

**MINUTES OF A REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
HORIZON REGIONAL M.U.D.**

A regular meeting of the Board of Directors of the Horizon Regional M.U.D. was held on Wednesday, February 11, 2015 at 3:00 p.m. 14100 Horizon Blvd, Horizon City, Texas, pursuant to notice given in accordance with the law.

The roll was called of the members of the board, to-wit:

Benny Davis	-	President
Bonnie Moorhouse	-	Vice President
Bob Jarvis	-	Secretary
Florence K. Thomas	-	Treasurer
Dean Hulsey	-	Asst. Secretary

Director B. Davis called the meeting to order. A quorum was established. Also attending the meeting were the District's consultants: Severn Trent Services. Project Manager Charlie McGinnis and Administrative Assistant Elvia Munoz, TRE & Associates, Inc. Linda Troncoso, Adrian Rosas, & John Jansen. The Pledge of Allegiance was said with audience participation.

**4. RECEIVE CITIZEN COMMUNICATIONS**

No citizen communications.

**5. CONSIDER AND TAKE ACTION TO APPROVE THE PAYMENT OF BILLS AND INVOICES FOR OPERATIONS AND CONSTRUCTION; AND TO APPROVE THE TRANSFER OF FUNDS.**

Motion was made by Director B. Jarvis and seconded by Director K. Thomas to approve the payment of bills, invoices for operations and construction, and to approve the transfer of funds.

Vote was unanimous to approve.

**6. CONSIDER AND TAKE ACTION ON CHANGE ORDER NO. 1 FOR PARKER AG.**

Engineer L. Troncoso explains change order #1 reflects the additional 3600 dry tons of sludge removal required for the wastewater lagoon closure. Ms. Troncoso also explains it is in the budget.

Motion was made by Director K. Thomas and seconded by Director B. Jarvis to approve payment for existing 3600 dry tons of sludge.

Vote was unanimous to approve.

**7. CONSIDER AND TAKE ACTION ON LAGOON DECOMMISSIONING PROJECT.**

Engineer L. Troncoso explains that the Lagoon Decommissioning project El Paso Disposal is to haul 300 dry tons per day. Instead El Paso Disposal was only hauling 225-275 tons per day. In the last 3 days El Paso disposal has been hauling 500-600 dry tons. Director B. Jarvis explained that Area Manager L. Quesada from El Paso Disposal committed to haul the correct amount per day and was not met therefore, the District will not pay any extra fees. Engineer L. Troncoso mentioned that Ms. Quesada committed in writing the 300 tons. Ms. Troncoso mentioned there was 28 days left before contract completed. Director B. Moorhouse asked if sludge was going to New Mexico. Ms. Troncoso replied yes.

No action taken.

**8. DISCUSS CONSTRUCTION PROJECTS ALTERNATIVES AND STRATEGY FOR NEW BOND ISSUE.**

Engineer A. Rosas from TRE & Associates presents power point to Board Members on construction project alternatives and strategy for new bond issue. Mr. Rosas begins the presentation.

**HRMUD PAST AND CURRENT BOND WATER PROJECTS**

3-1,000 gpm IH-10 wells  
24" IH\_10 well gathering line  
1.0 mgd RO addition – Train D  
RO WTP Membrane Replacement  
1.0 mgd RO Concentrator  
Concentrate Evaporation Pond Addition  
Concentrate Evaporation Pond Liner Rehabilitation

**CONNECTIONS SERVED BY CURRENT BOND PROJECT**

Current connection capacity:  
Water – 10,409 connections  
Wastewater – 8,941 connections  
Current connections:  
Water - 9,549 connections  
Wastewater connections – 7,436 connections

**HISTORICAL GROWTH**

Year 1995 2,298 total water connections 0.0% annual growth  
Year 2014 9,549 total water connections 1.5% annual growth

**CONNECTION AVERAGES**

Total water connections	Annual Growth	Monthly Growth	%Annual Growth
3 year average	133	11	1.4%
5 year average	213	18	2.4%
10 year average	478	40	10.6%
1995-2014 average	382	32	7.9%

Assumed a future growth rate of 215 connections per year. Future projects TRE has 2 alternatives to add another RO instead of more ponds.

**ALTERNATIVE (A) RO WTP 4.2 MGD EXPANSION SUPPLY**

1 H-10 1,000gpm well  
Water treatment:  
1 RO feed water GST  
2 RO feed water BPS  
3 3-storage RO WTP (4.2 mgd total)  
4 Salttech Dyvar Concentrate Treatment System  
Water distribution:  
1 Potable water BPS  
**Total cost \$21,144,000.00**  
Cost per gallon \$5.03

## **ALTERNATIVE (B) 2.0 MGD DIRECT POTABLE REUSE FACILITY**

Water supply treatment:

- 1 DPR ceramic membrane system
- 2 DPR feed water GST
- 3 DPR feed water BPS

Water storage and distribution:

- 1 potable water GST
- 2 potable water BPS
- 3 16" EST-2 feed line
- 4 water system modifications for DPR to EST-2

**Total cost \$8,952,000.00**

Cost per gallon \$4.48

Mr. A. Rosas also suggested to fix all 2" lines that the District is having issues and to upgrade the line from El Paso Hills. On the Spray Field NO.1 the District needs to replace several manholes. Mr. A. Rosas advised Board Members that these are only suggestions and to take in consideration. Mr. J. Jansen explained that there would be about 7.1 million of improvements and costs. Ms. Troncoso concluded that irrigation lines from Spray Field can be used with bond money.

No action taken

## **9. REPORTS AND DISCUSSION OF OTHER MATTERS THAT MAY COME BEFORE THE BOARD.**

Director D. Hulsey advised that leaks are occurring at the pump station. Director D. Hulsey would like an estimate from TRE to fix line issues at the golf course. Director D. Hulsey also suggested to do a built in shed to protect golf carts from the sun. Director B. Davis explained that it would probably need to wait but will keep in consideration. Director K. Thomas advised that ex-golf Manager Mr. Jeff Gates was asking for severance pay. Director B. Davis advised would be placed on Spray Field agenda. Project Manager C. McGinnis asked for approval to purchase a computer for the golf course. Approval was given from all Board Member to purchase computer.

There being no further business before the Board, the meeting was upon motion made by Director K. Thomas duly made and seconded by Director D. Hulsey all in favor and carried, adjourned at 4:20 p.m.

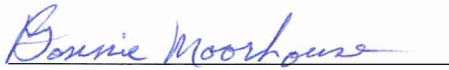
**READ, APPROVED, AND ADOPTED THIS 24th DAY OF FEBRUARY 2015.**



**BENNY DAVIS, PRESIDENT**

**Board of Directors**

**Horizon Regional M.U.D.**



**BONNIE MOORHOUSE, VICE PRESIDENT**

**Board of Directors**

**Horizon Regional M.U.D.**

**EM/CM**