Water Right and Delivery Analysis[1]

Duchesne River

Canal or Ditch	Ind. Rights	1900	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1928	1929	1930	1932	1934	1935	1936	1937	1949	1950	1951	1952	1954	1955	1957	1959	1960	1963	1964	Canal Total
Arnold Robbins															50.6[5]																												50.60
															1.97																												1.97
B. Petersen			46.27																																								46.27
			1.18[3]																																								1.18
Big Springs						169.55				72.70																				5.90													248.15
						2.13				0.9[8]																				1.00													3.13
Broadhead									26.90		57.20	229.70				41.20													Supp.				Supp.										Supp.
									1.31[7]		0.70	2.28				0.47[10]													0.14				2.50										0.55
Brown									79.25							6.10																											6.17
									1.31[7]							0.47[10]																											85.35
Carter (Elwood)																																											1.78
																																			300.00								300.00
Daniels & Wanrodes (Ind.)	30.80																																		5.00								5.00
	0.51																																										30.80
Drain																																											0.51
																																							Supp.				Supp.
Duchesne City																																							0.50				0.50
			Dom.																																								Dom.
			15.00																																								15.00
Duchesne Feeder (lateral)	7500.00		1905.65																																							280.90	9686.55
	107.14		23.57																																							5.98	136.69
Duchesne Tunnel																													49500 af														49500 af
																													600.00														600.00
Eight Spring								41.26																																			41.26
								0.71																																			0.71
Fabrizio																										53.10																	53.10
																										0.90																	0.90
Farm Creek	19.70		1622.95	Supp.	Supp.			Supp.	Supp.	Supp.	Supp.				Supp.	Supp.																										532.00	2174.65
	0.33		4.13	2.07[4]	2.14			0.57	2.47	0.90	7.46				2.51	0.13																										10.70	31.34
Grey Mountain	3760.00		311.10					9889.38	405.70		286.00		205.75																													10.00	14867.93
	53.71		3.11					140.00	25.00		3.33		3.15																													0.33	228.63
Hamilton					189.6[2]																																						189.60
					2.73																																						2.73
Haydes																	16.90			27.80																						60.00	104.70
																	0.24			0.26																						1.00	1.50
Hicken			203.40					243.50													Supp.												Supp.										Supp.	446.90
			1.14					3.50													0.52												1.00										0.99	7.15
J. Willis Moon																																											34.00	34.00
																																											2.20	2.20

Canal or Ditch	Ind. Rights	1900	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1928	1929	1930	1932	1934	1935	1936	1937	1949	1950	1951	1952	1954	1955	1957	1959	1960	1963	1964	Canal Total
James Mountain (Indian)	44.12																																										44.12
	0.74																																										0.74
Jasper Pike	1200.00																																										1200.00
	17.14																																									17.80	232.86
Jessop-Thomas				215.06		Supp.									Supp.		Supp.																									5.33	9.38
				2.07[4]		1.70									0.5[9]		0.28																									20.70	140.47
Jones					119.77																																					0.97	2.14
					1.17																																					Supp.	234.14
Knight	121.60																83.64															28.90										0.11	4.17
	2.03																1.03															1.00											706.00
Leland	706.00																																										10.09
	10.09																																										332.20
Little Farm Creek				78.30							66.50		134.50	6.40								25.00									21.50												5.50
				1.33							1.50		1.77	0.40								0.25									0.25												360.10
Madsen							173.90											186.20				Supp.																		Supp.	Supp.	4.60
							4.40											0.48				0.57																		3.00	0.55	359.58
Meacham											359.58																																1.69
											1.69																															21.83	603.78
Murray-White					95.83	183.84	31.18	13.10			69.30								188.70																							0.55	8.64
					1.20	1.65	4.40	0.18			2.00								3.06																								4212.00
Myton Townsite	4212.00																																										60.17
	60.17																																										66.20
Orven J. Moon													66.20																														3.00
													3.00																														2889.00
Ouray School	2889.00																																										41.27
	41.27																																										1249.00
Pahcease	294.00		733.10										114.40	107.50																													14.16[11]
	4.20		6.57										1.86	1.53																				Supp.								115.30	1520.61
Pioneer			1405.31	Supp.					Supp.							Supp.																		4.28								1.92	22.61
			3.06	9.80					3.27							0.28																										302.00	1360.60
Rhoades				1058.60		Supp.		Supp.		Supp.	Supp.	Supp.	Supp.	Supp.			Supp.			Supp.			Supp.	Supp.					Supp.													5.29	22.24
				3.71		0.92		1.07		0.9[8]	0.34	1.00	0.73	0.14			1.44			1.82			0.92	0.96					3.00														693.70
Riverdell																										693.70							Supp.											8.07
																										3.07							5.00											81.65
Rock Creek (Mort. Co.)															81.65																												1.16
															1.16																											607.60	3540.70
Rocky Point			2528.80			Supp.	31.50																										144.50			228.30						10.01	39.61
			3.60			14.60	4.4[6]																										5.00			2.00						Supp.	319.00
Shanks												52.34		266.66		Supp.																										0.77	3.65
												0.25		2.02		0.61																											

