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Exhibit No. 6 Page 1 of 6

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Arkulinity 0 0 100 170 12 63 60 8 8 0 24 400 250 210 10 86 90 66 120 42 480 mg/l Total Iron .3 2.4 2.6 17 .3 1.0 .4 .2 .2 9.0 1.6 52 .3 .3 1.1 15 11 5.1 200 20 48 Ferrous <.3 <.5 <.5 7.0 <.3 <.5 <.4 <.2 2.2 7.2 1.3 .9 <.3 <.5 1.1 5.1 200 20 48 Sulfote 230 86 100 500 17 82 280 65 58 72 120 1500 980 750 130 180 120 200 710	9-10-73											
mg/l Total iron .3 2.4 2.6 17 .3 1.0 .4 .2 .2 9.0 1.6 52 .3 .3 1.1 15 11 5.1 200 20 48 Ferrous <.3	5 10 15			┢╌╍╌──┟────┢───┟───			·				and the second s	
Hg/1 India from 13 14 15 15 10 16 23 Ferrous <.3 <.5 <.5 <.5 <.6 <.4 <.2 <.2 7.2 1.3 .9 <.3 <.5 I.5 <io< td=""> I6 23 Sulfore 230 86 100 500 17 82 280 65 58 72 120 1500 980 750 130 180 120 1200 200 710</io<>												
Sulfote 230 86 100 500 17 82 280 65 58 72 120 1500 980 750 130 180 180 120 1200 200 710												
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				#*************************************			_					
Ferrous												
Sulfate 1.9 6.3 7.3 6.6 .5 6.0 5.6 3.0 .05 9.2 12.8 935 146.0 3.8 3.4 180.59 4.8 8.9 1178.0 206.0 852.2		-Sulfate	1.9 6.3	7.5	6.6 . 5	0.0 5.6		13.0 1.05 9.2	93		3.0 3.4 18U.34 4.8	8,3 1110/0 206/0 83242

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			100	101	10.2	103	104 1	05	106	107	111	112	113		4 20	1 202	203	204	206	207	208	209	210	211	214	215	216	217	218	220	221	2 32	237	239	241	301	301a	302	303	304
		Date	8	10			10			10	10	<u> </u>	10			9		9	10	10		10	10			8		8	9	8	8	8	8	8	8	8	8	8	8	9
DATE		Flow ~ g.p.m.	.4	10.7		D	24.6	n +	D	8,9	21,7	D	6.1	3	8	1.1		10.7	6.1	.2	6,1	12,4	12	131		24.6	D	2.2	12.4		3.0	2,2	1.7	6.1	2.2	94,2	115,5	2.2	200.5	61
		pH	2.9	3.3		R		R	R	3.2	4.2	+	3.1	_		5.6		2.7	4,9	4.4	5.4	3,9	3.3	3.3		3.4	R	4.2			3,3	5.9	5.1	4.8	3.3	2.7	3.4	2,6	3.1	2.5
10-8-73		Alkalinity	0	0		$\frac{n}{v}$		Y	Y		0	Γ _γ	0	+						1	+	+	0	0			r t		- 4.7	3.4			2	4.0	1	-0	1	0	0	0
		Acidity	_	++-						0		<u> </u>		+	0	2		0	0	0	16	0	+	+		0	* +	0	-2		0	12	++		0	+	0			+
			.112				72			114	6	-	70	-+	24	2		1080		6	2	26	72	360		186		216		82	102	12	10	2	66	1420	++		226	+
	. .	Total Iron	.588	tt			1.844	+			2.01		,588		46	.292	<u> </u>	2724	.741	,146	+		12.864	1		1.522		1.522	,146 2	121 7	7.369		+ + +	.741	1	1	+ +	46.92	29,438	t(
		Ferrous	0	0			0			0	0	 	0	-+	0	0		0	0	0	0	0	0	0	┝──┥	0		0		0	0	0	0		0	0	3.92	$ \square$	1	49,28
		Sulfate	215	30			70			350	35	_	105	+		35	+	1150	15	55	55	85	85	150		225		675	185	205	195	30	40	0	+	1200	165	950	550	1450
		Alkalinity	0	0			0			0	0	ļ	0	_ <u>_</u> _	<u> </u>	.03		0	0	0	1.17	0	0)		0		0	.3	0	0	.32	.04	0	0	0	0	0	0	0
		Acidity	.54	2.8			21.3			12.2	1.6		5,1	1	.1	.03		138.8	,15	.01	,15	3.87	.17	567		54.98		5.7	2.1 9	17.3	3.68	.32	2	.14	1.74	1607.2	47.2	21.7	544.4	133,4
	lb./day<	Total Iron	.003	11		Ī	.54		I	.27	.52		.04	• [.o	07	.004		3,5	.05	0004	.61	.30	.03	4.78		.45		.04	.02 2	3.73	.27	.03	.009	.05	.19	276,24	22.2	1.24	70.92	11.52
	•]	Ferrous	0	0			0	T		0	0		0		5	0		0	0	0	0	0	0	0,		0	T	0	0	0	0	0	0	0	0	0	5.44	0	0	3.61
		Sulfate	1.03	3.9			20.7			37,4	9.1	1	7,7	9	.8	.46	1	147,8	1.1	.13	4,03	12.7	.20	236		66.5		17.8	27.6 2	2932	7.03	,79	.82	0	3.8	1358.2		25.1	1325	106.3
		Date	6	6		6	6	6	6	6	6	1	7		6	5	1	5	7	7	7	7	7	6		7		7		6	6	6	6	6	6	5	5	5	5	5
DATE		Flow-g.p.m.	.4	14.6		.07	50,3 1		6.1	12.4	21.7	D	12,4	_	- 	3.8	<u>† </u>	10,7	7.5	1.1	12,4	14.6	2.2	-		27.5	o	12,4			3.8	.8	2.2	3.0	2,2	193	111.1		105,5	
DATE		pH	3.1	3.6		3.6		3.3	3.2	3.6	4,3	+	3.2		5,8	5,8	<u>+</u>	3,0		4.4	5.5	4.1	3,2	3.5	<u> </u>	3.3	R	4.2		3.5	3.4	6.6	5,4	4.8	3.5	2.8	3.4	2.8	3,1	2,7
11-5-73		Alkalinity		0		0		0	0	0	10	+	1 0	-+	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	4		0	2	<u> </u>	0.0	0	0	0	<u></u> }∤	0		0		0	0	16	2	2	0	0	0	0	0	0
		Acidity	0					-				<u> '</u>				4	 		4		20	26	66	340		186	+	134			20		ا (50	200	60		120	+
			310	++-		46			- +	116	10	-	76	-+	6		+ +	854	· · · · · ·	6		+	+									40	40	6				100	++	420
	.)	Total Iron	.15	++		A4			+	1.36	,15	 	.74	_ +	5	.15	┥	34.34	-	.15	68.97		4.35	+	┟───┨	.29		.29			.322	.120	.29	.15	+ · · · · · · · · · · · · · · · · · · ·	30.59 3.36	++	51,46		
		Ferrous	0.	0		0		0	0	0	0		0		<u> </u>	0	↓	0	0	0	4.48		0	0		0		0		0.08	0	0	0	0	0	ŧ	++		56.0	*****
		Sulfate	235	45		65	50 !	50	130	395	35	L	85	2	75	30		1150	40	30	250	95	90	1100		995		375	160	150	175	175	15	5	110	1175	225	675	325	1350
		Alkalinity	0	0		0	0	0	0	0	0	L	0		2	0		0	.2	.03	1.2	0	0	0		0		0	.5	0	0	.2	.05	.07	0	0	0	0	0	0
		Acidity	1.49	3.16		.04	35.1	.6	12.9	17.3	2,6		11.3	3 2	.6	.2		109,8	.4	,08	3.0	4.6	1.7	748		61.5		20,0	5.2 5	45.0	.9	.4	1.06	.2	1.3	463.8	80,1	3.6	152,1	30.8
•	lb./day<	Total Iron	.0007	.103		.0004	,82 .0	004.	.35	.20	.04			.0	a [.2		4.41	0	,002	10.28	.08	1.1	3.34		.096		.04	0 1	51,38	.15	.01	.008	.005	.02	709.40	12.97	1.85	20.28	
		Ferrous	0	0		0	0	0	0	0	0		0		5	0		0	0	0	.67	0	0	0		0		0	0 13	7.34	0	0	0	0	0	7,79	2,99	.24	7.10	.16
		Sulfate	<u> </u>	7.89				.7		58.9	9.1	<u> </u>	12.7	-		1.4	+	147.8		.4	37.2	16.7		2419		328,8		55.9	41,7 2		8.0	1,7	.4	.2	2.9	2724.8	300,4	24.3	412.0	98,9
		Date	3	3		3		3	3	3	4	+	5			3		3	5	5	5	5	5	3		5	+	5	5	3	7	3	1	3	3		4	-		6
DATE		Flow-g.p.m.	1.1	++					12,4	34.2	24,6	D		5 24		10.7	+	10.7	19.2	3.8	21.7	46.1	· · · · · ·	396	<u></u>	38.0	D	34.2	38.0 1	351.0	6.1	2,2	7.5	6.1	4.9	156.0	239,0	14.6	219.8	7.5
DATE		рН	2.6			3.0			3.0	3.5	4.2		3.0	_		5.3	+	2.6		÷	5.8	3.9				3.4		4,4	_	3.4	3.7	6.0		4.5	3.3	2,7	++	2.7	↓	
12-3-73				++		0		0	0		0	Y	+		5	2	+	0	2	0	10	0.5	0.0	0		294		0		0		20		2	0.0	0	0	0	0	0
		Alkalinity	0	0						, ,		T	0	-					¢		+	L	· · · ·				··· *			· · · · · ·	0					L	4		↓↓	
		Acidity	200	++	·	88				172	16	 	90			8		1400		10	10	74	+	412	┟───┤	0	<u>+</u>	118		110	52	10	400	10	56	1540	++		240	÷
		Total Iron	,80	.25					1.65	.89	0	_	1.89	<u> </u>		.26		23.92	ļ	0	7.70	261	.261	1.49		.402		.130		<u> </u>		1,42	.127	0			57.47	┝ ─ ──৵	~~~~+	+
		Ferrous	0	0		0	0	0	0	0	0	L	0		0	0		0	0	0	1120		0	0	i	0		0			1.12	• 0	0	0	0		÷	0	0	0
	L L	Sulfate	175	35		70	45 9	50	60	485	30		70	21	0	45		1250	45	55	70	115	35	1050		990		375		200	175	40	175	45	85	975	135	725	275	1175
		Alkalinity	0	0		0	0	0	0	0	0		0		0	.3		0	.5	0	2.6	0	0	0		0		0		0	0	.5	<u> </u>	.1	0	0	0	0	0	0
		Acidity	2.6	7.4		2.3	56.2 2	2.4	16.1	9 0.7	47		29.7	P 14	1,8	1.0		180.0	2.3	5,	2.6	41.0	2.9	1960		134.2		48.5	- [I	7856	3.8	.3	36.0	.7	3.3	2886.6	149.3	175.4	633,8	108.1
1		Total Iron	.01	.09		.02	1.48 .	01	.25	.37	0	1	.62	2 .0	9	.03		3.08	.03	0	2.01	.14	.02	7.09		.18		.05	.06 2	07.9	.27	.04	.01	0	.02	387.9	16.50	15.6	43,45	12.07
		Ferrous	0	0		0	0	0	0	0	ò	+	0	1	5	0	+	0	0	0	.29	0	0	0		0		0	0 3	6.36	.08	0	0	0	0	2,10	6.43	0	0	0
		Sulfate	2.3	↓		1.9				99.3	8.9	+	- L	1 62		5.8	<u> </u>	160.7		2.5			2.6	4996		452.0		154,1				1,1	15.8	3.3	5.0	827.5	387.7		1	11
		Date		11								┼───		-		+		15		10			10			11			11	11			·+		10		<u> </u>	7		-
DATE		Flow-g.p.m.	2.2				27.5	F		275	21.7	F	21.			┿╼	┥───┥		16.7		110	41.8	10	289		27.5				351	3.8	F	F	- 10	107	1230	239.0	75	200.5	3.8
UATE		pH										é	<u> </u>			R	+	3.0					3.9			3.6			4.7		3.6		R	4.9			3.7			
1-8-74		Alkalinity	3.2	+ +		R		R	R	3.8	4.7	R	3.4		<u></u>	-	┥				12	• · · · · ·	0		┝─┤	3.6 0	0	2		0		0	╡───┤	-4.9	0	0		0	0	
			0	0		0		0	0	0		0	0		0		┢──┥	0	4	6					┝──┤						0 60		0				÷+			1540
		Acidity	156			Z		z	z	84	4	z	46		8	Z	┟	740		4	4			238	· · · · · · · · · · · · · · · · · · ·	208						Z	z						180	1 1
		Total Iron	.29	÷ ···-				E	ε	.89		ε	.89		29	E	₊	15.22		.29			+	.		,44	E		.29				E	.15			6,90			*
		Ferrous	0	0		N	0	N	N	0	0	N	0		0	N		0	0	0	6.72		0	0		0	N	0			2.24	N	N	0		1 1	4.48		3.36	
		Sulfate	245	45			60	ŀ		300	24		22:	5 1	75			900	68	69	72	90	45	1060		850		475	90	75	175		L	30	45	77.5	175	475	350	1075
	r.	Alkalinity	0	0		•	0			0	.5	I	0	1	0			0	.8	.2	1.8	0	0	0		0		.5		0	0			.3	0	0	0	0	0	0
	-	Acidity	4.1	4.6			18.5	-		27.8	1.0	Ι	12.0		7.3	1		19.6	.4		.6	9.0	.8	826		68.7		24.0	9,9 11	6 8. 8	2.7			.5			126.4			
	lb./day<	Total Íron	.008	.19			.72			30	.04		.23	3 .(08			,40	.03	,01	1.03	,07	.004	3.09		,14		.15	.12 21	19.92	0,28		(T	.007	.04	287.23	19.8	3.74	45.51	2.95
		Ferrous	0	0			0	-+		0	0	1	0		0	+	1 1	0	0	0	1.00	0	0	0		0		0	0 7	2.72	,10		(<u> </u>	0					8.09	
		Sulfate		14.9			19.8	-+	~ †	99.1		1		7 4		+		23.8	13.6	-	10.7	1		3681		280.9	†	23.8	37.0 2				t				502.5		843.2	49.1
	<u> </u>		+	++				+				†	+	+		+	╂			t	+	<u> </u>	t	1							†		 	 		<u> </u>	<u>├</u> †		 	
12 MONTH	}			+	20.4		47 -		<u> </u>	<u>,, , ,</u>	10.4	1	1.0-	+	3			12.0	10 7	4.7	10.7	A= -	+	257		700	17.0	11	31.7 10		<u></u>	30	7.5		67	140	196.5		200-	7=
AVERAGE		Flow – g.p.m.		30				2.5				.17			.2 34.:	2 5,9	145	12.2	14.3	4.7	12.3	45.3	5.7	253	62.2	32,5	13.2	3.3	31.7 10	1018	5.1									
				1 1			<u>3.0-3,4 3.1</u>									49-6.1	1				-																			1 1
		Alkalinity	<u> </u>	0	0.0	0				0	.04		0			-	0	0	.1	.04	.6	0	0	0	0	0	•				0		+ +	.1	0	0		0	0	0
		Acidity	3	++	13					20	3	-1	11				++	130	1		<u> </u>	18		3662		91		15			3	1	4	<u> </u>					658	
		Total Iron	.01		.28					3,23	.03						.12	2,97		0			2,0			.58	0	.03	.14 13		12.11	.02	.01	.02			15.70			
	_	Ferrous	.007	.07	.28	-	.06 .0	004	.02	.08	.002	0	.05	.0	02 .16	.01	.10	.10	0	K.00	.41					.13	<.00e		.08 6		.14	.007	.003	5.003						
		Sulfate	6	10	27		35	I T	4	68	11	0	17	2	4 35	2	17	170	10	4	13		2						33 2		7	1	3	5			310			
				+									-			•																								

