

AVERAGE MONTHLY EXTRACTION FLOW RATES (GPM)

Month	AE-1	AE-2	AE-3	LB-1	LB-2	LB-3	LB-4	North Horiz.	South Horiz.	TW-5	TW-9	TW-21	TW-1	TW-2 (Dolph)	TW-3	TW-4	Redskin	TW-6	TW-10	TW-14	TW-20	PW-1	SW ⁽¹⁾	TW-11	TW-12	TW-16	TW-17	TW-18	TW-19	TW-23	Monthly Extraction Rate
May-97													13	9			15														37
Jun-97													38	34			44					4									120
Jul-97													67	43			10					5									125
Aug-97													70	45			44					5									164
Sep-97													64	32			44					5									145
Oct-97													60	28			44					4									136
Nov-97													75	25			44					4									148
Dec-97													51	21			44					3									119
1997 Average													55	30			36					4									124
Jan-98													50	20			44					4									118
Feb-98													50	20			44					4									118
Mar-98													27	18			44					4									93
Apr-98													47	20			41					4									112
May-98				97									77	39			35					3									251
Jun-98				92									106	53			42					3									296
Jul-98	44			81	19								100	53			39					3									295
Aug-98	48			70	16								124	55			35					4									304
Sep-98	52			60	17								125	55			35					4									296
Oct-98	50			60	15								125	56			35					4									295
Nov-98	52			60	15								123	56			35					4									293
Dec-98	47			65	15								115	56			35					4									290
1998 Average	49			73	16								89	42			39					4									230
Jan-99	47			65	13								121	56			35					4									294
Feb-99	47			65	15								112	56			34					4									286
Mar-99	47			65	15								111	50			32					4									277
Apr-99	47			65	15								127	56			36					4									303
May-99	49			66	17								134	59			40					4									320
Jun-99	50			68	18								138	76			42					5									347
Jul-99	52			69	19								139	74			41					6									348
Aug-99	49			71	21								132	72			41					5									342
Sep-99	42			75	25								132	70			39					5									346
Oct-99	45			74	19								130	63			38					6									330
Nov-99	45			75	30								138	73			38					7									361
Dec-99	43			75	31								135	94			36					6									377
1999 Average	47			69	20								129	67			38					5									328
Jan-00	40			72	25								129	99			35					6									366
Feb-00	42			70	25								129	100			34					6									364
Mar-00	41			72	29								124	100			33					6									364
Apr-00	39			75	35								120	100			34					5									369
May-00	36			75	35								70	93	104		34					5									416
Jun-00	35			75	35								47	86	98		33					5									379
Jul-00	34			75	35								52	100	109		32					5									408
Aug-00	32			75	35								53	100	111		32					6									412
Sep-00	32			75	35								53	100	110		30					6									409
Oct-00	35			72	107								53	99	110	0.002	25					6									472
Nov-00	36			6	165								58	100	120	0.002	24					6									479
Dec-00	34			24	167			71	97				50	46	104	0.001	24					6									589
2000 Average	36			64	61			71	97				78	94	108	0.002	31					6									419
Jan-01	33			0.13	168			63	90	73			46	48	91	0.002	24	26				5									634
Feb-01	31			105	164			69	78	54			49	57	101	0.001		40				4									721
Mar-01	31			107	65			68	93	73			52	54	106	0		64				6									688
Apr-01	30			76	96			69	98	71			98	51	63	0.001		65				5									692
May-01	29			71	100			69	99	67			102	51	59	0.001		65				5									688
Jun-01	29			73	107			69	98	61			95	52	52	0.001		58				6									671

