

MEMORANDUM

To: Water Right File No 01-10576
From: Ashley Ritter
Date: January 14, 2021
Re: Reporting Requirements Review Supplemental Memo

Intro

This memo serves as supplemental information to the original Reporting Requirements Review Memo dated June 17, 2019.

Permit 01-10576 Condition of Approval three (3) states:

"Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works at the Snake River. In addition, the right holder shall install a measuring device that can be used to determine the instantaneous rate of flow of water used to generate power, or the right holder shall provide to the department a flow rate measurement or computation made by a certified water right examiner in accordance with actual system design and operation."

Conclusions

Flow data was originally obtained using the Departments Water Rights Accounting Resource for 2015 through 2019 at site 130870000, Northside Twin Falls Canal at Milner.

Additional discharge data has been obtained and included with this memo from Northside Crosscut Gooding Canal and Northside Twin Falls Canal, that includes data from 2015 through 2019, illustrating daily mean discharge volumes in cubic feet per second (cfs) and the total mean volume diverted for each irrigation year. This data has been added to try to better represent flows to the POU (powerhouse) for water permit 01-10576. This attempts to better trace water from both POD's to the powerhouse.

13087000 NORTHSIDE TWIN FALLS CANAL AT MILNER

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2014 To OCTOBER 2015

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	--	--	--	--	900	1416	1405	2621	2027	1931	1813
2	0	--	--	--	--	900	1515	1449	2607	2047	1918	1788
3	--	--	--	--	--	1300	1675	1598	2593	2078	1920	1729
4	--	--	--	--	--	1208	1735	1663	2607	2147	1902	1661
5	--	--	--	--	--	1165	1751	1739	2604	2184	1893	1647
6	--	--	--	--	--	1300	1753	1797	2590	2179	1890	1523
7	--	--	--	--	--	1358	1799	1815	2526	2184	1877	1426
8	--	--	--	--	--	1385	1841	1813	2434	2152	1839	1340
9	--	--	--	--	0	1376	1836	1881	2370	2136	1796	1304
10	--	--	--	--	0	1341	1841	2001	2368	2135	1709	1313
11	--	--	--	--	0	1320	1851	2209	2285	2109	1682	1309
12	--	--	--	--	0	1304	1856	2386	2226	2048	1598	1304
13	--	--	--	--	0	1577	1766	2416	2177	2003	1577	1208
14	--	--	--	--	0	1793	1697	2419	2124	1999	1579	1160
15	--	--	--	--	0	1936	1624	2415	2035	1996	1483	183
16	--	--	--	--	0	2062	1567	2412	2003	1998	1425	0
17	--	--	--	--	0	2096	1372	2409	2013	2000	1257	0
18	--	--	--	--	0	2081	1203	2406	2065	1981	1088	0
19	--	--	--	--	0	2067	1088	2565	2086	1983	983	0
20	--	--	--	--	0	1934	922	2648	2123	1990	941	0
21	--	--	--	--	0	2039	875	2679	2139	1987	873	0
22	--	--	--	--	0	2318	914	2687	2139	1994	744	0
23	--	--	--	--	0	2520	922	2690	2138	1996	1306	0
24	--	--	--	--	0	2013	922	2687	2138	2003	1697	0
25	--	--	--	--	0	1552	994	2701	2133	1984	1717	0
26	--	--	--	--	0	1544	1047	2732	2133	1976	1781	0
27	--	--	--	--	0	1569	1126	2758	2069	1973	1812	0
28	--	--	--	--	0	1435	1147	2726	2038	1985	1812	0
29	--	--	--	--	0	1363	1249	2666	1996	1987	1812	0
30	--	--	--	--	0	1351	1327	2640	1991	1989	1813	0
31	--	--	--	--	500	--	1339	--	2011	1971	--	0
TOTAL	0.00	--	--	--	500.00	48109.84	43969.34	68411.99	69379.65	63219.07	47654.25	20707.95
MEAN	0.0	--	--	--	22	1604	1418	2280	2238	2039	1588	668
MAX	0	--	--	--	500	2519.72	1855.74	2757.85	2620.59	2184.16	1931.41	1812.85
MIN	0	--	--	--	0	900	875.26	1404.99	1990.51	1970.5	743.5	0
AC-FT	0.0	--	--	--	992	95426	87213	135695	137615	125395	94522	41074

