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JAN - 6 2004

Department of Water Resources

January 2, 2004

IDAHO

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WASHINGTON

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Mr. Shelley Keen, Supervisor
Idaho Department of Water
Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: Transfer Application No. 70394

Dear Shelley:

Per your request issued to North Kootenai Water District in your December 9, 2003 letter, please find enclosed the following documents:

- Water usage records proving water diversion for the following water systems and the corresponding permit between 1992 and 2003:
 - Twin Lakes (Tree Farm Wells 1 and 2): Permit #95-8522
 - Hayden Pines/Grouse Meadows (Hayden Pines Well): Permit #95-7138
 - Chilco (Well 1): Permit #95-7827
 - Ohio Match (Well 1): Permit #95-7713

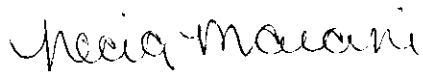
The data for the years 1992 through 1995 was obtained from the following Engineering report:

- Welch Comer and Associates, Inc. June 1996. "Valuation and Capital Improvement Study of the Hayden Pines Water Company." (Submitted to the North Kootenai Water District.)

In regard to the Claim 95-4027 and Permit 95-7107, we were unable to find and provide the requested information, 1) proof of beneficial use of the Mt. View well (95-4027) prior to March 1963, and 2) proof of ownership of the Finucane water right 95-7107. Thus the District has requested that these two permits be removed from the rest of the transfer application. The combined diversion capacity of these two rights is still needed by the District in order to meet peak day demands/available well capacity across the District. Therefore, the District will submit an application for new water right in the amount of 2.51 cfs in order to replace this diversion capacity.

Please contact me should you have any questions or comments or should you require additional information.

Sincerely,
Welch, Comer & Associates, Inc.

A handwritten signature in cursive script, reading "Necia Maiani".

Necia Maiani, E.I.T.
Project Engineer

NMM/nmm
Enclosure:
cc: Dick Fairhurst, NKWD

12/30/2003 11:53 1-208-762-0355

11:53

1-208-762-0355

[illegible]