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			304o304b	304c 30	05 306	308	309 312	313	3130	315	316	317	320	322	323	324	325	329	330	332	334	335	336	337 34	0 341	342	343	345	346	3460	348a	3493	50 35	1 352
	Dat	te	7	•	7		8 8				8		8	8	8	8		8		8				8		8			8				8	8 8
DATE 2-5-73	Flow	w-g.p .m.	13.5	10	6.2		131 284				38			104.9	91.1	11.5		139		146		ļ		39	_	97.8			23.2				4.6 41	
<u> </u>	рH		3.0	3.	0		3.6 4.4				3.9		3.4	4.2	4.5	3.5		2.4		3.9		L	ļ	4.	_	3.3			44				2.4 2.	
2-5-(5		alinity	0	0			0 0	1			0		0	0	0	0		0		0		ļ		0	_	0			0				0 0	
		dity	120	37	70		190 12				20		76	23	7	94		890		170		Ļ		3	_	120			28				580 50	00 680
	mg/I < Toto	al Iron	3.5	3			2.4 .8				.1		1.6	< 0,1	.3	.5		120		2.5						. 3			.2					9 67
		rous	.3	1			1.5 .2				< 0.1		.6	< 0,1	.2	< 0.1		< 0.1		1,2		ļ		< (-	< 0.1			< 0.1					.0 < 0.1
		lfate	150	56	50		920 210				180		150	200	310	360		740		680		ļ	L	2	<u>!</u>	170			120				730 49	90 740
		alinity	0	0			0 0				0		0	0	0	0		0		0		ļ		C		0			0				0 0	
		dity	19.4	35			299 40.9				9,1		33	29	7,7	13		1486		29.4		L	ļ	1.4		141			7.8				201 2	
	lb./day< Tot	al Iron	.57	32			3.8 2.7			_	0,5		.7	.13	.33			200,4		.43						. 35			.06				8.1 19	
		rous	.05	11.	35		2.36 .68				< 0.5		.26	< .13	.22	< .01		< .17		.21		ļ	ļ	< .		< .12			< .03				.03 1.	
	-Sul	lfate	24,3	52	9.7		1448 717				82,2		65,1	252	339	498.4		1236		117.7			L	. 10.		200			33,8				216 20	61 391
	Dat	te	7		7		7 7				7		7	7	7	7		6	6	7		ļ		7		7			7					6 6
DATE	Flov	w-g.p.m.	21.7		52		94.2 284				27.5		41,8		112,3			156	25,3	13.5		L		13		93.6	 		23.2					7.5 76.0
3-5-73	рH		3,0	3.	.0		3.6 4.4	1			4.1		3.4	4.3	4.5	3.6		2.5	3.4	3.9		ļ	ļ	4.	<u>'</u>	3.2			4.3					.7 2.3
3-3-13	-Alk	alinity	0	0	,		0 0				0		0	0	0	0		0	0	0				0	_	0			•				0 0	
	Aci	dity	180	24			180 13				15		40	20	15	91			740	94				6		190			30					0 740
	-mg/1 < Toto	al Iron	8.2	2	26		3.5 .2				.2		2.1	۱, >	.4	.2		260		.2	L	<u> </u>	<u> </u>	<u> </u>		8.5			.2					3 94
	Fer	rous	1.0		3		2.7 < .2	2			< .2		.9	۱. >	.2	< .2		< .2	.3	< .2		ļ	ļ	<		4.1	┝──┤		< .2					.2 < .2
	LSul	lfate	220	34	10		880 180				120		110		190	300	ļ	700	85	120		ļ		1:	_	220			40					10 820
	- Alk	alinity	0	C			0 0				0		0	0	0	0		0	0	0			· ·			0			0					
	Acie	dity	46,9		30.7		203.7 44.4				5.0			29,6		18.3								9,		213.7			8.4					5.7 675.8
		attron	2.14	41			3.96 .68				.07	\rightarrow	1.05	< .15		.04	L	4873	.27	.03		ļ	ļ			9.56			.06					82 85.84
	Fer	rous	.26	20,			306 <,68			i	<.07		.45	< .15		K.04		.37		<.03		Ļ	ļ	K.I	_	4.61			<.06				.31 .0	
•		fate	57,4	53		-	996.0 6 14.2	·			40.1				256.4	4				19.5		<u> </u>	 	19.		247.4		+	11.2	+				2.3 7488
	Dat		4 4		4 4	4	4 4	4	4	4	4	5	5	4	4	4	3	3	3	3	5	5	5	5 3		3	3	3	5	5	5	5		3 3
DATE 4-2-73		w-g.p.m.	19.2 18		1.5 13.5		123 183.5	-			34.2			50,3			+	160,5			79.2	139		8,9 21		_						57.3		.0 24.6
4-2-73	рH		3,2 3,6	4.5 3.		5,0	3.7 4,9	3,5	_		4.4		3.4		5.3	3.7	6.4	2,6	3,3	4.0	3.6	4.5	4.6	4.5 5.			4.4	5,9					2.5 2	
		alinity	0 0	0 0		0	0 0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0 0			0	0	<u> </u>	0	0		0 0	
		idity	220 72		60 14	3	200 9	300	320	320	14	26	84	26	7	84	0			230	120	10	8	12 4			16	6	34	110	4			0 650
		al Iron	2.9 .8		4 3.6		3.2 .4	.7	.9	1,5	.5	.5	2.7	.2	< .3	+	.4	99	1.6	.2	1,8	. 2	.2	.2 .4			•1	5	•		.2		99 2	
		rous	.7.4		8 <.2	+	2.8 < 2		.5	.9	-	.3	.5	< .2	< .2	< .	< ,2	< 1	.4	< .2	.6	< .2		< .2			<.1	4.6	< .1		< .2			
		lfate	130 86		10 10	14	670 150	- +	1300	1400	150		170	210		340	67	640	160	740		26	22	10 34			55	430		350	t	<u> </u>	780 3	
		alinity	0 0	0 0		0	0 0	0	0	0 23.3	0	0	0	0	0	0	.33	0 1195,7	0	0 24,6	0	0	0	0 C 1.3 I.		0	0	0	0	0 8.0	0	0 28,9 3		0 0
		idity	50.8 15,5		8.3 2.3		295.6 19.8						~~ ~~					190.9			1.52	·		.02 .1			.7 .005				.02 .02		49.7 6.	
	Ib./day< Tot		.67 .17				4.7 .88	.05	.23 .13	.11	.21		.4	.12 .12	.6	.015 .015	.02 .008			_	.51	.33		.02 .0	_	_		13,2			.02			2 .3
		rous	.16 .09 30 18,6	.003 41		.13	4.1 .44	.04		.07	-	.2 105.7			.4 416.3			1234,2		79,1		43.4			46,1			234.8		25.4	.5		91.8 84	
·		lfate				8,9 8	<u>↓</u>	9		9	9	9	9			÷	8	8	8	9	9	9	9	9 9			9	9	9	9	9		8 8	
DATE	Dat		8 8 1.7 3.8	-			9 9 94.2 101,1		9 21.7					9	9	9								16.7 41.			-							74 30.9
DATE			3,2 3,5									4.1											4.2	4.3 5.				5.5						6 2.5
5-7-73	рH	alinity				-	0 0	0		0	0	0	0	0	0			0		0		0	0	0 0			0	0	0	0	0			
		dity	0 0 140 98) 0 30 5	4	180 8			290						77		700				150		10 6		120	16	1	1					20 670
		al Iron	140 38		0 .5		2.6 .4	1.1			.2								1.7			< .1		.3 .4		3.6	.2				1.0		120 4	
		rous	.5 .4		0 .3		2,6 ,4	1.1		1,0	<.2			< .2				28		.2	< 1		<.2	.3 .3							.2	.3		8 7.6
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			0 0			0	0 0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0 0			0	0	0	0	0		0 0	
		alinity dity	2,8 4.5				203.7 9.7																	2.0 3.										.6 248.3
			.03 .03				2,94 .49					.08											.03			5 3.81								89 26,69
	Ib./day< Toto	ai iron rous					2,94 .49																						-					87 2.82
	Sul	fate	.3 5.1	< 1 80	97 3	5	973.4 206	5 65.3	2868	452	44.5	124.9	81.8	67.9	334	42.2	.8	672.6	15.4	34.2	164	280.8	4.6	3.4 11.	1 130	8 158.6	21.5	480.3	44.3	2.5	5.9	156.13	11.3 67	8 281.7
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		3040	304b	304c	305	306	308	309	312	313	3130	315	316	317	320	322	323	324	325	329	330	332	334	335	336	337	340	341	342	343	345	346	3460	3480	349	350	351	352
	Date	5	5	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6		6	6	5	5	5
DATE	Flow-g.p.m.	3.0	4.9	2.2	72.3	3.0	10.7	88	50.3	3.8	16.7	12.4	8.9	16.7	16,7	38	81.7	7.5	1.1	123	3,5	4.9	21.7	59.7	8,9	3.8	16.7	1.7	76	.07	131,1	10.7	D	1.7	34.2	41.8	12.4	41,8
	рH	3.2	3.4	4.4	2,9	5.4	4.9	3.7	4.7	3.5	3.4	3.4	4.3	4,3	3.4	4.1	5.5	3.7	7.0	2.6	3,1	4.0	3,5	4.4	4.1	4.8	5.3	2,9	3.4	4.4	5.8	4,6	R	4.8	4.5	2.6	2.7	2.5
6-4-73	-Alkalinity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	Y	0	0	0	0	0
	Acidity	130	120	8	580	5	6	140	10	230	240	240	18	24	82	30	10	80	0	600	180	420	130	16	18	6	30	1500	140	14	12	45		6	32	760	440	730
	mg/I < Total Iron	1.65			45.5		.2	3.0	.5	1.9	. 8	1.6	< .1	< .1	1.6	.2		.25	.8	85	3.2	6.2	1.95	.25	.2	.3	.5	42	3.1	.1	4.6	< .1		.4	.5	75	24,5	55
	Ferrous	.6	.8	< .2		< .15	-	3,0	.5	1.4	. 8	1.1	< .1		1.0			<.25		< 1		3.9		.25	<.2	<.3	<.5	7.4	2.5	< .!	4.0	< .1		< .4	<.5	< .1	<.1	< .1
	Sulfate	160			870		32					1500			150			380			200		140	62	58	19	_		150	55	190	180		10	250	810	550	870
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		.48	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
	Alkalinity Acidity	4.7		.2	503.9		.8	14 8.0			48.2		1,9					7.2		886.7			33.9		1.9	.3				-	18.9	5.8				381,7		
		.06	<u> </u>		39.53		.03		.3	.09	.16	. 24	.01	.02	. 32		.93	.02		125,62	.13	,37	.51	,18	.02	.01		+	2.83		7.2 5	.01		<.01			3.65	
	lb./day< Total Iron			L																			1		.02				2.28		6.3	.01		<.01	.21	.5		.50
	Ferrous	.02		< .0					.3	.06	.16	.16	,01		.20		.88		< .01	1.48	.08		.26			.01	.1							.2		406,8		-
		5.8		.4	755,8	.2	+	919.9	26,9			223,5	16.0	14.5	30,1	8,7 2	235.6		.7	1108,4	8.4		36.5	+	6.2	.9		3 5.7	137,0	.05	299.5			•2			+	
DATE	Da te		10	10	10		10	10		10	10	10		-11		!		_!!		9	9	11	11			- 11	11		_"			11			11	9	9	9
DATE	Flow-g.p.m.	D	1.1	۱, >	17.9		.2	59.7			12.4	10.7	1.7	1.7		The second s		3.0	D	59.7	.2		10.7			1.7	8.9		34.2		36.2	3.8	D	D	8.9 4.5			14.6
7-9-73	pH	R	3, 5	4.6	3.1	R	5.6	3.8		3.7		3.5	4,1	4,1	3.5			3.7	R	2,9	3,5		3.5		5.4	<u> </u>	5,5		3.6	R	5,9	4.9	R	R	+	+		0
	Alkalinity	Y	0	0	0	Y	0	0	0	0	0	0	0	0	0	0	0	0	Y	0	0	0	0	0	0	0	0	0	0	T	0	0		Y	0	0	0	
	Acidity		140	L	820		4	170			280		24		68			68		880		330			12	8			130		32	50			64	900		
	mg/1 \leq Total Iron		1,9	1.5	82		2.7	4.7		2,7		4.1	6.0	.7		2.3		.5		140	3,5	1,8	4.8	3.9		2.5	1.4	46	2.7		8,5	.4			3.2			93
	Ferrous		1.0	1.1	38		1.3	4.2		1.5	1,0	.8	3.7	< .5	.8			< .5		17	.8	1.8	1.5	1.9	1,4	1.4	1,2	9,4	1.9		7.1	< .4			17	24	4	10
	∟ Sulfate		180	19	1100		24	860	220	1400	1400	390	240	230	150	250	290	350		790	160	1100	250	190	22	10	55	1700	170		240	170			250	950	740	900
	_Alkalinity	•	0	0	0		0	0	0	0	0	0	0	0	0		0	0		0	0	0	0	0	0	0	0	0	0		0	0			0	0	0	0
	Acidity		1.9	0. >	176.4		.01	121.9	4.6	12.3	41.7	32.0	.5	.3	1.8	2.0	1.8	1.0		631.2	.4	19.6	20.5	40,3	.4	.2	1,1	8.1	5 3,4		13.9	2.3			•	157.3		145.3