IRRIGATION YEAR 2015 TOTAL 361952 MEAN 1527 AC-FT 717932

13087000 NORTHSIDE TWIN FALLS CANAL AT MILNER

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2015 To OCTOBER 2016

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	--	--	--	--	464	2109	2293	2597	2281	1978	1324
2	0	--	--	--	--	784	2165	2244	2608	2280	1910	1349
3	--	--	--	--	--	669	2158	2308	2614	2279	1894	1388
4	--	--	--	--	--	637	2307	2301	2603	2256	1893	1400
5	--	--	--	--	--	740	2382	2300	2563	2244	1806	1403
6	--	--	--	--	--	891	2403	2294	2495	2217	1711	1407
7	--	--	--	--	--	946	2406	2277	2439	2200	1621	1378
8	--	--	--	--	--	942	2407	2227	2401	2193	1565	1367
9	--	--	--	--	--	1006	2401	2210	2351	2144	1495	1379
10	--	--	--	--	--	1039	2374	2239	2313	2127	1469	1373
11	--	--	--	--	--	1063	2352	2257	2280	2121	1475	1381
12	--	--	--	--	--	1084	2358	2249	2258	2126	1407	1372
13	--	--	--	--	--	1084	2309	2251	2226	2130	1368	1349
14	--	--	--	--	--	1088	2409	2242	2210	2140	1333	177
15	--	--	--	--	--	1199	2437	2239	2215	2139	1276	0
16	--	--	--	--	--	1216	2454	2241	2242	2127	1143	0
17	--	--	--	--	--	1363	2449	2237	2275	2121	1033	0
18	--	--	--	--	--	1417	2454	2229	2296	2126	1008	0
19	--	--	--	--	--	1487	2494	2231	2296	2109	1011	0
20	--	--	--	--	--	1629	2505	2233	2296	2103	997	0
21	--	--	--	--	--	1707	2400	2278	2296	2108	972	0
22	--	--	--	--	--	1811	2356	2302	2291	2117	834	0
23	--	--	--	--	--	1824	2291	2359	2324	2117	707	0
24	--	--	--	--	--	1878	2231	2422	2346	2121	605	0
25	--	--	--	--	--	1901	2160	2469	2346	2125	570	0
26	--	--	--	--	--	2013	2122	2482	2346	2130	569	0
27	--	--	--	--	--	1898	2228	2473	2346	2134	962	0
28	--	--	--	--	--	1766	2346	2507	2301	2117	1422	0
29	--	--	--	--	--	1824	2450	2563	2262	2106	1390	0
30	--	--	--	--	--	1939	2533	2591	2272	2068	1352	0
31	--	--	--	--	--	--	2675	--	2282	2025	--	0
TOTAL	0.00	--	--	--	--	39306.83	73126.08	69545.83	72990.45	66632.38	38776.24	18046.12
MEAN	0.0	--	--	--	--	1310	2359	2318	2355	2149	1293	582
MAX	0	--	--	--	--	2012.76	2674.6	2591.25	2614.01	2280.77	1977.77	1406.51
MIN	0	--	--	--	--	463.78	2108.78	2209.95	2209.95	2025.37	569.48	0
AC-FT	0.0	--	--	--	--	77965	145046	137944	144777	132165	76913	35794