Canal or Ditch	Ind. Rights	1900	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1928	1929	1930	1932	1934	1935	1936	1937	1949	1950	1951	1952	1954	1955	1957	1959	1960	1963	1964	Canal Total
Spring (unnamed)																																								7.00			7.00
																																								0.10			0.10
Tabby	40.00	151.05	247.98						747.60		Supp.		Supp.		Supp.																							Supp.	Supp.			20.00	1206.63
	0.67	3.75	3.40						4.06		2.06		0.52		1.03																							2.00	3.00			0.33	20.82
Turnbow							116.90								49.80																			Supp.									9.40	176.10
							1.57								0.5[9]																			0.25									0.47	2.79
Wagstaff			135.05								Supp.																Supp.																11.00	146.05
			1.18[3]								0.40																1.43																0.18	2.01
Warm Springs																30.60	15.40																										Supp.	46.00
																0.50	0.20																										0.70	1.40
West Rock Creek (Geo. Wright)										110.62															Supp.																		Supp.	110.62
										0.97															0.37																		0.36	1.70
Wilcken (Swift Cr., Haydes Cr.)											45.00														Supp.								27.80										Supp.	72.80
											0.68														0.37								0.86										0.37	2.28
Wolf								34.50																																			34.50
								0.50																																			0.50
Yannaward			133.49																									243.12									Supp.					Supp.	376.61
			2.45																									0.60									5.00					0.24	8.29
Total Acres	20817.22	151.05	9273.13	1351.96	405.20	353.39	353.48	10221.74	1259.45	183.32	883.58	282.04	520.85	380.56	131.45	77.90	115.94	186.20	188.70	27.80	Supp.	25.00	Supp.	Supp.	Supp.	746.80	Supp.	243.12	49500 af	5.90	21.50	28.90	172.30	Supp.	300.00	228.30	Supp.	Supp.	Supp.	7.00	Supp.	2042.53	
Total CFS	298.00	3.75	67.21	16.91	7.24	21.00	5.97	146.53	36.11	2.77	20.16	3.53	11.03	4.09	7.17	1.99	3.19	0.48	3.06	2.08	0.52	0.82	0.92	0.96	0.74	3.97	1.43	0.60	600.14	4.00	0.25	1.00	14.36	4.53	5.00	2.00	5.00	2.00	3.50	0.10	3.00	49.90	
Accumlated Acres	20817.22	20968.27	30241.40	31593.36	31998.56	32351.95	32705.43	42927.17	44186.62	44369.94	45253.52	45535.56	46056.41	46436.97	46568.42	46646.32	46762.26	46948.46	47137.16	47164.96	47164.96	47189.96	47189.96	47189.96	47189.96	47936.76	47936.76	48179.88	48179.88	48185.78	48207.28	48236.18	48408.48	48408.48	48708.48	48936.78	48936.78	48936.78	48936.78	48943.78	48943.78	50986.31	50986.31
Accumlated cfs	298.00	301.75	368.96	385.87	393.11	414.11	420.08	566.61	602.72	605.49	625.65	629.18	640.21	644.30	651.47	653.46	656.65	657.13	660.19	662.27	662.79	663.61	664.53	665.49	666.23	670.20	671.63	672.23	1272.37	1276.37	1276.62	1277.62	1291.98	1296.51	1301.51	1303.51	1308.51	1310.51	1314.01	1314.11	1317.11	1367.01	1367.01

[1]Compiled by Donald C. Norseth (4/4/1973)

[2]Acreage from 1973 duty schedule (flows based on one cfs per seventy acres and claims by individual water users who have purchased Indian lands).

[3]Flow may be diverted into B. Petersen or Wagstaff Ditch.

[4]Flow may be diverted into Farm Creek Canal or Jessop-Thomas Ditch.

[5]Acreage served by Hamilton or Arnold Robbins Ditch.

[6]Flow may be diverted into Madsen Ditch, Murray-White Canal, or Rocky Point Canal.

[7]Flow may be diverted into Broadhead Canal or Brown Ditch.

[8]Flow may be diverted into Big Springs Canal or Rhoades Canal.

[9]Flow may be diverted into Jessop-Thomas Ditch or Turnbow Ditch.

[10]Flow may be diverted into Big Springs Canal or Broadhead Canal.

[11]Water delivered through Duchesne Feeder Canal according to duty schedule.