Exhibit 10

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Jan 01						47			6	3	881	61	34	7	75				
2006 Jan 02						47			5	3	750	41	25	7	77				
2006 Jan 03						49			4	2	521	25	15	7	77				
2006 Jan 04						56			4	2	659	32	19	7	79				
2006 Jan 05						64			4	2	602	29	14	7	79				
2006 Jan 06											611			7	77				
2006 Jan 07											679			8	77				
2006 Jan 08						80			4	2	603	29	14	8	77				
2006 Jan 09						84			4	2	626	30	18	8	81				
2006 Jan 10						90			4	4	613	29	26	8	79				
2006 Jan 11						91			4	4	619	30	30	8	79				
2006 Jan 12						95			4	2	621	30	15	8	75				
2006 Jan 13											617			7	75				
2006 Jan 14											688			8	77				
2006 Jan 15						98			4	2	626	30	15	8	77				
2006 Jan 16						100			4	2	634	30	15	8	84				
2006 Jan 17						100		0	4	2	634	30	15	8	86				
2006 Jan 18	5			10	10	110	0		4	4	679	36	33	7	86				
2006 Jan 19						100			4	3	619	30	21	7	88				
2006 Jan 20											615			7	75				
2006 Jan 21											628			7	75				
2006 Jan 22						100			6	6	642	43	46	7	75				
2006 Jan 23						95			4	7	642	31	52	7	77				
2006 Jan 24						92			5	4	643	41	28	7	77				
2006 Jan 25						85			4	3	623	30	21	7	73				
2006 Jan 26						82			4	3	628	30	24	7	79				
2006 Jan 27											631			7	77				
2006 Jan 28																			
2006 Jan 29						72			4	2	657	32	16	7	77				
2006 Jan 30						68			4	2	655	31	16	7	77				
2006 Jan 31						68			4	2	636	31	15	7	77				
2006 Feb 01						72			4	2	627	31	15	7	77				
2006 Feb 02						74			4	2	630	30	15	7	77				
2006 Feb 03											635			7	79				
2006 Feb 04											678			8	82				
2006 Feb 05						77			5	2	681	41	16	8	75				
2006 Feb 06						82			4	4	646	31	34	7	75				
2006 Feb 07						85			4	5	648	31	37	8	77				
2006 Feb 08						88			5	2	625	38	15	7	77				
2006 Feb 09						92			5	2	654	39	19	7	77				
2006 Feb 10											478			7	79				
2006 Feb 11											568			8	79				
2006 Feb 12						85			6	2	605	44	15	8	77				
2006 Feb 13	5			10	10	81	0	0	4	2	661	32	19	7	72				
2006 Feb 14						78			4	6	653	31	50	7	75				
2006 Feb 15						78			4	2	639	31	15	7	78				
2006 Feb 16						78			5	2	635	35	15	7	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Feb 17											636			7	73				
2006 Feb 18											453			7	72				
2006 Feb 19						75			4	3	527	25	18	7	72				
2006 Feb 20						71			4	2	549	26	13	8	80				
2006 Feb 21						69			4	2	601	29	14	8	80				
2006 Feb 22						100			4	2	594	29	14	8	84				
2006 Feb 23						65			4	2	585	28	14	8	82				
2006 Feb 24											583			8	79				
2006 Feb 25											578			8	73				
2006 Feb 26						55			4	2	508	26	12	8	73				
2006 Feb 27						58			4	2	636	31	15	7	73				
2006 Feb 28						60			4	2	597	29	14	7	75				
2006 Mar 01						58			7	2	629	53	15	7	77				
2006 Mar 02						60			12	2	604	87	15	7	77				
2006 Mar 03											502			7	75				
2006 Mar 04											511			7	75				
2006 Mar 05						59			4	2	519	25	12	7	75				
2006 Mar 06						58			4	2	558	27	16	7	77				
2006 Mar 07						66			4	4	503	24	27	8	79				
2006 Mar 08						71			4	2	525	25	13	8	79				
2006 Mar 09						78			4	2	559	27	13	8	81				
2006 Mar 10											648			7	84				
2006 Mar 11											664			7	80				
2006 Mar 12						78			4	2	647	31	16	7	84				
2006 Mar 13						96			4	2	620	30	18	8	75				
2006 Mar 14						72			5	2	577	37	14	7	72				
2006 Mar 15						74			7	2	555	49	13	7	73				
2006 Mar 16						75			5	2	539	33	13	7	75				
2006 Mar 17											542			7	79				
2006 Mar 18											548			7	82				
2006 Mar 19	5			10	10	69	0	0	4	2	542	26	13	7	79				
2006 Mar 20						71			5	2	593	36	14	7	80				
2006 Mar 21						71			8	2	638	60	15	7	68				
2006 Mar 22						61			4	2	590	28	14	7	72				
2006 Mar 23						60			4	3	620	30	24	7	75				
2006 Mar 24											628			7	77				
2006 Mar 25											653			7	81				
2006 Mar 26						61			6	2	649	50	16	7	81				
2006 Mar 27						63			4	2	691	33	17	7	80				
2006 Mar 28						63			4	2	679	33	16	7	81				
2006 Mar 29						57			4	2	654	31	16	7	80				
2006 Mar 30						54			4	2	643	31	15	7	80				
2006 Mar 31											640			7	79				
2006 Apr 01											687			7	77				
2006 Apr 02						45			4	4	664	32	29	7	79				
2006 Apr 03						47			4	6	653	31	50	7	77				
2006 Apr 04						52			5	13	608	37	95	7	77				
2006 Apr 05						60			7	10	659	56	79	7	79				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Apr 06						74			13	12	393	61	57						
2006 Apr 07											263			7	81				
2006 Apr 08											583			7	75				
2006 Apr 09						81			4	4	550	26	24	7	77				
2006 Apr 10						80			4	5	608	29	35	7	79				
2006 Apr 11						86			4	4	717	34	34	8	79				
2006 Apr 12						100			4	5	654	31	41	7	79				
2006 Apr 13						100			4	6	595	29	40	7	79				
2006 Apr 14											628			7	78				
2006 Apr 15											587			8	78				
2006 Apr 16	5			10	10	100	0	0	4	7	588	28	48	8	78				
2006 Apr 17						80			4	2	695	33	17	7	75				
2006 Apr 18						70			4	2	649	31	16	7	73				
2006 Apr 19						64			4	2	660	32	16	7	77				
2006 Apr 20						66			4	2	614	29	15	7	77				
2006 Apr 21											688			7	79				
2006 Apr 22											617			7	79				
2006 Apr 23						80			4	5	589	28	37	7	79				
2006 Apr 24						87			4	10	634	30	76	8	79				
2006 Apr 25						94			4	6	573	28	44	7	77				
2006 Apr 26		5	5			95			4	5	631	33	39	8	77				
2006 Apr 27						84			4	7	611	29	50	8	77				
2006 Apr 28											587			8	82				
2006 Apr 29											700			8	81				
2006 Apr 30						90			4	6	703	34	51	7	79				
2006 May 01						79			4	3	632	30	24	8	84				
2006 May 02						77			4	6	625	30	42	8	84				
2006 May 03						77			4	5	611	29	35	8	80				
2006 May 04						82			5	10	677	41	81	8	80				
2006 May 05											650			8	81				
2006 May 06											668			8	79				
2006 May 07						97			4	6	629	30	48	8	79				
2006 May 08						96			4	6	649	31	47	8	82				
2006 May 09						85			4	7	586	28	48	8	81				
2006 May 10						83			4	3	646	31	25	8	81				
2006 May 11						85			4	2	630	30	15	8	79				
2006 May 12											667			7	75				
2006 May 13											651			7	77				
2006 May 14						94			9	5	647	68	37	8	77				
2006 May 15						92			7	2	654	53	19	7	75				
2006 May 16	5			10	70	95	0	0	5	3	651	42	25	7	77				
2006 May 17						110			6	2	654	46	16	7	79				
2006 May 18						100			4	4	657	32	28	7	79				
2006 May 19											685			7	79				
2006 May 20											693			8	79				
2006 May 21						79			4	5	631	30	39	8	79				
2006 May 22						81			4	2	635	31	15	7	81				
2006 May 23						84			4	2	658	32	19	7	79				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 May 24						83			4	2	729	35	21	7	81				
2006 May 25						91			4	3	691	36	27	7	81				
2006 May 26											672			7	81				
2006 May 27											661			7	81				
2006 May 28						120			10	10	667	80	77	7	82				
2006 May 29						130			8	5	642	59	37	7	84				
2006 May 30						140			5	4	673	44	29	7	86				
2006 May 31						130			4	8	657	32	66	7	84				
2006 Jun 01						120			7	7	670	56	55	8	84				
2006 Jun 02											669			8	84				
2006 Jun 03											703			8	84				
2006 Jun 04						120			10	45	756	91	408	8	82				
2006 Jun 05						120			20	15	725	174	131	8	82				
2006 Jun 06						110			10	15	747	90	135	7	81				
2006 Jun 07						97			10	6	675	78	52	8	81				
2006 Jun 08						100			12	10	652	94	78	7	81				
2006 Jun 09											659			7	81				
2006 Jun 10											666			7	79				
2006 Jun 11						98			9	30	692	76	249						
2006 Jun 12						84			12	15	664	96	120	7	75				
2006 Jun 13						79			10	9	644	75	68	7	77				
2006 Jun 14	5			10	60,000	92	0		10	7	673	81	55	7	79				
2006 Jun 15						97			10	6	678	81	52	7	81				
2006 Jun 16											708			8	82				
2006 Jun 17											702			8	81				
2006 Jun 18						98			4	2	778	37	22	7	81				
2006 Jun 19						94			4	3	666	32	22	7	81				
2006 Jun 20						91			4	2	652	31	16	7	82				
2006 Jun 21						92			4	2	640	31	15	7	82				
2006 Jun 22						93			4	4	638	31	28	7	84				
2006 Jun 23											621			7	80				
2006 Jun 24											573			7	82				
2006 Jun 25						97			6	4	621	46	30	7	81				
2006 Jun 26					10	96			4	3	652	31	25	7	82				
2006 Jun 27						69			4	4	683	36	30	8	81				
2006 Jun 28						94			5	4	740	44	32	7	81				
2006 Jun 29						98		0	4	4	710	34	34	7	81				
2006 Jun 30											722			8	81				
2006 Jul 01											702			7	82				
2006 Jul 02						110			4	5	569	28	36	7	84				
2006 Jul 03						110			4	4	524	25	23	7	84				
2006 Jul 04						120			4	4	544	26	24	8	86				
2006 Jul 05						120			5	3	624	35	24	7	88				
2006 Jul 06						130			10	4	642	77	31	8	84				
2006 Jul 07											640			7	86				
2006 Jul 08											677			7	86				
2006 Jul 09						120			9	6	660	74	48	8	86				
2006 Jul 10						120			8	6	592	56	43	8	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Jul 11						120			24	4	595	171	31	8	82				
2006 Jul 12						120			15	7	544	98	44	8	86				
2006 Jul 13						120			22	9	484	128	53	7	82				
2006 Jul 14											697			8	84				
2006 Jul 15											746			7	86				
2006 Jul 16	5			10	1,600	110	0	0	4	4	780	37	34	8	86				
2006 Jul 17						98			4	4	744	36	32	7	88				
2006 Jul 18						100			8	2	725	65	21	7	88				
2006 Jul 19						130			5	5				8	86				
2006 Jul 20						77			5	5				7	84				
2006 Jul 21									4		755	36		7	86				
2006 Jul 22									4		775	37		8	82				
2006 Jul 23						98			7	4	727	61	31	7	82				
2006 Jul 24						91			7	4	756	67	40	7	84				
2006 Jul 25						91			10	4	747	90	39	8	84				
2006 Jul 26						93			4	4	722	38	35	7	84				
2006 Jul 27						90			5	4	715	45	34	7	84				
2006 Jul 28											735			7	82				
2006 Jul 29											739			8	83				
2006 Jul 30						77			4	3	695	33	27	8	84				
2006 Jul 31						69			4	2	646	31	16	8	86				
2006 Aug 01						62			5	4	656	42	31	8	90				
2006 Aug 02						62			4	2	714	34	17	7	86				
2006 Aug 03						54			4	2	739	35	18	8	86				
2006 Aug 04											750			7	84				
2006 Aug 05											699			7	84				
2006 Aug 06						46			9	3	697	72	23	7	82				
2006 Aug 07						64			4	2	637	31	15	8	84				
2006 Aug 08						66			4	2	598	29	14	8	82				
2006 Aug 09						70			4	3	601	29	23	8	82				
2006 Aug 10						74			4	2	623	30	18	8	82				
2006 Aug 11											619			8	81				
2006 Aug 12						72			4	3	712	34	27	8	81				
2006 Aug 13											720			8	81				
2006 Aug 14						71			4	4	688	33	36	7	86				
2006 Aug 15						68			4	5	671	32	42	7	84				
2006 Aug 16						73			4	3	665	32	26	7	86				
2006 Aug 17						82			5	2	658	40	16	7	86				
2006 Aug 18											637			7	82				
2006 Aug 19											685			8	81				
2006 Aug 20						76			16	3	682	131	26	8	81				
2006 Aug 21						72			24	6	704	203	51	8	81				
2006 Aug 22						70			15	3	624	112	24	8	82				
2006 Aug 23						60			47	6	630	355	42	8	82				
2006 Aug 24						70			25	6	691	207	46	8	84				
2006 Aug 25											705			7	81				
2006 Aug 26											705			7	82				
2006 Aug 27						82			9	12	700	75	101	8	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Aug 28	5			10	10	82	0	0	11	8	668	88	67	7	81				
2006 Aug 29						73			4	2	676	32	19	7	79				
2006 Aug 30						78			4	8	663	32	67	7	79				
2006 Aug 31						79		0	4	14	694	33	117	7	79				
2006 Sep 01								0			704			7	82				
2006 Sep 02											711			7	77				
2006 Sep 03						94			7	5	698	54	40	7	77				
2006 Sep 04						92			5	6	727	39	56	7	77				
2006 Sep 05						89			4	4	719	35	35	7	79				
2006 Sep 06						90			4	4	686	33	30	7	81				
2006 Sep 07						91			4	4	689	33	36	7	79				
2006 Sep 08											689			7	79				
2006 Sep 09											684			7	81				
2006 Sep 10						110			4	2	672	32	16	7	81				
2006 Sep 11						100			4	2	669	32	16	7	79				
2006 Sep 12						91			4	2	683	33	16	7	79				
2006 Sep 13						92			4	3	691	33	27	7	79				
2006 Sep 14	5			10	10	89	0	0	4	4	662	32	35	7	77				
2006 Sep 15											654			7	77				
2006 Sep 16											736			7	77				
2006 Sep 17						84			4	4	746	36	39	7	79				
2006 Sep 18						82			4	2	553	27	13	8	75				
2006 Sep 19						77			4	2	565	27	14	8	76				
2006 Sep 20						68			4	3	521	25	20	7	70				
2006 Sep 21						58			4	3	253	12	10	8	70				
2006 Sep 22											529			7	70				
2006 Sep 23											590			8	70				
2006 Sep 24						60			4	2	623	30	15	8	72				
2006 Sep 25						62			4	3	399	20	15	8	77				
2006 Sep 26						64			4	2	681	33	16	8	73				
2006 Sep 27						68			4	3	632	30	21	8	75				
2006 Sep 28						72			4	9	621	30	66	8	73				
2006 Sep 29											620			8	68				
2006 Sep 30											618			8	75				
2006 Oct 01						66			4	24	459	22	132	8	79				
2006 Oct 02						68			4	7	558	27	48	8	82				
2006 Oct 03						73			4	5	136	7	8	8	82				
2006 Oct 04						74			4	3	620	30	24	8	82				
2006 Oct 05						72			4	7	656	32	57	8	77				
2006 Oct 06											681			8	78				
2006 Oct 07											679			8	78				
2006 Oct 08						58			4	7	639	31	52	8	79				
2006 Oct 09						53			4	9	579	28	61	8	79				
2006 Oct 10						52			4	3	520	25	20	7	77				
2006 Oct 11						50			4	5	577	28	36	8	79				
2006 Oct 12						56			4	2	600	29	17	8	73				
2006 Oct 13											612			8	77				
2006 Oct 14											630			7	75				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2006 Oct 15						70			4	5	642	31	40	7	73				
2006 Oct 16	5			10	10	76	0		4	5	608	29	38	7	77				
2006 Oct 17						78			4	4	603	29	26	7	73				
2006 Oct 18						80			6	13	603	41	94	7	79				
2006 Oct 19						82		0	7	8	608	51	55	7	75				
2006 Oct 20											637			7	80				
2006 Oct 21											616			7	80				
2006 Oct 22						94			41	63	613	302	463	7	78				
2006 Oct 23						96			50	62	614	368	457	7	80				
2006 Oct 24						97			93	30	613	684	221	7	79				
2006 Oct 25						110			89	24	611	653	176	7	80				
2006 Oct 26						96			88	20	609	643	146	7	79				
2006 Oct 27											619			7	75				
2006 Oct 28											646			7	75				
2006 Oct 29						66			22	4	657	173	35	7	73				
2006 Oct 30						62			28	9	700	235	37	7	77				
2006 Oct 31						52			26	5	651	203	38	7	75				
2006 Nov 01						63			46	6	660	364	51	7	75				
2006 Nov 02						61			35	8	661	278	48	7	73				
2006 Nov 03											610			7	72				
2006 Nov 04											616			7	75				
2006 Nov 05						62			4	4	627	30	30	7	75				
2006 Nov 06						66			6	7	625	43	51	7	75				
2006 Nov 07						73			7	16	681	58	131	7	79				
2006 Nov 08						77			4	10	670	35	77	7	77				
2006 Nov 09						80			4	8	686	33	66	7	77				
2006 Nov 10											679			7	70				
2006 Nov 11											653			7	74				
2006 Nov 12						68			5	5	650	39	41	7	79				
2006 Nov 13						64			4	3	598	29	20	7	73				
2006 Nov 14						72			4	2	625	30	15	7	73				
2006 Nov 15						58			4	2	641	31	15	7	75				
2006 Nov 16	5			10	30	70	0	0	4	2	597	29	14	8	73				
2006 Nov 17											632			7	79				
2006 Nov 18											619			7	79				
2006 Nov 19						66			4	2	686	33	16	7	79				
2006 Nov 20						68			4	4	773	37	33	8	77				
2006 Nov 21						62			7	6	602	52	43	7	77				
2006 Nov 22						70			5	6	653	39	44	8	75				
2006 Nov 23						72			4	6	614	29	41	8	75				
2006 Nov 24											601			7	77				
2006 Nov 25											601			7	77				
2006 Nov 26						72			9	4	613	69	26	8	77				
2006 Nov 27						69			5	5	622	38	37	7	79				
2006 Nov 28						71			8	2	688	68	17	7	79				
2006 Nov 29						76			6	5	290	21	18						
2006 Nov 30						67			4	2	123	6	3	7	80				
2006 Dec 01											609			7	68				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2006 Dec 02											529			7	70				
2006 Dec 03						67			4	2	540	26	13	7	73				
2006 Dec 04						62			4	2	614	29	15	7	72				
2006 Dec 05						68			4	2	624	30	15	7	72				
2006 Dec 06						72			4	2	622	30	15	7	75				
2006 Dec 07						76			4	2	574	28	17	7	70				
2006 Dec 08											465			8	70				
2006 Dec 09											467			7	75				
2006 Dec 10						87			4	5	515	25	30	7	79				
2006 Dec 11						82			4	4	641	31	31	8	81				
2006 Dec 12						83			4	5	715	34	41	7	84				
2006 Dec 13						90			5	6	715	41	48	8	81				
2006 Dec 14	5	5	5	10	10	88	0	0	4	4	622	30	27	7	81				
2006 Dec 15											629			7	86				
2006 Dec 16											628			7	82				
2006 Dec 17						94			4	2	638	31	15	7	82				
2006 Dec 18						91			4	4	637	31	28	7	77				
2006 Dec 19						90			4	4	640	31	31	7	79				
2006 Dec 20						94			4	4	626	30	27	7	77				
2006 Dec 21						94			4	3	633	30	24	7	81				
2006 Dec 22											641			7	81				
2006 Dec 23											602			7	81				
2006 Dec 24						83			4	3	569	27	22	7	77				
2006 Dec 25						72			4	4	558	27	27	7	75				
2006 Dec 26						63			4	3	558	27	19	7	70				
2006 Dec 27						56			4	2	571	27	14	7	70				
2006 Dec 28						52			4	2	592	28	14	7	72				
2006 Dec 29											592			7	77				
2006 Dec 30											577			7	79				
2006 Dec 31						55			4	4	587	28	25	7	79				
2007 Jan 01						58			4	3	595	29	23	7	88				
2007 Jan 02						60			4	2	597	29	17	7	80				
2007 Jan 03						62			4	5	592	28	34	7	81				
2007 Jan 04						66			4	3	592	28	23	7	81				
2007 Jan 05											648			7	81				
2007 Jan 06											682			7	79				
2007 Jan 07						80			4	7	675	32	55	7	81				
2007 Jan 08						87			4	10	666	32	77	7	77				
2007 Jan 09						90			4	10				7	79				
2007 Jan 10						92			4	12				8	77				
2007 Jan 11						98			4	7	533	26	46	8	79				
2007 Jan 12											645			7	82				
2007 Jan 13											660			7	81				
2007 Jan 14						110			6	7	662	48	57	8	79				
2007 Jan 15						110			4	7	659	32	54	7	77				
2007 Jan 16	5			10	40	110	0	1	9	4	662	73	29	8	75				
2007 Jan 17						110			4	6	634	30	49	7	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Jan 18						120			4	4	629	30	30	7	75				
2007 Jan 19											639			7	81				
2007 Jan 20											615			7	80				
2007 Jan 21						130			9	10	677	71	81	7	81				
2007 Jan 22						130			7	9	767	60	85	8	79				
2007 Jan 23						130			4	6	776	37	56	7	77				
2007 Jan 24						140			12	6	619	89	42	7	75				
2007 Jan 25						130			4	4	579	28	31	8	75				
2007 Jan 26											656			7	77				
2007 Jan 27											672			7	79				
2007 Jan 28						120			6	5	630	48	36	7	70				
2007 Jan 29						120			4	2	560	27	16	7	72				
2007 Jan 30						110			4	3	684	33	23	7	70				
2007 Jan 31						110			4	3	681	33	23	7	72				
2007 Feb 01						110			4	2	669	32	16	7	75				
2007 Feb 02											667			7	75				
2007 Feb 03											640			7	73				
2007 Feb 04						110			4	6	313	15	24	8	73				
2007 Feb 05						120			4	7	333	16	27	7	73				
2007 Feb 06						120			4	8	476	25	48	8	76				
2007 Feb 07						130			7	18	566	50	122	8	74				
2007 Feb 08						130			8	14	550	53	92	8	74				
2007 Feb 09											653			8	77				
2007 Feb 10											671			8	79				
2007 Feb 11						140			4	8	627	30	63	8	77				
2007 Feb 12						150			4	2	595	29	14	8	81				
2007 Feb 13						140			4	2	632	30	15	7	68				
2007 Feb 14						140			7	10	528	44	61	7	70				
2007 Feb 15						140			6	15	482	36	87	8	66				
2007 Feb 16											560			7	72				
2007 Feb 17											547			7	70				
2007 Feb 18						110			6	5	418	32	24	8	79				
2007 Feb 19						120			4	4	381	19	16	8	81				
2007 Feb 20						120			5	6	506	27	39	8	81				
2007 Feb 21						120			6	8	602	46	55	7	82				
2007 Feb 22						120			4	4	681	33	29	7	81				
2007 Feb 23											622			8	80				
2007 Feb 24											595			8	78				
2007 Feb 25						140			4	6	617	30	41	7	75				
2007 Feb 26						140			4	13	623	30	97	7	75				
2007 Feb 27	5			10	10	130	0	0	4	2	671	32	16	7	75				
2007 Feb 28						110			4	2	663	32	19	7	77				
2007 Mar 01						110			4	2	667	32	16	7	77				
2007 Mar 02											642			8	73				
2007 Mar 03											610			7	73				
2007 Mar 04						96			4	2	598	29	14	7	73				
2007 Mar 05						94			4	2	615	30	18	7	75				
2007 Mar 06						98			4	2	592	28	14	7	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2007 Mar 07						100			4	3	625	30	24	7	79				
2007 Mar 08						110			4	6	624	30	42	7	79				
2007 Mar 09											664			7	82				
2007 Mar 10											696			7	81				
2007 Mar 11						110			6	3	671	52	26	8	82				
2007 Mar 12	5			10	10	110	0	0	5	3	671	39	23	7	82				
2007 Mar 13						100			5	2	632	36	15	7	82				
2007 Mar 14						95			11	2	573	76	14	8	82				
2007 Mar 15						97			4	2	634	30	18	8	82				
2007 Mar 16											641			8	72				
2007 Mar 17											653			8	72				
2007 Mar 18						110			14	4	650	109	31	8	75				
2007 Mar 19						110			8	3	688	64	23	7	79				
2007 Mar 20						110			4	4	681	33	29	7	75				
2007 Mar 21						110			4	5	682	33	39	8	77				
2007 Mar 22						110			4	6	682	33	46	7	77				
2007 Mar 23											679			8	77				
2007 Mar 24											663			8	81				
2007 Mar 25						94			4	5	675	32	42	8	81				
2007 Mar 26						90			4	2	663	32	16	7	79				
2007 Mar 27						90			4	2	613	29	15	7	79				
2007 Mar 28						94			4	2	641	31	15	7	77				
2007 Mar 29						81			4	2	670	32	16	7	72				
2007 Mar 30											649			7	79				
2007 Mar 31											598			9	80				
2007 Apr 01						100			10	9	654	79	69	7	80				
2007 Apr 02						110			4	3	648	31	25	8	75				
2007 Apr 03						110			4	3	625	30	24	8	79				
2007 Apr 04						120			4	2	663	32	16	8	75				
2007 Apr 05						120			6	3	650	44	25	8	75				
2007 Apr 06											658			7	77				
2007 Apr 07											619			7	75				
2007 Apr 08						110			4	8	645	31	65	7	77				
2007 Apr 09						110			4	12	594	29	86	7	81				
2007 Apr 10						110			4	2	594	29	14	7	82				
2007 Apr 11						120			4	2	644	31	15	7	79				
2007 Apr 12						110			4	3	636	31	21	7	75				
2007 Apr 13											642			7	77				
2007 Apr 14											670			7	81				
2007 Apr 15	5			10	10	100	0	0	4	3	683	33	23	7	81				
2007 Apr 16						100			4	3	701	34	27	7	79				
2007 Apr 17						110			4	4	677	33	29	7	82				
2007 Apr 18						88			4	4	663	32	29	7	84				
2007 Apr 19						88			4	2	663	32	16	7	84				
2007 Apr 20											690			7	75				
2007 Apr 21											724			7	77				
2007 Apr 22						91			4	2	712	34	21	7	79				
2007 Apr 23						90			4	2	693	33	17	7	79				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Apr 24						89			4	2	693	33	20	7	81				
2007 Apr 25						88			4	7	684	33	59	7	79				
2007 Apr 26						90			4	11	693	33	91	8	79				
2007 Apr 27											709			7	81				
2007 Apr 28											716			8	82				
2007 Apr 29						98			4	2	673	32	19	7	82				
2007 Apr 30						94			4	2	696	33	17	7	82				
2007 May 01						84			4	3	701	34	24	8	82				
2007 May 02						93			4	2	682	33	16	8	81				
2007 May 03						88			4	2	617	30	15	8	77				
2007 May 04											676			7	80				
2007 May 05											673			7	82				
2007 May 06						82			4	2	635	30	15	7	76				
2007 May 07						82			4	3	672	32	23	7	72				
2007 May 08						82			4	4	678	33	36	7	79				
2007 May 09						90			4	8	693	33	70	7	81				
2007 May 10						100			4	7	678	33	59	8	81				
2007 May 11											682			7	79				
2007 May 12											683			8	79				
2007 May 13						120			5	11	683	37	90	7	81				
2007 May 14						120			4	21	629	31	158	7	79				
2007 May 15						91			8	17	635	61	129	7	82				
2007 May 16						92			6	15	646	50	116	7	75				
2007 May 17						130			5	15	646	40	116	7	75				
2007 May 18											658			8	77				
2007 May 19											652			8	79				
2007 May 20						140			5	3	652	35	25	7	79				
2007 May 21						130			4	8	667	32	64	8	79				
2007 May 22						130			4	3	660	32	25	7	80				
2007 May 23					20	120		0	4	2	657	32	16	7	79				
2007 May 24						120			4	2	654	31	19	7	81				
2007 May 25											630			7	77				
2007 May 26											604			7	77				
2007 May 27						92			4	3	605	29	20	8	77				
2007 May 28						90			4	2	609	29	18	8	81				
2007 May 29						90			4	2	608	29	15	8	81				
2007 May 30	5					88			4	3	617	30	21	8	81				
2007 May 31						79			5	4	596	34	26	8	84				
2007 Jun 01											598			7	81				
2007 Jun 02											604			7	84				
2007 Jun 03						78			4	2	606	29	15	7	82				
2007 Jun 04						79			4	2	597	29	17	7	82				
2007 Jun 05						120			4	2	609	29	18	7	82				
2007 Jun 06						120			4	5	608	29	35	8	81				
2007 Jun 07						130			5	8	611	38	56	7	82				
2007 Jun 08											621			7	82				
2007 Jun 09											624			7	82				
2007 Jun 10						120			4	2	629	30	15	7	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Jun 11						120			4	4	628	30	27	7	82				
2007 Jun 12						62			4	3	639	31	25	7	82				
2007 Jun 13						91			4	4	649	31	28	7	82				
2007 Jun 14						94			6	4	626	41	30	8	82				
2007 Jun 15											629			7	82				
2007 Jun 16											627			7	84				
2007 Jun 17						92			4	2	625	30	15	7	84				
2007 Jun 18	5	5			130	98		0	4	2	625	30	15	7	86				
2007 Jun 19						87			4	3	621	30	24	7	84				
2007 Jun 20						92			4	2	620	30	15	8	81				
2007 Jun 21						88			4	3	639	31	25	7	82				
2007 Jun 22											645			7	81				
2007 Jun 23											634			8	79				
2007 Jun 24						70			4	2	641	31	15	8	79				
2007 Jun 25						66			4	6	602	29	55	8	81				
2007 Jun 26						64			4	2	629	30	18	8	81				
2007 Jun 27						64			4	3	615	30	21	8	82				
2007 Jun 28						67			4	2	617	30	15	8	81				
2007 Jun 29											617			8	79				
2007 Jun 30											617			8	77				
2007 Jul 01						74			4	2	616	30	15	7	77				
2007 Jul 02						75			4	2	614	29	15	8	77				
2007 Jul 03						74			4	2	614	29	15	7	81				
2007 Jul 04						76			4	2	616	30	15	7	81				
2007 Jul 05						73			4	2	618	30	15	7	81				
2007 Jul 06											617			7	82				
2007 Jul 07											601			7	82				
2007 Jul 08						76			5	3	605	38	23	7	82				
2007 Jul 09						78			7	7	633	52	55	7	86				
2007 Jul 10						75			5	3	644	35	25	7	86				
