

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered on the slide.

# **PAROWAN VALLEY PUMPERS ASSOCIATION (PVPA)**

**APRIL 2021**

# “YOU CAN’T DRINK ALL DAY IF YOU DON’T START IN THE MORNING”

- WHAT’S BEEN HAPPENING

- LOCAL WORKGROUP WAS ORGANIZED ( 7 MEMBER BOARD) AND MEET ON A REGULAR BASIS GATHERING IDEAS, SEEKING OUT FUNDING SOURCES, DEVELOPING ALTERNATIVES, AND IMPLEMENTING DECISIONS.
- PRESENTATION BY H. ROICE NELSON JR. AND GARY FARNSWORTH PLAYER DISCUSSING THE UNTAPPED AQUIFERS IN THE PAROWAN VALLEY DRAINAGE BASIN.
- FILED APPLICATION FOR WATER RIGHT 75-2105 (20,000 AC FT).
- ATTENDED PROTEST HEARING CONCERNING WR 75-2105 ON JUNE 3<sup>RD</sup>, 2020. WE ANXIOUSLY AWAIT THE OUTCOME OF THIS APPLICATION AND PROTEST HEARING.

# GROUNDWATER MANAGEMENT PLAN IDEAS

- DESIGNATED “USE” OF THE WATER- SHOULD ALL WATER BE TREATED EQUALLY OR IS THERE A HIERARCHY THAT NEEDS TO BE CONSIDERED BY USE?
- FIRST IN TIME- FIRST IN RIGHT. IS THIS THE BEST ORDER OF MANAGEMENT FOR THE PAROWAN VALLEY?
- IS THERE ONE BASIN OR TWO TO MANAGE?
- CAN WE AVOID WATER RIGHT CUTS ALL TOGETHER?
- IF NOT, WHEN ARE THE CUT DATES?

# PVPA GOALS

- 1. WATER RIGHT HOLDERS TO MAXIMIZE WATER USE EFFICIENCY.
- 2. INCREASE THE SUPPLY OF AVAILABLE WATER THROUGHOUT THE WATERSHED.
- 3. MAXIMIZE WATER RE-CHARGE EFFORTS.

# GOAL 1 - "WATER RIGHT HOLDERS TO MAXIMIZE WATER USE EFFICIENCY" PROGRESS

- 1. ON-FARM RE-NOZZLE SYSTEMS + 2,500 AC. \$200,000
- 2. ENERGY AUDITS ON IRRIGATION SYSTEMS +7,500 AC \$ 20,000
- 3. WELL METERING \$ 30,000
- 4. NUMEROUS PROJECT CONVERTING TO HIGHER EFFICIENT SYSTEMS.

# GOAL 2 – “INCREASE THE SUPPLY OF AVAILABLE WATER THROUGHOUT THE WATERSHED” PROGRESS

- 1. BRIAN HEAD FIRE ON 77,000 AC. “WE DIDN’T START THE FIRE, IT WAS ALWAYS BURNING. SINCE THE WORLD’S BEEN TURNING” *BILLY JOEL*.
  - A. FOREST STAND IMPROVEMENTS IN PAROWAN CANYON = 1,100 AC      \$460,000
- 2. RANGELAND IMPROVEMENTS TO IMPROVE HYDRAULIC FUNCTION = 2,700 AC. \$1,500,000
- 3. BLM HAS APPROVED PAROWAN FRONT NEPA DOCUMENT – DOI-BLM-UT-C010-2018-EA
- 4. USDA-NRCS PL-566 WATERSHED OPERATION PLAN IN PROGRESS.

# GOAL 3 – “MAXIMIZE RE-CHARGE EFFORTS” PROGRESS

- 1. CULVERT PIPE TO PAROWAN RE-CHARGE PONDS \$5,500
- 2. LITTLE CREEK RE-CHARGE PONDS \$105,000
- 3. EVANS AND BARTON POND CLEANING \$16,000
- 4. LITTLE CREEK CLEANING \$8,000
- 5. PAROWAN RE-CHARGE POND PREPARATION \$1,600
- 6. RAISED WATER LEVEL IN TWO WELLS IN PARAGONAH.



**SURVIVED COVID-19, SOCIAL  
DISTANCING, MASKS, ETC**

**• PRICELESS,** FOR EVERYTHING ELSE THERE'S

MASTERCARD!





# WHERE DO WE GO FROM HERE?

- NEED TIME TO SEE IF OUR GOALS WILL IMPROVE THE WATER LEVEL TO A SAFE YIELD. THIS WILL HELP OUR GROUNDWATER MANAGEMENT PLANNING EFFORTS.
  - WE NEED A DEFINITION OF SAFE YIELD FROM THE DIVISION OF WATER RIGHTS.
  - NEED FUNDING TO IMPLEMENT OUR GOALS.
- 