	ib./day< Total Iron		.03	.001	17,64		.008	3.37	.56	.10	.16	.14	.12	.006	.03	.46	.34	.007		10042	.01	.0	.61	1.6	. 08	.05	.15	.23	1.12		3.7	.02			.34	24.47	2,08	16,26
	Ferrous		.01	1	8.17		.004	3.01	.50	.05	.15	.10	.07	<004	.02	.38	. 30	<.007		12.19	.002	.11	.19	. 78	.05	.03	.13	.05	78		3.09	< .02			.07			1.75
	0.16-14						0.7	6160	707	606	208.6	49,9	4.0	1.9	40	50.2	470	5.2		566.7	.5	65.3	32,0	78.1	.8	.2	5.9	8.6	69.9		104.4	7.8	1		26.7	166.1	43.9	157.3
	-Sulfate		2.4	<.02	236,6		.07	010'3	1 2.1	50.6	200.0		7,0	<u> </u>	7.0	<u> </u>	43.2.	5.6		2001	<u>.</u>				ب السناسية				03.3		10 7, 4		ł					
			2.4	<.02	236,6		.07	610,9	12.1	50.6	200.0	10,0	T ₁ 0		7.0	50.2	43.2,	5.2		266.1											10 4.4							
4000 C	Date	-	2.4	<.02	236,6		.07	7	7	7	7	7	7	7	7		.7	7		6	6	8	3	8	8	8	8	8	8		8	7			7,	6	6	6
DATE		D	2.4 D			D		7	7 27.5	7 4,9	7	7	7 3.8	7,4	7 3.8	7 14.6	·7 8.9	7 3.0	Ø	-6 41,8	-i		1	8 27,5	8	8 1.1	8 4, 9	8 .8	8 21.7	D	8		Ð	D	7,	6	6	6
	Date Flow-gpm pH	D		7	7	D R	7	7	7 27.5	7 4,9	7	7	7 3.8	7,4	7 3.8	7 14.6	·7 8.9	7	Ø	6	6	8	3 8.9	<u> </u>	8	8 1.1	8 4, 9 5, 3	8 .8 2.5	8			7	0 R	D	7,	6	6	2.3
DATE 8-6-73	Date Flow-g.p.m. pH Alkalinity		D	7 -	7	ł	7 2.2	7 55	7 27.5	7 4.9 3.3 0	7 12,4 3,3 0	7 12,4 3.3 0	7 3.8 3.9 0	7 .4 3.9 0	7 3.8 3.3 0	7 14.6 4,9 0	·7 8.9	7 3.0	Ø	-6 41,8	6 .2 3.3 0	8 4,9 3.8 0	8 8.9 3.1 0	27,5 3,1 0	8 2.2	8 1.1	8 4, 9	8 .8 2.5 0	8 21.7	a	8 5,5 0	7 4.2 0	ļ		7; 4,0 0	6 2.3 0	6 2,4 0	2.3 0
	Date Flow-gpm pH	R	D	7 - 4.3	7 17.9 2.7	ł	7 2.2 5.5	7 55 3.4	7 27.5 5.8 0	7 4.9 3.3 0	7 12,4 3,3 0	7 12,4 3.3	7 3.8 3.9	7 .4 3.9 0	7 3.8 3.3	7 14.6 4,9 0	-7 8.9 50 0	7 3.0 3.5	Ø	6 41,8 2,4 0 820	6 .2 3.3 0	8 4,9 3.8	8 8.9 3.1 0	27,5 3,1 0	8 2.2 5.3	8 1.1 5.3	8 4,9 5,3 0 6	8 .8 2.5 0	8 21,7 3.2	a	8 5, 5	7	ļ		7; 4,0 0	6	6 2,4 0	2.3 0
	Date Flow-g.p.m. pH Alkalinity	R	D	7 - 4.3 0	7 17.9 2.7 0	ł	7 2,2 5,5 0	7 55 3.4 0 200	7 27.5 5.8 0 4	7 4.9 3.3 0	7 12,4 3,3 0	7 12,4 3.3 0	7 3.8 3.9 0	7 .4 3.9 0	7 3.8 3.3 0	7 14.6 4,9 0 20	-7 8.9 50 0	7 3.0 3.5 0	Ø	6 41.8 2.4 0	6 .2 3.3 0	8 4,9 3.8 0	8 8.9 3.1 0	27,5 3,1 0	8 2.2 5.3 0	8 1.1 5.3 0	8 4,9 5,3 0	8 .8 2.5 0	\$ 21.7 3.2 0	a	8 5,5 0	7 4.2 0	ļ		7; 4,0 0	6 2.3 0	6 2.4 0 640	2.3 0
	Date Flow-gpm pH -Alkalinity Acidity	R	D	7 4.3 0 10	7 17.9 2.7 0 760	ł	7 2,2 5,5 0 8	7 55 3.4 0 200 6.1	7 27.5 5.8 0 4	7 4.9 3.3 0 390	7 12,4 3,3 0 360	7 12,4 3,3 0 340	7 3.8 3.9 0 22	7 .4 3.9 0 24 .5	7 3.8 3.3 0 84	7 14.6 4,9 0 20 1.3	·7 8.9 50 0 12	7 3.0 3.5 0 100	Ø	6 41,8 2,4 0 820	6 .2 3.3 0 110	8 4.9 3.8 0 380	8 8.9 3.1 0 200	27,5 3,1 0 180	8 2.2 5.3 0 8	8 1.1 5.3 0 10	8 4,9 5,3 0 6	8 .8 2.5 0 1600 36	8 21.7 3.2 0 160	a	8 5,5 0 16	7 4.2 0 36	ļ		7, 4,0 50 1,0 1,0	6 2.3 0 980 140 42	6 2.4 0 640 42 2.2	2.3 0 910 100
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/1 < Total Iron	R	D	7 4.3 0 10 .8	7 17.9 2.7 0 760 75	ł	7 2,2 5.5 0 8 1.9	7 55 3.4 0 200 6.1	7 27.5 5.8 0 4 3.8 2.2	7 4.9 3.3 0 390 2.1 1.1	7 12,4 3.3 0 360 2,4 ,7	7 12,4 3,3 0 340 1,1	7 3.8 3.9 0 22 .6	7 .4 3.9 0 24 .5	7 3.8 3.3 0 84 5.4 2,4	7 14.6 4,9 0 20 1.3 .7	·7 8.9 50 0 12 1.2 .7	7 3.0 3.5 0 100 .3	Ø	41.8 2.4 0 820 140	6 .2 3.3 0 i10 1.8 1.2	8 4.9 3.8 0 3.80 1.7	8 8.9 3.1 0 200 6.6 1,8	27,5 3,1 0 180 6,2 1,3	8 2.2 5.3 0 8 3.9	8 1.1 5.3 0 10 3.7	8 4,9 5,3 0 6 2.0 .8	8 .8 2.5 0 1600 36	\$ 21.7 3.2 0 160 3.9 2.0	D R Y	8 5,5 0 16 9	7 4.2 0 36 1.4	ļ		7, 4,0 50 1,0 1,0	6 2.3 0 980 140	6 2.4 0 640 42 2.2	2.3 0 910 100
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate	R	D	7 4.3 0 10 .8 .3	7 17.9 2.7 0 760 75 27	ł	7 2,2 5,5 0 8 1,9 1,1	7 55 3,4 0 200 6,1 2,4	7 27.5 5.8 0 4 3.8 2.2	7 4.9 3.3 0 390 2.1 1.1	7 12,4 3.3 0 360 2,4 ,7	7 12,4 3.3 0 340 1,1 ,6	7 3.8 3.9 0 22 .6 < .5	7 .4 3.9 0 24 .5 <.5	7 3.8 3.3 0 84 5.4 2,4	7 14.6 4,9 0 20 1.3 .7 290	-7 8.9 50 0 12 1,2 ,7	7 3.0 3.5 0 100 .3 <.3	Ø	 \$ 41.8 2.4 0 820 140 2 	6 .2 3.3 0 i10 1.8 1.2	8 4.9 3.8 0 380 1.7 1.1	8 8.9 3.1 0 200 6.6 1,8	27,5 3,1 0 180 6,2 1,3	8 2.2 5.3 0 8 3.9 2,1	8 i.t 5.3 0 10 3.7 2.0	8 4,9 5,3 0 6 2.0 .8	8 -8 2.5 0 1600 36 6 1600	\$ 21.7 3.2 0 160 3.9 2.0	D R Y	8 5,5 0 16 9 6.2	7 4.2 0 36 1.4 .3	ļ		7, 4,0 50 1,0 1,0	6 2.3 0 980 140 42	6 2.4 0 640 42 2.2	2.3 0 910 100
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/1 < Total Iron Ferrous	R	D	7 4.3 0 10 .8 .3	7 17.9 2.7 0 760 75 27 970	ł	7 2,2 5,5 0 8 1,9 1,1 34 0	7 55 3.4 0 200 6.1 2.4 860	7 27.5 5.8 0 4 3.8 2.2 210 0	7 4.9 3.3 0 390 2.1 1.1 1300 0	7 12,4 3.3 0 360 2,4 .7 1300	7 12,4 3,3 0 340 1,1 ,6 1400 0	7 3.8 3.9 0 22 .6 < .5 240	7 .4 3.9 0 24 .5 <.5 <.5 140 0	7 3.8 3.3 0 84 5.4 2.4 160 0	7 14.6 4,9 0 20 1.3 ,7 290 0	-7 8.9 50 0 12 1,2 .7 320 0	7 3.0 3.5 0 100 .3 <.3 340	G F F	 41.8 2.4 0 820 140 2 820 	6 .2 3.3 0 110 1.8 1.2 1.20	8 4.9 3.8 0 380 1.7 1.1 1200 0	8 8.9 3.1 0 200 6.6 1,8 300 0	27,5 3,1 0 180 6,2 1,3 280	8 2.2 5.3 0 8 3.9 2,1 14 0	8 1.1 5.3 0 10 3.7 2.0 14	8 4,9 5,3 0 6 2.0 ,8 58	8 -8 2.5 0 1600 36 6 1600	3 21, 7 3, 2 0 160 3, 9 2,0 200 0	D R Y	8 5,5 0 16 9 6.2 270	7 4.2 0 36 1.4 .3 170	ļ		7, 4,0 0 50 1.0 280 0	\$ 2.3 0 980 140 42 960	6 2.4 0 640 42 2.2 670 0	2.3 0 910 100 1,2 970 0
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity	R	D	7 4.3 0 10 .8 .3	7 17.9 2.7 0 760 75 27 970 0	ł	7 2,2 5,5 0 8 1,9 1,1 34 0	7 55 3.4 0 200 6.1 2.4 860 0	7 27.5 5.8 0 4 3.8 2.2 210 0 1,3	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6	7 12,4 3,3 0 340 1,1 ,6 1400 0	7 3.8 3.9 0 22 .6 < .5 240 0	7 .4 3.9 0 24 .5 <.5 140 0 1,1	7 3.8 3.3 0 84 5.4 2.4 160 0	7 14.6 4,9 0 20 1.3 .7 290 0 3.5	-7 8.9 50 0 12 1,2 .7 320 0 1,3	7 3.0 3.5 0 100 .3 <.3 340 0	а 9 7	5 41.8 2.4 0 820 140 2 820 0	6 .2 3.3 0 110 1.8 1.2 1.20 0	8 4.9 3.8 0 380 1.7 1.1 1200 0	8 8.9 3.1 0 200 6.6 1,8 300 0	27.5 3.1 0 180 6.2 1.3 280 0	8 2.2 5.3 0 8 3.9 2,1 14 0	8 1.1 5.3 0 10 3.7 2.0 14	8 4,9 5,3 0 6 2,0 ,8 58 0	8 -8 2.5 0 1600 36 6 1600 0 14.6	3 21, 7 3, 2 0 160 3, 9 2,0 200 0	D R Y	8 5,5 0 16 9 6.2 270 0	7 4.2 0 36 1.4 .3 170 0	ļ		7, 4,0 0 50 1.0 1.0 260 0 8.7	6 2.3 0 980 140 42 960 0 171,3	6 2.4 0 640 42 2.2 670 0	2.3 0 910 100 1,2 970 0 159.1
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day< Total Iron	R	D	7 4.3 0 10 .8 .3 14 -	7 17.9 2.7 0 760 75 27 970 0 163.5	ł	7 2,2 5,5 0 8 1,9 1,1 34 0 ,2	7 55 3.4 0 200 6.1 2.4 860 0 132.2	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6	7 12,4 3.3 0 340 1,1 , 6 1400 0 50,7	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 ,03	7 .4 3.9 0 24 .5 <.5 140 0 1,1	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .2 3	·7 8.9 50 0 12 1,2 .7 320 0 1,3 .13	7 3.0 3.5 0 100 .3 <.3 340 0 3.6	а 9 7	\$ 41.8 2.4 0 820 140 2 820 0 41.8	6 .2 3.3 0 i! 0 1.8 1.2 1.20 0 .3	8 4,9 3,8 0 380 1.7 1.1 1200 0 22,6 .10	8 8.9 3.1 0 200 6.6 1,8 300 0 21.4	27,5 3,1 0 180 6,2 1,3 280 0 59,5 2,05	8 2.2 5.3 0 8 3.9 2,1 14 0	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05	8 4,9 5,3 0 6 2.0 .8 58 0 .4	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33	3 21.7 3.2 0 160 3.9 2.0 200 0 4L7	D R Y	8 5,5 0 16 9 6.2 270 0 9.0	7 4.2 0 36 1.4 .3 170 0 1.3	ļ		7, 4,0 0 50 1.0 1.0 260 0 8.7	 € 2.3 0 980 140 42 960 0 171.3 24.47 	6 2.4 0 640 42 2.2 670 0 23.2	2,3 0 910 100 1,2 970 0 159,1 17,48
	Date Flow-g.p.m. pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day< Total Iron Ferrous	R	D	7 4.3 0 10 .8 .3 14 -	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13	R Y	7 2,2 5,5 0 8 1,9 1,1 34 0 ,2 ,05 ,03	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6 .36 .10	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 ,09	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 .03 < .02	7 ,4 3.9 0 24 .5 <.5 140 0 1,1 .02 <.02	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .2 3	·7 8.9 50 0 12 1,2 .7 320 0 1,3 .13 .07	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01	Q 9 Y	 \$ 41.8 2.4 0 820 140 2 820 0 411.8 70.31 	6 .2 3.3 0 i10 1.8 1.2 1.20 0 .3 .005 .003	8 4.9 3.8 0 360 1.7 1.1 1200 0 22,6 .10 .07	8 8.9 3.1 0 200 6.6 1,8 300 0 21.4 .71 .19	27,5 3,1 0 180 6,2 1,3 280 0 59,5 2,05	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33	¥ 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 .52	D R Y	8 5,5 0 16 9 6.2 270 0 9.0 5.06	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01	ļ		7, 4,0 50 1,0 280 0 8,7 ,17 ,17	 € 2.3 0 980 140 42 960 0 171.3 24.47 	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08	2.3 0 910 100 1,2 970 0 159,1 17,48 .21
