND VISTA RIDGE
- >AMENDED POLICIES AND PROCEDURES BY PERMITTEE AND CONTRACTORS
- >INFUSION OF DASHBOARD INFORMATION WHICH IS NOW AVAILABLE TO THE PUBLIC AND UPDATED MONTHLY
- >NETTED \$105,000 WHICH IS INVESTED IN DISTRICT GWAP
- >REFINEMENT OF DISTRICT RULES TO PROVIDE STRONG DEFINITIONS FOR FUTURE PREVENTION



INCREASED EFFORTS TO IMPROVE SCIENCE

- FURTHER IMPROVEMENTS TO GROUNDWATER AVAILABILITY MODEL
- INCREASED STAFF TO PERFORM ON-SITE MODELLING AND MEASUREMENTS
- ADDITIONAL VETTING OF AQUIFER BOUNDARIES AND PROPERTIES IN CARRIZO-WILCOX OUTCROP
- IMPROVED RELIABILITY IN THE METHODS AND CRITERIA USED TO EVALUATE DFC COMPLIANCE
- ASSESSMENT OF UNCERTAINTY IN LONG-TERM FORECAST OF PUMPING IMPACTS
- STRETCHING OUR \$ - INVESTIGATING OPPORTUNITIES FOR COLLABORATIVE STUDIES



2021 BUDGET HIGHLIGHTS

2021 BUDGET \$3M