TWIN LAKES

UNACCOUNTED FOR WATER

NORTH KOOTENAI WATER DISTRICT **HAYDEN PINES/GROUSE MEADOWS - PWS #1280257**

		#E0004168		#E0004172		#E0004187		TOTAL	AVERAGE	USAGE	UNACCOUNT.	%	ACCTS.	USAGE/
		HAYDEN PINES - 200100		GTE WELL - inside		GTE WELL - outside		PROD.	DAILY		FOR WATER			ACCT.
DATE	DAYS	READING	PROD.	READING	PROD.	READING	PROD.							
12/10/01		7,547,500		22,644,100		18,366,000				2,594,500*			382	
1/14/02	35	7,548,800	1,300	25,887,700	3,243,600	18,401,000	5,000	3,249,900	92,854	2,749,308*	500,504	15%	381	7,216
2/16/02	32	7,548,980	100	28,949,400	3,061,700	18,401,000	0	3,061,800	95,881	2,736,900*	326,200	11%	380	7,198
3/15/02	28	7,549,200	300	31,742,800	2,799,200	18,401,000	0	2,793,500	99,768	2,619,200*	174,300	6%	384	6,821
4/15/02	31	7,549,200	0	34,949,900	3,207,300	18,401,000	0	3,207,300	103,481	2,989,300**	236,000	7%	382	7,773
5/14/02	29	7,549,200	0	38,789,400	4,819,500	18,467,000	65,000	4,885,500	168,468	4,431,700	453,800	8%	392	11,305
6/10/02	27	7,549,300	100	47,889,900	7,900,500	19,782,000	1,315,000	9,215,800	341,319	8,535,400	680,200	7%	385	22,170
7/11/02	31	8,198,300	649,000	54,828,800	7,158,700	23,711,000	3,929,000	11,738,700	378,603	10,866,400	870,300	7%	386	28,151
8/14/02	34	10,383,400	2,185,100	64,438,200	8,810,800	30,870,000	8,358,000	18,154,700	533,962	18,306,000	-151,300	-1%	387	47,302
9/11/02	28	11,999,800	1,618,200	71,242,100	6,802,900	32,687,000	2,627,000	11,046,100	394,504	11,181,600	-145,500	-1%	388	28,844
10/8/02	27	13,687,900	1,686,300	78,634,900	5,392,800	33,129,000	432,000	7,493,100	277,522	7,104,200	368,900	5%	385	18,452
11/13/02	36	13,762,800	94,700	80,457,200	3,822,300	33,129,000	0	3,817,000	108,808	3,116,000*	801,000	20%	385	8,094
12/12/02	29	13,823,200	60,800	83,122,200	2,885,000	33,129,000	0	2,729,800	93,958	2,592,100*	133,500	5%	386	6,733
TOTAL	387		6,275,700		60,478,100		14,733,008	81,486,808	222,036	77,216,868	4,268,904	5%	385	18,714
1/15/03	34	13,898,500	73,300	88,247,700	3,125,500	33,129,000	0	3,198,800	94,082	2,717,800*	481,200	16%	378	7,189
2/12/03	28	13,898,500	0	88,972,300	2,724,800	33,129,000	0	2,724,800	97,307	3,120,800*	-388,000	-16%	378	8,256
3/17/03	33	13,915,300	18,800	92,119,900	3,147,800	33,129,000	0	3,166,400	95,952	3,235,000**	-68,600	-2%	378	8,558
4/15/03	29	13,943,700	28,400	95,046,300	2,928,400	33,129,000	0	2,954,800	101,880	2,610,900	143,900	5%	378	7,436
5/13/03	28	14,482,900	530,200	98,276,800	3,230,500	33,129,000	0	3,789,700	134,832	3,125,000	644,700	17%	378	8,267
6/12/03	30	15,836,000	1,463,100	4,302,100	8,025,300	33,129,000	0	7,478,400	249,280	7,788,100	-287,700	-4%	378	20,545
7/8/03	28	17,262,800	1,328,800	5,883,900	1,381,800	42,259,000	9,130,000	11,838,800	456,331	12,804,300	-1,066,700	-8%	380	34,138
8/11/03	34	19,002,000	1,739,200	6,230,900	547,000	62,000,000	19,741,000	22,027,200	647,859	21,347,400	679,800	3%	380	58,177
8/9/03	29	20,488,500	1,486,500	7,405,300	1,174,400	76,114,000	14,114,000	16,754,900	577,755	16,471,300	1,283,600	8%	380	40,714
10/8/03	29	21,880,700	1,412,200	7,406,100	800	83,096,000	6,982,000	8,395,000	289,483	7,086,200	1,306,800	16%	380	18,848
11/14/03	37	23,570,400	1,889,700	7,407,100	1,000	87,164,000	4,086,000	5,778,700	168,181	3,508,800*	2,272,100	39%	423	8,28
TOTAL	337		8,747,200		24,284,800		54,055,000	88,087,100	281,386	83,091,000	4,986,100	6%		