IRRIGATION YEAR 2016 TOTAL 378424 MEAN 1768 AC-FT 750604

13087000 NORTHSIDE TWIN FALLS CANAL AT MILNER

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2017 To OCTOBER 2018

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	0	0	0	0	600	1521	1947	2688	2545	1930	1268
2	0	0	0	0	0	666	1608	1860	2651	2474	1934	1620
3	0	0	0	0	0	571	1639	1819	2648	2459	1942	1749
4	0	0	0	0	0	512	1773	1884	2640	2472	1864	1831
5	0	0	0	0	0	632	1880	2042	2637	2473	1822	1809
6	0	0	0	0	0	655	1923	2330	2630	2458	1815	1697
7	0	0	0	0	0	543	1960	2643	2664	2443	1793	1603
8	0	0	0	0	0	539	2040	2562	2675	2456	1781	1496
9	0	0	0	0	0	571	2094	2405	2662	2442	1754	1440
10	0	0	0	0	0	807	2112	2432	2656	2444	1743	1363
11	0	0	0	0	0	917	2162	2437	2678	2441	1682	1247
12	0	0	0	0	0	636	2222	2403	2688	2437	1617	1216
13	0	0	0	0	0	403	1966	2380	2688	2428	1544	1208
14	0	0	0	0	0	426	1672	2221	2681	2397	1443	1212
15	0	0	0	0	0	488	1610	2290	2675	2350	1310	352
16	0	0	0	0	0	511	1650	2505	2634	2276	1259	0
17	0	0	0	0	0	639	1768	2600	2604	2256	1209	0
18	0	0	0	0	0	750	1824	2548	2598	2258	1160	0
19	0	0	0	0	0	778	1855	2402	2625	2255	1150	0
20	0	0	0	0	0	778	1938	2401	2642	2198	1114	0
21	0	0	0	0	0	783	1974	2401	2612	2131	1025	0
22	0	0	0	0	0	885	1975	2403	2595	2101	915	0
23	0	0	0	0	0	936	1976	2395	2554	2098	879	0
24	0	0	0	0	0	1065	1972	2392	2475	2044	885	0
25	0	0	0	0	0	1171	1968	2473	2457	2016	895	0
26	0	0	0	0	0	1216	1972	2583	2456	2009	889	0
27	0	0	0	0	0	1331	2003	2643	2463	1950	833	0
28	0	0	0	0	0	1437	2033	2657	2499	1923	804	0
29	0	0	0	--	0	1485	2053	2723	2562	1916	769	0
30	0	0	0	--	504	1487	2042	2755	2587	1919	756	0
31	--	0	0	--	512	--	2020	--	2583	1922	--	0
TOTAL	0.00	0.00	0.00	0.00	1015.00	24217.50	59208.44	71537.20	80906.35	69991.69	40515.63	21110.09
MEAN	0.0	0.0	0.0	0.0	33	807	1910	2385	2610	2258	1351	681
MAX	0	0	0	0	511.5	1486.85	2222.28	2754.95	2688.47	2545.08	1941.95	1831.34
MIN	0	0	0	0	0	403.21	1521.29	1818.86	2456.19	1915.57	755.85	0
AC-FT	0.0	0.0	0.0	0.0	2013	48035	117440	141894	160478	138829	80363	41872

