



FILED FOR RECORD
2015 APR -9 PM 12:30
Kelly P. Nixon
COUNTY CLERK LUBBOCK COUNTY, TEXAS

**HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
WORK SESSION**

**TUESDAY, APRIL 14, 2015
1:30 P.M.**

**A. WAYNE WYATT BOARD ROOM
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT OFFICE
2930 AVENUE Q, LUBBOCK TX 79411-2499**

AGENDA

- 1) The President will call the work session to order.
- 2) *(This item intentionally left blank.)*
- 3) *(This item intentionally left blank.)*
- 4) The Board will review and discuss the Consent Agenda items:
 - a. Minutes of the March 10, 2015 public hearing at Tulia, TX.
 - b. Minutes of the March 10, 2015 regular meeting at Tulia, TX.
 - c. Report on the financial status of the District from the General Manager for the month of March 2015.
 - d. Bills incurred by the District for the month of March 2015 and travel vouchers for the Board members and eligible staff.
- 5) *(This item intentionally left blank.)*
- 6) *(This item intentionally left blank.)*

- 7) The Board will review and discuss applications for water well permits received for the month of March 2015.
- 8) The Board will review and discuss tasks for the Dockum Aquifer study.
- 9) The Board will review and discuss appointing a committee to evaluate research projects in accordance with the district's adopted Funding Requests for Research/Demonstration policy.
- 10) The Board will review and discuss possible action regarding County Advisory Committees.
- 11) The Board will review and discuss the status of other District programs and items of possible interest as reported by the General Manager:
 - a. Legislative Activity
 - b. Staff Reports
 - c. Correspondence
 - d. District current work efforts
- 12) *(This item intentionally left blank.)*
- 13) *(This item intentionally left blank.)*
- 14) Adjourn.

NOTE: Work Sessions are primarily for the benefit of the Board of Directors, although they are open to the public. No public comment will be heard during Board Work Sessions. Public comment may be made at the regularly scheduled Board of Directors meeting.

No Board action will be taken at the Work Session and any items ultimately warranting Board action will be revisited at a regularly scheduled Board of Directors meeting.



FILED FOR RECORD
2015 APR -9 PM 12:31

Kelly Prion
COUNTY CLERK LUBBOCK COUNTY, TEXAS

**HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
BOARD OF DIRECTORS MEETING**

**TUESDAY, APRIL 14, 2015
2:30 P.M.**

**A WAYNE WYATT BOARD ROOM
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT OFFICE
2930 AVENUE Q, LUBBOCK TX 79411**

AGENDA

1. The President will call the meeting to order and establish a quorum.
2. The Board will hear presentations from students who received HPWD awards for outstanding water-related projects at the 59th annual Regional Science and Engineering Fair held Feb. 13 in Lubbock.
3. The Board will hear a status report on the Environmental Quality Incentives Program (EQIP) from Darren Richardson of the USDA-NRCS.
4. The Board will discuss and take possible action to approve the Consent Agenda:
 - a. Approval of minutes of the March 10, 2015 public hearing at Tulia, TX.
 - b. Approval of minutes of the March 10, 2015 board meeting at Tulia, TX.
 - c. Adoption of report on the financial status of the District from the General Manager for the month of March 2015.
 - d. Approval of the bills incurred by the District for the month of March 2015 and travel vouchers for the Board members and eligible staff.
5. Take up any items removed from the Consent Agenda.

6. Public comment (*Only persons that complete a registration form indicating their desire to comment will be recognized.*) **Comments will be limited to three (3) minutes per person regarding agenda items only.**
7. The Board will discuss and take possible action on approval of applications for water well permits received for the month of March 2015.
8. The Board will discuss and consider possible action on tasks for the Dockum Aquifer study.
9. The Board will discuss and appoint a committee to evaluate research projects in accordance with the district's adopted Funding Requests for Research/Demonstration policy.
10. The Board will discuss and take possible action regarding County Advisory Committees.
11. The Board will hear reports on the status of other District programs and items of possible interest from the General Manager:
 - a. Legislative Activity
 - b. Staff Reports
 - c. Correspondence
 - d. District current work efforts
12. The Board will convene a Closed Executive Session as authorized by Chapter 551 of the Texas Government Code (*Open Meetings Act*).
13. The Board will reconvene to consider any action needed following the Closed Executive Session.
14. Adjourn.