* winter estimate

** adjustment month

NORTH KOOTENAI WATER DISTRICT
HAYDEN PINES/GROUSE MEADOWS/HILLSIDE

HAYDEN PINES/GROUSE MEADOWS/HILLSIDE																			
		100001000		10000800															
		HAYDEN PINES - 200100		GTE WELL - inside		GTE WELL - outside		HAYDEN		FINUCANE		TOTAL		AVERAGE		HONEY SUCKLE		HILLSIDE	
DATE	DAYS	READING	PROD.	READING	PROD.	READING	PROD.	WELL PROD.	WELL PROD.	PROD.	DAILY	HILLS USAGE	HILLSIDE	H.P./G.M.	UNACCOUNT.		HILLSIDE	H.P./G.M.	
													USAGE	USAGE	FOR WATER	%	ACCTS	ACCTS.	
1/13/00		1,725,300		85,719,700				-300,200	11,194,280			2,162,900							
2/14/00	32	3,323,000	1,587,700	85,719,700	0			-234,200	8,898,700	10,230,200	319,894		2,083,300						
3/7/00	22	4,383,500	1,070,500	85,719,700	0			-185,900	8,740,100	7,524,700	348,577		1,282,400						
4/13/00	37	5,585,800	1,172,400	85,719,700	0			-255,900	10,272,000	11,188,900	302,403		2,138,400	7,389,495	3,947,333	-2,294,328	-21%	578	
5/18/00	33	5,618,700	52,800	85,720,100	400			2,816,000	16,980,500	19,829,700	594,639		3,272,800	7,550,570	3,609,500	5,298,530	27%	582	
6/15/00	30	5,618,700	0	85,739,100	19,000			10,980,100	12,040,200	23,019,300	767,310		2,945,300	12,015,542	7,522,062	538,368	2%	586	
7/14/00	29	5,618,700	0	86,277,100	538,000			26,042,900	7,894,800	34,475,700	1,188,817		3,921,000	18,915,400	7,522,062	538,368	2%	591	
8/18/00	33	6,145,800	528,900	89,582,700	3,305,800			34,011,800	12,887,100	50,741,200	1,537,812		6,587,400	27,306,700	17,832,400	-985,300	-2%	601	
9/7/00	22	7,684,900	1,538,900	89,807,300	314,800			19,777,900	9,946,700	31,578,100	1,435,388		4,014,200	15,883,107	10,490,108	1,198,887	4%	601	
10/10/00	33	9,177,700	1,493,200	89,900,500	3,200			6,488,000	15,229,500	23,223,900	703,755		3,480,500	11,862,080	5,704,500	2,178,810	9%	599	
11/8/00	30	8,783,000	585,300	89,900,500	0			-83,200	10,170,900	10,893,000	368,433		2,201,300	1,987,800	1,834,754	4,658,146	44%	600	
12/12/00	33	97,000	334,000	89,900,800	100			-272,200	10,588,400	10,658,300	322,979		2,465,500	5,938,500	2,832,800	-578,500	-6%	601	
1/12/01	31	371,300	274,300	89,900,800	0			-272,800	10,805,000	10,806,700	361,829		2,133,800	5,542,141	2,900,300	330,868	3%	602	
2/14/01	33	742,600	371,300	89,915,700	15,100			-282,100	11,278,900	11,371,200	344,582		2,177,000	5,503,940	3,032,300	657,980	6%	601	
3/12/01	28	888,400	143,800	89,935,800	19,900			4,249,800	3,682,500	7,878,000	308,789		1,770,000	6,241,100	3,417,900	-3,453,000	-43%	600	
4/9/01	28	1,203,400	317,000	89,989,200	33,600			-241,800	9,518,200	9,825,200	343,767		1,929,800	6,387,802	2,617,000	-1,309,002	-14%	603	
5/18/01	37	2,456,100	1,282,700	90,013,500	44,300			5,094,000	11,908,800	18,300,900	494,819		2,946,800	6,365,080	4,874,800	2,114,420	12%	605	
6/11/01	26	980,100	1,512,600	92,636,300	2,624,900			16,853,600	11,380,400	32,863,000	1,095,433		2,983,400	12,087,301	6,771,000	2,168,599	6%	606	
7/11/01	30	3,037,300	2,087,200	95,178,100	2,541,800			24,379,500	11,580,100	40,748,800	1,455,314		3,912,800	16,901,800	9,409,200	2,548,300	9%	625	
8/8/01	33	4,522,300	1,485,000	98,811,900	3,333,800	11,467,000		27,858,900	13,591,600	52,844,400	1,586,286		5,273,500	25,280,301	12,101,200	-1,908,201	-5%	620	
9/10/01	28	6,186,800	1,644,500	108,081,300	9,548,400	17,734,000	6,287,000	13,773,900	11,828,600	35,230,700	1,214,852		6,573,300	28,177,201	16,798,600	3,085,399	6%	622	
10/9/01	29	7,304,300	1,137,500	16,551,000	8,489,700	18,343,000	609,000	-59,300	9,499,200	13,388,800	382,471		3,519,500	13,830,301	8,853,700	8,827,199	25%	623	
11/7/01	35	7,528,100	221,800	20,275,800	3,724,800	18,398,000	53,000	-58,100	7,304,600	9,638,400	358,978		2,479,600	5,550,400	3,125,600	2,230,900	17%	623	
12/10/01	27	7,547,600	21,400	22,844,100	2,388,300	18,398,000	0	495,800	9,087,800	12,808,600	365,980		2,678,400	4,045,800	2,894,500	1,003,500	10%	625	
1/14/02	35	7,548,800	1,300	25,887,700	3,243,600	18,401,000	5,000	-58,500	8,498,000	11,501,300	369,416		2,583,200	4,081,100	2,735,600	2,111,400	18%	628	
2/15/02	32	7,548,900	100	28,949,400	3,081,700	18,401,000	0												

12-2005 9:39AM

FROM NORTH KOOTENAI

TER 208 762 0355

[illegible]

