

EXELON 2006

2005 ANNUAL REPORT
 RECORD OF WELL PUMPAGE and WATER LEVELS
 SUSQUEHANNA RIVER BASIN COMMISSION PERMIT NO. 19961102

WEEKLY READING DATE	WELL A				WELL B				WELL C				TOTAL FLOW over Period (x 1000 GALS)
	TOTALIZER READING (x 1000 GALS)		NET FLOW	AVE DAILY FLOW (GALS)	TOTALIZER READING (x 1000 GALS)		NET FLOW	AVE DAILY FLOW (GALS)	TOTALIZER READING (x 1000 GALS)		NET FLOW	AVE DAILY FLOW (GALS)	
	START	STOP			START	STOP			START	STOP			
27-Dec-04	N/A	6918	N/A		N/A	7541	N/A		N/A	6704	N/A		N/A
03-Jan-05	6918	7243	325		7541	7601	60		6704	6764	60		445
10-Jan-05	7243	7670	427		7601	7714	113		6764	6889	125		665
17-Jan-05	7670	7989	319		7714	7835	121		6889	7007	118		558
24-Jan-05	7989	8325	336		7835	7954	119		7007	7119	112		567
31-Jan-05	8325	8610	285		7954	8021	67		7119	7182	63		415
07-Feb-05	8610	8987	377		8021	8167	146		7182	7325	143		666
14-Feb-05	8987	9428	441	Meter turnover from 9999	8167	8220	53		7325	7378	53		547
21-Feb-05	9428	9815	387	gals to 0000	8220	8321	101		7378	7477	99		587
28-Feb-05	9815	182	367	flow = 10000	8321	8378	57		7477	7533	56		480
07-Mar-05	182	584	402	- 9815 = 185	8378	8539	161		7533	7670	137		700
14-Mar-05	584	970	386	+ 182 = 367	8539	8622	83		7670	7731	61	New meter installed	530
21-Mar-05	970	1290	320		8622	8681	59	New meter installed	7731	7804	73	04/14/05	452
Mar-05	1290	1530	240		8681	8746	65	04/14/05	7804	7869	65	R2007796.	370
Apr-05	1530	1800	270		8746	8840	94	Assume	7869	7915	46	R2007796.	410
11-Apr-05	1800	2231	431		8840	9022	182	weekly flow	7915	8069	154	Assume	767
18-Apr-05	2231	261	431	New meter installed	9022	88	182	04/11 to	8069	27	154	04/11 to	767
25-Apr-05	261	662	401	04/13/05	88	269	181	04/18 same	27	191	164	04/18 same	746
02-May-05	662	1095	433	R2007796.	269	403	134	as prior	191	327	136	as prior	703
09-May-05	1095	1453	358	Assume	403	542	139	week @ 182	327	435	108	week @ 154	605
16-May-05	1453	1860	407	weekly flow	542	728	186	x 1000 gals.	435	529	94	x 1000 gals.	687
23-May-05	1860	2230	370	04/11 to	728	877	149		529	671	142		661
30-May-05	2230	2647	417	04/18 same	877	1040	163		671	839	168		748
06-Jun-05	2647	3072	425	as prior	1040	1040	0		839	1050	211		636
13-Jun-05	3072	3470	398	week @ 431	1040	1124	84		1050	1255	205		687
20-Jun-05	3470	3829	359	x 1000 gals.	1124	1308	184		1255	1438	183		726
27-Jun-05	3829	4130	301		1308	1308	0		1438	1583	145		446
04-Jul-05	4130	4367	237		1308	1308	0		1583	1742	159		396
11-Jul-05	4367	4647	280		1308	1308	0		1742	1929	187		467
18-Jul-05	4647	5045	398		1308	1308	0		1929	2135	206		604
25-Jul-05	5045	5451	406		1308	1308	0		2135	2241	106		512

