

New York Canal Seepage Investigation  
 Gains and losses measured during January 28-29, 2004  
 at selected sites along the New York Canal between Diversion Dam and Lake Lowell.

Site No.	New York Canal Site Name	Canal miles from Lake Lowell	Lat	Long	Date January 2004	Discharge (cfs)	Measured Gain (+) or loss (-) for the reach between the previous and existing site	
							(cfs)	(cfs/mi)
1	below Diversion Dam nr Boise (13203000)	41.7	43 33'02"	116 06'32"	28	442	--	--
2	at Eckert Road	40.3	43 33'48"	116 07'51'	28	454	12	8
3	at Gekeler Road	37.6	43 34'01"	116 11'00"	28	445	-9	-3
4	at Vista Avenue	35.9	43 34'28"	116 12'52"	28	403	-42	-25
5	at Roosevelt Street	34.6	43 34'53"	116 14'14"	28	428	25	19
6	at Orchard Street	33.5	43 34'20"	116 14'54"	28	460	32	29
7	at Gowen Road	32.0	43 33'30"	116 15'06"	28	438	-22	-16
8	at Cole Road near Rim Acres Lane	30.7	43 33'54"	116 16'28"	28	459	21	16
9	at Desert Street	28.9	43 33'14"	116 17'24"	28	428	-31	-17
10	at Cole Road near Sellers Lane	26.5	43 31'47"	116 16'28"	28	417	-11	-5
11	at Fivemile Road	24.6	43 31'41"	116 18'25"	29	422	5	3
12	at Hubbard Road	23.3	43 31'04"	116 18'58"	29	424	2	2
13	at Cloverdale Road (13203200)	22.1	43 30'29"	116 20'03"	29	422	-2	-2

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							(cfs)	(cfs/mi)
14	at Kuna Road	19.8	43 29'19"	116 21'12"	29	422	0	0
15	at Strobel Road	17.7	43 29'03"	116 23'03"	29	420	-2	-1
16	at Sailor Place	16.7	43 29'02"	116 23'56"	29	405	-15	-16
17	Swan Falls Road	15.9	43 29'16"	116 24'50"	29	417	12	14
18	at Indian Creek Elementary School	15.1	43 29'30"	116 25'39"	29	399	-18	-23
19	at Black Cat Road	12.5	43 30'47"	116 27'15"	29	444	45	17
20	at Ridgewood Road	10.4	43 31'53"	116 28'03"	29	421	-23	-11
21	at Robinson Road	8.8	43 31'48"	116 29'35"	29	424	3	2
22	at South Side Boulevard	5.9	43 31'32"	116 31'58"	29	393	-31	-11
23	at Power Line Road	3.5	43 30'29"	116 33'10"	29	418	25	10
24	at Lake Shore Drive	2.1	43 30'29"	116 34'38"	29	408	-10	-7