NORTH KOOTENAI WATER DISTRICT												
OHIO MATCH - PWS #1280127												
		WELL #1-WEL009184		WELL NO. 2		TOTAL	AVERAGE		UNACCOUNT		NO. OF	USAGE/
DATE	DAYS	READING	PROD.	READING	PROD.	PROD.	DAILY	USAGE	FOR WATER	%	ACCTS	ACCT
1/15/03	34	19,413,100	271,400			271,400	7,982	240,300 *	31,100	11%	36	6,675
2/12/03	28	19,624,500	211,400			211,400	7,550	238,100 *	-26,700	-13%	36	6,614
3/10/03	26	19,821,000	196,500			196,500	7,558	342,200 **	-145,700	-74%	36	9,508
4/15/03	36	20,113,100	292,100			292,100	8,114	277,500	14,600	5%	36	7,708
5/14/03	29	20,393,600	280,400			280,400	9,669	265,900	14,500	5%	36	7,388
6/12/03	29	20,792,900	399,400			399,400	13,772	391,800	7,600	2%	37	10,589
7/8/03	26	21,515,700	722,800			722,800	27,800	709,200	13,600	2%	37	19,168
8/8/03	31	22,846,700	1,330,000			1,330,000	42,903	1,294,200	35,800	3%	37	34,978
9/5/03	28	24,009,100	1,163,400			1,163,400	41,550	1,130,000	33,400	3%	37	30,541
10/13/03	38	24,533,300	524,200			524,200	13,795	511,800	12,400	2%	37	13,832
11/14/03	32	24,789,300	258,000			258,000	8,000	287,800 *	-11,800	-5%	37	7,238
TOTAL	337		5,647,800			5,647,800	16,758	5,868,800	-21,200	0%		
									* winter estimate			
									** adjustment month			

LINE LOSS WORKSHEET FOR MONTH OF: DECEMBER 1998

	A	B	C	D	E	F	G	H	I	J
1	SYSTEM		MASTER MTR	TOTAL	CONSUMER	EASMENT AND	TOTAL CONS.	LINE	% OF	AI
2			WATER PUMPED	WTR PMPED	USEAGES	ADJ TO USEGE	USAGE	LOSS	LN. LOSS	8
3	HAYDEN PINES	WELL #1	771200							
4	GROUSE MOWS	WELL #2	2000	1265400	2982900	0	2982900	-1717500	-136%	
5			492200							
6	RIMROCK	WELL #1	6832000							
7	PT HAYDEN	WELL #2	0							
8	WEST HAYDEN	LUBE MTR	-205900	6626100	5135900		5135900	1490200	22%	
9										
10	HILLSIDE	BSTR PMP	2710000							
11		BSTR PMP	885200							
12		PRES RED	32400	13471500	5815800		5815800	7655700	57%	
13			9843900							
14	HAYDEN ORCH.	WELL #1	387800	387800	255900		255900	131900	34%	
15										
16	VALLEY GREEN	WELL #1	363100	363100	312100	0	312100	51000	14%	
17										
18	OHIO MATCH	WELL #1	191200	191200	225200		225200	-34000	-18%	
19	WTR DELIVERED		0							
20	CHILCO	WELL #1	1372400	1372400	753700		753700	618700	45%	
21										
22	TWIN LAKES 61									
23	TWIN LAKES 62	WELL #1	2195000							
24	TWIN LAKES 63	WELL #2	89700	2284700	2258700	200	2258900	25800	1%	
25	TWIN LAKES 64									
26										
27	TWIN LAKES 66	ECHO BCH								
28	TWIN LAKES 67		395800	395900	662700	6500	669200	-273300	-69%	
29										
30	ATLAS ACRES	WELL #1	73000	73000	123800		123800	-50800	-70%	
31										
32	MT VIEW	WELL #1	0							
33		WELL #2	751300							
34		LUBE MTR	49300	702000	792000		792000	-90000	-13%	
35										
36	MEADOWLAND	WELL #1	62600	62600	93700		93700	-31100	-50%	
37										
38	TOTALS			27195700	19412400		19419100	7776600	29%	

NORTH KOOTENAI WATER DISTRICT

	J	K	L
S	AVERAGE	NO OF CUST	NO OF ADD
CONSUMPT.			LIVING UNITS
%	7347	368	38
%	7045	705	24
%	8603	545	131
%	5222	49	0
%	5381	57	1
%	6434	35	0
%	7247	104	0
%	4122	417	131
%	3560	170	18
%	9523	13	0
%	4659	170	2
%	5206	18	0
%	6482	2651	345