IRRIGATION YEAR 2018 TOTAL 368502 MEAN 1504 AC-FT 730924

13087000 NORTHSIDE TWIN FALLS CANAL AT MILNER

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2018 To OCTOBER 2019

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	--	--	--	--	803	1501	890	2491	2411	2215	906
2	--	--	--	--	--	807	1562	886	2582	2438	2250	883
3	--	--	--	--	--	482	1692	981	2657	2426	2269	1304
4	--	--	--	--	--	369	1806	1255	2652	2415	2267	1600
5	--	--	--	--	--	452	1841	1416	2648	2431	2231	1619
6	--	--	--	--	--	498	1841	1599	2637	2424	2186	1562
7	--	--	--	--	--	508	1841	1809	2633	2457	2156	1529
8	--	--	--	--	--	514	1841	1859	2611	2467	2154	1529
9	--	--	--	--	--	520	1841	1859	2567	2456	2082	1501
10	--	--	--	--	--	566	1841	1818	2517	2426	1646	1482
11	--	--	--	--	--	603	1841	1823	2484	2372	1548	1408
12	--	--	--	--	--	658	1841	1976	2480	2313	1431	1322
13	--	--	--	--	--	700	1841	2038	2464	2249	1372	1229
14	--	--	--	--	--	704	1841	2148	2460	2234	1278	1199
15	--	--	--	--	--	700	1846	2217	2444	2236	1238	1199
16	--	--	--	--	--	704	1849	2206	2439	2242	1273	1195
17	--	--	--	--	--	788	1852	2206	2461	2206	1300	1169
18	--	--	--	--	--	910	1855	2195	2477	2191	1331	814
19	--	--	--	--	--	970	1627	2292	2488	2198	1349	0
20	--	--	--	--	--	974	1534	2374	2492	2199	1300	0
21	--	--	--	--	--	974	1538	2440	2497	2233	1247	0
22	--	--	--	--	--	1055	1541	2385	2497	2245	1160	0
23	--	--	--	--	--	1109	1544	2352	2501	2241	1135	0
24	--	--	--	--	--	1203	1547	2346	2478	2242	1068	0
25	--	--	--	--	--	1273	1550	2346	2461	2240	1031	204
26	--	--	--	--	--	1313	1553	2341	2466	2205	1059	322
27	--	--	--	--	--	1385	1556	2370	2482	2186	1055	227
28	--	--	--	--	330	1463	1559	2443	2453	2183	1084	201
29	--	--	--	--	593	1496	1247	2455	2447	2207	1084	230
30	--	--	--	--	603	1496	895	2445	2413	2226	954	264
31	--	--	--	--	690	--	883	--	2406	2223	--	287
TOTAL	0.00	--	--	--	2215.42	25998.82	50938.64	59768.54	77784.38	71221.84	45752.57	25183.84
MEAN	0.0	--	--	--	554	867	1643	1992	2509	2297	1525	812
MAX	0	--	--	--	689.74	1495.91	1855.37	2454.86	2657.01	2467.35	2269.29	1619.2
MIN	0	--	--	--	329.81	368.86	882.71	886.31	2406.45	2183.16	953.76	0
AC-FT	0.0	--	--	--	4394	51569	101037	118551	154285	141269	90750	49952

IRRIGATION YEAR 2019 TOTAL 358864 MEAN 1646 AC-FT 711807

13086520 NORTHSIDE CROSSCUT GOODING CANAL

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2014 To OCTOBER 2015

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	--	--	--	293	464	939	962	923	926	947	0
2	0	--	--	--	105	0	946	969	923	924	949	0
3	--	--	--	--	124	0	944	976	922	921	946	0
4	--	--	--	--	155	0	943	980	922	921	941	0
5	--	--	--	--	131	0	941	980	921	920	948	0
6	--	--	--	--	125	0	959	979	922	921	947	0
7	--	--	--	--	118	0	959	977	920	921	946	0
8	--	--	--	--	119	0	959	973	918	922	949	0
9	--	--	--	--	120	0	956	974	919	920	952	0
10	--	--	--	--	124	0	957	975	919	920	950	0
11	--	--	--	--	123	0	961	975	919	922	948	0
12	--	--	--	--	255	0	962	937	918	924	950	0
13	--	--	--	--	232	0	963	913	918	924	949	0
14	--	--	--	--	215	0	964	930	920	923	945	0
15	--	--	--	0	214	0	965	955	920	921	944	0
16	--	--	--	0	209	0	966	948	921	922	943	0
17	--	--	--	0	127	0	958	933	919	920	944	0
18	--	--	--	280	141	0	953	907	919	923	946	0
19	--	--	--	607	149	0	948	898	922	923	947	80
20	--	--	--	409	189	0	940	908	923	924	950	241
21	--	--	--	62	192	0	938	917	922	921	950	108
22	--	--	--	0	186	0	939	910	920	921	951	56
23	--	--	--	0	338	0	939	902	919	924	317	5.1
24	--	--	--	0	454	650	941	902	919	926	0	27
25	--	--	--	385	576	944	946	906	920	925	0	43
26	--	--	--	603	666	939	946	915	923	924	0	42
27	--	--	--	598	691	941	946	930	919	924	0	43
28	--	--	--	597	677	938	948	929	921	925	0	45
29	--	--	--	--	688	938	959	932	921	930	0	44
30	--	--	--	--	832	940	960	933	925	935	0	44
31	--	--	--	--	939	--	961	--	926	943	--	44
TOTAL	0.00	--	--	3540.72	9509.13	6753.70	29506.49	28225.37	28542.13	28638.08	21159.78	821.94
MEAN	0.0	--	--	253	307	225	952	941	921	924	705	27
MAX	0	--	--	606.93	938.76	943.58	965.65	979.95	925.53	942.8	951.8	241.11
MIN	0	--	--	0	105.07	0	938.15	898.34	917.77	919.94	0	0
AC-FT	0.0	--	--	7023	18861	13396	58526	55985	56613	56804	41970	1630