NOTES:

Agenda items may be considered, deliberated, and/or acted upon in a different order than set forth above, which represents an estimate of the schedule at the time notice is issued. The Board of Directors may discuss, consider, and take all necessary action, including possible expenditure of funds, regarding any item on the agenda.

At any time during any meeting or hearing and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, the District Board may meet in a closed executive session on any agenda item or other lawful items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gifts (§551.073); personnel matters (§551.074); and deliberation regarding security devices (§551.076). Any subject discussed in closed session may be subject to action during an open meeting. Closed sessions on individual agenda items will not be posted separately in any manner other than the notice provided in this paragraph, regardless of any past practice of the District.

The District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at (806) 762-0181 at least 24 hours in advance if accommodation is needed.

I, the undersigned authority, do hereby certify that the above Notice of Meeting of the governing body of the above named political subdivision, is a true and correct copy of said Notice, and that a true and correct copy of said Notice was furnished via electronic transmission to the Office of Texas Secretary of State and posted on the bulletin board, located at a place convenient to the public in its administrative office at 2930 Avenue Q, Lubbock, Texas, and said Notice was posted on April 9, 2015 and remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting. A true and correct copy of said Notice has been filed with the Lubbock County Clerk on April 9, 2015, a true and correct copy of said Notice was posted on the bulletin board of the Lubbock County Courthouse on April 9, 2015, and said Notice remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting.

Dated this the 9th day of April, 2015.

High Plains Underground Water Conservation District No. 1

By _____



Jason Coleman, P.E., General Manager

**HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
BOARD OF DIRECTORS REGULAR MEETING**

HPWD OFFICE, 2930 AVENUE Q, LUBBOCK TX 79411

APRIL 14, 2015

The Board of Directors of the High Plains Underground Water Conservation District No. 1 (*the Board*) convened a regular meeting in the A. Wayne Wyatt Board Room of the High Plains Underground Water Conservation District office, 2930 Avenue Q, Lubbock, Texas, with the following members present:

Lynn Tate, President
Brad Heffington, Vice-President
Mike Beauchamp, Secretary-Treasurer
Ronnie Hopper, Member
Dan Seale, Member

(Attached to these minutes is the *Notice of Meeting of the Governing Body of the High Plains Underground Water Conservation District No. 1 [District]* calling said meeting, which was served upon the directors and publicly posted in accordance with applicable law.)

CALL TO ORDER & ESTABLISH QUORUM

President Tate called the Board of Directors meeting to order at 2:35 p.m. with the above-referenced directors in attendance. A quorum was present.

J. Collier Adams of Morton was the only visitor signing in for today's Board meeting.

District staff members in attendance were Jason Coleman, General Manager; Kody Bessent, Legislative Affairs Director; Adeline Fox, Education and Outreach; Jed Leibbrandt, GIS Specialist; Carmon McCain, Information/Education Group Supervisor; Juan Peña, Permit Supervisor; Gray Sanders, Information Technology Administrator; and Keith Whitworth, Field Staff Supervisor.

President Tate welcomed the Board members, staff, and members of the public to today's meeting.

PRESENTATIONS FROM STUDENTS RECEIVING HPWD SCIENCE FAIR AWARDS

Mr. McCain and Ms. Fox welcomed the five students in attendance. They are recipients of HPWD awards for best water-related projects at the 59th South Plains Regional Science and Engineering Fair held Feb. 13 at the United Supermarkets Arena at Texas Tech.

Ms. Laura Wilbanks of Whiteface Middle School introduced students Elizabeth Casarez, Kaden Moses, Kaleb Ruthardt, and Dwayne Scott. They discussed their project, "The Cost of Hydraulic Fracking: The Effect of Fracking 'Post-Use' Water on Living Organisms." This project has been submitted to the E-Cybermission competition sponsored by the U.S. Army Educational Outreach Program.