LINE LOSS WORKSHEET FOR MONTH OF: November 1998

	A	B	C	D	E	F	G	H	I	J
1	SYSTEM		MASTER MTR	TOTAL	CONSUMER	EASMENT AND	TOTAL CONS.	LINE	% OF	AV
2			WATER PUMPED	WTR PMPD	USEAGES	ADJ TO USEAGE	USEAGE	LOSS	LNLOSS	CON
3										
4	HAYDEN PINES	WELL#1	1877300							
5	GROUSE MOWS	WELL#2	1245900	3225200	103377900	-89970400	3407600	-182300	-8%	
6		WELL#3	2800							
7										
8	RM ROCK	WELL#1	1868000							
9	PT HAYDEN	WELL#2	6428700	10088400	5208000	0	5208000	4860400	48%	
10	WEST HAYDEN	LUBE MTR	-228300							
11										
12	HILLSIDE	BSTR PMP	2067000							
13		BSTR PMP	1330800	7067000	5876200	0	5876200	1080800	15%	
14		PRES RED	108100							
15			3560100							
16										
17	HAYDEN ORCH	WELL#1	345400	345400	254500	0	254500	90800	26%	
18										
19	VALLEY GREEN	WELL#1	343400	343400	314800		314800	28600	8%	
20										
21	OHIO MATCH	WELL#1	268900	268900	225200	0	225200	43700	16%	
22										
23	CHILCO	WELL#1	1508100	1508100	798500	0	798500	709600	47%	
24										
25	TWIN LAKES 61									
26	TWIN LAKES 62	WELL#1	1786000	2321200	2043400	200	2043600	277800	12%	
27	TWIN LAKES 63	WELL#2	536200							
28	TWIN LAKES 64		0							
29										
30	TWIN LAKES 88	ECHO BCH	833600	833600	691200	6500	697700	136900	16%	
31	TWIN LAKES 67									
32										
33	ATLAS ACRES	WELL#1	129800	129800	123800	0	123800	5800	4%	
34										
35	MT VIEW	WELL#1	0							
36		WELL#2	825100	765800	833800	0	833800	-68000	-9%	
37		LUBE MTR	-58900							
38										
39	MEADOWLAND	WELL#1	84100	84100	90800	0	90800	-6700	-8%	
40										
41	TOTALS			28980700	119838100	-88963700	19874400	8898300	28%	

ALLIED WATER, INC.

J	K	L
AVERAGE	NO OF	NO OF ADD
NSUMPT.	CUST.	LVNG UNTS
PAGE 7		
8425	363	38
7326	713	24
11176	541	131
5302	48	0
5429	58	1
6434	35	0
7752	103	0
5091	412	131
4196	167	18
9523	13	0
4836	169	2
6053	15	0
7820	2637	348

LINE LOSS WORKSHEET FOR MONTH OF JANUARY 1998

	A	B	C	D	E	F	G	H	I
1	SYSTEM		MASTER MTR	TOTAL	CONSUMER	EASMT AND	TOTAL CONS.	LINE	% OF
2			WATER PUMPED	WTR PMPED	USEAGES	ADJ TO USEGE	USEAGE	LOSS	LN. LOSS
3	HAYDEN PINES	WELL #1	1646900				2526400	-879500	-53%
4	GROUSE MDWS	WELL #2	0	1646900	2526400				
5									
6	RIMROCK	WELL #1	36200						
7	PT HAYDEN	WELL #2	5387300				5232200	7700	0%
8	WEST HAYDEN	LUBE MTR	-183600	5239900	5232200				
9									
10	HILLSIDE	BSTR PMP	2422000						
11		BSTR PMP	923600				3351100	1619000	33%
12		PRES RED	139400	4970100	3351100				
13			1485100				359700	62300	14%
14	HAYDEN ORCH.	WELL #1	432000	432000	369700				
15							355700	-28700	-9%
16	VALLEY GREEN	WELL #1	327000	327000	355700				
17							137000	37300	21%
18	OHIO MATCH	WELL #1	174300	174300	137000				
19							623500	759200	55%
20	CHILCO	WELL #1	1382700	1382700	623500				
21									
22	TWIN LAKES 61								
23	TWIN LAKES 62	WELL #1	1207000				2196400	303100	
24	TWIN LAKES 63	WELL #2	1292500	2499500	2196400				0%
25	TWIN LAKES 64								
26									
27	TWIN LAKES 66	ECHO BCH					415300	-116500	-39%
28	TWIN LAKES 67		298800	298800	415300				
29							63900	19600	23%
30	ATLAS ACRES	WELL #1	83500	83500	63900				
31									
32	MT VIEW	WELL #1	300						
33		WELL #2	821100				1346300	-564800	-72%
34		LUBE MTR	37900	783500	1348300				
35							41100	-800	-2%
36	MEADOWLAND	WELL #1	40300	40300	41100				
37							16660600	1217900	7%
38	TOTALS			17878500					

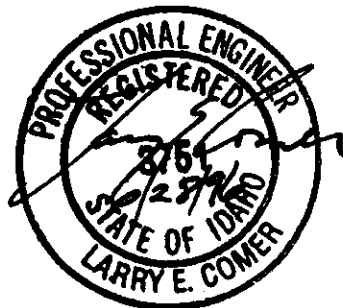
	J	K	L
	AVERAGE	NO OF CUST	NO OF ADD
SS	CONSUMPT.		LIVING UNTS
53%	6666	341	38
0%	7297	693	24
33%	5108	525	131
14%	7545	49	0
9%	8029	58	1
21%	4152	33	0
55%	7512	83	0
0%	0	385	131
19%	2401	155	18
13%	4915	13	0
2%	8028	168	2
2%	4567	9	0
7%	5832	2512	345