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	TOTALIZER READING (x 1000 GALS)			AVE DAILY FLOW (GALS)	TOTALIZER READING (x 1000 GALS)			AVE DAILY FLOW (GALS)	TOTALIZER READING (x 1000 GALS)			AVE DAILY FLOW (GALS)	
	START	STOP	NET FLOW		START	STOP	NET FLOW		START	STOP	NET FLOW		
01-Aug-05	5451	5837	386		1308	1496	188		2241	2420	179		753
08-Aug-05	5837	6236	399		1496	1694	198		2420	2607	187		784
15-Aug-05	6236	6632	396		1694	1797	103		2607	2704	97		596
22-Aug-05	6632	7010	381		1797	1920	123		2704	2819	115		619
29-Aug-05	7010	7381	371		1920	2124	204		2819	3007	188		763
05-Sep-05	7381	7760	379		2124	2329	205		3007	3192	185		769
12-Sep-05	7760	8143	383		2329	2536	207		3192	3377	185		775
19-Sep-05	8143	8524	381		2536	2742	206		3377	3558	181		768
26-Sep-05	8524	8871	347		2742	2896	154		3558	3690	132		633
03-Oct-05	8871	9236	365		2896	3093	197		3690	3859	169		731
10-Oct-05	9236	9604	368		3093	3291	198		3859	4030	171		737
17-Oct-05	9604	9974	370	Meter	3291	3468	177		4030	4183	153		700
24-Oct-05	9974	312	338	turnover	3468	3617	149		4183	4313	130		617
31-Oct-05	312	603	291	from 9999	3617	3705	88		4313	4388	75		454
07-Nov-05	603	870	267	gals. Net	3705	3756	51		4388	4426	38		356
14-Nov-05	870	1205	335	flow = 10,000	3756	3919	163		4426	4564	138	Meter	636
21-Nov-05	1205	1580	375	- 9974 = 26	3919	4104	185		4564	4721	157	reading for	717
28-Nov-05	1580	1943	363	+ 312 = 338	4104	4208	104		4721	4812	91	01/02/06	558
05-Dec-05	1943	2284	341		4208	4334	126		4812	4921	109	was in error.	576
12-Dec-05	2284	2643	359		4334	4431	97		4921	4997	76	Assumed	532
19-Dec-05	2643	3045	402		4431	4536	105		4997	5089	92	flow same	599
26-Dec-05	3045	3366	321		4536	4654	118		5089	5192	103	as prior	542
02-Jan-06	3366	3594	228		4654	4654	0		5192	****	103	week.	331

Annual Summary Well A		Annual Summary Well B		Annual Summary Well C	
Total Gallons Withdrawn (x 1000)	19,080	Total Gallons Withdrawn (x 1000)	6,229	Total Gallons Withdrawn (x 1000)	6,787
Average Daily Withdrawal Rate (gals/day)	51,429	Average Daily Withdrawal Rate (gals/day)	16,790	Average Daily Withdrawal Rate (gals/day)	18,294

Annual Summary Combined Wells A, B & C		Total Groundwater Withdrawals	
		32,096,000	gallons
		86,512	gallons/day

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Maximum 30-Day Average - 2005 Recorded Project Groundwater Withdrawals (see yellow shaded data area above)	
Period	Total Period Flow x 1,000 (gals)
Aug 22 to Aug 29	763
Aug 30 to Sept 05	769
Sept 06 to Sept 12	775
Sept 13 to Sept 19	768
Sept 20 to Sept 26	633
Total Flow	3,708
Equivalent Daily Flow (gals/day)	105,943