Abbigail Hines, a senior at Christ The King School, reviewed her project, “An Evaluation of Varying Irrigation Rates on Gossypium hirsutum L. for Growth and Greatest Yield.” This project examined varying drip irrigation application rates on six cultivars of cotton.

President Tate and the Board of Directors commended the students on their outstanding projects. He thanked them for attending today’s meeting and wished them the best for the remainder of their school year.

The students left the meeting at this time.

STATUS REPORT ON EQIP PROGRAM

President Tate invited Mark Hall, project manager with the USDA-NRCS, to provide an update on the Environmental Quality Incentives Program (EQIP).

Mr. Hall thanked the Board for the opportunity to speak with them today. Darren Richardson, Assistant State Conservationist for Field Operations, had planned to attend—but could not due to an unexpected conflict.

He said funding for USDA-NRCS programs has been cut dramatically--especially in the South Plains region. This has impacted the Ogallala Aquifer Initiative (OAI) and the Agricultural Water Enhancement Program (AWEP). For example, the Zone 1 area (51 counties) has received \$20 to 30 million in funding for projects in the past. Current funding is only \$10 million.

Mr. Hall said the USDA-NRCS hopes to know more about funding of the Ogallala Aquifer Initiative next week.

The Board of Directors thanked Mr. Hall for his remarks. He left the meeting at this time.

CONSENT AGENDA

President Tate called on the Board to approve the consent agenda for today’s meeting as follows:

- Approval of minutes of the March 10, 2015 public hearing at Tulia, TX.
- Approval of minutes of the March 10, 2015 regular meeting at Tulia, TX.
- Adoption of report on the financial status of the District from the General Manager for the month of March 2015. A comparison of actual vs budget income/expense for the current fiscal year is attached as part of these minutes.
- Approval of the bills incurred by the District for the month of March 2015 and travel vouchers for the Board members and eligible staff.

Mr. Beauchamp made a motion to approve the consent agenda. Mr. Hopper seconded the motion. All members voted in the affirmative as expressed by a show of hands. The motion was unanimously approved.

ITEMS REMOVED FROM CONSENT AGENDA

No items were removed from the Consent Agenda. No action was taken.

PUBLIC COMMENT

President Tate invited those present to offer public comment regarding today's agenda items. *(Only persons that completed a registration form indicating their desire to comment were recognized.)*

J. Collier Adams of Morton offered public comment regarding HPWD funding of research projects.

President Tate then gave all those present an opportunity to provide comment, if desired. Hearing none, the public comment period ended.

APPLICATIONS FOR WATER WELL PERMITS

President Tate called on the Board to discuss and take possible action on approval of 71 applications for water well permits received during the month of March 2015.

Mr. Peña reported there were four applications for water wells to be completed into the Dockum Aquifer during March 2015. There is one well in Floyd County and three in Randall County.

There are 67 applications for wells to be completed into the Ogallala Aquifer. There were seven in Castro County; seven in Cochran County; nine in Deaf Smith County; six in Floyd County; eight in Hale County; five in Hockley County; 10 in Lamb County; four in Lubbock County; three in Lynn County; six in Parmer County; and two in Swisher County.

All permit applications comply with the rules of the District. There being no questions or comments on the report, Mr. Heffington made a motion to approve applications for water well permits for March 2015 as presented. Mr. Seale seconded the motion. All members voted in the affirmative as expressed by a show of hands. The motion was unanimously approved.

There were two wells completed in the Dockum Aquifer and 45 water well completions in the Ogallala Aquifer during March 2015.

There were 105 wells completed within the district during the period Jan. 1-March 31, 2015. This includes three wells in the Dockum Aquifer, one in the Edwards-Trinity Aquifer, and 101 wells in the Ogallala Aquifer.

There was one tailwater complaint (*Lubbock County*), one cave-in (*Lamb County*), two open holes (*Deaf Smith and Lamb Counties*) and one open hole and cave-in (*Lamb County*) investigated during March 2015.

