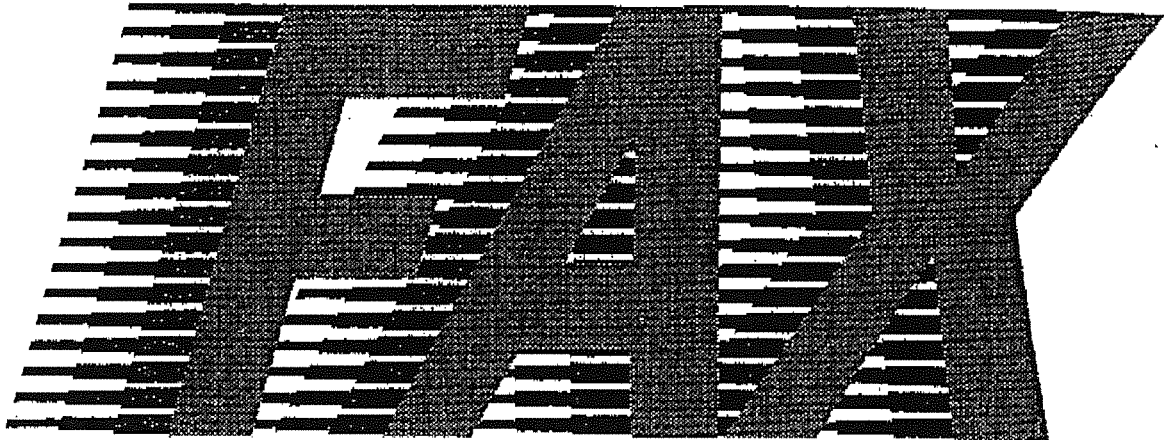


NORTH SIDE CANAL COMPANY

921 North Lincoln • Jerome, Idaho 83338 • (208) 324-2319



FACSIMILE TELEPHONE
(208) 324-8906

DATE:

May 16, 2011

TO:

Michele Edl

FROM:

Ted Diehl

DOCUMENT:

Power Plant Discharges

RE:

Number of pages including this page: 10

Michele Edl
Associate Engineer
TJWUR

Dear Michele:

Enclosed are daily flows thru Bypass power plant for 1989. Each year the flows are somewhat different. Depending on water supply and temperature each year is somewhat different.

Hope this helps you

Sincerely
Ted

April 1989

Date	Main Gage(cfs)	By Pass Gage(cfs)	A gage cfs	B gage cfs	C gage cfs
8		504			
9		504			
10		504			
11		487			
12		197			
13		606			
14		606			
15	415	698	6.0	3.0	15.0
16	415	698	6.0	3.0	15.0
17	408	698	8.0	6.0	25.0
18	1293	422	8.0	6.0	25.0
19	586	422	16.0	6.0	25.0
20	679	422	15.0	6.0	47.0
21	672	439	15.0	6.0	47.0
22	801	449	? 108.0	9.5	58.0
23	804	442	? 108.0	9.5	58.0
24	960	449		9.5	56.0
25	1105	449		12.9	74.0
26	1105	469		12.9	75.0
27	1089	469		15.4	87.0
28	1137	469		15.4	126.0
29	1145	469		15.4	130.0
30	1137	476		15.4	142.00
TOTAL	13751.00	11817.00	290	151.90	1446.90
	Main + By Pass	24121.00			
	Main + By Pass - A, B & C				= 25568.00

MAY 1989

Date	Main Gage	By Pass Gage	A gage	B gage	C gage
1	1293	476	42.04	10	142
2	1429	476	40.5	16	215
3	1714	476	42	16	250
4	1585	476	45.8	16.7	130
5	1772	480	49	16.7	326
6	1867	490	55	17.0	344
7	1863	490	55	17.0	344
8	1890	490	55	18.0	350
9	2042	504	55	18.5	390
10	2125	511	55	18.5	390
11	2196	504	57.5	18.5	392
12	2158	507	49	20.0	392
13	2265	511	47.5	18.0	400
14	2227	511	45.8	17.50	404
15	2227	511	47.5	17.50	404
16	2227	511	47.5	17.80	400
17	2214	511	47.5	17.8	406
18	2204	511	47.5	19.4	426
19	2214	511	50.4	19.4	426
20	2223	511	50.4	19.4	416
21	2227	511	50.4	21.5	400
22	2246	511	50.4	21.5	400
23	2218	511	49	21.5	440
24	1936	931	52.6	23.5	440
25	1950	931	52.6	24	437
26	2085	939	52.6	24	468
27	2079	939	52.6	24.5	468