2007 Jul 11						77			4	2	634	30	15	7	82				
2007 Jul 12						74			4	4	633	30	27	7	82				
2007 Jul 13											628			7	84				
2007 Jul 14											599			8	82				
2007 Jul 15	5				150	87		0	7	8	568	47	57	8	82				
2007 Jul 16						92			5	11	575	35	76	8	82				
2007 Jul 17						94			4	14	579	28	97	8	81				
2007 Jul 18						93			4	12	592	31	85	8	81				
2007 Jul 19						94			4	11	584	28	77	7	81				
2007 Jul 20											615			7	82				
2007 Jul 21											620			7	82				
2007 Jul 22						100			4	8	622	30	57	7	82				
2007 Jul 23						100			4	2	629	30	18	7	82				
2007 Jul 24						100			4	9	629	30	66	7	82				
2007 Jul 25						98			4	2	604	29	17	8	82				
2007 Jul 26						90			7	7	601	53	52	8	82				
2007 Jul 27											615			7	81				
2007 Jul 28											622			7	81				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Jul 29						73			4	2	631	30	15	7	82				
2007 Jul 30						74			4	7	602	29	52	7	82				
2007 Jul 31						78			4	2	637	31	15	7	81				
2007 Aug 01						84			4	9	627	30	69	7	82				
2007 Aug 02						86			4	2	626	30	18	7	82				
2007 Aug 03											628			7	84				
2007 Aug 04											629			7	84				
2007 Aug 05						100			4	11	604	29	80	7	84				
2007 Aug 06						96			4	22	599	29	158	7	86				
2007 Aug 07						93			4	19	525	25	120	8	86				
2007 Aug 08						90			21	21	516	130	130	8	86				
2007 Aug 09						85			50	23	521	313	144	8	86				
2007 Aug 10											512			8	84				
2007 Aug 11											528			8	84				
2007 Aug 12						61			28	25	529	178	159	8	86				
2007 Aug 13						53			38	11	623	284	82	8	86				
2007 Aug 14						47			25	4	644	193	31	7	84				
2007 Aug 15	19				12,000	43			28	9	640	215	68	7	84				
2007 Aug 16						42			16	8	647	124	65	7	84				
2007 Aug 17											636			7	83				
2007 Aug 18											626			7	84				
2007 Aug 19						48			10	25	623	74	187	7	83				
2007 Aug 20						50			10	13	630	73	98	8	79				
2007 Aug 21						51			22	10	595	157	71	7	81				
2007 Aug 22						50			36	11	595	257	78	8	82				
2007 Aug 23						45			25	12	610	183	88	8	81				
2007 Aug 24											613			8	81				
2007 Aug 25											625			7	81				
2007 Aug 26						41			11	4	620	82	33	7	81				
2007 Aug 27						41			7	4	613	50	32	8	79				
2007 Aug 28						46			10	4	602	70	26	8	81				
2007 Aug 29						48			16	4	610	117	32	8	82				
2007 Aug 30						55			16	8	611	117	56	8	81				
2007 Aug 31											612			8	81				
2007 Sep 01											610			7	81				
2007 Sep 02						74			12	6	614	88	41	8	87				
2007 Sep 03						78			10	8	609	72	56	7	81				
2007 Sep 04						82			11	5	599	79	35	7	82				
2007 Sep 05						84			15	8	595	107	57	7	82				
2007 Sep 06						85			13	4	587	92	25	7	84				
2007 Sep 07											597			7	81				
2007 Sep 08											591			7	79				
2007 Sep 09						80			8	6	571	54	38	7	79				
2007 Sep 10						80			21	16	514	129	99	7	79		10	76	6
2007 Sep 11	5	5			20,000	78		D	12	14	457	66	77	7	77				
2007 Sep 12						76			8	14	543	53	91	7	77				
2007 Sep 13						78			10	9	635	76	70	7	77				
2007 Sep 14											656			8	75				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2007 Sep 15											625			8	72				
2007 Sep 16						82			13	23	621	97	172	8	73				
2007 Sep 17						82			13	21	592	92	149	7	75				
2007 Sep 18						71			16	27	562	108	182	7	77				
2007 Sep 19						72			17	21	650	133	164	7	77				
2007 Sep 20						71			17	16	695	142	133	7	77				
2007 Sep 21											691			7	80				
2007 Sep 22											627			7	81				
2007 Sep 23						74			33	29	614	243	214	8	80				
2007 Sep 24											323								
2007 Sep 25																			
2007 Sep 26						82			12	52									
2007 Sep 27						86			12	33	242	35	96	7	75				
2007 Sep 28											573			7	78	0			
2007 Sep 29											519			7	78				
2007 Sep 30						64			7	45	487	41	263	7	77				
2007 Oct 01						64			10	83	555	67	553	7	73				
2007 Oct 02						66			18	300	557	120	2,004	7	75				
2007 Oct 03						67			12	43	493	71	254	7	73				
2007 Oct 04						69			5	12	566	32	81	8	73				
2007 Oct 05											588			7	79				
2007 Oct 06											566			7	79				
2007 Oct 07						76			7	2	620	48	15	7	82				
2007 Oct 08						84			4	4	611	30	26	7	80				
2007 Oct 09						88			4	4	596	29	31	7	81				
2007 Oct 10						92			4	14	576	28	97	7	79				
2007 Oct 11						88			9	58	613	63	427	7	80				
2007 Oct 12											635			7	73				
2007 Oct 13											660			7	73				
2007 Oct 14	5				90	82		0	6	16	643	43	124	7	80				
2007 Oct 15						80			4	26	633	30	197	7	79				
2007 Oct 16						82			7	20	605	52	145	7	77				
2007 Oct 17						86			12	25	589	85	177	7	77				
2007 Oct 18						86			11	21	575	76	145	7	79				
2007 Oct 19											578			7	77				
2007 Oct 20											616			7	73				
2007 Oct 21						86			7	36	611	50	264	7	79				
2007 Oct 22						88			4	33	609	30	241	7	79				
2007 Oct 23						92			6	36	620	43	268	7	77				
2007 Oct 24						92			4	31	625	32	233	7	77				
2007 Oct 25						99			6	31	651	45	242	7	77				
2007 Oct 26											650			7	79				
2007 Oct 27											614			8	79				
2007 Oct 28						100			5	20	611	38	147	8	79				
2007 Oct 29						100			9	25	586	61	176	8	77				
2007 Oct 30						97			5	18	591	33	128	8	77				
2007 Oct 31						100			6	4	592	43	28	8	77				
2007 Nov 01						98			4	16	573	28	110	8	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	tEPA TSS	tEPA Ammonia	tEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Nov 02											575			8	77				
2007 Nov 03											579			8	77				
2007 Nov 04						92			5	14	574	31	96	8	79				
2007 Nov 05						88			4	14	571	27	96	7	77				
2007 Nov 06						86			4	3	584	28	20	7	73				
2007 Nov 07						86			6	11	584	39	77	7	72				
2007 Nov 08						85			6	12	576	43	83	7	75				
2007 Nov 09											596			7	79				
2007 Nov 10											614			7	77				
2007 Nov 11						90			7	15	607	50	109	7	79				
2007 Nov 12	21				60	82			9	2	621	69	15	8	80				
2007 Nov 13						82			36	22	652	282	172	8	79				
2007 Nov 14						75			46	15	639	353	115	8	80				
2007 Nov 15						71		0	71	33	593	505	235	8	79				
2007 Nov 16											566			8	73				
2007 Nov 17											567			7	73				
2007 Nov 18						60			6	22	598	44	158	7	75				
2007 Nov 19						55			32	18	592	227	128	7	77				
2007 Nov 20						52			47	52	606	342	378	7	79				
2007 Nov 21						49			24	17	623	179	127	7	75				
2007 Nov 22						44			34	20	610	249	146	7	73				
2007 Nov 23											598			7	72				
2007 Nov 24											599			7	73				
2007 Nov 25						32			31	21	601	224	151	7	72				
2007 Nov 26						31			12	10	606	87	73	7	73				
2007 Nov 27						32			4	12	602	29	87	8	73				
2007 Nov 28						32			12	10	576	83	69	7	75				
2007 Nov 29						32			20	44	583	140	308	7	72				
2007 Nov 30											497			8	73				
2007 Dec 01											420			7	80				
2007 Dec 02						31			15	23	596	107	164	7	82				
2007 Dec 03						34			9	27	721	79	234	8	72				
2007 Dec 04						34			12	26	481	69	150	7	72				
2007 Dec 05						34			24	35	569	164	239	8	72				
2007 Dec 06						34			18	17	433	94	88	7	72				
2007 Dec 07											442			8	77				
2007 Dec 08											321			8	75				
2007 Dec 09						35			14	22	494	83	130	8	73				
2007 Dec 10						36			11	29	330	44	115	8	73				
2007 Dec 11						35			7	15	412	35	74	8	77				
2007 Dec 12						36			10	11	544	64	72	8	73				
2007 Dec 13						37			12	20	472	68	113	8	75				
2007 Dec 14											353			8	73				
2007 Dec 15											354			8	75				
2007 Dec 16	5	5			10	37		1	51	39	390	239	183	8	72				
2007 Dec 17						37			10	25	418	50	125	8	72				
2007 Dec 18						37			4	24	474	23	136	7	82				
2007 Dec 19						37			80	48	504	484	291	8	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2007 Dec 20						36			68	62	550	449	409	7	80	0			
2007 Dec 21											617			7	73				
2007 Dec 22											611			7	75				
2007 Dec 23						27			26	59	624	195	442	7	72				
2007 Dec 24						22			20	51	625	150	383	7	70				
2007 Dec 25						18			22	51	571	151	349	7	73				
2007 Dec 26						13			54	110	590	382	779	7	75				
2007 Dec 27						9			44	46	648	342	358	7	75				
2007 Dec 28											636			7	77				
2007 Dec 29											603			7	75				
2007 Dec 30						3			19	28	600	137	202	7	77				
2007 Dec 31						1			30	25	615	221	185	7	75				
2008 Jan 01						1			62	28	622	462	209	7	72				
2008 Jan 02						3			90	94	466	503	526	7	70				
2008 Jan 03						6			110	620	553	731	4,118	7	72				
2008 Jan 04											660			7	79				
2008 Jan 05											628			7	79				
2008 Jan 06						18			110	96	619	817	713	7	80				
2008 Jan 07						23			80	130	595	571	928	7	79				
2008 Jan 08						22			64	110	670	514	884	7	79				
2008 Jan 09						17			38	69	649	296	537	8	77				
2008 Jan 10						18			70	98	625	525	735	8	82				
2008 Jan 11											644			8	81				
2008 Jan 12											562			7	81				
2008 Jan 13						22			4	12	490	24	71	7	77				
2008 Jan 14						22			4	2	490	24	12	6	73				
2008 Jan 15						24			4	2	546	26	13	6	72				
2008 Jan 16	82				60	24		D	4	2	554	27	13	7	77				
2008 Jan 17						25			10	3	645	75	22	7	79				
2008 Jan 18											609			7	73				
2008 Jan 19											587			8	72				
2008 Jan 20						30			5	11	468	25	62	8	73				
2008 Jan 21						28			7	7	589	46	51	7	80				
2008 Jan 22						31			12	5	598	86	36	8	77				
2008 Jan 23						33			17	15	586	120	106	8	79				
2008 Jan 24						32			7	10	483	39	58	8	84				
2008 Jan 25											407			8	75				
2008 Jan 26											614			7	79				
2008 Jan 27						32			9	5	732	75	42	7	79				
2008 Jan 28						34			14	2	690	116	20	7	79				
2008 Jan 29						44			24	8	673	194	65	7	79				
2008 Jan 30						58			16	20	529	102	127	8	73				
2008 Jan 31						58			12	12	592	85	85	7	79				
2008 Feb 01											647			8	75				
2008 Feb 02											611			8	77				
2008 Feb 03						74			8	30	602	59	217	8	79				
2008 Feb 04						38			13	55	620	97	409	8	81				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 Feb 05						78			25	40	626	188	301	8	81				
2008 Feb 06						74			18	24	626	135	180	8	79				
2008 Feb 07						70			10	16	621	72	119	8	75				
2008 Feb 08											635			8	80				
2008 Feb 09											665			8	80				
2008 Feb 10						72			5	30	680	42	245	8	77				
2008 Feb 11						75			5	28	680	39	229	7	79				
2008 Feb 12						76			5	16	586	33	112	8	79				
2008 Feb 13						78			7	3	663	56	22	7	79				
2008 Feb 14						75			5	8	674	42	65	8	77				
2008 Feb 15											701			7	77				
2008 Feb 16											704			7	75				
2008 Feb 17	5				10	67			4	6	509	24	34	7	77				
2008 Feb 18						72			4	4	682	33	36	7	72				
2008 Feb 19						75			4	12	555	27	80	7	70				
2008 Feb 20						86			4	10	629	30	76	7	72				
2008 Feb 21						88			4	10	589	28	71	8	79				
2008 Feb 22											698			8	81				
2008 Feb 23											633			7	75				
2008 Feb 24						86			4	6	652	31	50	7	77				
2008 Feb 25						78			4	4	652	31	31	8	80				
2008 Feb 26						76			4	4	664	32	32	8	78				
2008 Feb 27						66			4	4	693	33	33	7	80				
2008 Feb 28						72			4	11	577	28	76	7	80				
2008 Feb 29											597			7	77				
2008 Mar 01											642			7	79				
2008 Mar 02						78			4	10	592	31	68	7	77				
2008 Mar 03						81			4	8	596	29	60	8	77				
2008 Mar 04						86			4	19	629	30	143	8	77				
2008 Mar 05						98			4	9	548	26	58	8	77				
2008 Mar 06											549			8	77				
2008 Mar 07											562			8	77				
2008 Mar 08											499			8	72				
2008 Mar 09						110			4	4	507	24	24	7	75				
2008 Mar 10						110			4	6	567	27	41	7	77				
2008 Mar 11						110			4	11	646	31	85	8	75				
2008 Mar 12						48			4	5	590	28	34	8	73				
2008 Mar 13						97			4	4	561	27	27	7	73	0			
2008 Mar 14											556			7	80				
2008 Mar 15								0			600			8	79				
2008 Mar 16						92			4	4				7	79				
2008 Mar 17						86			4	9				7	77				
2008 Mar 18						90			4	9				8	79				
2008 Mar 19	5				10	92			4	16	712	34	137	7	79				
2008 Mar 20						93			4	5				8	79				
2008 Mar 21														8	79				
2008 Mar 22														7	79				
2008 Mar 23						110			4	9				7	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 Mar 24						110			4	10				7	77				
2008 Mar 25						100			4	4	618	30	30	7	79				
2008 Mar 26						100			4	10	614	29	74	7	77				
2008 Mar 27						100			4	12	583	28	84	7	79				
2008 Mar 28											574			7	77				
2008 Mar 29											548			7	79				
2008 Mar 30						110			4	4	562	27	27	7	79				
2008 Mar 31						110			4	10	557	27	64	7	79				
2008 Apr 01						110			4	10	560	27	65	8	80				
2008 Apr 02						100			4	9	566	27	60	8	79				
2008 Apr 03						100			4	10	576	28	69	7	79				
2008 Apr 04											587			7	79				
2008 Apr 05											600			8	79				
2008 Apr 06						110			4	4	627	30	30	8	81				
2008 Apr 07						100			4	4	631	30	30	7	79				
2008 Apr 08						100			4	6	633	30	43	8	79				
2008 Apr 09						99			4	4	579	28	28	7	77				
2008 Apr 10						99			4	4	595	29	29	8	73				
2008 Apr 11											595			8	77				
2008 Apr 12											527			8	77				
2008 Apr 13						100			4	4	536	26	26	8	75				
2008 Apr 14						100			4	5	434	21	27	8	77				
2008 Apr 15	5				10	98		0	4	8	494	24	47	8	81				
2008 Apr 16						100			4	10	480	23	58	8	81				
2008 Apr 17						100			4	9	447	23	47	8	79				
2008 Apr 18											456			8	79				
2008 Apr 19											407			8	80				
2008 Apr 20						110			4	16	415	20	80	7	80				
2008 Apr 21						110			4	11	415	20	55	8	81				
2008 Apr 22						110			4	7	426	20	34	8	79				
2008 Apr 23						120			4	8	426	21	43	8	79				
2008 Apr 24						120			4	15	451	22	81	7	81				
2008 Apr 25											471			8	82				
2008 Apr 26											560			7	80				
2008 Apr 27						130			4	13	612	32	95	7	79				
2008 Apr 28						120			4	8	580	28	56	7	70				
2008 Apr 29						110			4	10	622	30	75	7	77				
2008 Apr 30						100			4	12	534	26	77	7	77				
2008 May 01						91			4	5	641	31	37	7	81				
2008 May 02											551			7	81				
2008 May 03											600			7	75				
2008 May 04						76			6	16	628	47	120	7	77				
2008 May 05						74			30	27	600	216	194	7	78				
2008 May 06						71			21	27	632	159	205	7	79				
2008 May 07						67			6	39	693	52	324	7	80				
2008 May 08						66			12	23	670	96	185	8	80				
2008 May 09											636			8	77				
2008 May 10											718			8	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 May 11						56			10	16	636	76	122	8	77				
2008 May 12						47			36	7	736	318	64	8	77				
2008 May 13	60				10	47			26	10	727	227	87	7	77				
2008 May 14						43			19	6	647	148	47	7	77				
2008 May 15						43			10	9	737	88	81	7	77				
2008 May 16											709			7	77				
2008 May 17											708			7	81				
2008 May 18						25			9	12	705	74	102	7	77				
2008 May 19						23			10	15	714	85	129	7	75				
2008 May 20						22			4	5	709	34	44	7	73				
2008 May 21						23			11	11	669	88	88	6	73				
2008 May 22						26			4	18	658	32	142	7	75				
2008 May 23											685			7	79				
2008 May 24											686			7	73				
2008 May 25						29			28	16	708	238	136	8	74				
2008 May 26						43			10	28	734	85	247	7	79				
2008 May 27						47			10	27	660	79	214	8	75				
2008 May 28						50			26	22	686	214	181	8	79				
2008 May 29						50			27	12	714	231	103	8	77				
2008 May 30											708			7	82				
2008 May 31											685			7	81				
2008 Jun 01						58			4	13	676	32	105	7	79				
2008 Jun 02						60			4	16	689	33	132	7	81				
2008 Jun 03						60			4	18	695	33	150	7	81				
2008 Jun 04						62			10	24	705	85	203	7	79				
2008 Jun 05						64			10	20	720	86	173	7	81				
2008 Jun 06											718			7	82				
2008 Jun 07											786			7	84				
2008 Jun 08						99			4	47	792	38	447	7	84				
2008 Jun 09						100			9	48	700	78	403	7	86				
2008 Jun 10						110			10	46	604	72	333	8	86				
2008 Jun 11						44			8	31	635	59	236	7	86				
2008 Jun 12						100			4	31	599	29	223	7	84				
2008 Jun 13											594			7	82				
2008 Jun 14											643			8	82				
2008 Jun 15						90			4	6	673	32	48	7	82				
2008 Jun 16						86			4	22	670	32	177	7	82				
2008 Jun 17	5	5			70	86			4	21	677	32	170	7	81				
2008 Jun 18						86		0	4	7	658	32	57	7	81				
2008 Jun 19						91			4	20	643	31	154	8	81	0			
2008 Jun 20											655			8	81				
2008 Jun 21											623			8	82				
2008 Jun 22						98			9	25	630	67	189	8	84				
2008 Jun 23						92			5	14	648	39	109	8	82				
2008 Jun 24						92			4	18	635	30	137	8	82				
2008 Jun 25						88			4	4	639	31	31	8	82				
2008 Jun 26						84			4	26	665	33	208	7	82				
2008 Jun 27											670			7	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 Jun 28											663			7	82				
2008 Jun 29						82			4	16	643	31	124	7	81				
2008 Jun 30						82			4	21	668	32	168	7	79				
2008 Jul 01						78			4	16	686	33	132	7	79				
2008 Jul 02						74			4	20	657	32	158	7	79				
2008 Jul 03						67			4	4	639	31	31	8	77				
2008 Jul 04											644			7	79				
2008 Jul 05											651			7	75				
2008 Jul 06						49			4	8	664	32	67	7	77				
2008 Jul 07						47			4	12	652	31	94	7	77				
2008 Jul 08						48			4	4	669	32	32	7	72				
2008 Jul 09						52			4	17	677	32	138	8	79				
2008 Jul 10						58			4	5	671	32	39	7	81				
2008 Jul 11											677			7	82				
2008 Jul 12											701			8	81				
2008 Jul 13						64			4	25	723	35	217	8	81				
2008 Jul 14						66			4	8	681	33	69	8	82				
2008 Jul 15	130				50	71			4	7	679	33	59	8	82				
2008 Jul 16						72			5	4	667	38	32	8	82				
2008 Jul 17						76			5	5	635	34	40	8	82				
2008 Jul 18											539			8	86				
2008 Jul 19											478			8	90				
2008 Jul 20						87			4	18	560	27	121	8	90				
2008 Jul 21						85			4	5	615	30	38	8	90				
2008 Jul 22						82			4	4	545	26	26	8	88				
2008 Jul 23						83			4	4	614	29	29	8	87				
2008 Jul 24						78			4	6	651	31	44	8	88				
2008 Jul 25											666			7	86				
2008 Jul 26											644			7	86				
2008 Jul 27						80			4	10	668	32	80	7	84				
2008 Jul 28						82			4	4	661	32	35	8	86				
2008 Jul 29						82			4	15	645	31	116	7	88				
2008 Jul 30						82			4	6	655	31	47	7	86				
2008 Jul 31						84			4	4	664	32	35	7	86				
2008 Aug 01											656			8	88				
2008 Aug 02											656			7	86				
2008 Aug 03						79			4	4	644	31	31	7	86				
2008 Aug 04						80			4	4	642	31	31	7	86				
2008 Aug 05						80			4	4	654	31	31	8	86				
2008 Aug 06						84			4	8	658	32	60	7	86				
2008 Aug 07						87			4	9	664	32	73	8	86				
2008 Aug 08											671			8	86				
2008 Aug 09											652			7	84				
2008 Aug 10						79			4	6	655	31	47	7	82				
2008 Aug 11						76			4	4	658	32	32	7	79				
2008 Aug 12						72			4	4	683	33	33	7	84				
2008 Aug 13						73			4	6	687	33	53	7	82				
2008 Aug 14	5				300	76		0	4	14	675	32	113	7	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 Aug 15											671			8	84				
2008 Aug 16											662			7	82				
2008 Aug 17						82			4	12	659	32	95	8	82				
2008 Aug 18						83			4	19	680	33	155	8	81				
2008 Aug 19						84			4	5	628	30	39	8	81				
2008 Aug 20						84			4	5	582	28	36	7	84				
2008 Aug 21						79			4	16	645	31	124	8	82				
2008 Aug 22											665			7	84				
2008 Aug 23											677			7	82				
2008 Aug 24						80			4	6	682	33	49	7	84				
2008 Aug 25						74			4	6	677	33	49	8	82				
2008 Aug 26						77			4	4	703	34	34	7	82				
2008 Aug 27						76			4	4	719	35	35	7	81				
2008 Aug 28						74			4	8	793	38	80	7	82				
2008 Aug 29											717			7	82				
2008 Aug 30											721			7	84				
2008 Aug 31						80			4	37	725	35	322	8	84				
2008 Sep 01						80			4	39	705	34	330	8	82				
2008 Sep 02						80			4	35	705	34	296	7	84				
2008 Sep 03						78			7	33	672	54	266	7	86				
2008 Sep 04						75			5	22	693	38	183	7	84				
2008 Sep 05											706			7	82				
2008 Sep 06											705			8	82				
2008 Sep 07						69			4	12	706	37	102	7	84				
2008 Sep 08						72			4	18	732	35	158	7	84				
2008 Sep 09						74			4	15	719	35	129	8	81				
2008 Sep 10						74			4	26	690	33	215	8	82				
2008 Sep 11						72			4	21	672	32	169	8	84				
2008 Sep 12											724			8	84				
2008 Sep 13											734			8	82				
2008 Sep 14						58			4	17	787	38	161	8	81				
2008 Sep 15						58			4	9	697	33	74	7	80				
2008 Sep 16											382			7	78				
2008 Sep 17						48			4	16				8	75				
2008 Sep 18						51			4	17				8	79				
2008 Sep 19											463			8	72				
2008 Sep 20											504			8	79				
2008 Sep 21	5	5			30	37		0	4	10	626	30	72	8	82				
2008 Sep 22						39			4	4	687	33	36	8	79				
2008 Sep 23						45			4	4	650	34	31	8	78				
2008 Sep 24						50			4	6	636	31	49	8	78				
2008 Sep 25						54			5	16	626	35	120	8	79				
2008 Sep 26											628			8	82				
2008 Sep 27											643			8	78				
2008 Sep 28						63			5	11	603	39	80	8	81	0			
2008 Sep 29						67			4	11	548	26	72	8	77				
2008 Sep 30						72			4	15	580	28	104	8	75				
2008 Oct 01						76			4	20	601	29	144	8	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2008 Oct 02						82			5	24	734	42	211	7	77				
2008 Oct 03											697			7	79				
2008 Oct 04											622			8	79				
2008 Oct 05						100			7	8	595	52	54	8	79				
2008 Oct 06						100			9	27	593	63	192	8	81				
2008 Oct 07						96			4	28	604	29	203	8	81				
2008 Oct 08						50			5	27	602	33	195	7	81				
2008 Oct 09						44			7	11	600	48	79	7	81				
2008 Oct 10											623			8	79				
2008 Oct 11											598			7	80				
2008 Oct 12						42			4	27	614	29	199	7	80				
2008 Oct 13						82			4	23	614	29	170	7	81				
2008 Oct 14						72			4	17	622	30	127	8	77				
2008 Oct 15	5				10	72		0	4	8	623	30	60	7	77				
2008 Oct 16						74			4	8	617	32	62	7	77				
2008 Oct 17											606			7	75				
2008 Oct 18											574			7	75				
2008 Oct 19						70			4	18	565	27	122	8	77				
2008 Oct 20						69			4	21	570	27	144	7	77				
2008 Oct 21						72			4	18	588	28	127	8	77				
2008 Oct 22						72			4	20	619	30	149	8	80				
2008 Oct 23						69			4	6	673	32	48	8	80				
2008 Oct 24											639			8	77				
2008 Oct 25											604			8	77				
2008 Oct 26						66			6	11	603	40	80	7	79				
2008 Oct 27						62			4	18	605	29	131	7	79				
2008 Oct 28						51			4	8	602	32	61	8	78				
2008 Oct 29						47			4	8	565	27	57	7	79				
2008 Oct 30						45			7	20	556	44	133	7	80				
2008 Oct 31											579			7	77				
2008 Nov 01											583			7	79				
2008 Nov 02						38			4	11	605	29	80	7	79				
2008 Nov 03						42			4	15	570	27	103	7	81				
2008 Nov 04						48			4	22	559	27	148	7	81				
2008 Nov 05						52			5	13	567	34	89	8	77				
2008 Nov 06						54			4	21	564	27	142	8	81				
2008 Nov 07											608			8	75				
2008 Nov 08											602			8	79				
2008 Nov 09						59			4	11	594	29	78	8	77				
2008 Nov 10						58			4	6	606	29	44	8	75				
2008 Nov 11						54			4	11	616	30	81	8	75				
2008 Nov 12						54			4	4	596	29	29	8	77				
2008 Nov 13	5	5			10	53		0	4	11	586	28	77	8	79				
2008 Nov 14											607			8	79				
2008 Nov 15											651			8	79				
2008 Nov 16						48			5	4	645	36	31	7	79				
2008 Nov 17						54			4	5	659	32	41	8	73				
2008 Nov 18						56			5	5	676	37	42	7	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2008 Nov 19						63			4	8	645	31	65	7	73				
2008 Nov 20						64			4	5	592	28	37	8	73				
2008 Nov 21											567			7	73				
2008 Nov 22											609			7	73				
2008 Nov 23						60			4	8	629	30	60	7	73				
2008 Nov 24						58			4	8	620	30	57	7	77				
2008 Nov 25						55			4	11	620	30	82	7	75				
2008 Nov 26						54			4	6	619	30	45	7	77				
2008 Nov 27						54			4	10	612	29	73	7	77				
2008 Nov 28											607			7	75				
2008 Nov 29											605			7	75				
2008 Nov 30						55			4	6	604	29	46	7	79				
2008 Dec 01						51			4	12	599	29	86	7	75				
2008 Dec 02						50			4	8	605	29	55	7	78				
2008 Dec 03						47			4	4	616	30	30	7	78				
2008 Dec 04						48			4	10	615	30	74	7	79				
2008 Dec 05											601			8	79				
2008 Dec 06											603			7	77				
2008 Dec 07						52			4	13	608	29	95	7	79				
2008 Dec 08						48			4	6	625	30	42	7	77				
2008 Dec 09						50			4	12	616	30	89	7	79				
2008 Dec 10	5	5			20	51			4	9	611	29	65	8	77				
2008 Dec 11						54			4	8	610	29	56	8	77				
2008 Dec 12											625			8	77				
2008 Dec 13											624			8	75	0			
2008 Dec 14						64			4	14	629	30	106	8	75				
2008 Dec 15						64			4	16	609	29	117	8	68				
2008 Dec 16						64			5	15	506	28	91	7	68				
2008 Dec 17						63		1	6	17	601	46	123	7	68				
2008 Dec 18						63			6	12	686	46	99	7	70				
2008 Dec 19											657			8	78				
2008 Dec 20											668			7	78				
2008 Dec 21						60			11	29	625	83	216	7	79				
2008 Dec 22						52			8	21	383	35	97	7	64				
2008 Dec 23						49			6	17	537	37	110	8	68				
2008 Dec 24						49			4	10	685	33	79	7	72				
2008 Dec 25						46			4	10	630	30	76	7	72				
2008 Dec 26											658			7	70				
2008 Dec 27											672			7	77				
2008 Dec 28						48			5	13	663	40	103	8	75				
2008 Dec 29											665			8	75				
2008 Dec 30						45			4	10	674	36	78	7	79				
2008 Dec 31						24			5	12	656	39	95	7	75				
2009 Jan 01						43			4	8	664	33	61	7	75				
2009 Jan 02											672			8	77				
2009 Jan 03											687			8	77				
2009 Jan 04	5				10	44		0	5	10	673	36	81	8	79				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	1BOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2009 Jan 05						48				7	631		54	8	78				
2009 Jan 06						63			4	8	608	29	58	8	76				
2009 Jan 07						69			5	9	652	38	69	8	79				
2009 Jan 08						72			4	12	662	32	95	8	77				
