

**PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT**

**BOARD WORK MEETING**

**Tuesday, September 16, 2014 at 6:00 pm**

**PSWID Administrative Office**

**6306 W. Hardscrabble Road**

**Pine, AZ 85544**

**I. CALL TO ORDER**

Tom Weeks called the meeting to order at 6:00 p.m.

**II. PLEDGE OF ALLEGIANCE**

Led by Tom Weeks

**III. ROLL CALL OF BOARD MEMBERS**

Conducted by Tom Weeks. Board members present: Tom Weeks, Paul Randall, Rus Brock, Richard James, Don Smith, and Larry Bagshaw

**IV. CALL TO THE PUBLIC**

No comments were made

**V. REGULAR AGENDA ITEMS**

Information/Discussion/Action regarding a work session to review the CH2M HILL draft water master plan. CH2M HILL engineers will present findings of the Water Master Plan study, seek direction, and answer questions in preparation for the final Water Master Plan report. Fair Yeager, an engineer from CH2M Hill presented the draft of the master plan.

1. Lost water is an issue.
2. Peak demands occur on the system June through September.
3. Each account was spatially located to identify unit demands (water use per land use).
4. Vacant land and land uses within the service area were identified.
5. Future water demand at build out was identified.
6. Pressure zones were discussed.
7. To upgrade the system for fire suppression capability all the system's lines would need to be replaced with 8 inch lines which would cost between \$13 and \$18 million, and would not include the cost of upgrading the pumps and pressure valves.

The recommended improvements were:

Pine:

1. Pine Mountain Acres: Realign customers from Canyon Tanks zone to Pine Mountain Acres zone due to low pressure.
2. Adjusting Portal 3 Middle zone pressure valves to alleviate high pressure.

3. Realign Portal 3 Lower zone to Portal 2 (near Portal 1 well) to alleviate pressure issues.
4. Separation of Cool Pines/Tall Pines/Bradshaw by adding a pump station to alleviate pressure problems or install pipe to connect existing dead end connections (looping).
5. Interconnection from Milk Ranch/Tall Pines area to Old County for supply redundancy to this area.
6. Separate customers on the north side of 300K zone to their own pressure zone via a connection through the Church Vault for service or connection to Hidden Pines.
7. Install pipe to connect existing dead end pipes in Brookview Terrace zone (looping).

Strawberry:

1. Purchase existing or install new water supply wells to provide enough supply to meet maximum day demands at build-out.
2. Install additional storage tanks to improve emergency storage.
3. Install pipe to connect existing dead end pipes of the NE side of the Rimwood zone.
4. Install one or two pressure reducing valves in Strawberry Ranch 3 for supply redundancy from Rimwood/K2.
5. Install pipe to connect existing dead end pipes in Strawberry View 1.
6. Repurpose Strawberry Creek Foothills tank to provide a useable supply in the area.

**VI. ADJOURNMENT**

Don Smith moved to adjourn. Richard James seconded. The motion carried unanimously.