President Tate commended Mr. Peña and his staff for their efforts to keep waiting time for permits to a minimum.

DISCUSS AND CONSIDER POSSIBLE ACTION ON TASKS FOR THE DOCKUM AQUIFER STUDY

Mr. Coleman told the Board that he and President Tate have made revisions to the task list for the Dockum Aquifer study following last month's Board of Directors meeting.

Following brief discussion, Mr. Heffington made a motion to approve the Dockum Aquifer Study proposal as presented at today's meeting. Mr. Beauchamp seconded the motion. All members voted in the affirmative as expressed by a show of hands. The motion was unanimously approved.

DISCUSS AND APPOINT A COMMITTEE TO EVALUATE RESEARCH PROJECTS

President Tate called on the Board to discuss and take possible action to appoint a committee to evaluate research projects in accordance with the District's adopted "Funding Requests for Research/Demonstration Policy."

The policy was unanimously adopted by the HPWD Board at their October 14, 2014 meeting. It states that "A research/demonstration committee shall be appointed annually by the Board President, which consists of the District's General Manager or designee, two HPWD Board Members, two HPWD County Advisory Committee members, and two Members-At-Large."

President Tate proposed the following appointees:

- Precinct Three Director Mike Beauchamp, Chairman.
- Precinct Five Director Ronnie Hopper.
- HPWD General Manager Jason Coleman.
- HPWD County Advisory Committee member Charles Allison.
- HPWD County Advisory Committee member Kevin Riley.
- Dr. John Abernathy, former dean, Texas Tech College of Agricultural Sciences and Natural Resources. (At-Large)
- Dr. Dana Porter, Agricultural Engineer, Texas A&M AgriLife Extension Service. (At-Large)
- Kelly Kettner, agricultural producer. (At-Large)

President Tate asked the Board to consider appointing an additional At-Large member to the research/demonstration committee. It was the consensus of the Board to do so.

Mr. Heffington made a motion to accept President Tate's recommendations and appoint these persons to a one-year term on the research/demonstration committee. Mr. Seale seconded the motion. All members voted in the affirmative as expressed by a show of hands. The motion was unanimously approved.

President Tate said the HPWD Board appreciates the willingness of these persons to serve on the committee. A letter of appointment/congratulations will be mailed to each one on behalf of the HPWD Board.

COUNTY ADVISORY COMMITTEE MEMBERS

President Tate called on the Board to discuss and take possible action on County Advisory Committee members. No action was needed on this agenda item.

REPORTS ON STATUS OF DISTRICT PROGRAMS FROM THE MANAGER

Mr. Coleman asked Ms. Fox, Mr. Bessent, and Mr. Whitworth to update the Board on projects within their respective work areas.

EDUCATION AND OUTREACH: Ms. Fox said she attended the March 26 “Texas Water Day at the Capitol.” Representatives from Cargill meat processing plant at Friona were on hand to receive the Blue Legacy in Water Award for Manufacturing from the Water Conservation Advisory Council. HPWD nominated the Cargill plant for this award.

She also told the Board that the first of the District’s four annual rainwater harvesting/xeric landscape workshops was held April 9th at the Mallet Event Center in Levelland. Mr. Coleman gave introductory remarks, Ms. Fox discussed the concepts of rainwater harvesting, and Mr. McCain spoke about water-wise landscaping. At the conclusion of the workshop, 20 participants received rainwater harvesting barrels and rain chains. Each workshop is full—with exception of April 23 in Muleshoe.

LEGISLATIVE AFFAIRS: Mr. Bessent reported that Senate Bill 611 was voted favorably out of committee. The enactment of SB 611 will provide a private water well owner/operator the opportunity, if they so choose, to maintain confidentiality of their information when submitting a production report to a groundwater conservation district (GCD). Supporters of the legislation attest that it provides individuals the option to protect their private property information—while still allowing a GCD to study aquifer conditions and better manage groundwater resources on a local level. The High Plains Water District strongly supports SB 611 as passed out of the Senate. This policy initiative is essential to protecting an individual’s private property information. He shared a copy of his written testimony in favor of the legislation with the Board of Directors.