2009 Jan 09											669			8	81				
2009 Jan 10											678			7	79				
2009 Jan 11						68			4	7	653	31	56	8	81				
2009 Jan 12						64			4	9	682	33	72	8	77				
2009 Jan 13						66			4	10	683	34	79	8	77				
2009 Jan 14						67			4	13	636	33	99	8	73				
2009 Jan 15						70			4	12	683	33	98	8	70				
2009 Jan 16											713			8	70				
2009 Jan 17											720			8	77				
2009 Jan 18						76			5	7	704	38	57	8	75				
2009 Jan 19						74			4	9	694	33	73	8	75				
2009 Jan 20						74			4	8	678	33	65	8	75				
2009 Jan 21						78			4	7	666	32	54	8	77				
2009 Jan 22						78			6	6	672	50	48	8	77				
2009 Jan 23											676			8	88				
2009 Jan 24											647			8	84				
2009 Jan 25						72			5	4	477	27	25	8	75				
2009 Jan 26						66			4	10	666	32	77	8	75				
2009 Jan 27						62			4	12	662	32	95	8	75				
2009 Jan 28						60			5	6	556	31	40	8	73				
2009 Jan 29						60			4	8	706	34	68	8	73				
2009 Jan 30											687			8	72				
2009 Jan 31											678			8	75				
2009 Feb 01						62			4	11	672	32	89	8	77				
2009 Feb 02	5				20	58		0	5	10	662	36	79	8	72				
2009 Feb 03						58			4	14	594	29	100	7	64				
2009 Feb 04						55			4	10	595	31	69	8	68				
2009 Feb 05						48			4	10	506	24	61	7	72				
2009 Feb 06											642			7	75				
2009 Feb 07											646			8	77				
2009 Feb 08						52			5	11	670	37	88	8	77				
2009 Feb 09						52			5	13	639	37	100	7	78				
2009 Feb 10						56			6	11	667	45	88	8	83				
2009 Feb 11						56			5	7	664	40	57	8	80				
2009 Feb 12						56			4	8	556	29	51	8	86				
2009 Feb 13											611			7	75				
2009 Feb 14											660			7	75				
2009 Feb 15						47			4	8	674	32	68	7	75				
2009 Feb 16						49			4	10	676	32	81	7	75				
2009 Feb 17						48			5	14	663	41	111	8	73				
2009 Feb 18						51			5	9	662	41	73	7	75				
2009 Feb 19						50			4	7	670	32	55	8	75				
2009 Feb 20											681			8	73				
2009 Feb 21											689			8	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 Feb 22						50			4	4	624	30	30	8	73				
2009 Feb 23						48			4	8	702	34	67	8	72				
2009 Feb 24						45			4	11	636	31	84	8	75				
2009 Feb 25						42			4	12	701	34	101	7	77				
2009 Feb 26						39			4	7	741	37	60	7	77				
2009 Feb 27											668			7	82				
2009 Feb 28											639			7	79				
2009 Mar 01						33			4	5	646	31	37	8	79				
2009 Mar 02	5	5	5		9	28	10	0	4	4	625	30	33	8	68				
2009 Mar 03						25			4	13	702	34	110	8	68				
2009 Mar 04						26			6	7	712	47	58	7	70				
2009 Mar 05						29			5	7	745	43	61	8	73				
2009 Mar 06											718			8	75				
2009 Mar 07											687			8	75				
2009 Mar 08						42			4	4	639	31	31	8	75				
2009 Mar 09						42			4	5	753	36	43	8	72				
2009 Mar 10						48			4	11	728	35	96	7	75				
2009 Mar 11						54			4	11	654	31	86	8	72				
2009 Mar 12						58			4	12	652	31	94	8	70				
2009 Mar 13											651			8	73				
2009 Mar 14											678			7	75				
2009 Mar 15						58			6	4	699	48	34	8	75				
2009 Mar 16						53			9	6	699	73	47	8	79				
2009 Mar 17						54			5	8	664	41	67	8	79				
2009 Mar 18						57			7	11	665	53	88	8	77				
2009 Mar 19						55			5	14	670	39	113	8	79				
2009 Mar 20											681			7	73				
2009 Mar 21											678			8	72				
2009 Mar 22						48			6	6	709	48	51	7	72				
2009 Mar 23						38			5	8	692	40	70	8	73				
2009 Mar 24						46			4	16	705	36	135	8	73				
2009 Mar 25						41			5	15	705	39	127	8	72				
2009 Mar 26						33			5	17	663	43	135	7	73	0			
2009 Mar 27											727			8	70				
2009 Mar 28											720			8	70				
2009 Mar 29						38			8	23	663	60	183	8	68				
2009 Mar 30						38			8	20	563	57	135	8	70				
2009 Mar 31						37			6	21	631	43	159	8	72				
2009 Apr 01						25			4	7	743	36	64	8	72				
2009 Apr 02						33			4	5	724	35	45	8	75				
2009 Apr 03											721			8	79				
2009 Apr 04											750			8	78				
2009 Apr 05	5				10	39		0	4	13	759	36	118	8	78				
2009 Apr 06						42			4	16	695	33	134	8	68				
2009 Apr 07						47			4	7	631	30	55	7	68				
2009 Apr 08						51			5	9	653	35	72	8	72				
2009 Apr 09						49			4	6	719	35	55	8	70				
2009 Apr 10											706			8	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 Apr 11											670			8	73				
2009 Apr 12						52			4	8	677	32	65	8	72				
2009 Apr 13						48			4	8	566	27	57	8	68				
2009 Apr 14						46			4	4	508	24	24	8	68				
2009 Apr 15						46			4	4	538	28	26	8	70				
2009 Apr 16						45			4	9	599	32	63	7	72				
2009 Apr 17											714			8	73				
2009 Apr 18											736			8	73				
2009 Apr 19						52			4	4	730	35	39	8	75				
2009 Apr 20						49			4	4	724	35	35	8	78				
2009 Apr 21						45			4	4	719	35	35	8	79				
2009 Apr 22						44			5	7	711	39	61	7	78				
2009 Apr 23						43			4	10	675	32	81	8	79				
2009 Apr 24											672			8	72				
2009 Apr 25											698			8	73				
2009 Apr 26						39			5	5	717	40	41	8	72				
2009 Apr 27						41			4	9	705	34	74	8	73				
2009 Apr 28						39			4	6	712	34	55	8	72				
2009 Apr 29						39			4	5	742	36	46	8	70				
2009 Apr 30						39			4	4	713	34	34	8	72				
2009 May 01											713			8	70				
2009 May 02											693			8	70				
2009 May 03						36			4	4	692	33	33	8	70				
2009 May 04	5				10	39		0	4	5	704	34	41	8	73				
2009 May 05						41			5	4	691	41	33	8	73				
2009 May 06						44			4	4	617	30	30	8	74				
2009 May 07						46			4	4	632	30	33	8	73				
2009 May 08											672			8	74				
2009 May 09											603			8	77				
2009 May 10						48			4	4	651	31	31	8	78				
2009 May 11						9			5	5	629	37	39	8	68				
2009 May 12						44			4	4	670	32	32	8	73				
2009 May 13						45			4	6	692	34	47	8	72				
2009 May 14						43			4	4	633	30	30	8	72				
2009 May 15											654			8	75				
2009 May 16											672			8	74				
2009 May 17						41			4	5	658	32	41	8	76				
2009 May 18						40			5	6	674	40	52	8	78				
2009 May 19						40			4	4	663	32	32	8	72				
2009 May 20						41			4	6	653	31	47	8	75				
2009 May 21						42			4	6	649	31	47	8	78				
2009 May 22											627			8	79				
2009 May 23											586			8	75				
2009 May 24						52			4	4	552	27	27	8	75				
2009 May 25						49			7	6	585	50	42	8	77				
2009 May 26						29			4	7	555	27	45	8	75				
2009 May 27						23			5	4	523	33	25	8	75				
2009 May 28						23			4	6	504	24	39	8	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 May 29											442			8	72				
2009 May 30											475			8	72				
2009 May 31						28			4	9	462	22	49	8	72				
2009 Jun 01						38			4	12	467	22	67	8	74				
2009 Jun 02						41			4	13	483	23	75	8	73				
2009 Jun 03						48			4	9	466	22	49	8	72				
2009 Jun 04						54			4	7	458	22	40	8	73				
2009 Jun 05											494			8	74				
2009 Jun 06											513			8	74				
2009 Jun 07						58			5	8	497	27	50	8	79				
2009 Jun 08	5	5			500	51		0	5	15	485	29	87	8	77				
2009 Jun 09						51			4	8	486	25	49	8	75				
2009 Jun 10						50			4	6	483	23	32	8	75				
2009 Jun 11						46			5	12	498	27	72	8	73				
2009 Jun 12											483			8	77				
2009 Jun 13											513			8	77				
2009 Jun 14						60			12	37	486	70	216	8	79				
2009 Jun 15						61			12	22	513	74	136	8	75				
2009 Jun 16						62			11	17	533	70	109	8	76				
2009 Jun 17						72			10	16	541	65	104	8	76				
2009 Jun 18						74			9	17	586	60	120	8	75	0			
2009 Jun 19											575			8	81				
2009 Jun 20											563			8	81				
2009 Jun 21						64			4	8	576	28	58	8	82				
2009 Jun 22						59			11	8	541	71	52	8	84				
2009 Jun 23						54			9	8	606	62	58	8	82				
2009 Jun 24						48			8	4	654	63	35	8	86				
2009 Jun 25					240	44			6	4	632	46	30	8	84				
2009 Jun 26											641			8	84				
2009 Jun 27											630			8	82				
2009 Jun 28						36			4	5	627	30	39	8	82				
2009 Jun 29						37			5	6	636	41	49	8	81				
2009 Jun 30						40			7	9	636	52	67	8	77				
2009 Jul 01						38			13	8	597	93	60	8	74				
2009 Jul 02						36			7	11	589	49	78	8	77				
2009 Jul 03											599			8	77				
2009 Jul 04											638			8	75				
2009 Jul 05						40			14	11	642	108	85	8	75				
2009 Jul 06	5				80	42		0	4	8	676	36	65	8	77				
2009 Jul 07						46			11	4	674	89	32	8	77				
2009 Jul 08						49			8	11	638	63	84	8	77				
2009 Jul 09						47			12	8	645	93	62	8	77				
2009 Jul 10											653			8	79				
2009 Jul 11											658			8	81				
2009 Jul 12						62			30	12	654	235	94	8	79				
2009 Jul 13						66			10	11	634	76	84	8	80				
2009 Jul 14						68			7	4	649	53	31	8	84				
2009 Jul 15						72			10	15	647	78	116	8	79				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2009 Jul 16						72			5	6	653	35	50	8	84				
2009 Jul 17											659			8	81				
2009 Jul 18											640			8	79				
2009 Jul 19						71			7	8	643	54	62	8	79				
2009 Jul 20						77			4	10	714	34	86	8	81				
2009 Jul 21						80			10	10	685	81	79	8	81				
2009 Jul 22						80			6	5	607	46	35	8	82				
2009 Jul 23						79			13	10	608	95	73	8	82				
2009 Jul 24											602			8	79				
2009 Jul 25											579			8	84				
2009 Jul 26						86			5	5	583	32	34	8	82				
2009 Jul 27						86			5	8	595	36	57	8	82				
2009 Jul 28						84			4	4	519	25	25	8	82				
2009 Jul 29						81			6	8	562	39	54	8	81				
2009 Jul 30						82			5	4	604	38	29	8	81				
2009 Jul 31											595			8	81				
2009 Aug 01											592			8	81				
2009 Aug 02						77			5	4	546	34	26	8	81				
2009 Aug 03	5				350	75		0	4	4	570	29	27	8	79				
2009 Aug 04						72			8	4	560	52	30	8	79				
2009 Aug 05						77			5	4	545	33	26	8	79				
2009 Aug 06						74			4	4	558	27	27	8	77				
2009 Aug 07											588			8	77				
2009 Aug 08											575			7	77				
2009 Aug 09						77			8	4	607	58	29	8	79				
2009 Aug 10						71			9	4	617	70	30	8	80				
2009 Aug 11						68			5	4	601	38	29	7	80				
2009 Aug 12						74			5	4	578	35	28	7	80				
2009 Aug 13						70			4	4	536	26	26	7	80				
2009 Aug 14											529			7	80				
2009 Aug 15											526			7	81				
2009 Aug 16						55			10	4	513	62	25	7	81				
2009 Aug 17						52			6	4	512	36	25	7	76				
2009 Aug 18						53			5	4	541	31	29	7	77				
2009 Aug 19						54			7	7	536	44	44	7	79				
2009 Aug 20						56			9	11	578	65	76	7	77				
2009 Aug 21											569			7	79				
2009 Aug 22											522			7	77				
2009 Aug 23						66			31	22	515	192	136	7	79				
2009 Aug 24						66			9	17	523	54	107	8	77				
2009 Aug 25						64			11	12	589	78	85	8	77				
2009 Aug 26											530			8	77				
2009 Aug 27											-								
2009 Aug 28											77			8	77				
2009 Aug 29											536			8	77				
2009 Aug 30						67			5	8	572	36	52	8	75				
2009 Aug 31						58			4	4	573	27	27	8	73				
2009 Sep 01						52			4	7	558	27	46	8	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 Sep 02						54			4	4	550	26	26	8	73				
2009 Sep 03						60			4	4	564	27	27	8	73				
2009 Sep 04											568			8	75				
2009 Sep 05											573			8	77				
2009 Sep 06						43			4	4	578	28	28	8	77				
2009 Sep 07	5	5			1,000	47		0	4	4	556	29	27	8	79				
2009 Sep 08						52			7	4	583	48	28	8	79				
2009 Sep 09						48			4	4	594	29	29	8	80				
2009 Sep 10						40			4	4	588	30	28	8	80				
2009 Sep 11											653			8	73				
2009 Sep 12											635			8	78				
2009 Sep 13						57			7	4	622	55	30	8	77				
2009 Sep 14						47			6	6	612	46	47	8	80				
2009 Sep 15					40	46			7	4	604	52	29	8	77				
2009 Sep 16						42			10	4	607	71	29	8	81				
2009 Sep 17						46			7	11	629	51	83	8	79				
2009 Sep 18											631			7	77				
2009 Sep 19											621			8	77				
2009 Sep 20						49			4	4	633	33	30	8	77				
2009 Sep 21						44			6	5	603	41	35	8	77		4	43	4
2009 Sep 22					300	43			4	10	631	32	73	8	79				
2009 Sep 23						43			9	4	623	67	30	7	79				
2009 Sep 24						45			4	4	619	30	30	8	81				
2009 Sep 25											597			8	79				
2009 Sep 26											576			8	79				
2009 Sep 27						40			6	4	559	37	27	8	79				
2009 Sep 28					10	41			5	4	582	34	28	8	72	0			
2009 Sep 29						37			5	4	566	33	27	8	72				
2009 Sep 30						38			4	6	553	27	37	8	73				
2009 Oct 01						37			4	5	548	26	32	8	72				
2009 Oct 02											507			8	70				
2009 Oct 03											491			8	71				
2009 Oct 04						53			4	4	499	24	24	8	72				
2009 Oct 05	5	5			10	60		1	4	4	536	26	26	8	75				
2009 Oct 06						67			4	4	543	26	26	8	73				
2009 Oct 07						72			4	4	507	24	24	8	72				
2009 Oct 08						77			7	4	588	49	28	8	73				
2009 Oct 09											564			8	75				
2009 Oct 10											528			8	73				
2009 Oct 11						88			4	5	528	25	33	8	72				
2009 Oct 12						84			4	8	514	25	35	8	72				
2009 Oct 13						82			4	5	504	24	31	8	70				
2009 Oct 14						84			6	4	537	37	26	8	70				
2009 Oct 15						82			4	6	516	25	35	8	72				
2009 Oct 16											507			8	72				
2009 Oct 17											507			7	72				
2009 Oct 18						88			4	4	523	25	25	8	72				
2009 Oct 19						87			4	4	537	26	26	8	72				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 Oct 20						86			4	4	557	28	27	8	73				
2009 Oct 21						84			13	6	542	85	36	8	73				
2009 Oct 22						85			4	10	528	25	63	8	73				
2009 Oct 23											529			8	75				
2009 Oct 24											523			8	72				
2009 Oct 25						73			4	9	529	27	56	8	72				
2009 Oct 26						66			4	5	536	26	31	8	72				
2009 Oct 27						62			5	4	522	29	25	8	70				
2009 Oct 28						57			4	8	502	24	51	8	70				
2009 Oct 29						53			11	9	546	72	60	8	68				
2009 Oct 30											530			8	74				
2009 Oct 31											545			8	70				
2009 Nov 01	5				10	48		0	10	17	527	60	107	8	72				
2009 Nov 02						52			8	18	564	53	122	8	72				
2009 Nov 03						56			5	15	534	35	96	8	72				
2009 Nov 04						59			8	11	520	49	69	8	70				
2009 Nov 05						64			6	13	480	32	75	8	72				
2009 Nov 06											536			8	72				
2009 Nov 07											540			8	75				
2009 Nov 08						69			8	17	531	51	108	8	73				
2009 Nov 09						71			12	20	555	80	133	8	72				
2009 Nov 10						76			10	14	548	65	92	8	72				
2009 Nov 11						80			6	14	545	37	92	8	70				
2009 Nov 12						86			4	12	537	26	77	8	70				
2009 Nov 13											537			8	73				
2009 Nov 14											537			8	75				
2009 Nov 15						89			5	11	547	30	72	8	73				
2009 Nov 16						88			4	10	532	26	64	8	73				
2009 Nov 17						84			4	10	515	25	62	8	73				
2009 Nov 18						80			4	7	518	25	42	8	74				
2009 Nov 19						80			11	8	517	68	52	8	78				
2009 Nov 20											529			8	78	0			
2009 Nov 21											518			8	76				
2009 Nov 22						80			6	5	522	38	33	8	78				
2009 Nov 23						80			13	12	530	83	76	8	70				
2009 Nov 24						80			6	6	489	36	38	8	70				
2009 Nov 25						76			6	8	559	41	54	8	72				
2009 Nov 26						70			4	12	563	27	81	8	66				
2009 Nov 27											573			8	66				
2009 Nov 28											520			8	68				
2009 Nov 29						72			4	8	534	26	51	8	70				
2009 Nov 30						60			4	6	510	24	37	8	68				
2009 Dec 01						66			6	10	517	36	62	8	68				
2009 Dec 02						70			8	8	548	53	53	8	68				
2009 Dec 03						75			4	4	575	28	30	8	66				
2009 Dec 04											551			8	68				
2009 Dec 05											523			8	64				
2009 Dec 06						77			4	4	509	24	24	8	68				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2009 Dec 07	5	5			10	74			4	4	504	24	24	8	68				
2009 Dec 08						79			4	4	562	27	27	8	70				
2009 Dec 09						75			4	4	499	24	26	8	64				
2009 Dec 10						72			12	33	459	66	182	8	61				
2009 Dec 11											363			8	63				
2009 Dec 12											486			8	64				
2009 Dec 13						64			7	8	555	44	40	8	73				
2009 Dec 14						58			4	4	567	27	27	9	72				
2009 Dec 15						53			8	5	564	56	35	8	69				
2009 Dec 16						52			5	4	423	23	20	8	67				
2009 Dec 17						59			18	10	494	107	57	8	68				
2009 Dec 18											559			8	72				
2009 Dec 19											550			8	70				
2009 Dec 20						48			12	26	552	80	172	8	70				
2009 Dec 21						54			25	48	561	168	323	8	70				
2009 Dec 22						62			41	71	537	264	458	8	70				
2009 Dec 23						62			45	52	512	277	320	8	70				
2009 Dec 24						57			23	41	515	142	253	8	70				
2009 Dec 25											498			8	68				
2009 Dec 26											519			8	66				
2009 Dec 27						37			10	24	532	64	153	8	66				
2009 Dec 28						31			9	22	539	60	142	8	66				
2009 Dec 29						32			11	19	408	54	93	8					
2009 Dec 30						33			10	16	425	51	82	8	66				
2009 Dec 31						33			6	9	414	29	46	8	66				
2010 Jan 01											402			8	64				
2010 Jan 02											292			8	61				
2010 Jan 03						33			17	23	238	49	66	8	61				
2010 Jan 04	5				10	31		0	16	14	147	28	25	8	64				
2010 Jan 05						32			4	4	146	7	8	8	66				
2010 Jan 06						30			4	5				8	66				
2010 Jan 07						35			4	6	541	26	42	8	68				
2010 Jan 08											543			8	60				
2010 Jan 09											476			8	70				
2010 Jan 10						64			5	7	335	21	29	8	70				
2010 Jan 11						64			6	6	514	39	35	8	64				
2010 Jan 12						69			12	8	612	88	62	8	64				
2010 Jan 13						72			9	8	567	61	57	8	64				
2010 Jan 14						75			12	17	552	79	113	8	64				
2010 Jan 15											564			8	66				
2010 Jan 16											585			8	66				
2010 Jan 17						80			10	16	551	66	106	8	66				
2010 Jan 18						78			14	16	594	100	114	8	66				
2010 Jan 19						80			13	16	590	92	113	8	68				
2010 Jan 20						82			13	14	562	88	94	8	66				
2010 Jan 21						88			23	17	561	155	114	8	66				
2010 Jan 22											567			8	68				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2010 Jan 23											567			8	70				
2010 Jan 24						86			10	11	566	68	75	8	72				
2010 Jan 25						88			11	6	558	74	37	8	72				
2010 Jan 26						94			5	6	542	35	42	8	68				
2010 Jan 27						92			9	6	546	60	37	8	68				
2010 Jan 28						98			7	6	496	44	38	8	70				
2010 Jan 29														8	64				
2010 Jan 30											425			8	8				
2010 Jan 31						94			7	7	501	40	41	8	64				
2010 Feb 01	5				45	76		0	6	8	555	41	51	8	70				
2010 Feb 02						76			8	5	547	53	31	8	70				
2010 Feb 03						79			7	5	548	49	34	8	70				
2010 Feb 04						88			7	4	554	47	29	8	70				
2010 Feb 05											555			8	68				
2010 Feb 06											578			8	66				
2010 Feb 07						88			7	6	564	47	38	8	68				
2010 Feb 08						92			9	4	575	64	28	8	68				
2010 Feb 09						98			9	8	575	64	58	8	66				
2010 Feb 10						98			8	6	559	56	40	8	68				
2010 Feb 11						110			8	6	552	54	37	8	66				
2010 Feb 12											516			8	68				
2010 Feb 13											538			8	68				
2010 Feb 14						110			4	6	551	26	40	8	68				
2010 Feb 15						110			13	12	567	88	82	8	64				
2010 Feb 16						110			10	8	569	67	57	8	68				
2010 Feb 17						110			11	15	556	73	100	8	68				
2010 Feb 18						100			6	15	551	38	99	8	66				
2010 Feb 19											511			8	64				
2010 Feb 20											512			8	68				
2010 Feb 21						110			4	18	475	23	103	8	68				
2010 Feb 22						94			12	13	481	69	75	8	70				
2010 Feb 23						92			12	10	508	73	61	8	68				
2010 Feb 24						90			9	17	482	54	98	8	70				
2010 Feb 25						90			12	16	497	72	95	8	69				
2010 Feb 26											470			8	64				
2010 Feb 27											496			8	66				
2010 Feb 28						97			12	14	505	73	85	8	66				
2010 Mar 01	5	5	5	10	200	93	0	0	7	18	521	41	112	8	68				
2010 Mar 02						93			6	11	480	37	63	8	68				
2010 Mar 03						93			8	18	452	45	98	8	68				
2010 Mar 04						92			11	20	452	60	109	8	68				
2010 Mar 05											440			8	66				
2010 Mar 06											459			8	68				
2010 Mar 07						89			8	22	493	47	130	8	66				
2010 Mar 08						86			8	11	480	44	63	8	68				
2010 Mar 09						82			7	10	473	40	54	8	68				
2010 Mar 10						82			7	8	541	43	55	8	68				
2010 Mar 11						82			4	7	574	28	50	8	70				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2010 Mar 12											599			8	70				
2010 Mar 13											538			8	70				
2010 Mar 14						80			7	4	532	44	26	8	70				
2010 Mar 15						88			7	5	575	46	33	8	66				
2010 Mar 16						78			7	9	536	46	59	8	66				
2010 Mar 17						78			10	9	550	65	58	8	70				
2010 Mar 18						79			6	8	600	45	58	8	70				
2010 Mar 19											577			8	72				
2010 Mar 20											566			8	68				
2010 Mar 21						79			4	13	559	28	87	8	68				
2010 Mar 22						78			5	15	519	29	93	8	70				
2010 Mar 23						78			5	12	606	33	87	8	68				
2010 Mar 24						80			7	15	592	51	107	8	70				
2010 Mar 25						82			5	12	550	30	79	8	70				
2010 Mar 26											626			8	66				
2010 Mar 27											587			8	66				
2010 Mar 28						80			5	13	555	31	87	8	66				
2010 Mar 29						82			5	26	518	32	162	8	70				
2010 Mar 30						83			6	10	540	40	65	8	70	0			
2010 Mar 31						86			9	10	492	53	57	8	70				
2010 Apr 01						86			11	12	560	74	81	8	72				
2010 Apr 02											560			8	73				
2010 Apr 03											573			8	70				
2010 Apr 04	5				10	90			5	8	573	34	58	8	72				
2010 Apr 05						87			5	6	577	31	42	8	73				
2010 Apr 06						90			5	5	581	37	33	8	77				
2010 Apr 07						88		0	6	8	568	40	57	8	77				
2010 Apr 08						93			4	4	566	27	27	8	73				
2010 Apr 09											547			8	72				
2010 Apr 10											525			8	74				
2010 Apr 11						90			7	4	580	51	28	8	72				
2010 Apr 12						87			4	4	601	30	29	8	73				
2010 Apr 13						81			5	6	585	36	42	8	73				
2010 Apr 14						82			5	14	633	34	106	8	75				
2010 Apr 15						81			10	6	602	70	43	8	77				
2010 Apr 16											602			8	75				
2010 Apr 17											613			8	70				
2010 Apr 18						74			7	4	584	52	28	8	75				
2010 Apr 19						72			6	10	557	39	64	8	79				
2010 Apr 20						71			6	5	597	40	34	8	72				
2010 Apr 21						72			7	6	612	50	44	8	73				
2010 Apr 22						73			5	6	624	40	42	8	73				
2010 Apr 23											625			8	73				
2010 Apr 24											652			8	73				
2010 Apr 25						73			6	4	624	43	30	8	73				
2010 Apr 26						74			6	4	586	40	28	8	73				
2010 Apr 27						74			5	4	615	34	30	8	73				
2010 Apr 28						72			7	4	588	48	28	8	75				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2010 Apr 29						79			6	6	624	44	45	8	73				
2010 Apr 30											564			8	73				
2010 May 01											577			8	73				
2010 May 02	5				27	70			7	4	552	45	26	8	75				
2010 May 03						69		0	8	4	562	54	27	8	75				
2010 May 04						68			8	4	631	58	30	8	75				
2010 May 05						67			7	4	612	54	29	8	75				
2010 May 06						60			5	5	596	34	37	8	75				
2010 May 07											589			8	74				
2010 May 08											619			8	72				
2010 May 09						72			4	4	608	29	29	8	74				
2010 May 10						72			4	4	635	33	30	8	70				
2010 May 11						70			5	6	640	41	43	8	70				
2010 May 12						74			11	4	595	79	31	8	70				
2010 May 13						76			8	5	584	56	34	8	70				
2010 May 14											626			8	72				
2010 May 15											630			8	74				
2010 May 16						70			4	8	609	29	58	8	76				
2010 May 17						68			5	5	602	34	38	8	75				
2010 May 18						66			8	5	598	54	37	7	76				
2010 May 19						67			8	8	599	59	58	8	74				
2010 May 20						77			10	7	618	74	53	8	74				
2010 May 21											599			8	75				
2010 May 22											605			8	75				
2010 May 23						72			10	12	622	72	90	8	77				
2010 May 24						68			5	13	618	39	96	8	81				
2010 May 25						70			8	6	615	58	44	8	81				
2010 May 26						70			11	9	631	83	67	8	81				
2010 May 27						69			16	7	657	126	54	8	79				
2010 May 28											641			8	80				
2010 May 29											616			8	82				
2010 May 30						67			10	4	623	74	30	8	82				
2010 May 31						67			9	8	589	64	54	8	82				
2010 Jun 01	5	5			10	67			12	8	551	79	56	8	82				
2010 Jun 02						62			8	6	645	65	50	8	81				
2010 Jun 03						55			4	4	653	31	31	8	81				
2010 Jun 04											631			8	80				
2010 Jun 05											623			8	80				
2010 Jun 06						58			4	5	665	32	42	8	79				
2010 Jun 07						63			6	6	627	43	48	8	79				
2010 Jun 08						70		0	4	11	615	31	81	8	79				
2010 Jun 09						77			4	4	611	29	32	8	79				
2010 Jun 10						82			5	5	641	35	40	8	82				
2010 Jun 11											676			8	82				
2010 Jun 12											657			8	84				
2010 Jun 13						84			6	6	643	45	49	8	81				
2010 Jun 14						80			9	4	609	66	29	8	80				
2010 Jun 15						79			11	28	587	77	197	8	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2010 Jun 16						78			8	6	576	57	44	8	82				
2010 Jun 17						78			6	8	555	40	51	8	84				
2010 Jun 18											624			8	84				
2010 Jun 19											594			8	84				
2010 Jun 20						77			4	4	635	30	30	8	84				
2010 Jun 21						75			4	6	601	30	40	8	86				
2010 Jun 22						74			5	4	590	36	28	8	80				
2010 Jun 23						68			4	4	578	28	28	8	86				
2010 Jun 24						67			5	4	571	36	27	8	81				
2010 Jun 25											593			8	84				
2010 Jun 26											631			8	84				
2010 Jun 27						66			9	5	634	65	40	8	86				
2010 Jun 28						69			7	7	603	51	49	8	84	0			
2010 Jun 29						14			4	5	586	28	34	8	82				
2010 Jun 30						74			5	11	578	34	76	8	82				
2010 Jul 01						70			6	7	581	39	47	8	81				
2010 Jul 02						74			4	6	563	27	43	8	82				
2010 Jul 03											552			8	82				
2010 Jul 04											559			8	82				
2010 Jul 05						74		0	4	6	486	23	37	8	82				
2010 Jul 06	5				120	86			4	4	522	25	28	8	84				
2010 Jul 07						82			4	4	495	24	24	8	84				
2010 Jul 08						82			4	4	478	23	25	8	84				
2010 Jul 09						85			5	4	605	36	29	8	90				
2010 Jul 10											599			8	90				
2010 Jul 11											590			8	90				
2010 Jul 12						96			4	4	582	28	28	8	84				
2010 Jul 13						98			4	4	531	25	25	8	86				
2010 Jul 14						92			4	4	519	25	25	8	85				
2010 Jul 15						93			6	4	498	33	24	8	82				
2010 Jul 16						95			6	7	580	40	50	8	90				
2010 Jul 17											578			8	88				
2010 Jul 18											576			8	90				
2010 Jul 19						100			6	14	573	40	96	8	91				