IRRIGATION YEAR 2015 TOTAL 156697 MEAN 605 AC-FT 310809

13086520 NORTHSIDE CROSSCUT GOODING CANAL

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2015 To OCTOBER 2016

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	0	0	0	295	84	0	931	959	959	963	0
2	0	0	0	0	295	0	0	960	963	961	962	0
3	45	0	0	0	295	0	0	969	962	961	960	0
4	45	0	0	0	199	0	0	966	960	961	959	0
5	45	0	0	0	149	0	0	965	963	959	958	0
6	45	0	0	0	141	0	0	961	958	962	953	0
7	46	0	0	0	145	0	0	964	958	961	960	0
8	46	0	0	0	146	0	0	967	959	959	960	0
9	45	0	0	0	111	0	0	959	962	949	961	0
10	22	0	0	0	75	0	0	960	959	959	964	0
11	0	0	0	0	76	0	0	949	965	956	965	0
12	0	0	0	0	73	0	0	963	964	964	962	0
13	0	0	0	0	73	0	0	966	955	963	955	0
14	0	0	0	0	73	0	0	963	958	964	890	0
15	0	0	0	0	71	0	0	961	963	963	952	0
16	0	0	0	0	70	0	0	962	965	965	956	0
17	0	0	0	0	70	0	0	965	965	963	957	0
18	0	0	0	0	70	--	0	959	963	960	956	0
19	0	0	0	0	70	0	0	956	962	960	956	0
20	0	0	0	0	73	0	0	964	960	959	959	0
21	0	0	0	0	70	0	0	962	964	962	955	0
22	0	0	0	80	70	0	0	965	959	963	953	0
23	0	0	0	100	70	0	0	964	958	959	953	0
24	0	0	0	204	70	0	0	960	963	960	949	0
25	0	0	0	296	70	0	0	962	962	954	954	0
26	0	0	0	294	72	0	0	962	961	959	957	0
27	0	0	0	292	71	0	0	965	963	961	703	38
28	0	0	0	297	67	0	0	963	961	962	0	158
29	0	0	0	293	66	0	0	962	962	961	0	212
30	0	0	0	--	68	0	0	956	961	961	0	214
31	--	0	0	--	74	--	0	--	960	963	--	138
TOTAL	337.27	0.00	0.00	1856.43	3338.29	84.17	0.00	28833.08	29795.69	29776.39	25533.51	759.86
MEAN	11	0.0	0.0	64	108	2.9	0.0	961	961	961	851	25
MAX	45.68	0	0	296.79	295.26	84.17	0	969.21	965.16	964.91	965.19	213.75
MIN	0	0	0	0	65.95	0	0	931.36	954.91	949.48	0	0
AC-FT	669	0.0	0.0	3682	6621	167	0.0	57190	59100	59061	50646	1507