	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate Alkalinity Acidity Ib./day Total Iron Ferrous -Sulfate	R	D	7 4.3 0 10 .8 .3 14 - - -	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6	R Y	7 2,2 5,5 0 8 1,9 1,1 34 0 ,2 ,05 ,03	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6 .36 .10	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 ,09	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 .03 < .02	7 ,4 3.9 0 24 .5 <.5 140 0 1,1 .02 <.02	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .23 .12	·7 8.9 50 0 12 1,2 .7 320 0 1,3 .13 .07	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01	Q 9 Y	 \$ 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 	6 .2 3.3 0 i10 1.8 1.2 1.20 0 .3 .005 .003	8 4.9 3.8 0 360 1.7 1.1 1200 0 22,6 .10 .07	8 8.9 3.1 0 200 6.6 1,8 300 0 21.4 .71 .19	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03	8 4.9 5.3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14,6	¥ 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 .52	D R Y	8 5,5 0 16 9 6.2 270 0 9.0 5.06 3.49	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01	ļ		7, 4,0 50 1,0 280 0 8,7 ,17 ,17	5 2.3 0 980 140 42 960 0 171.3 24,47 ,73	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08	2.3 0 910 100 1,2 970 0 159,1 17,48 .21
8-6-73	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate Alkalinity Acidity Ib./day Total Iron Ferrous Sulfate Date	R	D	7 4.3 0 10 .8 .3 14 - - - - - -	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6	R Y	7 2,2 5,5 0 8 1,9 1,1 34 0 ,2 ,05 ,03	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6 .36 .10 193.7	7 12,4 3,3 0 340 1,1 ,6 1400 0 50,7 ,16 ,09 208.6 10	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 .03 < .02 11.0	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 I2.3	Q 9 Y	5 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8	6 .2 3.3 0 1.0 1.8 1.2 1.20 0 .3 .005 .003 .4	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12	8 8.9 3.1 0 200 6.5 1,8 300 0 21.4 ,71 .19 32.1 12	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4	8 1.1 5.3 0 10 3.7 2.0 14 0 ,1 ,05 .03 .2	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05 3,4	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14,6	3 21.7 3.2 0 160 3,9 2.0 200 0 4L7 1.02 52 52.2	D R Y	8 5,5 0 16 9 6,2 270 0 9,0 5,06 3,49 151,8	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2	ļ		4.0 0 50 1.0 1.0 280 0 8.7 .17 .17 49.0	6 2.3 0 980 140 42 960 0 171,3 24,47 .73 167,8	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24,2 12	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10
	Date Flow-gpm pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day <total iron<br="">Ferrous -Sulfate Date Flow-gpm.</total>	R Y	D R Y	7 4.3 0 10 .8 .3 14 - - - - 10	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10	R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10 8,9	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1	7 12,4 3.3 0 360 2,4 .7 1300 0 53,6 .36 .10 193.7 10	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 ,09 208.6 10 6,1	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 .03 < .02 11.0 10	7 .4 3.9 0 24 .5 <.5 140 0 1,1 .02 <.02 6,4	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .2 3 .12 50.7 10 12.4	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 12.3 10	A P P P	3 41,8 2,4 0 820 140 2 820 0 411,8 70,31 1,00 411,8 10	6 .2 3.3 C i10 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04	8 4.9 3.8 0 3.80 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7	8 8.9 3.1 0 200 6.6 1,8 300 0 21.4 .71 .19 32.1 12 6.1	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12	8 2.2 5.3 0 8 3,9 2,1 14 0 .2 .10 .06 .4 12	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8	8 4.9 5.3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12	8 -8 2.5 0 1600 36 6 1600 0 14.6 -33 .05 14.6 D	3 21.7 3.2 0 160 3,9 2.0 200 0 4L7 1.02 52 52.2 12	D R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151,8 12	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II	8 Y	R Y	7, 4,0 0 50 1.0 1.0 280 0 8.7 ,17 ,17 49.0 II 2,2	6 2.3 0 980 140 42 960 0 171,3 24,47 ,73 167,8 12	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6,1
8-6-73	Date Flow-gpm pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day <total iron<br="">Ferrous Sulfate Date Flow-gpm. pH</total>	R Y D	D R Y	7 4.3 0 10 .8 .3 14 - - - - - 10 	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4	R Y V D	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10 8,9	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1	7 12,4 3,3 0 360 2,4 .7 1300 0 53,6 .36 .10 193.7 10 8.9	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 ,09 208.6 10 6,1	7 3.8 3.9 0 22 .6 < .5 240 0 1.0 .03 < .02 11.0 10 .4	7 .4 3.9 0 24 .5 <.5 140 0 1,1 .02 <.02 6,4	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .2 3 .12 50.7 10 12.4	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 12.3 10 2.2	D D D	6 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8 10 24.6	6 .2 3.3 C ii 0 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04	8 4.9 3.8 0 3.80 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7	8 8.9 3.1 0 200 6.6 1,8 300 0 21.4 .71 .19 32.1 12 6.1	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19,2	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1.7	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8	8 4.9 5.3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0	8 -8 2.5 0 1600 36 6 1600 0 14.6 -33 .05 14.6 D	B 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 52 52.2 12 14.6	D R Y D	8 5,5 0 16 9 6,2 270 0 9,0 5,06 3,49 151,8 12 46,8	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 11 1.7	8 Y	R Y D	7, 4,0 0 50 1.0 1.0 280 0 8.7 ,17 ,17 49.0 II 2,2	6 2.3 0 980 140 42 960 0 171,3 24,47 ,73 167,8 12 3.8	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6,1
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day <total iron<br="">Ferrous Sulfate Date Flow-gpm. pH -Alkalinity</total>	R Y D R	D R Y D C C D R	7 4.3 0 10 .8 .3 14 - - - - 10 4.3	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 73 69.4 10 8.9 6.7 30	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1 3.4 0	7 12,4 3,3 0 2,4 .7 1300 0 53,6 .36 .10 193,7 10 8,9 3,4 0 2,80	7 12,4 3.3 0 340 1,1 .6 1400 0 50,7 ,16 ,09 208.6 10 6,1 3.3 0 270	$\begin{array}{c} 7\\ 3.8\\ 3.9\\ 0\\ 22\\ .6\\ <,5\\ 240\\ 0\\ .03\\ <.02\\ 1.0\\ .03\\ <.02\\ 11.0\\ 10\\ .4\\ 4.2\end{array}$	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6	7 8.9 50 0 12 1,2 .7 320 0 1,3 .13 .07 34,2 10 - 5,6	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 12.3 10 2.2 3.5	D D D	S 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8 10 24.6 2.5	6 .2 3.3 0 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04 3.5 0	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 7.1 .19 32.1 12 6.1 3.2 0	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2	8 2.2 5.3 0 8 3.9 2.1 14 0 .2 .10 .06 .4 12 1.7 5.6	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6	8 4.9 5.3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0 5.5	8 -8 2.5 0 i600 36 6 1600 0 14.6 .33 .05 14,6 D R	3 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 52.2 12 14.6 3.4	D R Y D D R	8 5,5 0 16 9 6,2 270 0 9,0 5,06 3,49 151,8 12 46,8 6,0	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II 1.7 4.4	R	R P D R	7, 4,0 0 50 1.0 1.0 280 0 8.7 ,17 ,17 49.0 II 2,2 4,1 0	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0	2.3 0 910 100 1,2 970 0 159,1 17,48 .21 169,6 10 6,1 2,4 0