MAY 1989

Date	Main Gage	By Pass Gage	A Gage	B Gage	C Gage
28	2051	939	52.6	23.4	474
29	2088	939	53.5	23.4	~~494~~
30	2055	939	57.4	23.4	453
31	2088	939	57.4	23.6	453
	69243.96	20516.00	1566.04	604.00	11854.06
	83268.00	received	14024.04	1555	
	69243.96	total	2946	largest volume	

June 1989

1	2083	948	59.0	21.4	430
2	2060	939	59.0	21.4	430
3	2083	948	59.0	22.1	437
4	2139	948	59.0	24	437
5	2134	949	59.0	24.2	437
6	2134	948	58.5	24.5	418
7	2134	948	55.0	22.1	400
8	2134	948	55.0	21.6	400
9	2134	957	55.0	21.9	409
10	2162	957	55.0	21.9	409
11	2167	939	55.0	21.9	409
12	2167	913	55.8	22.1	430
13	2337	922	56.8	22.6	430
14	2293	913	56.8	22.6	430
15	2302	896	57.0	23.6	455
16	2321	905	57.0	23.6	455
17	2429	896	57.0	24.0	437
18	2424	896	57.0	24.0	430
19	2448	922	57.5	25.0	430

June 1989

Date	Main Cage	Hydro-Cage	A Cage	B Cage	C Cage
20	2401	896	57.5	25.3	455
21	2462	922	57.5	26.2	474
22	2462	913	60.8	26.5	474
23	2462	913	62.0	26.5	474
24	2469	922	63.0	26.5	485
25	2467	922	63.0	26.7	465
26	2467	922	62.8	26.5	465
27	2415	922	62.7	26.5	485
28	2420	922	63.4	26.5	511
29	2415	915	63.4	26.5	511
30	2476	896	63.4	26.5	511
	68901.00	37818.00	1765.00	702	12966.00
	96719 TOTAL	61256 - total - ABC		28465 largest day volume	
				3271 cfs largest day volume	

July 1989

1	2532	905	64.6	27.0	529
2	2612	905	64.8	27.2	529
3	2730	939	64.8	27.5	529
4	2639	913	64.8	26.4	548
5	2673	939	66.2	27.0	548
6	2655	913	70.2	27.5	550
7	2605	913	72.0	27.5	570
8	~~2705~~ 2705	896	72.0	27.0	567
9	2739	905	72.0	27.0	567
10	2734	922	72.0	26.5	575
11	2734	922	72.5	27.0	567

July 1989

Date	Main Gage	By Pass Gage	A-gage	B-gage	C-gage
12	2734	913	72.5	27.0	577
13	2734	905	73.0	27.0	576
14	2744	905	73.8	27.0	576
15	2692	819	73.8	26.4	548
16	2678	913	72.0	26.0	545
17	2659	905	70.2	25.80	548
18	2669	896	70.2	25.0	548
19	2546	905	72.0	24.80	535
20	2542	896	73.0	24	529
21	2532	879	72.5	24.8	529
22	2575	879	72.5	24	529
23	2551	896	70.2	23.4	529
24	2551	896	70.2	23.4	529
25	2561	879	70.2	23.4	529
26	2565	879	70.2	23.4	529
27	2626	888	70.2	26.0	511
28	2717	896	70.2	24.0	511
29	2622	896	70.2	24.0	520
30	2622	905	78.0	24.4	520
31	2622	896	78.0	24.8	520