IRRIGATION YEAR 2016 TOTAL 120315 MEAN 442 AC-FT 238644

13086520 NORTHSIDE CROSSCUT GOODING CANAL

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2016 To OCTOBER 2017

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	101	0	0	0	61	519	507	1006	904	896	900	902
2	100	0	0	0	84	515	509	1003	905	901	903	904
3	94	0	0	0	77	516	509	1006	904	903	901	901
4	89	0	0	0	58	517	513	1006	905	903	908	900
5	88	0	0	0	52	528	514	1004	905	902	902	905
6	87	0	0	0	51	536	506	1005	901	905	900	905
7	87	0	0	0	50	537	503	1007	907	904	905	908
8	87	0	0	0	51	541	506	1004	907	901	901	903
9	86	0	0	0	93	539	507	997	906	895	898	903
10	94	0	0	0	104	541	508	1004	901	900	903	861
11	32	0	0	0	105	543	511	1002	898	902	905	884
12	0	0	0	0	105	505	505	1002	901	906	904	903
13	0	0	0	0	165	485	501	995	899	903	903	902
14	0	0	0	0	221	504	509	1002	905	904	904	900
15	0	0	0	0	197	515	505	1002	903	898	885	902
16	0	0	0	0	211	519	503	1005	904	898	899	315
17	0	0	0	0	248	515	502	998	906	899	898	0
18	0	0	0	0	248	515	505	947	903	904	899	0
19	0	0	0	0	251	513	508	910	906	904	892	0
20	0	0	0	0	252	504	510	909	910	900	887	0
21	0	0	0	0	245	506	507	904	910	903	887	0
22	0	0	0	31	236	511	509	902	912	906	875	0
23	0	0	0	44	240	509	509	907	904	903	903	0
24	0	0	0	41	244	503	796	903	905	906	902	0
25	0	0	0	41	242	502	1034	905	904	904	903	0
26	0	0	0	37	244	504	1003	906	901	902	906	0
27	0	0	0	30	235	497	1005	903	899	905	906	0
28	0	0	0	35	234	509	1008	903	904	905	907	0
29	0	0	0	--	314	512	1008	902	905	902	909	0
30	0	0	0	--	426	507	1008	902	906	903	903	0
31	--	0	0	--	523	--	1009	--	902	908	--	0
TOTAL	944.47	0.00	0.00	260.58	5865.50	15466.06	19537.26	28850.22	28035.43	27970.79	26997.63	13798.97
MEAN	31	0.0	0.0	9.3	189	516	630	962	904	902	900	445
MAX	100.57	0	0	43.93	523.37	542.61	1034.36	1006.91	912.18	907.51	908.51	907.5
MIN	0	0	0	0	49.76	484.55	500.8	901.88	897.82	894.62	875.17	0
AC-FT	1873	0.0	0.0	517	11634	30677	38752	57224	55608	55480	53550	27370

IRRIGATION YEAR 2017 TOTAL 167727 MEAN 554 AC-FT 332686

10-DEC-2020

13086520 NORTHSIDE CROSSCUT GOODING CANAL

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2017 To OCTOBER 2018

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	0	0	0	0	631	586	590	913	912	910	324
2	0	0	0	0	0	616	588	593	911	910	914	0
3	0	0	0	0	0	631	589	591	908	907	914	0
4	0	0	0	0	0	646	593	591	910	912	915	0
5	0	0	0	0	0	657	594	589	911	908	908	0
6	0	0	0	0	0	615	595	591	913	910	913	0
7	0	0	0	0	0	583	590	588	913	912	911	0
8	0	0	0	0	0	582	594	807	916	914	907	0
9	0	0	0	0	0	584	591	914	911	913	912	0
10	0	0	0	0	0	587	588	913	908	909	912	0
11	0	0	0	0	0	559	583	908	911	911	911	0
12	0	0	0	0	0	503	592	910	910	907	910	0
13	0	0	0	0	0	542	597	917	912	910	910	0
14	0	0	0	0	0	587	593	905	913	910	917	0
15	0	0	0	0	0	589	588	909	914	914	913	0
16	0	0	0	0	0	578	589	911	912	910	912	0
17	0	0	0	0	0	575	591	909	910	910	895	0
18	0	0	0	0	0	585	587	912	911	911	911	0
19	0	0	0	0	0	585	590	909	908	913	913	0
20	0	0	0	0	0	583	585	912	913	914	913	0
21	0	0	0	0	0	588	586	913	916	911	915	0
22	0	0	0	0	0	585	585	919	911	909	913	0
23	0	0	0	0	0	583	587	908	913	908	909	0
24	0	0	0	0	0	585	590	913	911	910	907	0
25	0	0	0	0	0	585	591	912	907	912	914	0
26	0	0	0	0	0	586	584	909	912	906	913	0
27	0	0	0	0	0	592	587	914	913	906	915	0
28	0	0	0	0	234	591	591	909	913	913	913	0
29	0	0	0	--	560	585	589	907	912	910	910	0
30	0	0	0	--	637	583	585	914	914	912	911	0
31	--	0	0	--	631	--	588	--	911	909	--	0
TOTAL	0.00	0.00	0.00	0.00	2062.40	17684.60	18266.54	24985.91	28264.76	28225.14	27340.03	324.00
MEAN	0.0	0.0	0.0	0.0	67	589	589	833	912	910	911	10
MAX	0	0	0	0	636.85	657.34	597.35	918.84	915.95	914.15	917.21	324
MIN	0	0	0	0	0	502.76	582.95	588.05	907.34	905.99	894.93	0
AC-FT	0.0	0.0	0.0	0.0	4091	35077	36232	49560	56063	55985	54229	643