Docket Approval 30-day maximum 225,000 gals/day

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 SUSQUEHANNA RIVER BASIN COMMISSION PERMIT NO. 19961102

WEEKLY READING DATE	OSF/NOB WELL				AVE DAILY FLOW (GALS)	BUILDING 48 WELL			TOTAL PERIOD FLOW BLDG 48 + OSF/NOB (GALS)	
	TOTALIZER READING (x 100 GALS)			WEEKLY FLOW		TOTALIZER READING (X 100 GALS)		WEEKLY FLOW		AVE DAILY FLOW (GALS)
	START	STOP	WEEKLY FLOW			START	STOP			
27-Dec-04	N/A	67500	N/A							
03-Jan-05	67500	67500	2520							
10-Jan-05	67500	67500	3020		257722	258124	402		292,200	
17-Jan-05	67500	67500	3530		258124	258594	470		349,000	
24-Jan-05	67500	67500	3530		258594	258996	402		393,200	
31-Jan-05	67500	67500	3530		258996	259438	442		397,200	
07-Feb-05	67500	67500	3530		259438	259914	476		400,600	
14-Feb-05	67500	67500	3530	Water flow from the OSF/NOB Well was directed to the Clearwell during all of 2005. The flow was intermittent and logged by the operators on their hand-held log computers as point O1U240. If flow were occurring then the flow is assumed to be 24/7 at 35 gpm = 50,400 gals per day flow. This is very conservative for estimating max flow rates from OSF/NOB well.	259914	260405	491		402,100	
21-Feb-05	67500	67500	3530		260405	261062	657		418,700	
28-Feb-05	67500	67500	3530		261062	261576	514		404,400	
07-Mar-05	67500	67500	3530		261576	262045	469		399,900	
14-Mar-05	67500	67500	3530		262045	262545	500		403,000	
21-Mar-05	67500	67500	3530		262545	263022	477		400,700	
28-Mar-05	67500	67500	2020		263022	263022	477	Assume Bdg 48 well flow same as March 14, 2005 reading over period through March 28, 2005. Totalizer readings not accurate over period.	400,700	
04-Apr-05	67500	67500	0		263022	263022	477		249,700	
11-Apr-05	67500	67500	2520		263022	264549	1527		152,700	
18-Apr-05	67500	67500	1510		264549	265174	625		314,500	
25-Apr-05	67500	67500	3020		265174	265574	400		191,000	
02-May-05	67500	67500	1510		265574	266322	748		376,800	
09-May-05	67500	67500	2020		266322	267028	706		221,600	
16-May-05	67500	67500	500		267028	267607	579		259,900	
23-May-05	67500	67500	2020		267607	268340	733		123,300	
30-May-05	67500	67500	1010		268340	269093	753		277,300	
06-Jun-05	67500	67500	3020		269093	269752	659	166,900		
13-Jun-05	67500	67500	3530		269752	270270	518	353,800		
20-Jun-05	67500	67500	2520		270270	270825	555	408,500		
27-Jun-05	67500	67500	2020		270825	271450	625	314,500		
04-Jul-05	67500	67500	3530	271450	271958	508	252,800			
11-Jul-05	67500	67500	2520	271958	272374	416	394,600			
18-Jul-05	67500	67500	2520	272374	272863	489	300,900			
25-Jul-05	67500	67500	3530	272863	273344	481	300,100			
				273344	273851	507		403,700		

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	TOTALIZER READING (x 100 GALS)				TOTALIZER READING (X 100 GALS)				AVE DAILY FLOW (GALS)
	START	STOP	WEEKLY FLOW		START	STOP	WEEKLY FLOW		
01-Aug-05	67500	67500	3530		273851	274400	549	407,900	
08-Aug-05	67500	67500	3530		274400	275095	695	422,500	
15-Aug-05	67500	67500	3530		275095	275853	758	428,800	
22-Aug-05	67500	67500	3530		275853	276476	623	415,300	
29-Aug-05	67500	67500	3530		276476	276973	497	402,700	
05-Sep-05	67500	67500	2520		276973	277487	514	303,400	
12-Sep-05	67500	67500	1510		277487	278036	549	205,900	
19-Sep-05	67500	67500	3530		278036	278664	628	415,800	
26-Sep-05	67500	67500	3530		278664	279251	587	411,700	
03-Oct-05	67500	67500	3530		279251	279893	642	417,200	
10-Oct-05	67500	67500	3530		279893	280502	609	413,900	
17-Oct-05	67500	67500	3530		280502	281326	824	435,400	
24-Oct-05	67500	67500	3530		281326	282500	1174	470,400	
31-Oct-05	67500	67500	2520		282500	284552	2052	457,200	
07-Nov-05	67500	67500	0		284552	286609	2057	205,700	
14-Nov-05	67500	67500	3530		286609	288344	1735	526,500	
21-Nov-05	67500	67500	3530		288344	289189	845	437,500	
28-Nov-05	67500	67500	3530		289189	289593	404	393,400	
05-Dec-05	67500	67500	3530		289593	290066	473	400,300	
12-Dec-05	67500	67500	3530		290066	290476	410	394,000	
19-Dec-05	67500	67500	3530		290476	290894	418	394,800	
26-Dec-05	67500	67500	3530		290894	291232	338	386,800	
02-Jan-06	67500	67500	3530		291232	291537	305	383,500	

See note
previous page on
OSF/NOB flow to
clearwell.

