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DEPARTMENT OF NATURAL RESOURCES

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Parowan Distribution System Distribution Engineer's Report January 27, 2010

I have had the pleasure of working with Jaymie Gull this past year, she has been effective as your Water Commissioner. Lee Sim and I met with Jaymie and Sam in July 2009 and toured parts of the system. She is familiar with the system and works to resolve issues and improve where needed. Water meter readings are taken at the start of each season. The year-to-year meter differences are used with a power factor to determine water use amount.

My concerns on the system include:

- Reliability of the power factors currently used is questionable. Need to determine how accurate the power factors are in relation to the pumping equipment used. Pump flow rates need to be checked and calibrated against the KWH used. Many power factors are outdated.
- Not all pumps working in the valley have these conversion factors. There may be new pumps in the valley that do not have power factors and are not checked.
- Numerous delinquent accounts are most likely due to bad address or assessments being mailed to deceased account holders. If you have updated information on these accounts please let me know.
- Distribution Account updates can be accomplished by contacting me. The water users need to complete a Report of Conveyance when rights are sold or transferred and there are changes in ownership.
- The Cedar City office is currently mapping Parowan Valley and is approximately half way through the valley. An enforcement referral was made where a water user over by approx. 98 acres. We are hoping in the next few months to get all the way through the valley mapping rights against land irrigation.

I appreciate working with the water users if you have any questions or concerns, feel free to contact me at (801) 538-7430 or by email at MikeSilva@Utah.gov

Respectfully submitted,

Mike Silva

Distribution Engineer