8/255.00 27921.00 2720.40 797.20 16811.00

109,776 of total 19508.60

89967.40 Total of record.

August

1	2548	879	70.2	26.40	520.00
2	2551	770	71.8	26.40	520.00
3	2570	770	73.00	22.20	520.00

August					
Date	Main Gage	By Pass Gage	A Gage	B Gage	C Gage
4	2570	770	72.00	22.40	520
5	2570	770	72.00	26.40	525
6	2544	770	72.00	26.40	525
7	2570	770	69.00	26.50	529
8	2471	770	70.40	26.50	529
9	2471	762	70.20	26.40	529
10	2471	762	68.30	25.5	529
11	2523	762	68.30	25.0	529
12	2504	770	64.60	23.4	520
13	2504	762	63.0	22.5	520
14	2504	746	65.0	22.5	500
15	2405	730	61.0	20.0	498
16	2415	738	61.4	20.0	489
17	2424	738	61.0	20.0	489
18	2457	746	59.0	20.2	492
19	2448	746	59.0	20.2	492
20	2443	746	56.0	20.2	492
21	2424	746	56.0	20.2	488
22	2344	746	56.0	20.2	492
23	2302	746	52.8	21.0	492
24	2298	738	52.8	20.5	470
25	2312	738	52.8	20.5	440
26	2279	738	58.2	19.4	440
27	2279	738	58.2	18.5	440
28	2289	738	58.2	18.5	425
29	2134	738	58	18.5	395
30	2038	714	58	18.0	381
31	2046	714	58	18.0	381

Aug

Date	Main Gage	B ₁ Press Gage	A Gage	B Gage	C Gage
Total	74700.00	22633.00	1965.20	641.70	14647.00
	57446.10	used		TOTAL	17253.90
	2730 cfs	top total day -			

September 1989

1	2028	714	56.80	18.0	381
2	2014	714	54.7	16.7	381
3	2051	714	54.7	19.4	381
4	2079	714	52.6	18.0	381
5	2069	714	53.0	18.0	350
6	2074	714	53.0	17.0	326
7	2070	714	53.0	17.0	320
8	1972	714	50.40	17.0	300
9	1986	714	50.40	16.70	300
10	1876	714	50.40	16.70	300
11	1885	714	49	16.70	300
12	1835	714	49	17.0	280
13	1835	706	45	16.0	280
14	1691	706	42	18.0	280
15	1581	706	42	18.0	280
16	1589	706	42	18.0	280
17	1589	706	42	18.2	307
18	1589	698	42	18.2	289
19	1594	698	40.5	20	252
20	1589	698	40.5	18.0	252
21	1489	690	43.3	18.0	22.5
22	1489	690	43.3	18.0	22.5

September

Date	Main Gage	By Pass Gage	A. Gage	B. Gage	C. Gage
23	1469	698	43.3	18.4	240
24	1403	690	47.0	20	240
25	1403	690	47.0	20	240
26	1399	690	42.9	19.4	245
27	1411	690	45	19.4	244
28	1301	690	45	19.4	244
29	1301	690	45	19.4	244
30	1306	690	42.5	18.4	252
52843.00		21790.00	1357.4	544.00	8218.00
74633.00 TOTAL TOTAL Miles 10119.40 = TOTAL Miles 64513.00					

OCTOBER

1	1301	298	42.0	18.20	252.00
2	1281	682	36.0	20.0	215
3	1182	682	36.0	19.4	220
4	1058	682	36.0	18.4	182
5	1050	682	36.0	18.0	182
6	1050	682	36.0	16.0	178
7	949	682	36.0	16.0	178
8	937	667	32.6	15.6	150
9		900	32.6	15.6	150
10		913	28.7	14.2	142.8
11		922	26.0	14.2	142
12		939	25	5	100
13		989	30	5	80
880800		9720.00	420.20	195.6	2171.8

TOTAL Flow Miles 18528.00 - 2787.60 = 15740.40 total flow
1963 to day volume