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WEEKLY READING DATE	WELL A		WELL B		WELL C	
	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)
	27-Dec-04	187	170	418	65	356
03-Jan-05	162	195	418	65	323	55
10-Jan-05	166	191	268	215	356	22
17-Jan-05	199	158	219	264	323	55
24-Jan-05	196	161	416	67	358	20
31-Jan-05	319	38	342	141	328	50
07-Feb-05	180	177	254	229	356	22
14-Feb-05	173	184	321	162	356	22
21-Feb-05	171	186	383	100	347	32
28-Feb-05	171	186	282	201	316	62
07-Mar-05	92	265	58	425	199	179
14-Mar-05	176	181	254	229	326	52
21-Mar-05	314	43	374	109	356	22
28-Mar-05	395	43	432	51	379	22
04-Apr-05	259	98	397	86	330	48
11-Apr-05	152	205	69	414	284	94
18-Apr-05	136	221	81	402	353	25
25-Apr-05	189	168	240	243	365	13
02-May-05	146	211	65	418	284	94
09-May-05	275	82	393	90	353	25
16-May-05	102	255	51	432	270	108
23-May-05	141	216	60	423	284	94
30-May-05	407	216	420	63	430	94
06-Jun-05	143	214	240	243	289	89
13-Jun-05	312	45	411	72	298	80
20-Jun-05	99	258	46	437	268	110
27-Jun-05	282	75	282	201	347	32
04-Jul-05	383	75	393	90	411	32
11-Jul-05	102	255	42	441	222	156
18-Jul-05	97	260	39	444	210	168
25-Jul-05	162	195	409	74	360	18

March 28, May 30,
and July 4, 2005,
A & C Well Depth
data appears
erroneous. Use
prior week data.
Data error most
likely due to
overpressurize
bubbler line during
reading.

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WEEKLY READING DATE	WELL A		WELL B		WELL C	
	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)	WATER LEVEL ABOVE PUMP (FT)	WATER LEVEL BELOW GRADE (FT)
01-Aug-05	245	112	409	74	353	25
08-Aug-05	79	278	32	451	178	200
15-Aug-05	143	214	273	210	328	50
22-Aug-05	146	211	314	169	314	64
29-Aug-05	289	68	314	169	349	29
05-Sep-05	72	285	23	460	120	258
12-Sep-05	69	288	18	465	92	286
19-Sep-05	55	302	7	476	97	281
26-Sep-05	226	131	32	451	141	237
03-Oct-05	53	304	7	476	92	286
10-Oct-05	69	288	9	474	106	272
17-Oct-05	166	191	310	173	356	22
24-Oct-05	238	119	217	266	347	32
31-Oct-05	176	181	293	190	356	22
07-Nov-05	291	66	284	199	358	20
14-Nov-05	245	112	210	273	282	96
21-Nov-05	162	195	69	414	208	170
28-Nov-05	300	57	247	236	351	27
05-Dec-05	249	108	222	261	314	64
12-Dec-05	185	172	367	116	356	22
19-Dec-05	192	165	280	203	356	22
26-Dec-05	314	43	305	178	358	20
02-Jan-06	319	38	330	153	365	13