He also reported on the following legislation:

- **HB 30** – Relating to development of brackish groundwater.
- **HB 655** – Relating to storage and recovery of water in aquifers.
- **HB 930** – Relating to water well drillers and pump installers.
- **HB 950** – Relating to review of GCDs by the State Auditor’s Office.
- **HB 1221** – Relating to seller’s disclosures in connection with residential real property subject to groundwater regulations.
- **HB 2767** – Relating to powers and duties of GCDs.

There is about six weeks remaining in the regular session of the 84th Texas Legislature. Mr. Bessent said it is a very busy time—but everything appears to be going well so far. The pace will quicken as the end of the session nears.

IRRIGATION ASSESSMENT 2014: Mr. Whitworth gave a PowerPoint presentation detailing the results of the district’s 2014 Irrigation Assessment program.

There are 101 irrigation systems covering 14,242.9 acres in this year's program. The irrigation assessment sites were evenly distributed throughout 15 of the 16 counties in the HPWD service area. Potter County was not represented due to the small area of the county within the district.

Data collected indicated the following average irrigation, rainfall, and yield:

Grain Corn	18 inches of irrigation	17.5 inches of rain	212 bushels/acre
Cotton	9 inches of irrigation	18 inches of rain	1,129 lbs/acre
Silage	21 inches of irrigation	17 inches of rain	23 tons/acre
Grain Sorghum	8 inches of irrigation	19 inches of rain	4,042 lbs/acre
Peanuts	15 inches of irrigation	17 inches of rain	2,968 lbs/acre

Mr. Whitworth noted that smaller acreages of peas, triticale, sunflowers, wheat, green beans, and pumpkins were included in the program.

He expressed appreciation to all the producers participating in the program. Each was helpful in gathering and submitting voluntary information. This information has been of great interest to most producers and they are pleased that HPWD has reinstated the program.

DOCKUM AQUIFER: Mr. Coleman gave a brief presentation regarding HPWD efforts to study the Dockum Aquifer.

Using oilfield logs and other sources of information from the High Plains Aquifer system GAM, a view of the elevation of the base of the Dockum Aquifer within the district was shown. The number of data points used to create the model is limited at present—but additional data/information will be obtained through establishment of a Dockum Aquifer observation well network and geophysical logging.

TWDB Report 359 uses data contoured at 200 foot intervals to provide a “stair-step” view of the base of the aquifer. Mr. Coleman used this data to illustrate the well-defined pockets and channels in the Dockum Aquifer.

He showed cross section illustrations of the aquifer from Deaf Smith to Cochran Counties, Potter to Hockley Counties, and Randall to Lynn Counties.

This work product is part of the Dockum Aquifer study tasks approved by the Board earlier in the meeting.

The Board thanked Mr. Coleman for his report and commended staff for their efforts.

No other staff reports were given.

CORRESPONDENCE

Mr. Coleman called the Board's attention to thank-you notes for contributions the HPWD Board made to Lubbock Childrens Home in memory of Mrs. Frank Mullican (*Bill Mullican's mother*) and the Floyd County Museum in memory of long-time agricultural producer Don Marble.

CLOSED EXECUTIVE SESSION

President Tate announced that the HPWD Board will begin its closed Executive Session at 4:55 p.m. as authorized by Chapter 551.071 (*Attorney Privilege*), Texas Government Code, (Open Meeting Act).

RECONVENE TO CONSIDER ANY ACTION NEEDED FOLLOWING THE CLOSED EXECUTIVE SESSION

President Tate announced that the HPWD Board completed its closed Executive Session at 5:40 p.m. No action was taken.

There being no other business, Mr. Beauchamp made a motion to adjourn the meeting. Mr. Hopper seconded the motion. All members voted in the affirmative as expressed by a show of hands. The motion was approved. The meeting was adjourned at 6:00 p.m.

Respectfully submitted,

A handwritten signature in blue ink that reads "Mike Beauchamp". The signature is written in a cursive style and is positioned above a horizontal line.

Mike Beauchamp, Secretary-Treasurer