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day <total iron<br="">Ferrous Sulfate Date Flow-gpm. pH -Alkalinity Acidity</total>	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - 4.3 0	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 6.7 30 0 6.7 30 0	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1 3.4 0	7 12,4 3,3 0 2,4 .7 1300 0 53,6 .36 .10 193,7 10 8,9 3,4 0 2,80	7 12,4 3.3 0 340 1,1 .6 1400 0 50,7 ,16 ,09 208.6 10 6,1 3.3 0 270	7 3.8 3.9 0 22 .6 < .5 240 0 .0 .0 .0 .0 .0 .0 .0 .0 .0	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 8 2,7	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 12.3 10 2.2 3.5 0	D D D	3 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8 10 24.6 2.5 0	6 .2 3.3 0 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04 3.5 0	8 4.9 3.8 0 1.7 1.1 1200 0 22.6 .10 .07 71.2 12 1,7 3.8 0	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 7.1 .19 32.1 12 6.1 3.2 0 180	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19,2 3.2 0	8 2.2 5.3 0 8 3.9 2.1 14 0 .2 .10 .06 .4 12 1.7 5.6 0 6	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0 5.5 0	8 -8 2.5 0 i600 36 6 1600 0 14.6 .33 .05 14,6 D R R Y	3 21,7 3.2 0 160 3,9 200 0 4L7 1.02 522 12 14.6 3.4 0 140 3.2	D R Y D D R	8 5,5 0 16 9 6,2 270 0 9,0 5,06 3,49 151,8 12 46,8 6,0 0	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II I.7 4.4 0	R	R P D R	7, 4,0 0 50 1.0 280 0 8.7 ,17 ,17 49.0 II 2,2 4,1 0 34	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Date Flow-gpm. pH -Alkalinity Acidity Total Iron	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - 4.3 0 6	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 10	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10 8,9 6.7 30 0 4.0	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1,1 3,4 0 290	7 12.4 3.3 0 2.4 .7 1300 0 53.6 .36 .10 193.7 10 89 3.4 0 280 .9	7 12,4 3.3 0 340 1,1 .6 1400 0 50.7 ,16 .09 208.6 10 6,1 3.3 0 270	7 3.8 3.9 0 22 240 0 1.0 1.0 1.0 10 .4 4.2 0 14 .3	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 8 2,7	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 12.3 10 2.2 3.5 0 94	D D D	3 41.8 2.4 0 820 140 2 820 41.8 70.31 1.00 411.8 10 24.6 2.5 0 880	6 .2 3.3 0 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04 3.5 0	8 4.9 3.8 0 380 1.7 1.1 1200 0 22.6 .10 .07 71.2 12 1,7 3.8 0 340 3.2	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 7.1 .19 32.1 12 6.1 3.2 0 180 10	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2 0 180	8 2.2 5.3 0 8 3.9 2.1 14 0 .2 .10 .06 .4 12 1.7 5.6 0 6	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0 5.5 0 7	8 -8 2.5 0 i600 36 6 1600 0 14.6 .33 .05 14,6 D R R Y	3 21,7 3.2 0 160 3,9 2.0 200 0 4L7 1.02 522 12 14.6 3.4 0 140	D R Y D D R	8 5,5 0 16 9 6,2 270 0 9,0 5,06 3,49 151,8 12 46,8 6,0 0 18	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II I.7 4.4 0 23	R	R P D R	7, 4,0 0 50 1.0 280 0 8.7 ,17 ,17 49.0 II 2,2 4,1 0 34	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/I < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Date Flow-gpm. pH Alkalinity Acidity Date Flow-gpm. pH Alkalinity Acidity Date Flow-gpm. pH Alkalinity Acidity Ferrous	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - - 4.3 0 6 .5 .5 < .5	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 10	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 5.7 3 69.4 10 8,9 6.7 30 0 4.0 1.2,	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1,1 3,4 0 290 2.5 1.2	7 12.4 3.3 0 2.4 .7 1300 0 53.6 .10 193.7 10 89 3.4 0 280 .9 < .5	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 .09 208.6 10 6,1 3,3 0 270 .7	7 3.8 3.9 0 22 240 0 .6 .6 .5 240 0 .03 .03 .03 .03 .03 .03 .03	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0	7 14.6 4,9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 8 2.7 2.3	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 2.2 3.5 0 94 .1 <.1	D D D	3 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8 10 24.6 2.5 0 880 150	6 .2 3.3 0 i10 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04 3.5 0 86 .1	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8 0 340 3.2 1,5	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 7.1 .19 32.1 12 6.1 3.2 0 180 10 2.0	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19,2 3.2 0 180 10	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1,7 5.6 0 6 2,2	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0 5.5 0 7 4.2	8 .8 2.5 0 i600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	3 21,7 3.2 0 160 3,9 200 0 4L7 1.02 522 12 14.6 3.4 0 140 3.2	D R Y D R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II I.7 4.4 0 23 1.7	R	R P D R	7, 4,0 0 50 1,0 280 0 8,7 ,17 ,17 49,0 11 2,2 4,1 0 34 2,6 2,1	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90 2
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Pate Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - 4.3 0 6 .5	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 180 10 7 900	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 5.7 3 69.4 10 8,9 6.7 30 0 4.0 1.2,	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1,1 3,4 0 290 2.5 1.2	7 12.4 3.3 0 2.4 .7 1300 0 53.6 .10 193.7 10 89 3.4 0 280 .9 < .5	7 12,4 3.3 0 340 1,1 .6 1400 0 50,7 ,16 .09 208.6 10 6,1 3.3 0 270 .7 < .5	7 3.8 3.9 0 22 240 0 .6 .6 .5 240 0 .03 .03 .03 .03 .03 .03 .03	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9 2.3	7 8.9 50 0 12 1.2 .7 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 8 2.7 2.3	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 2.2 3.5 0 94 .1 <.1	D D D	3 41.8 2.4 0 820 140 2 820 41.8 70.31 1.00 411.8 10 24.6 2.5 0 880 150 < 10	6 .2 3.3 0 110 1.8 1.2 1.20 0 .12 0 .005 .003 .4 10 .04 3.5 0 86 .1 < .1	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8 0 340 3.2 1,5	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 7.1 .19 32.1 12 6.1 3.2 0 180 10 2.0	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19,2 3.2 0 180 10 2.2	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1.7 5.6 0 6 2.2 .9	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2 .8	8 4,9 5,3 0 6 2.0 .8 58 0 .4 .12 .05 3.4 12 3.0 5.5 0 7 4.2 1.7	8 .8 2.5 0 i600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	8 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 52 52.2 12 14.6 3.4 0 140 3.2 1.7	D R Y D R Y	8 5,5 0 16 9 6.2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11 7	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II II.7 4.4 0 23 1.7 .5	R	R P D R	7, 4,0 0 50 1,0 280 0 8,7 ,17 ,17 49,0 11 2,2 4,1 0 34 2,6 2,1	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150 < 10 1100	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90 2
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Pate Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - - 4.3 0 6 .5 5 <.5 22	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93 1200	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 180 10 7 900	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10 8,9 6.7 30 0 4.0 1.2, 170 3.2	7 4.9 3.3 0 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1,1 3,4 0 290 2.5 1.2 1400 0	7 12.4 3.3 0 2.4 .7 1300 0 53.6 .10 193.7 10 8.9 3.4 0 2.80 .9 < .5 1500 0	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 .09 208.6 10 6,1 3,3 0 270 .7 <.5 1400 0	7 3.8 3.9 0 22 240 0 .6 .5 240 0 .03 .03 .03 .03 .03 .03 .04 .10 .0 .03 .04 .02 .02 .02 .04 .02 .04 .05 .05 .05 .05 .05 .05 .05 .05	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0 160 0	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9 2.3 250	7 8.9 50 0 12 1.2 7 7 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 8 2.7 2.3 240 -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 2.2 3.5 0 94 .1 <.1 360	D R Y D R Y	3 41.8 2.4 0 820 140 2 820 0 41.8 70.31 1.00 411.8 10 24.6 2.5 0 880 150 < 10 920	6 .2 3.3 0 i10 1.8 1.2 1.20 0 .3 .005 .003 .4 10 .04 3.5 0 86 .1 < .1 96	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8 0 340 3.40 3.40 0 3.40 0 0 0	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 .19 32.1 12 6.1 3.2 0 180 10 2.00 3000	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2 0 180 10 2.2 300	8 2.2 5.3 0 8 3.9 2.1 14 0 .2 .10 .06 .4 12 1.7 5.6 0 6 2.2 .9 14 0	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2 .8 12 .8 12	8 4,9 5,3 0 6 2.0 .8 58 0 .8 0 .4 .12 .05 3.4 12 3.0 5.5 0 7 4.2 1.7 60	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	8 21,7 3.2 0 160 3,9 2.0 200 0 4L7 1.02 52 52.2 12 14.6 3.4 0 140 3.2 1.7 190	D R Y D R R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11 7 240	7 4.2 0 36 i.4 .3 170 0 1.3 .05 .01 6.2 II II.7 4.4 0 23 I.7 .5 I30	R	R P D R	7, 4,0 0 50 1.0 1.0 280 0 8.7 ,17 ,17 49.0 11 2,2 4,1 0 34 2,6 2.1 200 0 .9	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150 <10 1100 0 50.6	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2 650 0 12.5	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90 2 990 0 6.7.6