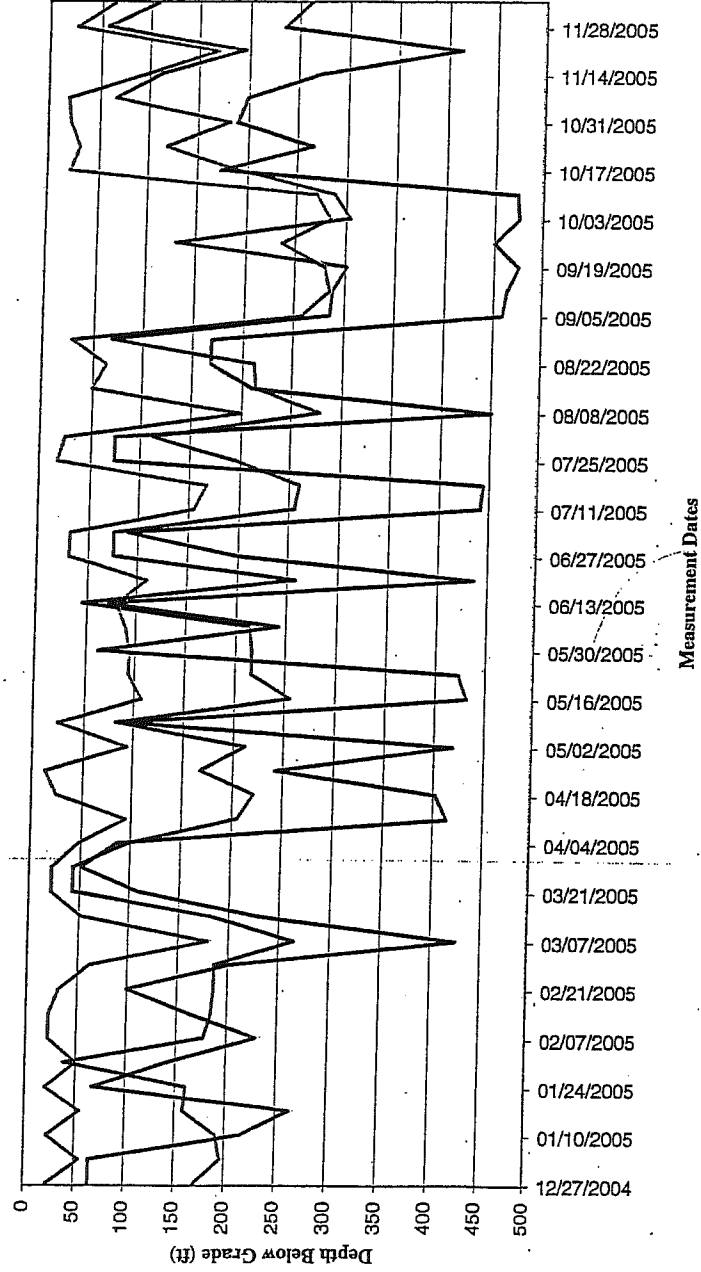
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	A psig	A ft water	B psig	B ft water	C psig	C ft water
27-Dec-04	81	187	181	418	154	356
03-Jan-05	70	162	181	418	140	323
10-Jan-05	72	166	116	268	154	356
17-Jan-05	86	199	95	219	140	323
24-Jan-05	85	196	180	416	155	358
31-Jan-05	138	319	148	342	142	328
07-Feb-05	78	180	110	254	154	356
14-Feb-05	75	173	139	321	154	356
21-Feb-05	74	171	166	383	150	347
28-Feb-05	74	171	122	282	137	316
07-Mar-05	40	92	25	58	86	199
14-Mar-05	76	176	110	254	141	326
21-Mar-05	136	314	162	374	154	356
28-Mar-05	171	395	187	432	164	379
04-Apr-05	112	259	172	397	143	330
11-Apr-05	66	152	30	69	123	284
18-Apr-05	59	136	35	81	153	353
25-Apr-05	82	189	104	240	158	365
02-May-05	63	146	28	65	123	284
09-May-05	119	275	170	393	153	353
16-May-05	44	102	22	51	117	270
23-May-05	61	141	26	60	123	284
30-May-05	176	407	182	420	186	430
06-Jun-05	62	143	104	240	125	289
13-Jun-05	135	312	178	411	129	298
20-Jun-05	43	99	20	46	116	268
27-Jun-05	122	282	122	282	150	347
04-Jul-05	166	383	170	393	178	411
11-Jul-05	44	102	18	42	96	222
18-Jul-05	42	97	17	39	91	210
25-Jul-05	70	162	177	409	156	360

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		A		B		C	
		psig	ft water	psig	ft water	psig	ft water
Well B level bubbler tube depth changed from 450 feet below grade to 483 feet below grade on Oct 16/17, 2003 with B pump replacement. Bubbler tube end at top of pump well motor/pump suction currently. Spreadsheet calculation changed to reflect tube depth change starting with Oct 20, 2003 readings. Spreadsheet calculation for Well B 2004 revised to Water level below grade = 483 feet - water level above pump.	01-Aug-05	106	245	177	409	153	353
	08-Aug-05	34	79	14	32	77	178
	15-Aug-05	62	143	118	273	142	328
	22-Aug-05	63	146	136	314	136	314
	29-Aug-05	125	289	136	314	151	349
	05-Sep-05	31	72	10	23	52	120
	12-Sep-05	30	69	8	18	40	92
	19-Sep-05	24	55	3	7	42	97
	26-Sep-05	98	226	14	32	61	141
	03-Oct-05	23	53	3	7	40	92
	10-Oct-05	30	69	4	9	46	106
	17-Oct-05	72	166	134	310	154	356
	24-Oct-05	103	238	94	217	150	347
	31-Oct-05	76	176	127	293	154	356
	07-Nov-05	126	291	123	284	155	358
	14-Nov-05	106	245	91	210	122	282
	21-Nov-05	70	162	30	69	90	208
	28-Nov-05	130	300	107	247	152	351
	05-Dec-05	108	249	96	222	136	314
	12-Dec-05	80	185	159	367	154	356
19-Dec-05	83	192	121	280	154	356	
26-Dec-05	136	314	132	305	155	358	
02-Jan-06	138	319	143	330	158	365	

2005 Well Water Levels



— WELL A — WELL B — WELL C