2010 Jul 20						100			4	7	544	26	47	8	86				
2010 Jul 21						110			5	6	550	36	40	8	83				
2010 Jul 22						100			4	10	625	32	75	8	90				
2010 Jul 23						94			8	6	579	56	39	8	90				
2010 Jul 24											610			8	90				
2010 Jul 25											573			8	88				
2010 Jul 26						95			12	10	630	91	76	8	88				
2010 Jul 27						94			6	14	647	45	109	8	90				
2010 Jul 28						90			21	11	649	164	86	8	90				
2010 Jul 29						83			14	12	632	106	91	8	88				
2010 Jul 30						92			9	14	659	74	111	8	88				
2010 Jul 31											600			8	86				
2010 Aug 01											577			8	86				
2010 Aug 02						17			6	10	597	46	68	8	86				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2010 Aug 03	5				550	92			29	12	598	208	86	8	79				
2010 Aug 04						88			8	16	598	55	115	8	88				
2010 Aug 05						87			4	8	586	28	59	8	88				
2010 Aug 06						89			8	4	622	59	30	8	89				
2010 Aug 07								0			633			8	89				
2010 Aug 08											624			8	88				
2010 Aug 09						90			7	20	606	50	145	7	90				
2010 Aug 10						86			4	7	601	29	49	8	91				
2010 Aug 11						88			7	12	598	53	86	8	88				
2010 Aug 12						88			9	6	595	66	40	8	90				
2010 Aug 13						88			13	13	581	91	91	8	91				
2010 Aug 14											561			8	88				
2010 Aug 15						64			4	4	544	26	26	8	88				
2010 Aug 16					10	61			10	5	549	64	32	8	84				
2010 Aug 17						62			4	10	537	26	62	8	88				
2010 Aug 18						60			14	14	505	85	85	8	86				
2010 Aug 19						62			4	32	537	26	206	8	89				
2010 Aug 20											507			8	86				
2010 Aug 21											480			8	88				
2010 Aug 22						71			9	14	471	52	79	8	86				
2010 Aug 23						70			6	12	486	36	70						
2010 Aug 24											437								
2010 Aug 25											-								
2010 Aug 26						68			31	24	272	101	78	8	88				
2010 Aug 27											442			8	84				
2010 Aug 28											451			8	81				
2010 Aug 29						58			6	16	481	36	92	8	82				
2010 Aug 30						52			4	15	505	24	91	8	82				
2010 Aug 31						41			4	11	522	25	69	8	82				
2010 Sep 01						41			4	10	544	26	63	8	82				
2010 Sep 02						40			4	6	522	25	38	8	84				
2010 Sep 03											552			8	82				
2010 Sep 04											512			8	81				
2010 Sep 05						47			4	10	524	25	60	8	82				
2010 Sep 06	5	5			36	54			4	11	517	25	68	8	82				
2010 Sep 07						69			4	15	540	27	97	8	81				
2010 Sep 08						81			5	13	492	27	77	8	79				
2010 Sep 09						90			4	18	497	24	107	8	85				
2010 Sep 10											438			8	81				
2010 Sep 11											439			8	84				
2010 Sep 12						110			4	23	458	24	126	8	82				
2010 Sep 13						110		1	6	20	491	33	118	8	88				
2010 Sep 14						110			9	22	458	51	121	8	86				
2010 Sep 15						110			10	27	560	67	182	8	85				
2010 Sep 16						110			5	25	462	29	138	8	85				
2010 Sep 17											550			8	81				
2010 Sep 18											521			8	81				
2010 Sep 19						98			6	24	538	36	155	8	81				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2010 Sep 20						89			6	22	537	38	142	8	82				
2010 Sep 21						74			5	15	509	28	92	8	82				
2010 Sep 22						50			4	20	463	22	111	8	82	0			
2010 Sep 23						30			4	4	457	22	22	8	82				
2010 Sep 24											481			8	82				
2010 Sep 25											490			8	81				
2010 Sep 26						13			4	14	400	19	67	8	77				
2010 Sep 27						14			4	13	445	21	69	8	77				
2010 Sep 28						10			5	13	478	30	75	8	77				
2010 Sep 29						10			4	16	512	25	98	8	72				
2010 Sep 30						11			4	9	519	25	57	8	73				
2010 Oct 01											509			7	75				
2010 Oct 02											484			8	75				
2010 Oct 03						24			7	26	481	41	150	8	75				
2010 Oct 04	47	5			72	26		1	5	30	460	29	166	8	73				
2010 Oct 05											490			8	75				
2010 Oct 06						28			8	15	454	45	82	8	77				
2010 Oct 07						40			4	13	449	22	70	8	79				
2010 Oct 08											445			8	77				
2010 Oct 09											423			8	77				
2010 Oct 10						81			5	13	412	26	64	8	81				
2010 Oct 11						90			6	15	400	26	72	8	81				
2010 Oct 12						95			6	15	386	29	69	8	81				
2010 Oct 13						99			5	16	382	25	73	8	81				
2010 Oct 14						96			8	20	406	37	97	8	79				
2010 Oct 15											429			8	80				
2010 Oct 16											410			8	77				
2010 Oct 17						92			6	12	474	36	68	8	78				
2010 Oct 18						84			4	16	494	24	95	8	72				
2010 Oct 19						75			4	12	493	24	71	8	75				
2010 Oct 20						67			4	19	506	24	115	8	77				
2010 Oct 21						70			4	10	490	24	59	7	75				
2010 Oct 22											454			8	76				
2010 Oct 23											497			7	77				
2010 Oct 24						87			4	16	517	25	99	7	77				
2010 Oct 25						93			4	15	510	24	92	8	74				
2010 Oct 26						94			4	15	490	24	88	7	74				
2010 Oct 27						94			4	16	494	24	95	7	75				
2010 Oct 28						92			7	15	502	39	90	7	74				
2010 Oct 29											489			7	72				
2010 Oct 30											474			7	72				
2010 Oct 31						100			8	30	448	44	161	8	72				
2010 Nov 01						100			4	30	449	22	162	8	76				
2010 Nov 02	5				140	110			9	25	469	51	141	8	74				
2010 Nov 03						110			16	29	468	90	163	8	75				
2010 Nov 04						110			10	24	490	57	141	8	72				
2010 Nov 05											510			8	74				
2010 Nov 06											511			7	70				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2010 Nov 07						100			4	44	442	21	233	7	73				
2010 Nov 08						100			21	53	480	121	305	7	73				
2010 Nov 09						93			4	110	532	26	702	8	75				
2010 Nov 10						84			34	140	516	210	866	8	72				
2010 Nov 11						76			52	130	516	322	804	8	73				
2010 Nov 12											490			8	73				
2010 Nov 13											590			8	79				
2010 Nov 14						65			8	53	573	55	364	8	75				
2010 Nov 15						57			52	52	556	347	347	8	73				
2010 Nov 16						58			38	62	503	229	374	8	75				
2010 Nov 17						53			35	69	501	210	415	8	73				
2010 Nov 18						55			30	56	515	186	346	8	73				
2010 Nov 19											509			8	74				
2010 Nov 20											431			8	76				
2010 Nov 21						44			23	42	391	108	197	8	70				
2010 Nov 22						37			26	56	551	172	370	8	81				
2010 Nov 23						29			17	27	535	109	173	8	75				
2010 Nov 24						22			24	26	529	152	165	8	77				
2010 Nov 25						14			15	12	515	93	74	8	77				
2010 Nov 26											537			8	72				
2010 Nov 27											552			8	72				
2010 Nov 28						16			6	14	580	39	98	8	72				
2010 Nov 29						25			4	15	613	32	110	8	72				
2010 Nov 30						25			6	15	615	43	111	8	73				
2010 Dec 01						27			4	20	604	29	145	8	70				
2010 Dec 02						31			6	19	622	44	142	8	70				
2010 Dec 03											638			8	72				
2010 Dec 04											628			8	77				
2010 Dec 05						54			7	32	632	53	243	8	70				
2010 Dec 06						58			17	120	616	126	887	8	72				
2010 Dec 07	5	5			10	64			12	35	604	87	254	8	74				
2010 Dec 08						66			18	41	708	153	348	8	74				
2010 Dec 09						72			26	31	629	196	234	8	74				
2010 Dec 10											588			8	79				
2010 Dec 11											535			8	79				
2010 Dec 12						66			17	52	538	110	335	8	75				
2010 Dec 13						73			29	31	283	99	105	8	73				
2010 Dec 14						82			28	39	60	20	28	8	73				
2010 Dec 15						89			11	40	450	59	216	8	75				
2010 Dec 16						94			4	43	541	26	279	8	74				
2010 Dec 17											554			8	75				
2010 Dec 18											546			8	73				
2010 Dec 19						110			11	79	546	72	517	8	75				
2010 Dec 20						110			6	35	548	37	230	8	79				
2010 Dec 21						100			7	42	544	48	274	8	79				
2010 Dec 22						110			7	39	554	44	259	8	79				
2010 Dec 23						110			5	25	532	29	160						
2010 Dec 24											533			8	72				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2010 Dec 25											540			8	72				
2010 Dec 26						84			6	32	553	40	212	8	72				
2010 Dec 27						77			4	33	553	27	219	8	72				
2010 Dec 28						76			5	34	565	31	231	8	72				
2010 Dec 29						78			6	35	558	43	234	8	74				
2010 Dec 30						72			5	31	537	34	200	8	66				
2010 Dec 31											533			8	75				
2011 Jan 01											474			8	72				
2011 Jan 02						76			4	19	481	23	110	8	70				
2011 Jan 03	5				10	82			4	14	506	24	85	8	70				
2011 Jan 04						85			6	19	516	37	118	8	70				
2011 Jan 05						95			4	13	532	26	83	8	70				
2011 Jan 06						97			4	15	527	25	95	8	70				
2011 Jan 07											454			8	75				
2011 Jan 08											505			9	72				
2011 Jan 09						110			4	24	455	22	131	8	72				
2011 Jan 10						110			5	22	501	31	132	8	77				
2011 Jan 11						110			6	20	483	35	116	8	77				
2011 Jan 12						110			8	25	467	44	140	8	77				
2011 Jan 13						120			12	29	458	66	160	8	77				
2011 Jan 14											452			8	79				
2011 Jan 15											477			8	79				
2011 Jan 16						110			4	27	540	26	175	8	73				
2011 Jan 17						110			9	30	524	54	189	8	79				
2011 Jan 18						120			6	24	499	37	144	8	79				
2011 Jan 19						120			7	21	497	39	125	8	75				
2011 Jan 20						120			43	36	464	240	201	8	79				
2011 Jan 21											419			7	70				
2011 Jan 22											416			8	70				
2011 Jan 23						120			4	38	502	24	229	8	74				
2011 Jan 24						120			5	34	500	32	204	8	72				
2011 Jan 25						110			7	39	546	48	255	8	79				
2011 Jan 26						120			9	43	519	54	268	8	79				
2011 Jan 27						98			7	41	525	44	259	8	77				
2011 Jan 28											519			8	79				
2011 Jan 29											527			8	79				
2011 Jan 30						46			4	40	539	26	259	8	81				
2011 Jan 31						42			10	35	415	50	174	8	78				
2011 Feb 01						36			12	51	523	75	320	8	74				
2011 Feb 02						34			5	40	548	34	263						
2011 Feb 03						24			5	59	499	30	353	8	70				
2011 Feb 04											444			8	72				
2011 Feb 05											462			8	70				
2011 Feb 06						17			4	37	463	22	206	8	73				
2011 Feb 07	17				340	15			10	40	485	58	233	8	77				
2011 Feb 08						13			7	80	484	41	464	8	75				
2011 Feb 09						14			6	59	426	29	301	8	75				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2011 Feb 10						9			4	62	470	23	350	8	73				
2011 Feb 11											434			8	75				
2011 Feb 12											478			8	77				
2011 Feb 13						10			4	39	486	23	228	8	77				
2011 Feb 14						11			6	31	489	35	182	8	77				
2011 Feb 15						13			7	27	511	45	165	8	77				
2011 Feb 16						15			8	11	525	49	69	8	79				
2011 Feb 17											520			8	77				
2011 Feb 18											514			8	72				
2011 Feb 19											512			8	72				
2011 Feb 20	10				10	42			4	7	508	24	41	8	76				
2011 Feb 21						45			4	4	522	25	25	7	75				
2011 Feb 22						50			11	8	541	71	49	7	75				
2011 Feb 23						50			35	12	517	217	74	8	75				
2011 Feb 24						54			14	12	512	86	74	8	75				
2011 Feb 25											544			8	73				
2011 Feb 26											568			8	72				
2011 Feb 27						45			3	7	557	18	48	8	73				
2011 Feb 28						44			3	14	533	20	90	8	72				
2011 Mar 01						46			5	8	558	31	56	8	74				
2011 Mar 02						43			5	4	531	29	25	8	74				
2011 Mar 03						45			3	8	534	20	49	8	76				
2011 Mar 04											543			8	75				
2011 Mar 05											547			8	72				
2011 Mar 06						50			5	12	538	35	77	8	70				
2011 Mar 07	5				10				9	12	478	52	69	8	70				
2011 Mar 08						60			12	11	477	69	63	8	73				
2011 Mar 09						65			7	8	445	39	45	8	73				
2011 Mar 10						63			7	14	506	43	85	8	73				
2011 Mar 11											557			8	77				
2011 Mar 12											515			8	77				
2011 Mar 13						59			4	6	447	23	34	8	73				
2011 Mar 14						49			3	6	456	15	31	8	75				
2011 Mar 15						41			4	4	483	23	23	8	77				
2011 Mar 16						34			4	4	470	23	23	8	77				
2011 Mar 17						31			16	9	490	94	54	8	82				
2011 Mar 18											486			8	74				
2011 Mar 19											515			8	74				
2011 Mar 20						30			7	4	500	41	24	8	79				
2011 Mar 21						30			4	4	486	23	23	8	79				
2011 Mar 22						32			4	4	493	24	24	8	75				
2011 Mar 23						31			4	4	477	24	23	8	72				
2011 Mar 24						32			4	5	467	22	27	8	68				
2011 Mar 25											484			8	64				
2011 Mar 26											458			7	66				
2011 Mar 27						30			4	4	469	23	25	7	64				
2011 Mar 28						31			7	7	469	41	38	8	66				
2011 Mar 29						30			5	10	453	26	54	8	70				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2011 Mar 30						29			8	16	485	47	93	7	68	0			
2011 Mar 31						27			7	11	481	42	63	7	70				
2011 Apr 01											505			7	70				
2011 Apr 02											480			8	70				
2011 Apr 03						26			5	5	473	30	27	8	72				
2011 Apr 04						27			6	4	461	32	22	7	70				
2011 Apr 05						32			6	6	474	33	32	7	68				
2011 Apr 06						35			6	6	466	35	34	7	70				
2011 Apr 07											469			8	70				
2011 Apr 08											469			7	70				
2011 Apr 09											479			8	73				
2011 Apr 10						54			5	4	517	29	25	7	77				
2011 Apr 11						54			4	5	494	24	28	7	77				
2011 Apr 12						62			4	13	526	27	82	7	73				
2011 Apr 13						62			4	7	524	25	45	8	70				
2011 Apr 14						68			7	9	402	32	42	8	75				
2011 Apr 15											499			8	68				
2011 Apr 16											500			8	70				
2011 Apr 17						72			12	6	506	73	36	8	66				
2011 Apr 18						65			5	5	508	32	29	8	66				
2011 Apr 19						74			7	10	507	41	61	8	66				
2011 Apr 20						67			14	4	501	84	26	8	59				
2011 Apr 21						59			10	7	501	57	43	8	68				
2011 Apr 22											511			8	70				
2011 Apr 23											509			8	73				
2011 Apr 24						66			4	5	526	25	33	8	72				
2011 Apr 25						70			4	4	541	27	26	8	72				
2011 Apr 26	1				90	68			7	12	578	50	83	8	73				
2011 Apr 27						66			15	5	583	105	36	8	72				
2011 Apr 28						66			10	6	548	66	37	8	70				
2011 Apr 29											508			8	70				
2011 Apr 30														7	70				
2011 May 01						66			4	9	489	25	52	7	72				
2011 May 02						68			7	4	504	42	24	7	73				
2011 May 03						76			8	10	499	49	60	7	68				
2011 May 04						76			5	7	502	30	41	7	68				
2011 May 05						84			11	4	480	63	23	7	64				
2011 May 06											437			8	73				
2011 May 07											537			8	75				
2011 May 08						94			14	5	475	80	27	8	75				
2011 May 09						97			12	24	415	60	120	8	75				
2011 May 10						99			20	10	536	129	64	8	82				
2011 May 11						100			35	5	507	213	32	8	84				
2011 May 12						98			17	8	543	111	52	8	82				
2011 May 13											574			8	81				
2011 May 14											536			7	64				
2011 May 15						86			20	65	523	126	408	8	68				
2011 May 16						91			31	6	562	209	43	7	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2011 May 17						97			41	6	536	264	41	7	77				
2011 May 18						110			71	9	568	484	60	7	70				
2011 May 19						110			48	5	537	310	31	7	73				
2011 May 20											448			8	75				
2011 May 21											358			7	77				
2011 May 22	9				27	120			29	8	402	140	39	8	77				
2011 May 23						120			34	10	488	199	59	8	82				
2011 May 24						110			33	9	458	181	48	8	81				
2011 May 25						110			50	8	536	322	49	8	79				
2011 May 26						110			87	26	537	561	168	8	78				
2011 May 27											531			8	68				
2011 May 28											567			7	73				
2011 May 29						100			24	9	561	161	62	8	77				
2011 May 30						100			20	6	476	114	32	8	84				
2011 May 31						100			4	6	484	23	33	7	79				
2011 Jun 01						110			10	10	557	67	67	8	79				
2011 Jun 02						110			4	4	525	25	25	8	86				
2011 Jun 03											593			8	86				
2011 Jun 04											403			8	88				
2011 Jun 05						120			7	18	420	35	91	8	88				
2011 Jun 06						120			4	16	420	20	81	8	89				
2011 Jun 07						120			11	10	508	67	61	8	88				
2011 Jun 08						110			15	5	634	114	37	8	90				
2011 Jun 09						100			4	19	620	30	141	8	85				
2011 Jun 10											571			8	82				
2011 Jun 11											490			8	80				
2011 Jun 12						100			4	4	569	27	27	8	81				
2011 Jun 13	1	1			150	100			4	4	620	30	30	8	80				
2011 Jun 14						98			8	4	606	57	32	8	81				
2011 Jun 15						99			4	4	642	31	31	8	79				
2011 Jun 16						99			4	4	615	30	30	8	81				
2011 Jun 17											652			8	81				
2011 Jun 18											644			8	81				
2011 Jun 19						110			8	4	599	55	29	8	84				
2011 Jun 20						120			8	4	616	61	30	8	82				
2011 Jun 21						120			9	4	612	66	29	8	88				
2011 Jun 22						120			12	4	623	90	30	8	79				
2011 Jun 23						120			6	4	680	49	33	8	81				
2011 Jun 24											652			8	79				
2011 Jun 25											583			8	82				
2011 Jun 26						110			6	4	606	44	29	8	84				
2011 Jun 27						120			4	4	590	29	28	8	81				
2011 Jun 28						120			8	4	588	53	28	8	82				
2011 Jun 29						120			5	5	588	34	34	8	84				
2011 Jun 30						110			6	4	668	51	35	8	82	0			
2011 Jul 01											649			8	77				
2011 Jul 02											602			8	86				
2011 Jul 03						110			13	4	624	97	30	8	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2011 Jul 04						110			9	4	624	65	30	7	90				
2011 Jul 05						110			8	7	581	53	47	7	89				
2011 Jul 06						110			9	10	624	64	72	8	88				
2011 Jul 07						110			17	17	721	147	147	8	86				
2011 Jul 08											624			8	86				
2011 Jul 09											538			7	91				
2011 Jul 10						98			12	19	564	81	129	8	91				
2011 Jul 11						93			11	14	538	71	90	8	91				
2011 Jul 12						92			12	16	558	80	107	8	88				
2011 Jul 13						98			15	18	593	107	128	8	90				
2011 Jul 14						110			17	18	622	127	134	8	86				
2011 Jul 15											561			7	89				
2011 Jul 16											559			7	86				
2011 Jul 17	5				520	120			13	21	594	93	150	7	88				
2011 Jul 18						120			10	19	596	72	136	7	86				
2011 Jul 19						120			9	17	592	67	121	7	90				
2011 Jul 20						130			13	16	581	91	112	7	88				
2011 Jul 21						140			13	18	590	92	127	7	90				
2011 Jul 22											605			8	94				
2011 Jul 23											605			8	94				
2011 Jul 24						140			11	27	591	-78	192	8	88				
2011 Jul 25					120	140			9	19	625	64	142	8	88				
2011 Jul 26						140			5	6	698	39	50	8	92				
2011 Jul 27						130			18	9	655	142	69	8	90				
2011 Jul 28						130			4	13	601	29	94	7	88				
2011 Jul 29											592			8	88				
2011 Jul 30											603			8	90				
2011 Jul 31						130			14	9	600	101	66	8	90				
2011 Aug 01						130			8	18	654	64	141	8	90				
2011 Aug 02						140			9	17	690	74	141	8	90				
2011 Aug 03						130			12	28	687	99	231	8	88				
2011 Aug 04						130			13	37	672	105	298	8	88				
2011 Aug 05											651			8	88				
2011 Aug 06											570			8	89				
2011 Aug 07						130			10	34	503	57	205	8	89				
2011 Aug 08						150			12	30	561	81	202	8	88				
2011 Aug 09						180			4	31	619	30	230	8	86				
2011 Aug 10						180			10	32	585	70	225	8	90				
2011 Aug 11						180			14	24	670	113	193	8	88				
2011 Aug 12											732			8	88				
2011 Aug 13											701			8	90				
2011 Aug 14	1					140			4	14	705	34	118	8	85				
2011 Aug 15						130			5	20	661	43	159	8	86				
2011 Aug 16						130			4	12	689	33	99	7	79				
2011 Aug 17						130			13	15	626	98	113	7	86				
2011 Aug 18						140			9	16	550	61	106	7	78				
2011 Aug 19											645			8	88				
2011 Aug 20											729			8	88				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	*F	mg/l	mg/l	mg/l	mg/l
2011 Aug 21					190	100			6	15	738	49	133	8	89				
2011 Aug 22						94			10	12	717	82	103	7	91				
2011 Aug 23						99			9	15	684	72	123	8	82				
2011 Aug 24						100			9	15	656	73	118	8	84				
2011 Aug 25						110			12	14	712	102	120	8	77				
2011 Aug 26											715			7	82				
2011 Aug 27											665			7	85				
2011 Aug 28						120			16	17	644	124	131	7	82				
2011 Aug 29						140			23	33	665	184	263	7	79				
2011 Aug 30						170			61	24	651	477	188	7	84				
2011 Aug 31						170			35	19	690	290	157	7	84				
2011 Sep 01						160			12	15	676	97	122	7	84				
2011 Sep 02											708			8	86				
2011 Sep 03											648			8	86				
2011 Sep 04						140			8	11	634	64	84	8	82				
2011 Sep 05						130			8	11	661	66	87	8	81				
2011 Sep 06						130			10	16	668	79	128	8	83				
2011 Sep 07						130			5	10	666	40	80	7	86				
2011 Sep 08						120			6	12	667	47	96	7	84				
2011 Sep 09											673			7	80				
2011 Sep 10											624			8	88				
2011 Sep 11						120			7	13	601	48	94	8	87				
2011 Sep 12						140			7	12	601	53	87	8	82				
2011 Sep 13						140			8	18	607	61	131	8	82				
2011 Sep 14						120			18	15	613	132	110	7	80				
2011 Sep 15						120			11	15	582	77	105	7	82				
2011 Sep 16											650			8	82				
2011 Sep 17											506			7	78				
2011 Sep 18						130			9	13	523	55	82						
2011 Sep 19	1	4			10	110			6	12	553	38	80	8	79				
2011 Sep 20						96			12	18	572	82	124	8	77				
2011 Sep 21						83			6	13	553	39	86	7	80				
2011 Sep 22						76			12	18	652	94	141	7	7	0			
2011 Sep 23											598			7	76				
2011 Sep 24											564			8	76				
2011 Sep 25						80			16	17	543	117	111	7	77				
2011 Sep 26						94			19	17	540	123	110	8	71				
2011 Sep 27						98			17	10	478	97	57	7	73				
2011 Sep 28						98			22	16	517	136	99	7	78				
2011 Sep 29						96			16	14	570	109	96	7	82				
2011 Sep 30											572	-		7	78				
2011 Oct 01														7	81				
2011 Oct 02						84			27	19	582	188	133						
2011 Oct 03						94					610			8	75				
2011 Oct 04						98			14	16	580	97	111	7	77				
2011 Oct 05						100			10	18	662	78	143						
2011 Oct 06						100			14	15	682	115	123	7	82				
2011 Oct 07											658			7	82				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2011 Oct 08											628			7	80				
2011 Oct 09						95			4	10	619	30	74	7	73				
2011 Oct 10						67			11	13	652	86	102	7	77				
2011 Oct 11						66			7	11	612	48	81	7	81				
2011 Oct 12						60			10	13	589	70	92	7	72				
2011 Oct 13						72			5	12	581	31	84	7	82				
2011 Oct 14											595			7	75				
2011 Oct 15											590			7	75				
2011 Oct 16						69			30	26	573	206	179	7	73				
2011 Oct 17						56			12	15	575	83	104	7	75				
2011 Oct 18						52			24	19	570	164	130	7	75				
2011 Oct 19						56			22	25	567	150	170	7	75				
2011 Oct 20						56			41	31	558	274	207	7	72				
2011 Oct 21											575			7	72				
2011 Oct 22														7	72				
2011 Oct 23	3				10	45			6	16	366	25	70	7	72				
2011 Oct 24						38			14	14	424	71	71	7	82				
2011 Oct 25						32			10	20	503	59	121	7	73				
2011 Oct 26						27			14	20	661	111	159	7	73				
2011 Oct 27						26			10	13	652	78	102	7	70				
2011 Oct 28														7	70				
2011 Oct 29														7	73				
2011 Oct 30						20			19	13	639	146	100	7	72				
2011 Oct 31						17			8	13	641	63	100	7	75				
2011 Nov 01						15			14	11	618	104	82	7	77				
2011 Nov 02						20			9	4	618	68	30	7	78				
2011 Nov 03						37			24	27	569	164	185	7	76				
2011 Nov 04											576			7	78				
2011 Nov 05											574			7	76				
2011 Nov 06						46			12	14	602	87	101	7	77				
2011 Nov 07						66			17	13	613	125	96	7	77				
2011 Nov 08						66			21	11	577	146	76	8	79				
2011 Nov 09						68			20	9	544	130	60	8	79				
2011 Nov 10						68			8	12	494	45	71	8	78				
2011 Nov 11											420			7	71				
2011 Nov 12											410			8	72				
2011 Nov 13						78			9	16	428	45	82	8	78				
2011 Nov 14						72			8	15	433	44	78	8	78				
2011 Nov 15						84			19	19	437	100	100	8	77				
2011 Nov 16						99			50	21	415	249	105	8	70				
2011 Nov 17						100			70	20	461	387	111	8	75				
2011 Nov 18											294			8	75				
2011 Nov 19											461			8	75				
2011 Nov 20						100			12	48	497	72	286	8	74				
2011 Nov 21						81			30	37	520	187	231	8	76				
2011 Nov 22						72			43	48	524	271	302	8	66				
2011 Nov 23						63			18	47	530	114	299	8	73				
2011 Nov 24						56			25	50	530	159	318	8	73				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	1BOD	TSS	Flow	1BOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2011 Nov 25											548			8	80				
2011 Nov 26											553			8	80				
2011 Nov 27	27	5			10	34			52	31	575	359	214	8	80				
2011 Nov 28						34			79	35	561	532	236	8	68				
2011 Nov 29						16			70	29	592	497	206	8	68				
2011 Nov 30						23			110	24	612	808	176	8	54				
2011 Dec 01						25			110	32	576	760	221	8	76				
2011 Dec 02											567			8	75				
2011 Dec 03											576			7	75				
2011 Dec 04						47			40	32	560	269	215	7	75				
2011 Dec 05						52			15	24	655	118	189	7	78				
2011 Dec 06						58			24	22	623	179	165	7	72				
2011 Dec 07						65			21	28	529	133	178	8	74				
2011 Dec 08						92			9	20	549	57	132	8	78				
2011 Dec 09						92			9	20	544	57	131	8	73				
2011 Dec 10											632			7	73				
2011 Dec 11						100			8	17	659	63	134	8	74				
2011 Dec 12	5	5			10	87			11	25	612	81	184	8	75				
2011 Dec 13						120			11	31	590	78	220	8	79				
2011 Dec 14						110			14	14	542	91	91	8	75				
2011 Dec 15						100			12	19	523	75	119	8	73				
2011 Dec 16											514			8	73				
2011 Dec 17											536			8	73				
2011 Dec 18						110			12	10	492	71	59	8	73				
2011 Dec 19						100			10	11	491	57	65	8	79				
2011 Dec 20						110			14	16	475	80	91	8	77				
2011 Dec 21						120			17	16	464	95	89	8	77				
2011 Dec 22						120			17	17	460	94	94	8	75				
2011 Dec 23											512			8	73				
2011 Dec 24											501			8	76				
2011 Dec 25						110			19	18	395	90	85	8	76				
2011 Dec 26						110			21	19	461	116	105	8	66				
2011 Dec 27						100			33	13	484	192	75	8	71				
2011 Dec 28						94			54	18	508	329	110	8	70				
2011 Dec 29						99			24	15	527	152	95	8	72				
2011 Dec 30											542			8	75				
2011 Dec 31											559			8	75				
2012 Jan 01						92			8	22	564	54	149	8	73				
2012 Jan 02						98			8	26	592	59	185	8	70				
2012 Jan 03	5	5			10	94			8	27	656	63	212	8	74				
2012 Jan 04						96			6	27	598	39	194	8	72				
2012 Jan 05						100			8	29	569	55	198	8	70				
2012 Jan 06											560			8	75				
2012 Jan 07											563			8	71				
2012 Jan 08						110			10	36	481	55	208	8	73				
2012 Jan 09						120			7	32	482	41	185	8	77				
2012 Jan 10						120			8	16	497	45	95	8	75				
2012 Jan 11						110			10	9	600	71	63	8	77				