IRRIGATION YEAR 2018 TOTAL 147153 MEAN 601 AC-FT 291879

13086520 NORTHSIDE CROSSCUT GOODING CANAL

DAILY MEAN VALUES FOR DISCHARGE IN CUBIC FEET PER SECOND, IRRIGATION YEAR, NOVEMBER 2018 To OCTOBER 2019

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0	--	--	--	69	332	1200	935	936	834	836	700
2	--	--	--	--	69	330	1200	938	882	835	835	696
3	--	--	--	--	71	533	1200	940	833	835	837	290
4	--	--	--	--	73	775	1200	937	834	834	831	0
5	--	--	25	--	67	778	1200	933	835	834	833	0
6	--	--	58	--	81	783	1192	935	835	833	832	0
7	--	--	122	111	93	785	1184	931	833	832	834	0
8	--	--	180	108	85	789	1184	931	831	831	812	0
9	--	--	172	111	89	806	1186	941	833	828	831	0
10	--	--	162	112	90	1047	1186	935	836	832	829	0
11	--	--	161	110	93	1158	1186	930	835	827	827	0
12	--	--	158	111	93	1156	1186	934	836	831	834	0
13	--	--	154	111	86	1153	946	932	834	832	834	0
14	--	--	155	113	88	1153	738	934	835	834	835	0
15	--	--	155	109	94	1153	789	935	833	830	836	0
16	--	--	166	106	94	1160	861	939	828	830	829	0
17	--	--	131	104	95	1182	903	941	832	831	823	0
18	--	--	113	105	94	1196	909	932	832	837	835	0
19	--	--	110	103	75	1196	907	932	832	834	834	0
20	--	--	111	109	44	1196	901	931	834	836	831	0
21	--	--	111	106	40	1196	901	936	836	837	834	0
22	--	--	112	104	39	1211	906	932	836	826	834	0
23	--	--	114	108	44	1200	908	932	831	832	745	0
24	--	--	114	112	40	1198	911	935	831	835	696	0
25	--	--	112	115	44	1196	910	935	833	833	706	0
26	--	--	--	117	45	1198	909	935	831	833	709	0
27	--	--	--	111	45	1200	904	933	832	835	701	0
28	--	--	--	87	201	1200	904	934	834	834	701	0
29	--	--	--	--	142	1200	911	936	833	829	702	0
30	--	--	--	--	0	1200	926	936	832	835	704	0
31	--	--	--	--	220	--	935	--	833	836	--	0
TOTAL	0.00	--	2695.99	2383.00	2503.00	30660.00	31283.00	28040.00	25981.01	25815.01	23960.00	1686.00
MEAN	0.0	--	128	108	81	1022	1009	935	838	833	799	54
MAX	0	--	180	117	220	1211	1200	941	936	837	837	700
MIN	0	--	25	87	0	330	738	930	828	826	696	0
AC-FT	0.0	--	5347	4727	4965	60814	62050	55617	51533	51204	47525	3344

IRRIGATION YEAR 2019 TOTAL 175007 MEAN 608 AC-FT 347126