

DUCHESNE/STRAWBERRY RIVER DISTRIBUTION SYSTEM
TOUR OF DIVERSIONS
MAY 13, 2003

1. **MIDVIEW DIVERSION (INLET TO MIDVIEW RESERVOIR)**
 Picture #1: Concrete ramp flume with a stilling well.
 Picture #2: Upstream view of diversion structure.
 A telemetry system and data logger will be installed at this diversion. This diversion originates out of Duchesne Feeder Canal.

2. **PAUL SHEECH DIVERSION (INDIAN DIV.)**
 Picture #3: Cutthroat flume (3-ft) with a stilling well. The flume is working well, it is level and has good exit conditions and the channel is clean. This flume was reset and improved this season.

3. **US DRY GOLCH**
 Picture #4: Concrete ramp flume with stilling well. A telemetry system will be installed soon at this location.

4. **MIDVIEW RESERVOIR**
 Picture #5: Midview reservoir and controls.
 Picture #6: Outlet Gates

5. **PIONEER DIVERSION**
 Picture #7: 6-ft ramp flume with new telemetry (CR-10X data logger)
 Picture #8: Diversion head gates and dam structure.

6. **JOHNS DIVERSION PIPELINE**
 Picture #9: Polisonics pipe meter (paddle wheel type meter). The George Wrights diversion is now combined with this diversion. Mr. John Swasey indicated that at low flows with velocity below 0.5 ft/sec the meter stops working even with a full pipe.

7. **BRAD HEAD DIVERSION**
 Picture #10: Concrete parshall flume (3-ft) with telemetry (CR10 data logger). This flume is working properly.

8. **BROWN DITCH DIVERSION**
 Picture #11: Diversion which pumps out of the river and into a pipeline.
 Picture #12: Meter (Paddle wheel meter). This meter is wired to a telemetry site at Brad's diversion. The flow information from this diversion is transmitted to the commissioner's office.

9. **WAGSTAFF DIVERSION**
 Picture #13: 18-inch flume. This flume is working properly.

10. **HICKENS DIVERSION**
Picture #14: 3-ft parshall flume with ultrasonic level measurement and telemetry (CR10 data logger). The flume is working properly.
Picture #15: Diversion head gate structure.
11. **TABY DITCH DIVERSION**
Picture #16: Sedimentation structure and diversion telemetry.
Picture #21: Tabby diversion headgate structure.
12. **JASPER PIPE DIVERSION**
Picture #17: Rated section and telemetry with a "Water Log" meter (series # H-424) and a Wireless SD1-12- RF transceiver. This diversion relays the flow information once a minute to Tabby's diversion telemetry.
Picture #18: Japer pipe diversion head gate.
13. **LITTLE FARM CREEK IRR. & ROBERTS DITCH**
Picture #19: Sedimentation structure.
Picture #20: Diversion into two pipelines. There is a meter at each pipeline. The meter for the Roberts diversion is located at the headings and the Little Farm Creek meter is downstream from the main diversion. The meter at the Farm Creek diversion does not always work well at times when the pipe does not flow full.
14. **UPPER TURNBOW**
Picture #22: Upper Turnbow diversion head gate.
15. **REED LAKE (OUT OF RED CREEK)**
Picture #23, 24, and 25: Spillway, Pump and Lake
16. **RED CREEK RESERVOIR**
Picture # 26: Red Creek reservoir. The diverted water goes to Young and Red Creek Irrigation Company
Picture #27: Telemetry housing
Picture #28: Parshall flume
17. **RED CREEK IRRIG. CO. DIVERSION**
Picture #29: Red Creek Irrigation Company diversion pipeline and dam structure.
18. **WITHERS RANCH PUMP (STRAWBERRY SYSTEM)**
Picture #30: Diversion point.