Date	MeCl2	Chloroform	Toluene	Vinyl Chloride	Fecal Coliform	Ammonia	Phenol	Residual Chlorine	tBOD	TSS	Flow	tBOD	TSS	pH	Temp	Diffuser Ammonia	IEPA TSS	IEPA Ammonia	IEPA BOD
	ug/l	ug/l	ug/l	ug/l	# / 100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	gpm	lb / day	lb / day	SU	°F	mg/l	mg/l	mg/l	mg/l
2012 Jan 12						110			7	34	585	47	239	7	75				
2012 Jan 13											636			7	73				
2012 Jan 14											606			8	70				
2012 Jan 15						110			7	31	604	49	225	8	73				
2012 Jan 16						120			8	21	598	58	151	8	75				
2012 Jan 17						110			12	21	605	87	153	8	77				
2012 Jan 18						110			7	15	653	54	118	8	71				
2012 Jan 19						110			7	15	597	52	107	8	71				
2012 Jan 20											296			8	70				
2012 Jan 21											564			8	70				
2012 Jan 22						100			6	17	567	41	116	8	70				
2012 Jan 23						85			8	12	590	53	85	8	73				
2012 Jan 24						13			8	11	583	55	77	8	72				
2012 Jan 25						91			8	6	580	56	42	8	73				
2012 Jan 26						3			6	8	588	40	59	8	74				
2012 Jan 27											589			8	73				
2012 Jan 28											580			8	73				
2012 Jan 29						74			8	13	571	52	89	8	72				
2012 Jan 30						72			6	14	568	38	95	8	73				
2012 Jan 31						76			8	15	581	53	105	7	72				