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Pate Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Alkalinity Acidity	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - 10 - - 4.3 0 6 .5 5 <.5 22	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93 1200 0	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 180 10 7 900 0	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 .73 69.4 10 8,9 6.7 30 0 4.0 1.2, 170 3.2 0	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1 3.4 0 290 2.5 1.2 1400 0 3.8	7 12,4 3,3 0 2,4 ,7 1300 0 53,6 ,36 ,10 193,7 10 8,9 3,4 0 2,80 ,9 < ,5 1500 0 2,9,9	7 12,4 3,3 0 340 1,1 .6 1400 0 50,7 ,16 .09 208.6 10 6,1 3,3 0 270 .7 <.5 1400 0	7 3.8 3.9 0 22 240 0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0 160 0	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9 2.3 250 0	7 8.9 50 0 12 1.2 1.2 7 7 320 0 1.3 320 0 1.3 .13 .07 34,2 10 - 5.6 0 8 2.7 2.3 240 -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 <.01 12.3 10 2.2 3.5 0 94 .1 <.1 360 0 0 94 .1 <.1 360 0 0 94 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	D R Y D R Y	3 41.8 2.4 0 820 140 2 820 0 411.8 70.31 1.00 411.8 10 24.6 2.5 0 880 150 < 10 920 0	6 .2 3.3 0 110 1.8 1.2 1.20 0 .3 .005 .003 .005 .003 .4 10 .04 3.5 0 86 .1 < .1 < .1 96	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8 0 340 3.40 3.40 3.40 0 3.40 0 6,7	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 .19 32.1 .12 6.1 3.2 0 12 6.1 3.2 0 13.2 0 180 10 2.0 3000 0 13.1	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2 0 180 10 2.2 300 0	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1,7 5.6 0 6 2.2 .9 14 0 .1	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2 .8 12 .8 12 .8 12 .9	8 4,9 5,3 0 6 2.0 .8 58 0 .8 58 0 .12 .05 3.4 12 3.0 5.5 0 7 4.2 1.7 60 0	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	¥ 21.7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 52 52.2 12 14.6 3.4 0 140 3.2 1.7 190 0	D R Y D R R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11 7 240 0	7 4.2 0 36 i.4 .3 170 0 1.3 .05 .01 6.2 II II.7 4.4 0 23 I.7 .5 I30 0	R	R P D R	7, 4,0 0 50 1.0 1.0 280 0 8.7 ,17 ,17 49.0 11 2,2 4,1 0 34 2,6 2.1 200 0 .9	6 2.3 0 980 140 42 960 0 171.3 24,47 ,73 167.8 12 3.8 2.5 0 1100 150 < 10 1100 0	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2 650 0 12.5	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90 2 990 0 6.7.6
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib/day b/day Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - - - 10 - - 4.3 0 6 .5 5 <.5 22 0 -	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93 1200 0 120.8	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 180 180 10 7 900 0 53.2	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 7.3 69.4 10 8,9 6.7 30 0 4.0 1.2, 170 3.2 0 .43	7 4.9 3.3 0 390 2.1 1.1 1.300 0 2.2 .12 .07 77.2 10 1.1 3.4 0 290 2.5 1.2 1400 0 3.8 .03	7 12,4 3,3 0 2,4 ,7 1300 0 53,6 ,36 ,36 ,36 ,36 ,36 ,36 ,36 ,36 ,36	7 12,4 3,3 0 340 1,1 ,6 1400 0 50,7 ,16 ,09 208.6 10 6,1 3,3 0 270 ,7 < .5 1400 0 19,6	7 3.8 3.9 0 22 240 0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 .4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0 160 0 2.7	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9 2.3 250 0 6.0 .43	7 8.9 50 0 12 1.2 1.2 7 320 0 1.3 320 0 1.3 .13 .07 34,2 10 - 5,6 0 8 2.7 2.3 240 - -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 <.01 2.2 3.5 0 94 .1 <.1 360 0 2.5	D R Y D R Y	3 41.8 2.4 0 820 140 2 820 41.8 70.31 1.00 411.8 10 24.6 2.5 0 880 150 < 10 920 0 260,1	6 .2 3.3 0 110 1.8 1.2 1.20 0 .3 .005 .003 .005 .003 .4 10 .04 3.5 0 86 .1 < .1 < .1 96	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3,8 0 340 3,2 1,5 1200 0 6,7 .06	8 8 8 3.1 0 200 6.6 1.8 300 0 21.4 .19 32.1 12 6.1 3.2 0 180 12 6.1 3.2 0 13.2 0 180 10 2.0 30.0 0 13.1 .73 .73 .73	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2 0 180 10 2.2 300 0 41.5 2.31	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1,7 5.6 0 6 2,2 .9 14 0 .1 .04	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2 .8 12 .8 12 .8 12 .9	8 4,9 5,3 0 6 2.0 .8 58 0 .8 0 .4 .12 .05 3.4 12 3.0 5.5 0 7 4.2 1.7 60 0 .25 .15	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	8 21,7 3.2 0 160 3.9 2.0 200 0 4L7 1.02 52 52 52 14.6 3.4 0 140 3.2 1.7 190 0 24,5 .56	D R Y D R R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11 7 240 0 10.1 6.19	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 II II 1.7 4.4 0 23 1.7 .5 130 0 .5	R	R P D R	7, 4,0 0 50 1.0 280 0 8.7 ,17 ,17 49.0 11 2,2 4,1 0 34 2,6 2,1 200 0 .9 .07	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150 <10 1100 0 50.6 6.9	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2 650 0 12.5 1.05	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2,4 0 930 90 2 990 0 6.7.6 6.54
8-6-73 DATE	Date Flow-gpm pH -Alkalinity Acidity mg/1 < Total Iron Ferrous -Sulfate -Alkalinity Acidity Ib./day b./day Pate Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Date Flow-gpm. pH -Alkalinity Acidity Total Iron Ferrous -Sulfate Alkalinity Acidity	R Y D R	D R Y D C C D R	7 - 4.3 0 10 .8 .3 14 - - - - - 10 - - 4.3 0 6 .5 5 <.5 22 0 - - -	7 17.9 2.7 0 760 75 27 970 0 163.5 16.13 5.81 208.6 10 13.4 2.8 0 750 100 93 1200 0 120.8 16.1	R Y D R Y	7 2.2 5.5 0 8 1.9 1.1 34 0 .2 .05 .03 .9 D R	7 55 3.4 0 200 6.1 2.4 860 0 132.2 4.03 1.59 568.3 10 24.6 3.4 0 180 10 7 180 10 7 900 0 53.2 2.96	7 27.5 5.8 0 4 3.8 2.2 210 0 1.3 1.26 7.7 3 69.4 10 8,9 6.7 30 0 4.0 1.2, 170 3.2 0 4.3 1.3	7 4.9 3.3 0 390 2.1 1.1 1300 0 23.2 .12 .07 77.2 10 1.1 3.4 0 290 2.5 1.2 1400 0 3.8 .03 .02	7 12,4 3,3 0 2,4 ,7 1300 0 53,6 ,36 ,36 ,36 ,36 ,36 ,36 ,36 ,36 ,36	7 12,4 3.3 0 340 1,1 .6 1400 0 50,7 ,16 .09 208.6 10 6,1 3.3 0 270 .7 <.5 1400 0 19,6 .05 ,04	7 3.8 3.9 0 22 240 0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 ,4 3.9 0 24 .5 <.5 140 0 1.1 .02 <.02 6.4 D R Y	7 3.8 3.3 0 84 5.4 2.4 160 0 3.9 .25 .11 7.4 11 3.0 3.4 0 76 1.4 1.0 160 0 2.7 .05	7 14.6 4.9 0 20 1.3 .7 290 0 3.5 .23 .12 50.7 10 12.4 5.6 0 40 2.9 2.3 250 0 6.0 .43 .34	7 8.9 50 0 12 12 1.2 7 320 0 1.3 .13 .07 34,2 10 - 5,6 0 8 2.7 2.3 240 - - - - -	7 3.0 3.5 0 100 .3 <.3 340 0 3.6 .01 <.01 <.01 <.01 2.2 3.5 0 94 .1 <.1 360 0 2.5 .003	D R Y	$\begin{array}{c} 3\\ 4\\ 4\\ 2\\ 8\\ 2.4\\ 0\\ 820\\ 140\\ 2\\ 820\\ 0\\ 4\\ 1.8\\ 70.31\\ 1.00\\ 4\\ 1.8\\ 10\\ 24.6\\ 2.5\\ 0\\ 880\\ 150\\ < 10\\ 920\\ 0\\ 260.1\\ 44.34\\ 2.96\end{array}$	6 .2 3.3 0 110 1.8 1.2 1.20 0 .3 .005 .003 .005 .003 .005 .003 .005 .003 .004 3.5 0 86 .1 < .1 96 0 .04 T T	8 4.9 3.8 0 380 1.7 1.1 1200 0 22,6 .10 .07 71,2 12 1,7 3.8 0 340 3.2 1,5 1200 0 6,7 .06 6,03	8 8.9 3.1 0 200 6.6 1.8 300 0 21.4 .71 .19 32.1 12 6.1 3.2 0 180 10 2.0 3000 0 13.1 .73 .15	27.5 3.1 0 180 6.2 1.3 280 0 59.5 2.05 .43 92.5 12 19.2 3.2 0 180 10 2.2 300 0 41.5 2.31	8 2.2 5.3 0 8 3.9 2,1 14 0 .2 .10 .06 .4 12 1.7 5.6 0 6 2.2 .9 14 0 .1 .04 .02	8 1.1 5.3 0 10 3.7 2.0 14 0 .1 .05 .03 .2 12 .8 5.6 0 5 2.2 .8 12 0 .05 .02	8 4,9 5,3 0 6 2.0 .8 58 0 .8 0 .4 .12 .05 3.4 12 3.0 5.5 0 7 4.2 1.7 60 0 .25 .15	8 .8 2.5 0 1600 36 6 1600 0 14.6 .33 .05 14.6 D R Y	8 21,7 3.2 0 160 3,9 2:0 2:0 2:0 52:52:2 12 14.6 3.4 0 140 3.2 1.7 190 0 24.5	D R Y D R R Y	8 5,5 0 16 9 6,2 270 0 9.0 5.06 3.49 151.8 12 46.8 6.0 0 18 11 7 240 0 10.1	7 4.2 0 36 1.4 .3 170 0 1.3 .05 .01 6.2 11 1.7 4.4 0 23 1.7 .5 130 0 .05 .03	R	R P D R	7, 4,0 0 50 1.0 280 0 8.7 ,17 ,17 49.0 11 2,2 4,1 0 34 2,6 2,1 200 0 .9 .07 ,06	6 2.3 0 980 140 42 960 0 171.3 24,47 .73 167.8 12 3.8 2.5 0 1100 150 <10	6 2.4 0 640 42 2.2 670 0 23.2 1.52 .08 24.2 12 1.7 2.5 0 630 53 < 2 650 0 12.5 1.05 .04	2.3 0 910 100 1,2 970 0 159.1 17.48 .21 169.6 10 6.1 2.4 0 930 90 2 990 0 6.7.6 6.54 .15

