

ASHLEY CREEK DISTRIBUTION SYSTEM - TOUR OF DIVERSIONS

Tour Date: July 8-9, 2003

1. BLANCHETT PARK DIVERSION
 - Picture #1: Telemetry and flume at the head of the Mosby canal.
 - Picture #2: Mosby Canal 4-ft flume.
 - Pictures #3 & 4: Upstream and downstream view of Mosby flume.
2. CLARK DIVERSION (Dry Fork)
 - Picture #5: Diversion headgates. This diversion serves about 20 small individual water rights. There is not a measuring device at this diversion.
3. DRY FORK IRRIGATION CO. DIVERSION – NORTH SIDE
 - Picture #6: Diversion headings. There is not a measuring device at this diversion, however it may not be needed, as the pipeline does not have the capacity to carry the full water rights. Dry Fork flows only for a short period of time during the irrigation season.
4. DRY FORK SOUTH DIVERSION
 - Picture # 7: Diversion dam.
 - Picture # 8: Headgate.
 - Picture #9: Pond.
5. BAR J BAR DIVERSION PIPELINE #1 (Dry Fork)
 - Picture #10: Diversion point.
6. BAR J BAR DIVERSION PIPELINE #2 (Dry Fork)
 - Picture #11: Diversion point.
 - Picture # 12: Collection box of the springs that develop in this area.
7. LARSEN SEARLE DIVERSION (Dry Fork)
 - Picture #13: Diversion point.
 - Picture # 14: Larsen-Searle diversion split structure.
 - Picture #15: Larsen-Searle diversion split structure.
 - Picture #16: Larsen-Searle diversion split structure.
8. MURPHY DIVERSION (ASHLEY CREEK)
 - Pictures #17, 18, and 19: Diversion headgate. There is not a measuring device installed at this diversion.
9. HULLINGER & GARDNER DITCH DIVERSION AND PIPELINE
 - Picture #20: Diversion point.
 - Picture #21: Gardner diversion pipeline and headgate.

Picture #22: Hullinger diversion headgate.

From the main diversion water flows into a small pond area where there are two headgates. One headgate controls the water to a pipeline and the other to a ditch. This is the area where Dry Fork joins Ashley creek.

10. UPPER CANAL & HIGHLINE MAIN DIVERSION STRUCTURE
Pictures #23 and 24: Diversion structure and dam. Upstream on the right side of the structure there is a spillway that is used during high water flows. During high water the creek flows at a capacity of approximately 1020 cfs.
11. HIGHLINE AND UPPER CANAL UNUSED GAGING STATION
Picture #25: This gaging station does not have any equipment installed in it.
12. UPPER CANAL & HIGHLINE SPLIT STRUCTURE
Picture #26: Two main radial gate structures.
Pictures #27: 12-ft concrete parshall flume. This flume has two stilling wells and a staff gage.
Picture #27 Upper canal regulating gates. When downstream demand is satisfied, they use this structure to send water back to the creek. It functions like a waste water gate.
Picture #28: Upper canal concrete flume.
13. ASHLEY VALLEY WATER AND SEWER IMPROVEMENT DISTRICT
Picture #30: Pipeline splitter structure to a water treatment plant.
14. ASHLEY CREEK SPRINGS DIVERSION
Water is diverted to Vernal City treatment plant and adverse users.
Picture #31: Overflow of springs.
Picture #32: Springs collection structure.
Picture #33: Scenery around diversion.
Picture #34: View of diversion.
15. STEINAKER DITCH AND ADVERSE USERS (JOHNSON & WARREN)
Picture #35, 36: Head of the ditch. *2 Bobkin —*
Picture #37: Diversion off the creek. No controls are located here – all of the controls are downstream at the head of the ditch.
Picture #39: Steinaker 18-inch parshall flume.
16. THORNBURG DIVERSION
Picture #40: Steinaker Feeder & Central Canal.
Pictures #41, 42, 43: Thornburg diversion dam (concrete dry dam).

17. STEINAKER FEEDER DIVERSION STRUCTURE
Picture #44: Diversion structure.
18. ROCKPOINT CANAL DIVERSION
Picture #45: Canal diversion out of the Central Canal.
Picture #46: View of the splitter structure.
Picture #47: Rockpoint measuring device (8-ft concrete flume). This flume is not in good condition, the cement in the bottom of the flume is gone and there is not a drop at the flume exit. The Rockpoint canal originates at the Central Canal. A splitter structure divides the water of the Central Canal into Island, Rockpoint, Dodds and Central canals.
19. DODDS DIVERSION FLUME
Picture #48: 2 ft flume. *not in good condition*
20. STEINAKER FLUME AND GAGE
Picture #49: Flume and gage.
21. RIVER IRRIGATION CO. DIVERSION
Picture #50: Pipe intake and headgate.
Picture #51: Overflow and waste water gate to send water back to the creek.
22. UNION DIVERSION
Picture #52: Diversion headgate.
Picture #53: Pipe intake and overflow back to the river.