Exhibit 11

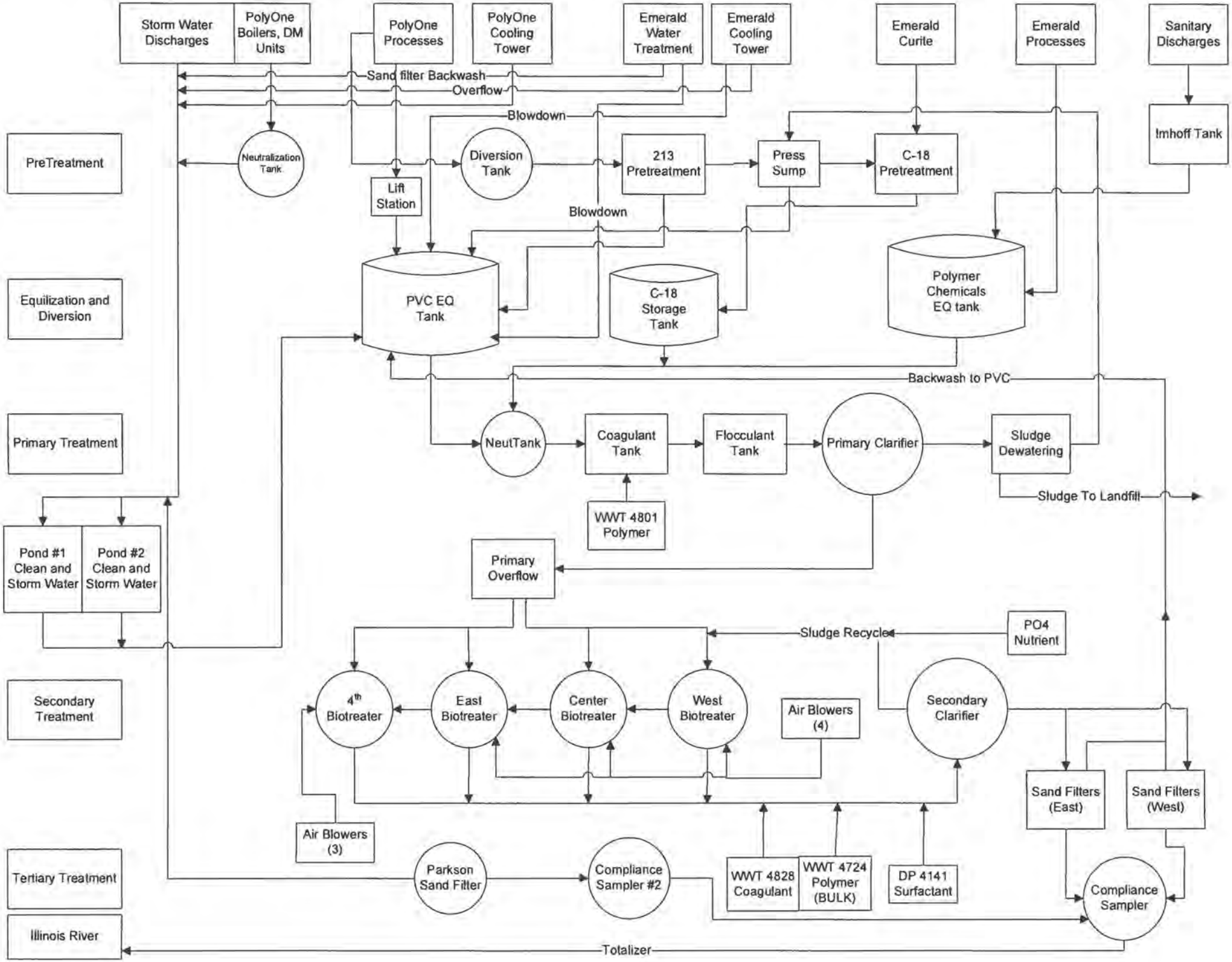

Storm Water Discharges
PolyOne Boilers, DM Units
PolyOne Processes
PolyOne Cooling Tower
Emerald Water Treatment
Emerald Cooling Tower
Emerald Curite
Emerald Processes
Sanitary Discharges
Sand filter Backwash
Overflow
Blowdown
Imhoff Tank
PreTreatment
Neutralization Tank
Diversion Tank
213 Pretreatment
Press Sump
C-18 Pretreatment
Lift Station
Blowdown
Equilization and Diversion
PVC EQ Tank
C-18 Storage Tank
Polymer Chemicals EQ tank
Backwash to PVC
Primary Treatment
NeutTank
Coagulant Tank
Flocculant Tank
Primary Clarifier
Sludge Dewatering
Sludge To Landfill
WWT 4801 Polymer
Pond #1 Clean and Storm Water
Pond #2 Clean and Storm Water
Primary Overflow
Sludge Recycle
PO4 Nutrient
Secondary Treatment
4th Biotreater
East Biotreater
Center Biotreater
West Biotreater
Air Blowers (4)
Secondary Clarifier
Sand Filters (East)
Sand Filters (West)
Air Blowers (3)
Tertiary Treatment
Parkson Sand Filter
Compliance Sampler #2
WWT 4828 Coagulant
WWT 4724 Polymer (BULK)
DP 4141 Surfactant
Compliance Sampler
Illinois River
Totalizer

Exhibit 12

AquAeTer

optimizing
resources | water, air, earth

MEMORANDUM

TO:	**Roy Harsch, Drinker, Biddle, & Reath**
CC:	
FROM:	Mike Corn, P.E. (IL), BCEE and John Michael Corn, P.E.
DATE:	May 10, 2012
JOB NO.:	112048
RE:	**New Ammonia Standards**

The Emerald Performance Materials facility in Henry, Illinois is in the process of re-evaluating the ammonia standard previously set at 155 milligrams per liter (mg/L). The Illinois Environmental Protection Agency (IEPA) has commented that the pH of the Illinois River is now 8.1 or 8.0, depending on the gage utilized. The gages and data referenced by the IEPA are for the period of time from 2006 to 2010, for the Hennepin gage and for the Lacon gage. The Hennepin gage is upstream from the facility in Henry, Illinois. The Lacon gage is downstream from the facility. The pH provided by the IEPA represents the average (mean) of each dataset.

PREVIOUS ANALYSIS

AquAeTer previously analyzed the available data in a 1994 report. This analysis utilized 91 data points for the summer season ranging from April 19, 1978 through August 10, 1994 and 53 data points for the winter season ranging from March 27, 1978 through March 9, 1994. An excerpt from the report is provided in Attachment 1. This analysis was on data that occurred during critical flow events (flows less than harmonic mean flow).

For the ammonia data, the long-term average of 0.297 mg/L was utilized. For the pH and temperature, the 75th percentile of the data was used, as per guidance from IEPA and the USEPA. This resulted in a 75th percentile value for pH of 7.77 standard units (S.U.) and a temperature of 26.0°C.

COMPARISON

As a comparison to the previous analysis, the data provided by IEPA for the period from 2006 through 2010 contained 28 data points for the summer season and 6 points for the winter season. For the summer season, the 50th percentile ammonia was 0.14 mg/L, the 50th percentile pH was 8.12 S.U., and the 50th percentile temperature was 20.79°C. For the winter season, the 50th percentile ammonia was 0.20 mg/L, the 50th percentile pH was 8.09 S.U., and the 50th percentile temperature was 5.47°C.

In order to compare the previous dataset with the more recent dataset, all data available were utilized, without regards to the flow condition at the time of the data collection. A comparison of the analyses is presented in Table 1. A summary of the temperature and pH data available for the Hennepin gage reported by the United States Geological Survey (USGS), IEPA, and STORET database are presented in Figures 1 and 2, respectively.

It appears that there are fewer datapoints at lower pH values in the new dataset, compared to the previous dataset analyzed. The prior guidance from the IEPA and USEPA recommended using the 75th percentile for the pH and temperature data. However, the most recent communication indicates that the average, or 50th percentile should be used. We have provided both values for each dataset in Table 1.