PRELIMINARY ENGINEERING REPORT

VALUATION AND CAPITAL IMPROVEMENT STUDY OF THE HAYDEN PINES WATER COMPANY

Prepared For:

NORTH KOOTENAI WATER DISTRICT



June, 1996

WELCH, COMER & ASSOCIATES, INC.
Consulting Engineers & Surveyors
Coeur d'Alene, Idaho
(208) 664-9382 • (208) 664-5946

TABLE 3-2
HPWC HISTORIC WATER CONSUMPTION (1992 - 1995)

Chillico 95-7827					Ohio Match 95-7713					Atlas Acres				
	No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)		No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)		No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)
1992 Jan	44	723800	182100	4139	21	368400	149700	7129	7129	8	56800	45000	5625	5625
Feb	43	823000	261400	6544	21	315300	100200	4771	4771	8	48000	53600	6700	6700
Mar	44	567200	192100	4366	21	305300	99300	4729	4729	10	50900	47700	4770	4770
Apr	45	755400	273700	6082	21	466300	150200	7152	7152	10	85800	77000	7700	7700
May	45	578300	246700	5482	22	403300	144800	6573	6573	10	61400	59900	5990	5990
June	51	757000	436000	8568	22	687800	375200	17055	17055	10	155500	148500	14850	14850
July	51	2007200	373700	7327	22	567800	256300	11650	11650	10	104900	107900	10790	10790
Aug	54	3150000	2684600	49800	22	798100	442500	20114	20114	10	189900	182400	18240	18240
Sept	57	3840900	3124500	54818	22	452200	350800	15945	15945	10	168500	170100	17010	17010
Oct	58	2178700	1764100	30416	22	149800	129900	5768	5768	10	60900	61700	6170	6170
Nov	60	1590500	1087400	18123	22	178600	130900	5950	5950	10	70800	60500	6050	6050
Dec	61	1622500	1078300	17677	22	140800	130900	5950	5950	10	62000	60500	6050	6050
AVG ANNUAL		1516025	978050			402825	204782				92750	89567		
1993 Jan	60	1912200	1088300	18138	21	151800	130900	6233	6233	10	71000	60500	6050	6050
Feb	61	2095700	1064400	17449	21	145000	130900	6233	6233	10	59800	60500	6050	6050
Mar	62	1903800	1055500	17024	21	131000	130900	6233	6233	10	51300	60500	6050	6050
Apr	61	2268900	1269100	20805	22	161700	185300	7514	7514	11	71400	73800	6709	6709
May	61	1371800	512100	8395	22	143800	125700	5714	5714	11	62100	65700	5973	5973
June	61	1746100	1105000	18115	22	296200	209800	9536	9536	11	124900	120300	10936	10936
July	62	1401500	870100	14034	23	207000	272200	11835	11835	11	107100	109100	9918	9918
Aug	62	1447800	1266900	20434	23	205800	194900	8474	8474	11	105000	97300	8845	8845
Sept	66	1911400	1238900	18771	23	279500	2893300	117100	117100	11	119200	119800	10873	10873
Oct	67	1659500	1139100	17001	23	185400	183600	7963	7963	11	83800	87600	7964	7964
Nov	68	1774800	1141300	16784	23	179500	165600	7200	7200	11	96200	84900	7718	7718
Dec	72	1376400	1133000	15736	23	133700	165600	7200	7200	11	81800	84900	7718	7718
AVG ANNUAL		1739108	1073642			188880	380725				86967	85392		
1994 Jan	69	1522700	1144100	16581	23	179300	165600	7200	7200	11	96700	84900	7718	7718
Feb	69	1447400	1134900	16446	23	140700	165600	7200	7200	11	82400	84500	7682	7682
Mar	69	1479000	922700	13372	24	140000	123400	5142	5142	11	72900	62300	5664	5664
Apr	70	1696600	1103400	15783	24	154100	143500	5979	5979	11	92800	81400	7400	7400
May	70	1589700	1111500	15879	23	169000	139500	6065	6065	11	91400	79600	7236	7236
June	71	2085600	1585200	22045	23	196400	163500	7978	7978	11	97000	94500	8581	8581
July	70	2854100	2230900	31870	23	375200	357200	15530	15530	11	176000	157700	14155	14155
Aug	74	338200	3050700	41226	23	617000	602100	26178	26178	11	308200	310500	28227	28227
Sept	78	3232000	2596100	34159	26	448000	427700	16450	16450	12	228200	202700	16892	16892
Oct	75	2615400	2110000	28133	27	271900	260900	9663	9663	11	121200	103000	9364	9364
Nov	77	1646100	1149400	14827	27	213100	179700	6656	6656	12	93100	86200	7183	7183
Dec	76	2430200	1149600	15129	27	191800	178100	6596	6596	12	84000	86200	7183	7183
AVG ANNUAL		1911583	1605717			257875	243900				128688	119292		
1995 Jan	76	1640800	1148600	15113	27	174300	169000	6259	6259	12	83000	86200	7183	7183
Feb	75	1676300	1089400	14525	28	174300	169000	6036	6036	12	71700	74500	6208	6208
Mar	77	1531000	1003100	13027	28	416600	497500	17768	17768	12	71800	59600	4963	4963
Apr	79	1687200	995600	12603	28	384100	395700	14132	14132	12	83200	76200	6350	6350
May	78	1246800	583500	7609	28	169300	156700	5596	5596	12	73100	64400	5367	5367
June	79	2338900	1590000	20127	28	349400	343800	12278	12278	12	173500	168400	13867	13867
July	89	2376300	1718100	19282	29	264200	254200	8766	8766	12	105400	103500	8625	8625
Aug	79	3837500	2850400	36081	28	628500	602500	21518	21518	12	296300	252900	21050	21050
Sept	79	2333300	1831600	23185	28	367300	362700	12954	12954	12	151800	147200	12267	12267
Oct	75	1945800	1459100	19455	29	232800	209500	7224	7224	12	82400	79700	6642	6642
Nov	76	1796800	1211600	15942	28	216800	200200	7150	7150	12	82800	66800	5567	5567
Dec														
AVG ANNUAL		2019164	1408091			307065	305527				113127	107027		