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Month	AE-1	AE-2	AE-3	LB-1	LB-2	LB-3	LB-4	North Horiz.	South Horiz.	TW-5	TW-9	TW-21	TW-1	TW-2 (Dolph)	TW-3	TW-4	Redskin	TW-6	TW-10	TW-14	TW-20	PW-1	SW ⁽¹⁾	TW-11	TW-12	TW-16	TW-17	TW-18	TW-19	TW-23	Monthly Extraction Rate	
Jan-14							100			56	25	52		7							45	2	29	33					157	101	607	
Feb-14							100			56	24	52		7							43	2	29	33					152	102	600	
Mar-14							93			56	26	49		7							46	2	27	33					152	95	586	
Apr-14							100			56	26	53		7							48	2	24	32					154	102	604	
May-14							100			53	25	56		6							48	2	22	31					157	102	602	
Jun-14							100			4	2	53		14							41	2	20	2					154	102	494	
Jul-14							99					53		15							40	2	18						158	101	486	
Aug-14							100					58		15							40	2	16						157	101	489	
Sep-14				0.037			100					59		15							40	2	15						159	97	487	
Oct-14							100					59		15							38	2	14			4			159	98	489	
Nov-14							100					65		11							32	2	12			28			165	74	489	
Dec-14							100					69		9							33	2	11			28			167	74	493	
2014 Average				0.037			99			47	21	57		11							41	2	20	27		20		158	96	536		
Jan-15							100					68		12							30	2	10			13			167	89	491	
Feb-15							100					69		11							27	2	9			24			170	78	490	
Mar-15							100					69		12							26	2	8			33			171	69	490	
Apr-15							97					69		12							23	2	7			31			173	68	482	
May-15							100					66		12							28	2	11			31			169	70	489	
Jun-15							98					55		11							44	2	22			31			156	67	486	
Jul-15							88					45		10							38	2	23			28			133	62	429	
Aug-15							99					50		11							36	2	28			31			141	69	467	
Sep-15							100					52		12							38	4	28			31			153	70	488	
Oct-15							100					53		10							40	3	27			32			154	70	489	
Nov-15							99					55		8							41	4	25			31			155	69	487	
Dec-15							100					53		7							41	3	21			31			144	70	470	
2015 Average							98					59		11							34	3	18			29		157	71	480		
Jan-16							100					61		7							43	3	15			31			160	70	490	
Feb-16							100					61		7							42	3	13			32			162	69	489	
Mar-16							100					58		8						2	39	2	24			31	2		155	69	490	
Apr-16							100					56		11							40	1	27			32			153	70	490	
May-16							100					56		12						2	40	0	27			32	2		148	69	488	
Jun-16							99					55		12							40	0	25			32	1		156	70	490	
Jul-16							98				3	56		15						3	0	40	2	24		31	6		144	71	493	
Aug-16							100					54		15							40	0	24			28			154	74	490	
Sep-16							100					53		13						2	40	3	24			28	2		149	74	488	
Oct-16							100					55		10							39	3	23			28			156	74	488	
Nov-16							100					61		8							37	0	23			28			160	74	491	
Dec-16							99					60		7							35	0	22			27			160	73	483	
2016 Average							100				2	57		10						2	1	40	1	23		30	3	155	71	489		
Jan-17							100					60		9							40	2	22			28			158	75	494	
Feb-17							100					63		7							40	3	21			20			162	82	498	
Mar-17							100					67		0							39	2	20						169	102	499	
Apr-17							99				2	66		13						4	4	30	1	20			5		160	81	9	494
May-17							69					63		16							2	32	2	19			26		158	30	72	489
Jun-17							70					51		16						3	3	29	1	17			4		137	27	72	430
Jul-17				10			109					59		18						1	0	30	0	21					159	24	54	485
Aug-17				14			112					61		19							30	0	21						155	22	49	483
Sep-17				0			89					54		16						0	0	27	0	18			1		135	27	61	428
Oct-17							97					59		20						2	7	19	1	14			13		142	30	67	471
Nov-17							99					59		19							30	2	20						156	30	68	483
Dec-17							87					54		12							26	2	19				1		140	27	59	427
2017 Average				8			94					60		14						2	3	31	1	19		24	8	153	46	57	473	
Jan-18							99					59		14							30	3	21						160	31	69	486
Feb-18							97					57		25							29	2	18						155	30	67	480

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Mar-18							98					60		22						1	30	2	16					1	160	30	67	487
Apr-18							95				1	57		22								2	13				2	153	29	64	467	
May-18							100					58		19								2	14					155	31	69	477	
Jun-18							100					58		19								2	14					157	31	69	480	
Jul-18							100					65		15								2	13					164	31	69	489	
Aug-18							96					61		11								1	12					141	30	66	446	
Sep-18							98					66		10								1	12					161	30	68	475	
Oct-18							99					64		11								2	11					162	31	68	477	
Nov-18							99					64		12								2	10					159	30	68	470	
Dec-18							93					62		13					2			2	4					167	28	64	465	
2018 Average							98					61		16					2	1	29	2	13				2	158	30	67	475	
Average (Total)	34	18	22	81	73	67	97	53	62	78	71	72	61	40	61	0.003	36	45	74	81	45	4	29	64	47	28	78	175	69	63		

(1) SW= TW-4, TW-7, TW-8, TW-13, MW-50, MW-58s (for exact wells used each month- see NPDES monthly reports)
 LB-3 began extraction on 6/8/06; LB-2 was retired on 6/5/06
 LB-4 began extraction on 12/11/13
 PW-1 Flow rate is too low to record accurate run time or GPM when <3.
 TW-16 abandoned on 2/21/17
 TW-23 (replacement for TW-16) installed on 3/8/17
 A zero is <1 gpm average