RECOMMENDATION

AquAeTer would recommend performing the analysis on the entire available dataset. Unless there is a technical reason to amend the data, we would recommend utilizing the entire dataset. Reasons to only use the more recent data would be a change in hydrologic conditions, or other changes to the waterbody.

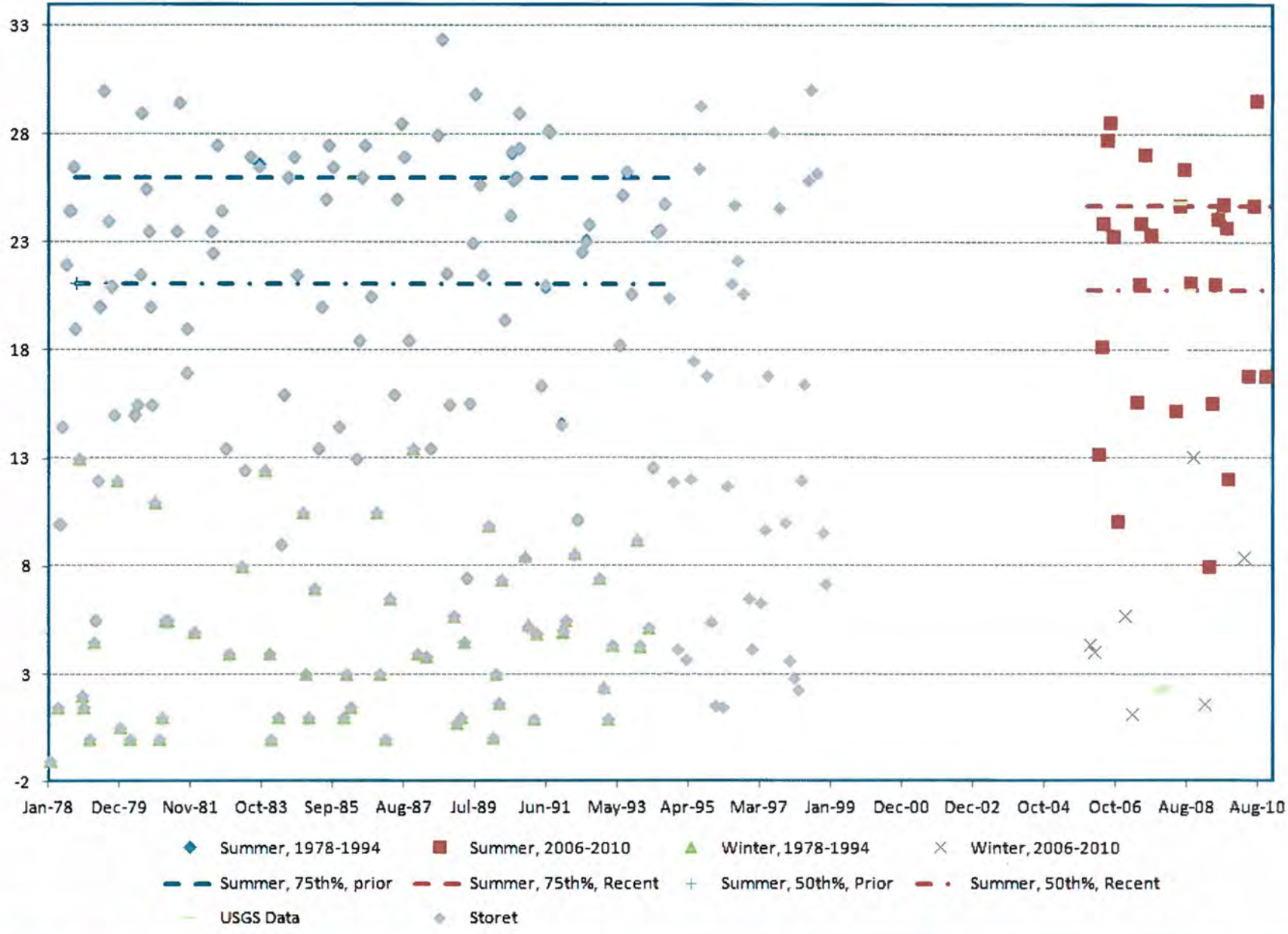
With the recommend pH values and the temperature data provided, the dispersion required to meet the acute ammonia standard is within the available dispersion, based on diffuser performance testing. Utilizing the new projected ammonia limit with the analysis on the entire background dataset, the dispersion required to meet the acute standard is 11.5:1 and to meet the chronic standard is 68.1:1. The multi-port diffuser achieves a dispersion of 39.7:1 in the zone of initial dilution (AquAeTer 2005) and a dispersion of 239.2:1 at a distance of 553 feet downstream. There is no indication from the permit that there was an established limit on the total mixing zone. The Illinois regulations allow up to 25% of the cross-sectional area or volume of the river, with a total surface area limit of 26 acres. The area required for the chronic mixing zone would be less than 26 acres and less than 25% of the cross-sectional area/volume of the river.

If you should have questions or comments concerning our assessment, please call us at (615) 373-8532 or by FAX at (615) 373-8512 or by e-mail at jmcorn@aquaeter.com or mcorn@aquaeter.com.

TABLE I. COMPARISON OF ANALYSES

PARAMETER	STATISTIC	SUMMER			WINTER		
		AQUAETER, 1994 (1977 - 1994)	2006-2010 PERIOD	ALL AVAILABLE	AQUAETER, 1994 (1977 - 1994)	2006-2010 PERIOD	ALL AVAILABLE
pH	Mean, μ	7.83	8.12	7.97	7.56	8.09	7.83
	75th Percentile	8.10	8.34	8.24	7.84	8.23	8.10
	Count, n	91	28	200	53	7	109
	Standard Deviation, σ	0.41	0.27	0.38	0.50	0.19	0.48
	Lower Limit of 75% Confidence	7.81	8.10	7.96	7.54	8.07	7.82
	Upper Limit of 75% Confidence	7.88	8.17	8.00	7.64	8.17	7.89
Temperature	Mean, μ	21.08	20.79	20.61	4.46	5.47	4.65
	75th Percentile	26.00	24.74	25.43	6.50	7.06	7.05
	Count, n	97	27	206	61	7	116
	Standard Deviation, σ	5.97	5.86	5.83	3.82	4.16	3.85
	Lower Limit of 75% Confidence	20.89	20.43	20.48	4.30	4.97	4.53
	Upper Limit of 75% Confidence	21.78	22.09	21.07	5.02	7.28	5.06
Ammonia	Mean, μ	0.297	0.14	0.25	0.80	0.20	0.67
	Count, n	98	18	149	61	7	83
	Standard Deviation, σ	0.30	0.12	0.30	0.62	0.23	0.59
	Lower Limit of 75% Confidence	0.29	0.13	0.25	0.77	0.17	0.65
	Upper Limit of 75% Confidence	0.33	0.17	0.28	0.89	0.30	0.74
Ammonia Standard	Acute, using 50th Percentile	11.54	6.72	8.94	18.02	7.04	11.44
	Acute, using 75th Percentile	6.95	4.34	5.27	11.30	5.46	6.95
	Chronic, using 50th Percentile	2.01	1.36	1.72	4.12	2.12	5.77
	Chronic, using 75th Percentile	1.00	0.74	0.83	3.03	1.72	3.40
Ammonia Variance - Dispersion Required, Effluent = 155 mg/L from Emerald, 126 mg/L combined							
	Acute, using 50th Percentile	11.2	19.1	14.5	7.3	18.4	11.6
	Acute, using 75th Percentile	18.9	29.9	25.1	11.9	23.9	19.9
	Chronic, using 50th Percentile	73.3	102.5	85.6	37.8	65.4	24.6
	Chronic, using 75th Percentile	178.8	210.0	218.9	56.2	82.4	45.9

Note: Dispersion achieved within zone of initial dilution (acute mixing zone) was 39.7:1.
Dispersion achieved at 1,090 feet downstream from diffuser was 299.9:1.



AquAeTer

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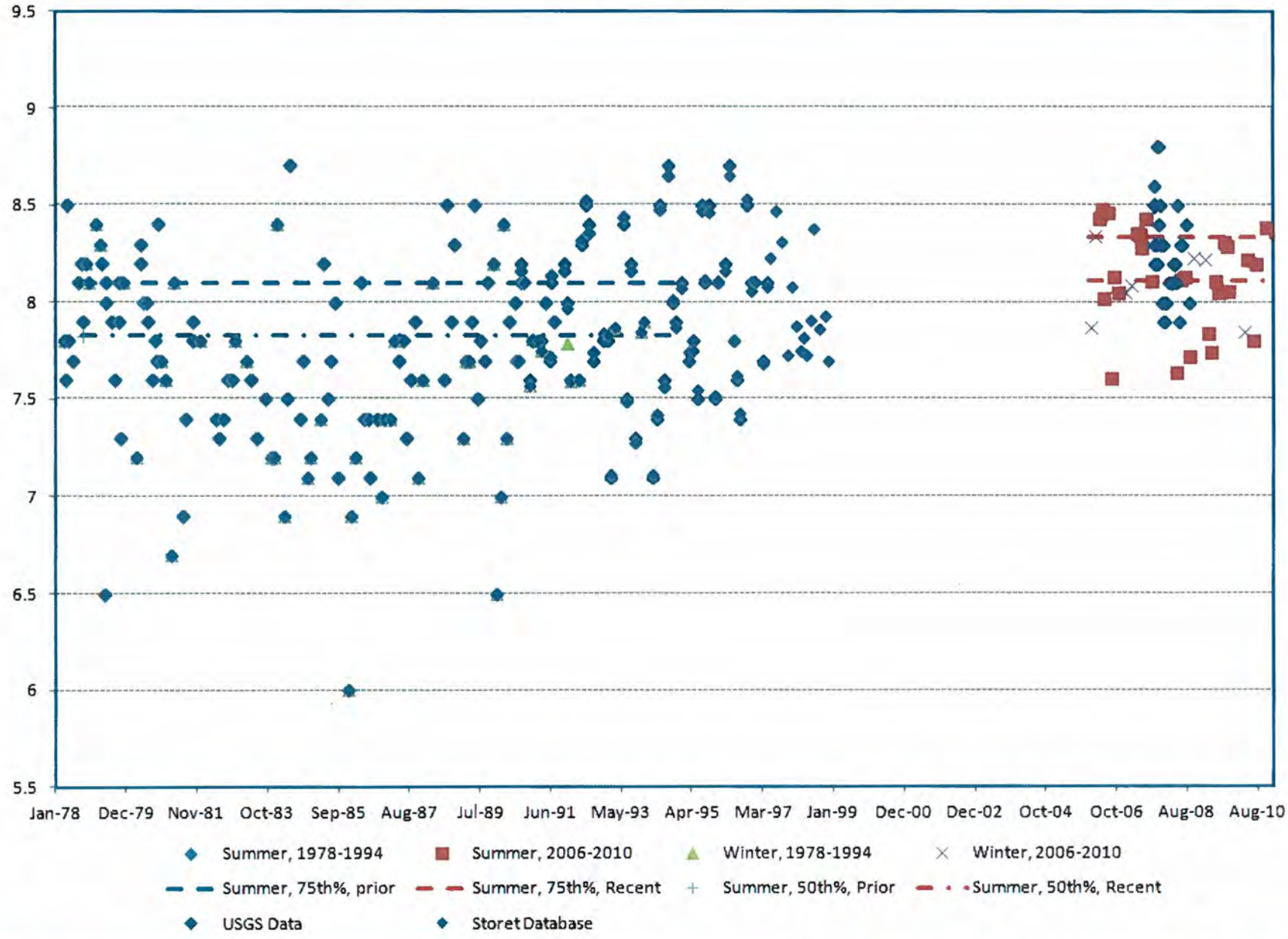
CLIENT: Emerald Performance Materials
LOCATION: Henry, Illinois
PROJECT/FILE: 112048

FIGURE 1. TEMPERATURE DATA FOR THE ILLINOIS RIVER NEAR HENNEPIN, ILLINOIS



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CLIENT: Emerald Performance Materials
LOCATION: Henry, Illinois
PROJECT/FILE: 112048

FIGURE 2. pH DATA FOR THE ILLINOIS RIVER NEAR HENNEPIN, ILLINOIS

Exhibit 13

501 Great Circle Road, Suite 150
Nashville, Tennessee 37228
Tel: 615-255-2288
Fax: 615-256-8332
www.brownandcaldwell.com

August 27, 2012

Brown AND Caldwell

Privileged and Confidential-Attorney/Client Work Product

Roy M. Harsch
Drinker, Biddle & Reath LLP
191 North Wacker, Suite 3700
Chicago, IL 606-1698

140975

Subject: Ammonia-Nitrogen Treatment Alternatives For Emerald Performance Materials, LLC-Henry, IL Plant

Dear Mr. Harsch:

In November 2004, the Illinois Pollution Control Board (PCB) adopted an Opinion and Order in AS 02-5 that granted Noveon an adjusted standard from the ammonia water quality standard and established a daily maximum effluent limitation of 155 milligrams per liter (mg/L) that was contingent upon several conditions. Subsequently, Emerald Performance Materials LLC (Emerald) purchased the Henry Plant from Noveon and continues to operate it pursuant to a National Pollutant Discharge Elimination System (NPDES) Permit which incorporates the conditions imposed in the PCB Order.

One of these conditions was that Emerald continue to investigate production methods and technologies that contribute less ammonia to Emerald's discharge into the Illinois River. Where practical, Emerald must substitute current methods or technologies with new ones so long as the substitution generates less ammonia in Emerald's discharge. It should be noted that most of the effluent ammonia discharged originates as influent organic nitrogen that is bio-hydrolyzed to ammonia during the treatment provided in the onsite wastewater treatment facility (WWTF). Organic nitrogen compounds serve as building blocks for Emerald products and therefore are used throughout the production processes. Consequently, this evaluation focused on both influent Total Kjeldahl Nitrogen (TKN) and ammonia loading.

Brown and Caldwell (BC) was involved in the effort to obtain the relief in AS 02-5. The existing chemical processes at the Henry Plant and their associated waste streams were evaluated. After this evaluation, it was determined that there were no economically feasible treatment alternatives that would reliably reduce the effluent ammonia-nitrogen (NH_3-N) concentrations to comply with the effluent limitations set forth by the PCB. BC previously prepared a report which was used as an exhibit in AS 02-5 and testified in support of the requested relief. The PCB accepted in large part the results of the work as the basis for the relief it granted. The purpose of this letter is to revisit this determination and see what (if any) changes have occurred since 2004.

Reductions in Influent and Effluent NH_3-N Loads

A comparison of the influent and effluent NH_3-N loadings from 2002 and 2011 are presented in Tables 1 and 2. Minimal sampling of the influent (3 samples) indicates that the influent nitrogen loading may have increased. Furthermore, the very limited data indicate that the influent TKN loading may have shifted from the PC Tank to the

PVC Tank discharge. This influent data for TKN and NH_3-N are likely not representative as they stand in contrast to the much more extensive influent chemical oxidation demand (COD) and effluent NH_3-N data available. Extensive sampling (5 or more days per week) indicates that the influent COD loads summarized in Table 1 have decreased by 38 percent and effluent NH_3-N loads summarized in Table 2 have decreased by 48 percent. These decreases are thought to be due to lower COD and TKN loads being discharged through the PC Tank to the influent to the WWTF. This reduction has been attributed to the shutdown of X70 and Geltrol, much lower production of OBTS (2 months every 3 months versus weekly before), much lower production of C-18 (2 weeks every quarter versus monthly before), and improved recovery in the tertiary butyl amine (TBA) column.

Table 1. Influent Wasteloads Used in Developing Treatment Alternatives

Parameter	PVC Tank	PC Tank	C-18 Tank	Holding Pond/Well No. 3	Total
Flow Rate, gpm					
2002 Average	401	107	6	46	560
2002 Peak	499	150	15	105	769
2011[a] Average	345	72	3	118	538
2011[a] Peak	400	94	3	154	652
SCOD, lbs/day					
2002 Average	2650	8280	1320	50	12300
2002 Peak	4330	10840	2940	50	18160
2011 Average	2514	4396	776	Not Analyzed	7685
2011 Peak	6532	7711	1258	Not Analyzed	15500
Estimated BOD, lbs/day					
2002 Average	795	2485	395	15	3690
2002 Peak	1300	3250	880	15	5445
2011 Average	754[a]	1319[a]	233[b]	Not Analyzed	2305
2011 Peak	1960[a]	2313[a]	377[b]	Not Analyzed	4650
TKN, lbs/day					
2002 Average	459	494	82	3	1038
2002 Peak	640	693	198	7	1538
2011 Average	1091	287	63	3	1443
2011 Peak	1296	612	74	5	1987

Table 1. Influent Wasteloads Used in Developing Treatment Alternatives

Parameter	PVC Tank	PC Tank	C-18 Tank	Holding Pond/Well No. 3	Total
NH_3-N, lbs/day					
2002 Average	295	62	27	1	385
2002 Peak	411	87	66	3	567
2011 Average	235[b]	8	21[c]	1[c]	265
2011 Peak	469[b]	8	25[c]	2[c]	504

[a] For period of March 2010 to February 2011 for flow and COD data. TKN and NH_3-N data were gathered during a 3-day period of June 29 through July 1, 2011.

[b] Values estimated based on prior BOD/COD ratio of 0.3. [c] Value estimated for C-18 based upon previous NH_3-N/TKN ratio. Value estimated for PVC Tank by calculation using available PVC lift station and side stream data.

Table 2. Effluent Wasteloads Used in Developing Treatment Alternatives

Parameter	Effluent Value
Flow Rate, gpm	
2002 Average	560
2002 Peak	769
2011[a] Average	538
2011[a] Peak	652
NH_3-N, lbs/day	
2002 Average	909
2002 Peak	1408
2011 Average	473
2011 Peak	940

[a] For period of March 2010 to February 2011.

Changes in WWTF Operations

The WWTF has made the following changes since 2002.

1. Implemented carbon dioxide (CO_2) addition plus 400 gallons per day (gpd) of 98 percent sulfuric acid to PC Tank versus prior use of acid only.
2. Synthetic flocculent addition only in primary treatment versus prior ferric chloride and anionic flocculent additions.
3. Synthetic flocculent and synthetic coagulant additions in secondary treatment versus prior alum and anionic flocculent additions.

4. Operation of West and North biotreaters now versus prior operation of East and Center biotreaters also (1.3 million gallons versus 1.9 million gallons of prior biotreater volume).

These changes appear not to have caused any appreciable change in effluent quality based on the average effluent biochemical oxygen demand (BOD) and COD remaining at approximately 8 mg/L and 370 mg/L, respectively, from 2002 through 2011. Recent sampling indicates that the effluent NH_3-N and TKN continue to remain comparable (within 10 percent of each other) indicating near complete hydrolysis of organic nitrogen.

The WWTF still operates at conditions that would promote biological nitrification (Mean Cell Residence Time greater than 30 days, mixed liquor temperatures and dissolved oxygen (DO) concentrations of 80 to 96 degrees Fahrenheit and 1.5 to 4.5 mg/L DO, respectively, effluent alkalinity of greater than 150 mg/L, and effluent orthophosphate-phosphorus concentrations of greater than 0.5 mg/L). The lack of nitrification continues to be due to bio-inhibition to nitrifying bacteria as discussed in Attachment A. This inhibition prevents nitrification of the primary clarifier effluent even after 16-fold dilution with "inhibition free water". This inhibition would also require the secondary clarifier effluent to be diluted 5-fold to promote inhibition free nitrification. This finding of significant nitrification inhibition is consistent with our prior evaluations. This inhibition has been largely attributed to the presence of mercaptobenzothiazole in the wastewater. This compound is the building block for the products made at the Emerald plant and has a published nitrification threshold of less than 3 mg/L[1]. The presence of this inhibitor and the complex nature of the Henry Plant influent wastewater render nitrification alternatives for effluent NH_3-N control at the Henry Plant not reliable.

Previously Considered Treatment Alternatives

Numerous treatment alternatives were previously considered for reduction of effluent NH_3-N[2]. All but three of these alternatives were reconsidered. Nitrification alternatives were not reconsidered due to their prior poor economic viability and the continued presence of significant nitrification inhibition, which made these treatment alternatives of questionable reliability. The reconsidered alternatives are listed below, illustrated in Attachment B, redefined in terms of impact and costs in Attachment C, and discussed in terms of reliability in Attachment D.

- Alkaline air stripping of PC Tank contents with off-gas collection and treatment (prior Treatment Alternative No. 1 or No. 1)
- Alkaline air stripping of PVC Tank contents (No. 2)
- Alkaline air stripping of secondary clarifier effluent (No. 3)
- Struvite ($NH_4MgPO_4 \cdot 6H_2O$) precipitation from combined influent (No. 4)
- Breakpoint chlorination of secondary clarifier effluent (No. 5)
- Ion exchange treatment of final effluent (No. 8)
- Ozonation of final effluent (No. 9)

---

1 Journal of Water Pollution Control Federation, Volume 48, 1976 by M.R. Hockenbury and C.P.L. Grady.

2 Ammonia-Nitrogen Treatment Alternatives Support Exhibit developed by Brown and Caldwell on May 17, 2002 and held by Illinois Pollution Control Board.

Costs that had been developed in the prior document were scaled by a series of factors to produce equivalent costs for 2011. Emerald provided current costs for labor, electricity, sodium hydroxide, sulfuric acid, and phosphoric acid. Costs for magnesium hydroxide, hydrochloric acid, and chlorine gas were obtained from Brenntag, a national chemical supplier. A cost for resin was obtained from Dow Chemical. The cost of natural gas was taken from an industry average. All remaining costs were updated for inflation using Engineering News Record (ENR) Construction Indices.

After making adjustments for 2011, quantities were scaled based upon loading. All capital costs, equipment costs, and power requirements were updated using the Rule of Six-Tenths[3] and the loading corresponding to the alternative. Chemical and resin costs were assumed to be directly proportional to the corresponding loading. Each item was then scaled using a ratio of the loadings from 2011 and 2002. Table 3 below indicates the loading corresponding to each alternative.