* Used to Calculate Total (gal/month/customer)

TABLE 3-1
HPWC HISTORIC WATER CONSUMPTION (1992 - 1995)

Twin Lakes 95-822					Hillside				Hayden Pines 95-7138				Pt. Hayden/Rimrock			
	No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)	No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)	No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)	No. Cust.	Total Water Pumped	Total Water Consumed*	Total (Gal/Month/Cust)
1992 Jan	393	3743700	1536300	3909	327	3692800	2094500	6405	114	348100	366600	3391	509	5877700	3022200	5938
Feb	388	3187100	1478600	3811	327	2987700	2566300	7848	115	281000	403000	3504	511	5280700	2654200	5194
Mar	389	2661400	1960900	5041	332	2880500	2099200	6323	114	305000	362200	3177	511	4980800	3598100	7041
Apr	390	3075000	1814700	4653	334	4379700	3111900	9317	116	473000	578900	4991	521	6981900	5908700	11341
May	390	1045800	2286000	5862	332	5931600	5113200	15401	118	493600	657200	5666	519	8244100	6985650	13480
June	396	6005200	3973500	10034	339	12503600	10590000	31239	119	1184400	1692000	14218	528	11970400	15064000	28530
July	403	6047000	2807200	6966	341	10328300	8237100	24156	118	990800	1368200	11595	533	8540600	11599000	21762
Aug	411	7554900	5307100	12913	350	13666400	12018400	34338	119	1358800	1870300	15717	541	15411400	16921100	31277
Sept	413	6763800	4796900	11615	352	12864400	1135300	3225	118	1100400	1615100	13687	551	11625000	16278300	29543
Oct	378	3696500	2430500	6430	356	5587100	5097700	14319	118	640900	866700	7345	549		5857000	10668
Nov	415	2271900	18173100	43791	357	3390100	2843900	7965	117	361200	50400	431	547	7215700	4614600	8436
Dec	414	3711000	2056300	4967	357	3342800	3063400	8581	117	331600	475900	4088	558	4962000	4617300	8275
AVG ANNUAL		4146942	4051758			6813760	4830883			685717	860542			7592525	8093348	
1993 Jan	406	3481500	1987500	4846	361	2340800	3750800	10389	117	354000	470800	4024	555	8202400	4848900	8737
Feb	392	3392800	1584600	3991	366	3428200	2835200	7746	116	332700	470800	4059	558	6219400	4360500	7815
Mar	410	950600	1922800	4690	367	3184300	2665400	7608	116	298500	470500	4056	554	5491400	4568800	8247
Apr	409	4028800	2951600	7217	374	2886500	3397700	9085	116	381100	1519400	13098	559	5918400	7643100	13673
May	338	3852600	2000100	5917	374	4088100	2676700	7157	117	305200	463300	3960	564	5479600	4237800	7514
June	427	5596900	3125000	7319	387	9796500	7997500	20665	116	758500	1044300	9003	575	11466000	9763800	16981
July	440	4672400	3396600	7724	392	8615500	6888000	17571	116	659000	864500	7453	589	8693700	7359100	12494
Aug	437	7020900	3321500	7601	390	7886900	6510200	16693	116	707200	926900	7991	593	9616600	7776200	13117
Sept	436	8309200	4156300	9533	399	13276300	11887900	29794	116	1078600	1513900	13051	590	13968600	12547500	21267
Oct	434	7821250	3135100	7224	399	8275600	6153300	15422	116	692600	704500	6073	590	10194800	8616900	14605
Nov	435	7333300	2113900	4860	407	5262200	3269400	8033	115	632900	566100	4923	595	4921800	3996800	6717