Exhibit No. 6 Page 5 of 6

																	_																					
			3040304	46 304	c 30	5 306	308	309	312	313	3130	315	316	317	320	322	323	324	325	329	330	332	334	335	336	337	340	341	342 3	43 3	345	346	346o	3480	349	3503	351	352
	Date		8 8	8		8	8	8	8	8	8	8	8	10	10	10	10	10		8	8	9	10	10	10	10	9	9	9		9	9			9	9	9	8
DATE	Flow-	- a.p. m .	1.1 2.1		51	22	7.5	34.2	21.7	2.2	12,4	8.9	7.5	6.1	12,4	34.2		6.1		21.7	1.1	1.1	12.4	27,5	2.2	1.1	16.7	1.7	38	DI	15.5	4.9	0	D	14.6	12.4	4.9	12,4
	рH		2.8 2.		+	1	5.4	3.3	61	3.4	3.4	3,4	4.1	4.0	3.4	3.6	4.9	3.5		2.6	3.5	3.3	3.3	3.2	4.5	4,4		2.7				4,3	R	R	4,0		2.7	2.6
10-8-73	Alkali	inity	0 0		0	0	2	0.0	18	0.4	0	0	0	0	0	0.	2	0		0	0	0	0	0	0	0	0	0			0	0	Y	Y	0	0	0	0
	Acidi				-	+	12	240		258		282	220	40		100	22	94		840		234	170	154	10	16			242	- +		32						1120
	mg/I < Total		248 19 1,844 3.40		420		4.15		12 4,542	1.362			.741		84 2.176	,146		.146		137.94		5,997					3,04					1,362				42.66 2		
	Ferro)			+	4.15		4.542	0	0	0	0	.292	0		439 0	,146		2016		3360	2.24	0	0	0			1,904		0	0					0	50.52
	Sulfa		h		35.2						1450			<u> </u>	160	0 335		335		950				240		40			335			170		*				82.5
	–Alkal		275 22		450	5	60	0	185	1175			170	130						950			0	0	<u> </u>	40												
	Acidi				0	1	.18	0	4.7	0	0	0	0	0	0	0	.3	0		-	0	0	+		0		0	0	0		•	0			0	0	•	0
	Ib/day< Total		3,3 5.				1.1	98.6	3,1	6.8		30,2	19.8	_	12.5	41.1	3,3	6.9		219 35.97	.79		25,3	50.9	.26	.21		34,3 .62				1.9						166,9
			.02 .09			1	.37	7.76	118	.04	.2	.20	.07	.02	.32	.06	.07	,01			.01	.08	.89	1.5	03	.01			3,22			.08				21.25		
	Ferro Sulfa		0 0				0	4.60	.67	0	0	0	0	0	0	0	0	0		5.26	0	.04	.33	0	0	0	0		1.06	_	<u> </u>	<u> </u>			•	2.84	•	0
		116	3.6 5.9		275,8	-	5,4		48.2		216.04		15.3			137.7		246		247.7 7	.86	8.9 7	41.7	79.3 7	0	.53	8.0	4.32	186,5 7		33.5 7	10 6		6	78.9 7	160,2 6	25 7	122,9
	Date		5 5	_	5	5	5	5	5	5	5	5	5	6 21.7	6	7 27,5	7	7 7,5		27.5	3.9		16.7	34,2	4.9	7 2.2						6,1	D		24.6			21.7-
DATE	Flow-	- y.p .m.	4,9 3,				- · · · ·	30,9	4.9	1.7	12.4	6.1	10.7	• • • • • • • • •	8,9		12.4					1.1 3.7		34.2	4,3	4.3						4.4	R	4,4	4,2		2.7	2,5
11-5-73	p H		3,0 3,2		+	5.4	5.6	3.9	5.9	3.4	3.3	3,3	4.2	4.1	3.1	2.7	4,5	3,4		2.6			3,3									+	- n		9.2		+	0
	Alkali		0 0		0	4	4	0	4	0	0	0	0	0	0	0	2	0		0	0	0	0	0	0	0	4	0	0		6	0	+	0	_	-	0	
	Acidit		192 16			_	8	80		<u> </u>		220	14	18	60	214	14	76		200 173.72	54		130 3.22	130 340	12	6 .29			400 5.36			32 ,15		12 .15		1200 200.08 3		1200
	mg/l < Total		1,36 1.3				.15 0	21,84 13,44	1.20	.89	.74 0	.74 0	,44 0	,15 0	9.44 4.48	.15 0	.59 0	.15 0		2.24	1,20 0	1.68 0	322 0	0	.44 0	.29			0		0	,15		0			1.12	3.36
	Ferro		0 0	-+	_		+		0	0				+									215	215	35	30			275			190					+	950
	LSulfa		260 20			35	35	725		1075	1425	1475	180		300	300	245	325		8.50							.7	0	0					0	0			0
	Alkal		0 0				.2	0	2	0	Ø	0	0	0	0	0	.3	0		0	0 2.5	0	0 26,1	0 53.4	0.7	0.16		32.7				0		,2		240.8 3		
	Acidi		11,3 7.	+	98,0	11. 10	.4	29,7	,6	5.7	40.8	16.1	1.8	4.7	6.4	70,7	2.1	6.8		66J										_								
	lb./day< Total		0, 80.		19.67		,007	8.11	.07	.02	.11	.05	.06	.04	1.01	.05	.09	.01		57.4	.06	.02	.65	1.40	.03	.008	,08		3.24			.01		.002			<u> </u>	32.64
	Ferro		0 0			+	0	4,99	0	0	0	0	0	0	.48	0	0	0		.74	0	0	0	0	0	0	0	.05	0			0		0				.88
-	Sulfa	a te	15,3 9.	4 .4	321.7	7,9	1,6	2692	14.5	22.0	212.3	108,1	23,1	43.0	32.1	99.1	36,5	29,3		280.9	2.6	5.9	43,1	+	2.1			24,5	166.2		74,4	13,9			104.9	200.7	28,5	247.7
	Date		4 4		4	5	5	5	5	5	5	5	5	4	4	5	5	5		4	4	4	5	5	5	5	4	4	4	4	4	5		5	5	4.	4	4
DATE 12-3-73	*Flow-	-g.p.m.	6.1 6.			_	30.9	46,1	193.0		34.2		46.1		27.5					123.0	2.9			55.0	12,4	8.9	34,2			24.6 2					38.0		19.2	
12-3-73	p H		3.2 3.			2 5.2		3,5	5.1	3.6	3,4		4.6	4.3	3.7	2.9	4.9			2.9	3.3	4.1	2.9	3.5	2.8	2.8	4.2	3.0				4.4	R	4.6 2	4,3 0	2.9 0	2.9	2.9
	-Alkali		0 0		0	6	6	0	6	0	0	0	2	0	0	0	8	0		0	0	0	0	0	0	0	0	0	0	<u> </u>	<u>•</u>	0				-	0	0
			154 9	_		_	6	220		264	314		42			240	38				304			240		380						34		12		1200 1		
	mg/l < Total		1.20 89					14.72		.47	.86	.91	.78	.25	.75	.25	.37	,26			3,46					2,15						.54	+			18.55		
	Ferro		0 0			_	0	6.72		0	0	0	0	0	0	0	0	0		1.12	•	0	0	0	0	0		2.24			0	0		0		1.120	0	0
	-Sulfa		155 10	_	_	-	30			550	600	1175	210	170	155		265			800				355	175		30					135						700
	Alkal		0 0			A	2.2	0	13.9	0	0	0	1,1	0	0	0	3.3	0		0	0	0	0	0	0	0	0	0	0	0	0	0		.3	0	0	0	0
	Acidi		11.3 7.				2.2		·		129.0			4.5		98.6	15.6			1891.7	10.6	9.2		158.6	56.6			32,3		5.9 1		15.5	<u> </u>			725.2 3		
	lb./day< Total		.09 .01	7 0	69.4	11 .02	.05	8,15	.59	.03	.35	.24	.43	.04	.25	.10	.15	.04		259,0	.12		1.35	2.00	.60	.23	.11					.25		.03		7165 2		
	Ferro		0 0		5.9		0	3.72	0	0	0	0	0	0	0	0	0	0		1 .6 6	0	0	0	0	0	<u> </u>		.05	0		0	0		0	0		0	0
a	<u> </u>		11,4 7,	,7 ,7	594.	2 2.2	11.1	387.7	591.3	32.4	246.6	306A	116.3	25.3	51,2	113.0	108.9	43.2		1182,3	9.6	30.0				18.7	12.3	22.0	270.0	20.7 5	16,9	61.6				423.1		206.9
	Date		7 7	,	7	7	7	7	7	7	7	7	7	8	8		8	11		10		10	8	8	8	8	8		10	_	10	11			H		10	10
DATE		-g .p.m.		.9 F			14.6					37.5	_	A			34.2			76.0	F	12.4			8.9		14.6					34.2	D	3.8	19,2		6.1	
1-8-74	pH	:_:.		15 R	_		-	3.6	4,7		3,4	3.4	4,1	· · · ·	3.7		4.8			2.7	R	4.0		4.1	4.0	4.7	5.4	R				4.6	R	+		2.6		
	-Alkali		0 0					0	6	0	0	0	0	2	0	2	4	0		0	0	0	0	0	0	6	4	0		0	8	2		4	2	0		0
	Acidi		152 7				1	184		250		246	18	24	16			84		660	Z			106	126		4					28	ł	6		1380		
	mg/I < Total		1.52 L5				+			1.20	.74		.29		.59		.44			125.18	E	.29			6.67		.44				3,63	0		.44		59.97 I	05.914	
	Ferro		0 0		10,08	8 0		6.72	0	0	0	0	0	0	0	0	0	0		2.24	N	0	0	0		13,44	0	N			6,72	0		0	0	0	0	0
	∟Sulfa		100 27	'5	625	5 7	19	700		975	900	1050	220	190	300	225				375		375		275	350	30	45	$ \rightarrow $	150			140				700	900	600
	Alkai		0 0		0	1		0	8.3	0	0	0	0	.3	0	.9				0		0	0	.0	0	.4	.7		0		23.0	.8		,2	.5	0	0	0
	Acidi	ty	4.0 4.	_	530,		1		13.9		183.8			3.1						602.7		27.7		64.1	13.5	.6	.7		66.5			11.5		,3		359.8		
	lb./day< Total		,04 .0	9	38.58			3.70	.41	07	.37	.30	.15	.02	.09	0	.18	1		114.31		.04	.47	.36		3,04	.08		1.52		4,77	0		.02		41.7	7.76	
	Ferro		0 0		11.34				0	0	0	0	0	0	0	0	0	0		2.05		0	0	0	0	.99	0		0		9,30	0		0.	<u> </u>		0	ò
	Sulfa	ite	2.6 16	.2.	702.9) .3	3.3	546.7	381.6	57.4	452.0	346.9	110.5	24.4	44.7	102.7	92.5	35.3		342.4		55.9	52.6	166.2	37,4	2.2	7,9		90.7	5	68.87	57.5		,5	404	182,5 (66.0	177.3
12 MONITI														Ŀ								<u> </u>					<u> </u>											
12 MONTH AVERAGE	Flow-	– g.p.m.	6.1 4.	5 1.0		4 3,3	12.4	70.5	108.5	36.9	19,4	15:6	21	19	17,6		58.6		.9			17.9			6.8		29.3		59.7					3.2				
AVERAUE	Pri Ku	ange	2.8-3329-	384.0-4	6 2.7-3	24.0-5.9	4.9-56	33-39			3.3-3.6	3J-3.5	3.9-4.6	3.9-4A	3,1-3,7	2.7-5.7			6.4-7.0	2.4-2.9					28-56	28-5.6		25-30		2-4.44.	1-6.04		3.8	4.4-48		2.3-3.82.		
	<mark>⊢Alkal</mark> i	inity	0 0				.4	0	2,6		0	0	ا,	.03	0	.1	.5	0	.1	0	0	0	0	0	0	.04	۱.	0	0	<u> </u>	3.5	.1	. 0		-1		0	0
	Acidi		1 5	1	397	1		85	16	13	75	50	7		<u></u> ŧ∙ 15	30	80		-1		25	<u> </u>	60	72	8				243			13	1	- 1		360		270
	lb./day < Total	I Iron	.31 .0	06 0	38,4	0.06	.09	4.72	.85	.06	.23	.22	.14	,06	.48	.30					2.48		.74	1.16	.17	,35						.07	.01	.01		45.01		
	Ferro	ous		_	08 16.9	100. E		3.4	.27	.03	.07		<.027	.03	.13	.08			.005				.17	.24	.02						_	.01	-0	.01		1.73		
	L-Sulfa		13 7	7 0	336	6 1	4	665	266	48	260				36	107	161	70	Ó	708	7	47	70	118	8	3	ġ	29	144	4 3	379	26	3	2	86	317	79	268
						-			-									_																				