Dec	438	6201100	2000700	4568	411	4812900	3199000	7783	115	1061400	527600	4568	594	5304500	3912300	6566
AVG ANNUAL		6221796	2638142			6151300	5119242			606825	795217			7988100	6636142	
1994 Jan	438	7615000	2015700	4602	409	5442800	2263400	5534	117	796500	513700	4391	596	5344300	3828400	6402
Feb	439	8804100	1978000	4506	413	4799200	4501100	10699	118	585300	503400	4266	597	5191400	3900600	6366
Mar	437	8488200	2185900	5002	411	4524300	2679900	6520	125	671900	881800	7054	597	4406700	4727600	7919
Apr	445	6700200	2148800	4829	416	5894900	3511000	8440	128	680000	843900	5030	603	5569300	4607300	7841
May	446	5741800	2373200	5321	416	8205500	5772300	13876	131	1061000	999400	7629	607	8772700	7147100	11774
June	446	8899200	3644900	8172	428	10509500	7870600	18390	131	1206800	1218700	9303	615	13179200	11590900	18647
July	446	7218700	5965400	13316	430	16173500	14236200	33107	140	1366700	1496100	10701	623	14615800	15297900	24555
Aug	458	13972600	7655800	16716	439	22151540	19351900	44082	146	2197000	3212100	22001	629	25890600	29197100	46418
Sept	459	9726600	6559500	14291	440	17372800	14899700	33863	145	2080200	2532700	17467	626	18784200	22181900	35434
Oct	461	9582800	4064100	8816	442	17046700	10100200	22851	146	1482100	1418500	9716	631	10545700	12122000	19211
Nov	461	8536500	1400200	3037	444	4827300	4279700	9639	150	756500	740800	4939	626	4350800	5416000	8652
Dec	445	6707000	2280700	5125	445	3955100	3929900	8831	151	655500	733300	4856	619	5795400	5291800	8549
AVG ANNUAL		8516042	3522683			10075245	7783008			1130128	1241367			10205808	10434080	
1995 Jan	480	7052300	2369300	5151	449	2219200	3734800	6318	151	653800	721000	4775	625	6484600	4878500	7808
Feb	461	5455700	2300000	4989	450	3466800	3084400	6854	199	667900	448000	2251	626	6866100	4853000	7752
Mar	464	5469900	5650200	12177	449	3142300	2645200	5991	200	642100	608100	3041	629	4232700	4236100	6735
Apr	464	4136200	2236500	4820	457	8326000	3031500	6633	160	731200	661400	4134	631	6458700	5145100	8154
May	467	4761300	2695900	5773	460	5324000	4483300	9748	166	757400	724200	4363	629	8896000	5583800	8877
June	472	7333700	4406900	9337	461	13452300	11936200	25896	177	1617000	1965100	11102	636	19620500	13598100	21378
July	474	7383200	4634500	9777	465	13782600	10246400	22035	179	1407300	1614300	9018	636	7259600	11506900	18092
Aug	476	10499800	6345700	13331	469	19620600	17912100	38192	181	3103200	3355500	18539	639	29114200	21277800	33299
Sept	477	10246800	5368600	11255	472	13359900	12357400	26181	180	2214500	2230300	12391	644	21394400	14368900	22312
Oct	479	6313600	3116400	6506	473	10182800	8064300	17049	183	1535500	1895200	10356	641	12349000	8860400	13823
Nov	485	5170100	2277000	4695	481	4379800	37554700	78076	182	521100	945900	5197	647	5794000	4545000	7025
Dec																
AVG ANNUAL		6713127	3763727			8859645	10459282			1259182	1379000			11515618	8986482	

* Used to Calculate Total (gal/month/customer)