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ACID LOAD AVERAGES

Rank	Area	Discharges	Acid Load (lbs/day)	Percent of Total
1	XXIII	301	1651	21.64
2	XLVI	329, 350, 351	1263	16.55
3	XIX	220, 221	1086	14.23
4	XVI	211 - 214	904	11.85
5	XXVI	30 3	658	8.62
б	XXIX	305	397	5.20
7	XXXIX	330, 352	295	3.87
8	XLIII	341, 342, 343	184	2.41
9	XL	334, 335, 336, 337	1 39	1.82
10	XXXIV	313,313A, 315	137	1.79
11	XI	204	1 30	1.70
12	XXVII	304, 304A, 304B	127	1.66
13	XVII	215, 216	91	1.19
14	XVIV	301A	89	1.17
15	XXXII	309	85	1.11
16	XXV	302	61	.80
17	XXXVII	332, 323, 324	47	.62
18	XLV	346, 346A, 348A, 34	9 39	.51
19	XLIV	345	38	.50
20	1 V	103, 104, 105	34	.45
21	XXXVI	317, 320	21.	.28
22	XVIII	217, 218.	21	.20

ACID LOAD AVERAGES (CONTD.)

Rank	Area	Discharges	Acid Load (lbs/day)	Percent of Total
23	VI	107	20	.26
24 [.]	XIV	209	18	.24
25	XL	332	17	.22
26	111	102	13	.17
27	VIII	113	11	.14
28	Х	112,201,202,203	8	. 10
29	XXXV	316	7	.09
30	۷	106	5	.07
31	XXI	237, 239	5	.07
32	11	101	5	.07
33	IX	114	5	.07
34	XXII	241	4	.05
35	VII	111	3	.04
36	XLII	340	3	.04
37	I	100	3	.04
38	XII	206, 207	2	.03
39	XV	210	1	.01
40	XIII	208	1	.01
41	XXXI	-30.8	1	.01
42	XXX	306	1	.01
43	XXVIII	304C	<u> </u>	.01
Total			7,631	100.00

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MONTHLY STREAM ANALYSES

Sample - June 1973

Parameter	Kratzer Run	Little Anderson Creek	Anderson Creek
рН	5.3	3.4	4.3
Flow (gpm)	10,099	9,630	73 , 583
Acid (mg/l)	8	62	20
Acid (Ibs/day)	848	8,207	17,682
Alkalinity (mg/l)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	0.7	4.4	0.9
Fe-total (Ibs/day)	74	582	796
Fe-ferrous (mg/l)	0.5	3.0	0.6
Fe-ferrous (lbs/day)	53	397	530
Sulfate (mg/l)	77	130	48
Sulfate (Ibs/day)	8,167	17,209	42,438
	Sample - Jul	y 1973	
рН	4.7	3.3	4.3
Flow (gpm)	3,800	3,376	20,214

Flow (gpm)	3,800	3,376	20,214
Acid (mg/l)	.20	140	20
Acid (Ibs/day)	913	5,678	4,857
Alkalinity (mg/l)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	0.5	6.0	0.6
Fe-total (Ibs/day)	23	243	146
Fe-ferrous (mg/l)	0.5	1.5	0.6
Fe-ferrous (lbs/day)	23	61	146
Sulfate (mg/l)	140	240	62
Sulfate (Ibs/day)	6,391	8,922	15,058

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Sample - August 1973

Parameter	Kratzer Run	Little Anderson Creek	Anderson Creek
рН	4.6	3.1	4.1
Flow (gpm)	3,725	3,009	13,820
Acid (mg/l)	38	170	26
Acid (Ibs/day)	1,700	6,147	4,317
Alkalinity (mg/l)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	0.5	7.0	0.5
Fe-total (Ibs/day)	22	253	83
Fe-ferrous (mg/l)	0.5	1.3	0.5
Fe-ferrous (lbs/day)	22	47	83
Sulfate (mg/l)	1 30	270	77
Sulfate (Ibs/day)	5,818	9 , 763	12,786

Sample -	September	1973
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рН	5.0	3.1	4.0
Flow (gpm)	1,468	1,660	3 , 794
Acid (mg/l)	20	200	36
Acid (Ibs/day)	353	3,989	1,641
Alkalinity (mg/1)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	0.4	14.0	0.5
Fe-total (Ibs/day)	7	279	23
Fe-ferrous (mg/l)	0.4	0.9	0.5
Fe-ferrous (lbs/day)	7	18	23
Sulfate (mg/l)	140	350	96
Sulfate (Ibs/day	2,469	6,980	4,377

Sample - October 1973

Parameter	Kratzer Run	Little Anderson Creek	Anderson Creek
рН	5.2	2.9	3.7
Flow (gpm)	6,732	1,614	7,632
Acid (mg/l)	4	82	20
Acid (Ibs/day)	324	1,590	1,834
Alkalinity (mg/l)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	1.2	6.2	.9
Fe-total (lbs/day)	97	121	82
Fe-ferrous (mg/l)	0	0	0
Fe-ferrous (lbs/day)	0	0	0
Sulfate (mg/l)	130	270	90
Sulfate (lbs/day)	10,515	5,234	8,253

Sample - November 1973

рН	4.6	3.3	4.1
Flow (gpm)	6,846	4,910	41,859
Acid (mg/l)	б	60	10
Acid (lbs/day)	494	3,540	5,029
Alkalinity (mg/l)	2	0	0
Alkalinity (lbs/day)	165	0	0
Fe-total (mg/l)	0.3	7.1	0.6
Fe-total (Ibs/day)	24	421	296
Fe-ferrous (mg/l)	0	0	0
Fe-ferrous (lbs/day)	0	0	0
Sulfate (mg/l)	65	200	35
Sulfate (lbs/day)	5,347	11,799	17,601

Sample - December 1973

Pa rameter	Kratzer Run	Little Anderson Creek	Anderson Creek
рН	4.0	2.7	3.6
Flow (gpm)	12,821	9,544	91,966
Acid (mg/l)	18	240	20
Acid (lbs/day)	2,773	27,523	22,100
Alkalinity (mg/l)	0	0	0
Alkalinity (lbs/day)	0	0	0
Fe-total (mg/l)	0.4	8.2	1.1
Fe-total (Ibs/day)	60	938	1,187
Fe-ferrous (mg/l)	0	0	0
Fe-ferrous (lbs/day)	0	0	0
Sulfate (mg/l)	60	200	65
Sulfate (Ibs/day)	9,243	22,936	71,826

Sample - January 1974

рН	4.7	3.9	4.3
Flow (gpm)	10,686	10,171	28,566
Acid (mg/l)	16	98	14
Acid (Ibs/day)	2,054	11,976	4,805
Alkalinity (mg/l)	4	0	0
Alkalinity (lbs/day)	514	0	0
Fe-total (mg/l)	0.7	10.3	0.9
Fe-total (lbs/day)	95	1,258	307
Fe-ferrous (mg/l)	0	1.1	0
Fe-ferrous (lbs/day)	0	137	0
Sulfate (mg/l)	116	195	47
Sulfate (Ibs/day)	14,894	23,830	16,132

Sample - Average

Parameter	Kratzer Run	Little Anderson Creek	Anderson Creek
pH (range)	4.0 - 5.3	2.7 - 3.9	3.6 - 4.3
Flow (gpm)	7,022	5,489	35,179
Acid (mg/l)	16	132	21
Acid (Ibs/day)	1,182	8,581	7,783
Alkalinity (mg/l)	0.8	0	0
Alkalinity (lbs/day)	85	0	0
Fe-total (mg/l)	0.6	7.9	0.8
Fe-total (lbs/day)	50	512	365
Fe-ferrous (mg/)	0.2	1.0	0.3
Fe-ferrous (lbs/day)	13	83	98
Sulfate (mg/l)	107	232	65
Sulfate (lbs/day)	7,856	13,334	23,559

DEEP MINE REFUSE PILES

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Location	Mine Name	P	Н.
304	Pentz Mine	4	.2
239		5	.2
220-221	Widemire Mines	4	• 6
2500' N. of 220	Irvin Mine	4	• 4
101	Way Mine	4	.4
106		Less than 3	.8
113		5	.2
210		4	• 0
217-218	Rankin Mine	4	• 4
350-351	Korb Mine	3	.9
352	Spencer Mine	4	.2
301	Draucker #1	Less than 3	.8
30 1 A	Draucker #2	4	• 4
302	Pearce Mine	Less than 3	.8
100		Less than 3	.8
114		4	• 1
4500' SW of 106		4	.4