Table 3. Loading Scales for Treatment Alternatives

Alternative Number	Loading Used for Scaling
1	PC Tank Flow Rate
2	PVC Tank Flow Rate
3	Effluent Flow Rate
4	Influent NH_3-N
5	Effluent NH_3-N
8	Effluent Flow Rate, Effluent NH_3-N
9	Effluent TKN

For alternatives involving stripping (Nos. 1, 2, and 3), the loading used for scaling is flow rate because the amount of aeration and quantity of chemicals are both directly proportional to the volume of water treated. For struvite precipitation (No. 4), the loading used for scaling is influent NH_3-N because NH_3-N is precipitated from the influent as struvite. For breakpoint chlorination (No. 5), the loading used for scaling is effluent NH_3-N because NH_3-N is removed as nitrogen gas after reacting with chlorine. For ion exchange (No. 8), the loading used for scaling is based upon both effluent flow and effluent NH_3-N. Ion exchange scales with flow because it is based upon the volume of water treated. However, the quantity of hydrochloric acid used for regeneration of the resin scales with effluent NH_3-N. Finally, ozonation (No. 9) scales with effluent TKN because both NH_3-N and organic nitrogen are oxidized by ozone.

A summary of conceptual level comparative capital costs for each of these alternatives is provided in Table 4. The total costs presented in this table are considered accurate to within ±50 percent.

[3] "Six-tenths Factor Applies to Complete Plant Costs", C.H. Chilton, Chemical Engineering, Volume 57, No. 4, page 112, 1959.

Table 4. Capital Cost Estimates For Treatment Alternatives

Cost Components	Upgrade Cost in Millions of Dollars for Treatment Alternative Number						
	1	2	3	4	5	8	9
Pretreatment	0.71	0.13	--	0.06	--	--	--
Primary Treatment	--	--	--	--	--	--	--
Secondary Treatment	--	--	--	--	--	--	--
Tertiary Treatment	--	--	5.7	--	0.70	0.77	6.35
Sub-total	0.71	0.13	5.7	0.06	0.70	0.77	6.35
Site work/Interface Piping	0.11	0.01	0.43	0.01	0.10	0.12	0.28
Electrical/Instrumentation	0.27	0.20	0.54	0.18	0.24	0.32	0.69
Contractor Indirects (8%)	0.06	0.01	0.45	0.00	0.06	0.06	0.51
Engin./Constr. Mgmt (18%)	0.13	0.02	1.02	0.01	0.13	0.14	1.1
Performance Bonds (1%)	0.007	0.001	0.057	0.001	0.007	0.008	0.063
Sub-total	1.3	0.37	8.2	0.26	1.2	1.4	9.0
Contingency (15%)	0.19	0.06	1.2	0.04	0.19	0.21	1.4
Total Installed Cost	1.5	0.43	9.4	0.30	1.4	1.6	10.4

A summary of conceptual level operations and maintenance costs for each of these alternatives is provided in Table 5. The total costs presented in this table are considered accurate to within ±50 percent.

Table 5. Annual Operating and Maintenance Cost Estimates for Treatment Alternatives

Cost Components	Annual O/M Costs in Thousands of Dollars for Treatment Alternative Number						
	1	2	3	4	5	8	9
Labor ($40/hr)	32	32	60	8.0	60	60	30
Electrical ($0.039/kWh)	33	18	136	0.2	2	6	886
Natural Gas ($0.06/therm)	12	0.0	0.0	0.0	0.0	0.0	0.0
Chemicals (Plant Costs)	393	3,259	1,428	1,294	1,460	309	471
Resin Replacement ($215.50/CF)	0.0	0.0	0.0	0.0	0.0	302	0.0
Off-Site Disposal[a]	0.0	0.0	0.0	0.0	0.0	36	0.0
Maintenance Materials[b]	18	2.5	142	0.8	18	19	159
Sub-total	488	3,311	1,766	1,303	1,539	733	1,545
Contingency (10%)	48.8	331	177	130	154	73	155
Total Annual	536	3,643	1,942	1,433	1,692	806	1,699

[a] Cost of disposing spent regenerant containing 29.7 percent by weight NH_4Cl (8 percent N) assumed to be $0.14/gallon. Does not include costs of excess sludge disposal from Alternative No. 4.

[b] Based on 5 percent equipment costs.

A comparison of alternatives with respect to total annual costs and ammonia removal is provided in Table 6.

Table 6. Comparison of Total Annual Costs and Ammonia Removal for Treatment Alternatives

Components	Total Annual Costs in Thousands of Dollars						
	1	2	3	4	5	8	9
NH_3-N Removal, lbs/day	7	212	449	88	464	464	464
NH_3-N Removal, %	2	45	95	19	98	98	98
Total Annual Costs							
Capital [a]	177	52	1131	36	171	196	1248
O/M [b]	403	4176	2227	1643	1940	924	1948
Total	580	4228	3357	1678	2111	1121	3196
Total, $/lb NH_3-N removed	227	55	20	52	12	6.6	19

[a] *Based on a 10-year period, 3.5 percent annual interest and no salvage value.*

[b] *Based on 10 year period and 3.0 percent inflation rate.*

The minimum total annual cost for a 98 percent reduction in effluent NH_3-N is $1,121,000 per year at $6.60/lb NH_3-N removed provided under Alternative 8. If 25 percent reduction were provided under Alternative 8, the total annual cost would be $343,000 per year at a cost of $8.10/lb NH_3-N as described in Attachment C.

New Treatment Technologies

Since 2004, several new treatment technologies have become demonstrated, which could provide effluent NH_3-N reduction at the Henry Plant. However, none of these technologies are as economically viable as the ones discussed above.

CASTion Ammonia Recovery Process (ARP)

This process removes ammonia by combining stripping with ion exchange. The waste stream is first conditioned to volatilize ammonia for capture by vacuum distillation. Subsequently, the waste stream is exposed to an ion exchange resin. This process is more costly to build and operate than the separate alkaline air stripping and ion exchange alternatives considered above.

Ostara Pearl

The Ostara Pearl process recovers nutrients from wastewater, including phosphorus and nitrogen containing compounds, and, subsequently, combines these nutrients with magnesium hydroxide to precipitate struvite. Ostara Pearl is simply struvite precipitation that has been considered above under a proprietary name.

Liqui-Cel Membrane

The Liqui-Cel Membrane uses a membrane module to separate ammonia from a waste stream. The ammonia is then converted to ammonium salt. Since stripping is part of the process, the Liqui-Cel Membrane similarly requires a pH of greater than 10. As previously determined with alkaline air stripping, pH control would be required to elevate

pH for stripping and lower pH for effluent discharge. Additionally, the Liqui-Cel Membrane requires a temperature of 40 to 55 degrees Celsius. The power requirements to heat the waste stream would be expensive. The overall costs and impact would not be as viable as alkaline air stripping alternatives considered above.

Anammox

Anammox is a biological process that removes ammonia through anaerobic biological treatment. These systems are more subject to process upsets than aerobic biological nitrification that was discounted at the Henry Plant due to the presence of known bio-inhibitors and the complexity of site-wide wastewaters.

Anodic Oxidation

Anodic oxidation is capable of removing ammonia from waste streams by electrochemical oxidation. By applying a current to the wastewater, ammonia is removed by deposition on the anode. In order to achieve anodic oxidation at the Emerald facility, the power cost alone would be at least $5 million annually. In addition, significant capital would be required to outfit the facility for this process. Finally, this process has only been proven to remove ammonia at the bench-scale; no full-scale facility currently exists.

Please call me at 615-250-1220 to discuss this report at your convenience.

Very truly yours,

Brown and Caldwell

T. Houston Flippin

T. Houston Flippin, P.E., BCEE
Industrial Wastewater Process Leader

MEM:hyr

Attachments (4)

1. Attachment A: Nitrification Testing
2. Attachment B: Alternative Process Flow Schematics
3. Attachment C: Cost Analysis for Treatment Alternatives
4. Attachment D: Reliability Comparison

Limitations:

This document was prepared solely for Emerald Performance Materials in accordance with professional standards at the time the services were performed and in accordance with the contract between Emerald Performance Materials and Brown and Caldwell on April 5, 2011. This document is governed by the specific scope of work authorized by Emerald Performance Materials; it is not intended to be relied upon by any other party except for regulatory authorities contemplated by the scope of work. We have relied on information or instructions provided by Emerald Performance Materials and other parties and, unless otherwise expressly indicated, have made no independent investigation as to the validity, completeness, or accuracy of such information.

Attachment A: Nitrification Testing

Brown AND Caldwell

501 Great Circle Road Suite 150
Nashville, Tennessee 37228
Tel: 615-255-2288
Fax: 615-256-8332

Technical Memorandum

Privileged and Confidential-Attorney/Client Work Product

Prepared for: Emerald Performance Materials

Project Title: Renewal of Adjustment Standard

Project No: 140975

Technical Memorandum

Subject: Nitrification Testing

Date: July 7, 2011

To: Mike Strabley, HSE Manager

From: T. Houston Flippin, P.E., DEE

Copy to: Steve McGuire, P.E.

Prepared by: Michael Mecredy

Michael Mecredy, Project Engineer

Reviewed by: Steve McGuire

Steve McGuire, Project Manager

Reviewed by: T. Houston Flippin

T. Houston Flippin, P.E., DEE, Industrial Wastewater Process Leader

1. Introduction

1.1 Background

The combined wastewater generated at the Emerald Performance Materials- Henry Plant has historically contained high concentrations of Total Kjeldahl Nitrogen (TKN) and ammonia-nitrogen (NH_3-N), as well as a known nitrification-inhibiting compound, mercaptobenzothiazole (MBT). This known inhibitor is the compound that serves as the foundational building block of essentially all products at the Henry Plant. Several bench-scale tests have previously been performed to evaluate the viability of nitrification of both the principal wastewaters (PVC Tank and PC Tank discharges) that comprise the primary clarifier influent and the secondary clarifier effluent. On all previous occasions, nitrification has been inhibited, despite sufficient nutrients, and carefully controlled pH, alkalinity, orthophosphate-phosphorus (PO_4-P) and dissolved oxygen (DO) concentrations.

Emerald personnel collected the following samples on May 30, 2011.

- One-gallon sample of Return Activated Sludge (RAS)
- One-gallon sample of Primary Effluent
- One-gallon sample of Secondary Effluent
- One-gallon sample of PC Tank

All samples, except RAS, were kept under refrigeration until treatability testing was performed. The RAS was mixed and aerated until testing, and deionized water was added, as necessary, to maintain volume.

1.2 Scope of Work

In order to determine the extent to which the wastewaters are inhibitory to nitrification, three Fed Batch Reactor (FBR) tests were performed. Table 1 below provides the general setup for the three tests.

Table 1. Testing Set-up

Test	Type	Biomass	Wastewater
Test 1	FBR	Nitrifiers [a]	Tap Water with NH_4Cl
Test 2	FBR	Nitrifiers [a]	Secondary Effluent
Test 3	FBR	RAS [a] + Nitrifiers [a]	Primary Effluent

[a] *Washed with Total Dissolved Solids (TDS)-adjusted tap water to remove any soluble inhibitory compounds.*

The first test was a control containing pure culture nitrifiers designed to obtain an uninhibited nitrification rate. The second test investigated the extent to which the secondary effluent is inhibitory to nitrification. The third test evaluated the extent to which the primary effluent is inhibitory to nitrification.

2. Results

2.1 Characterization

The samples provided by Emerald Performance Materials were characterized and the results are shown below in Table 2.

Table 2. Characterization of Samples

Parameter	Primary Clarifier Effluent	Secondary Clarifier Effluent
TCOD, mg/L	1,653	350
FCOD, mg/L	1260	Not Analyzed
TSS, mg/L	155	14
VSS, mg/L	137	8
NH_3-N, mg/L	49	113
PO4-P, mg/L	0	0
Alkalinity, mg/L as $CaCO_3$	1,000	500

A comparison of the NH_3-N results indicates that significant quantity of organic nitrogen is converted to NH_3-N at the Henry Plant, which has always been the case. The effluent alkalinity is sufficient to support nitrification and absent inhibition, with an effluent alkalinity much greater than 150 mg/L. The primary and secondary clarifier effluents contained inadequate PO_4-P to support unhindered biological treatment on May 30, 2011. Samples were supplemented with phosphorus prior to testing. There was a higher nitrogen loading in the secondary effluent.

2.2 Fed Batch Reactor (FBR) Testing

During a FBR test, a wastewater is fed to a batch reactor with a fixed biomass population. This configuration allows for the fraction of wastewater in the beaker to increase over time. Thus, the nitrification rate as well as the fraction of wastewater inhibitory to the biomass can be ascertained from the results.

Alkalinity was added, as necessary, to the wastewaters as sodium bicarbonate ($NaHCO_3$) to provide sufficient alkalinity for complete nitrification. Dipotassium phosphate (K_2HPO_4) was added to provide a total phosphorus concentration of 30 mg/L. The pH in all tests was maintained between 7.0 and 8.5. The DO was maintained above 2.0 mg/L.

The average nitrification rate observed for the control reactor was 0.61 mg N removed per mg volatile suspended solid (VSS) nitrifier per day (mg/mg-day). A nitrification rate in the range of 0.6 mg/mg-day to 1.0 mg/mg-day is typically observed when nitrifying bacteria are uninhibited. Figure A-1 below illustrates the control nitrification rate during the course of the test.

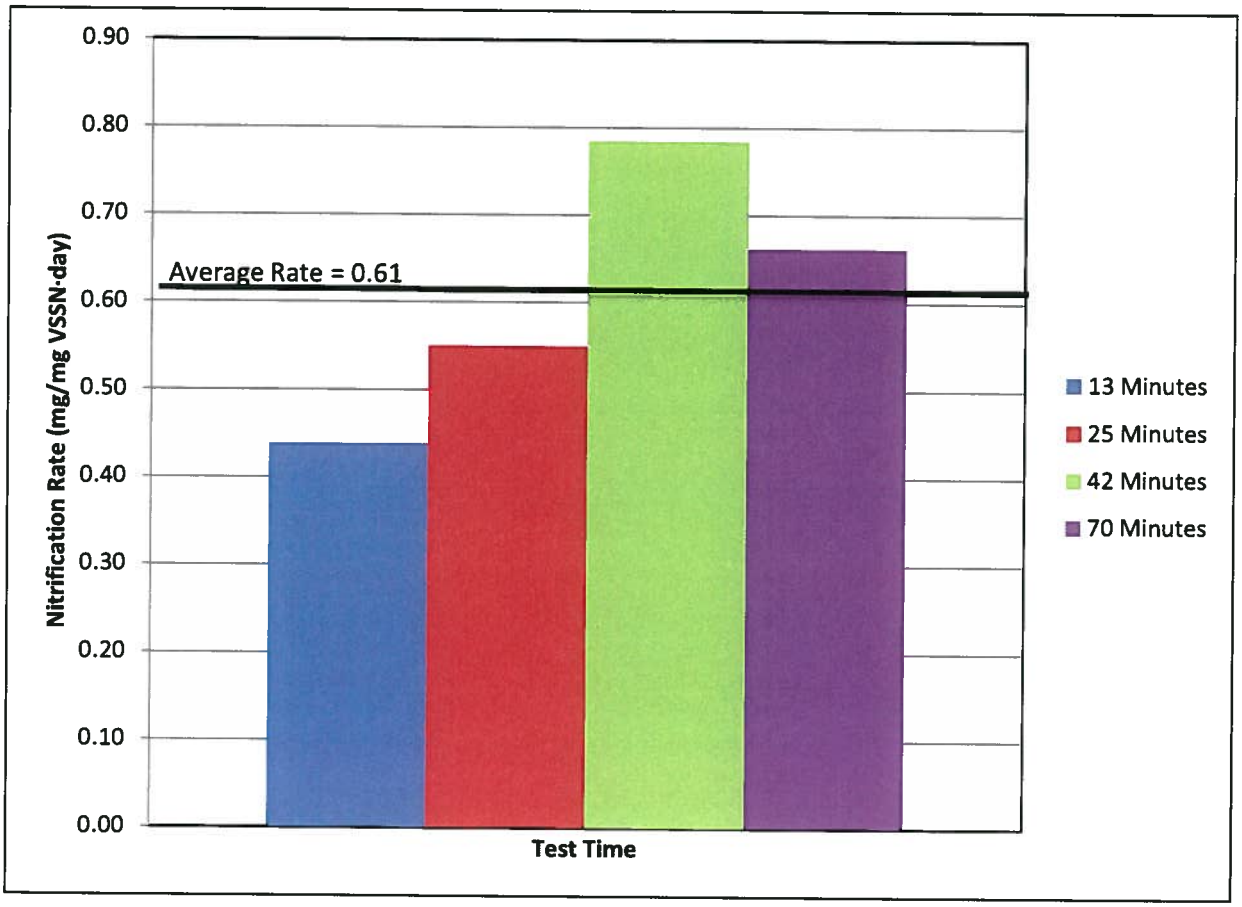


Figure A-1: Control Nitrification Rate as a Function of Time

In contrast, the nitrification rate for the secondary effluent test peaked at 0.46 mg/mg-day at 21 percent secondary clarifier effluent contribution by volume. At 0.46 mg/mg-day, the test may have already been exhibiting inhibition. The nitrification rate dropped during the remainder of the test and reached 0 mg/mg-day by the end of the test when the secondary clarifier effluent contribution reached 95 percent by volume contribution. Figure A-2 below illustrates the nitrification rates during the course of the test.

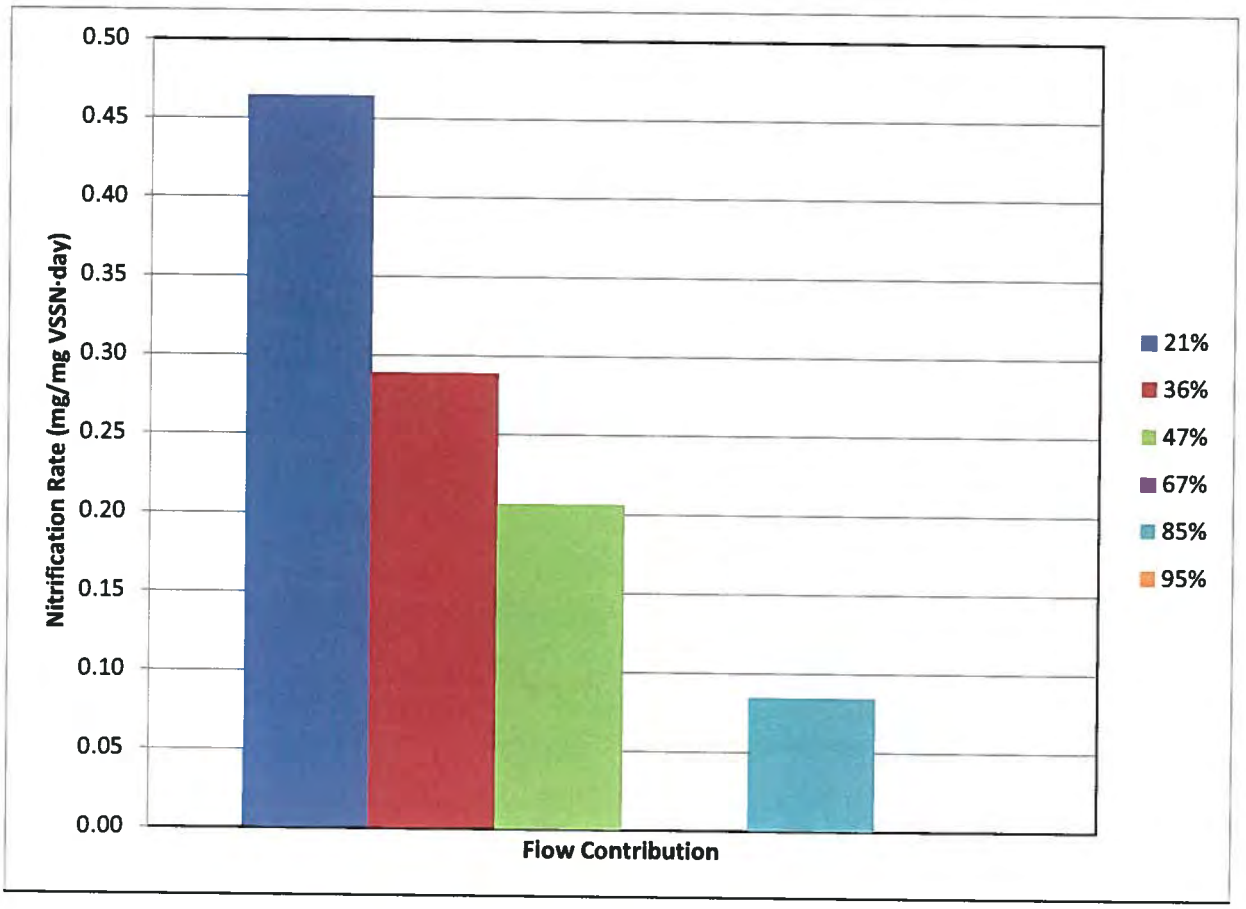


Figure A-2: Nitrification Rate as a Function of Secondary Effluent Flow Contribution

Figure A-2 demonstrates a downward trend toward a zero nitrification rate and indicates that secondary clarifier effluent is inhibitory to nitrification even at low wastewater contribution.

Demonstrating even higher levels of inhibition than the secondary effluent, the primary clarifier effluent test produced a nitrification rate of 0.006 mg/mg-day at 6 percent by volume contribution. In order to corroborate this result, 20-fold washed RAS was combined with pure culture nitrifiers, provided NH_3-N as ammonium chloride in the presence of excess alkalinity and phosphorus, and allowed to aerate overnight. Even with no primary effluent, the observed nitrification rate was 0.06 mg/mg-day. Lastly, the TKN hydrolysis to NH_3-N during the primary clarifier effluent biological treatment test was only 34 percent versus near complete hydrolysis typically being achieved. This may have been due to the test being conducted on a RAS sample that was not freshly collected. Consequently, the FBR test of the primary clarifier effluent likely exhibited stronger inhibition than would have with a freshly collected RAS sample. The primary clarifier effluent exhibited nitrification inhibition in testing at less than 15 percent by volume contribution versus less than 6 percent in this test.

2.3 Summary

Based upon the performed FBR testing, both the primary and secondary clarifier effluents continue to be significantly inhibitory to nitrification. This finding kept Brown and Caldwell from considering nitrification as a reliable method of effluent NH_3-N control in the associated report.

Attachment B: Alternative Process Flow Schematics

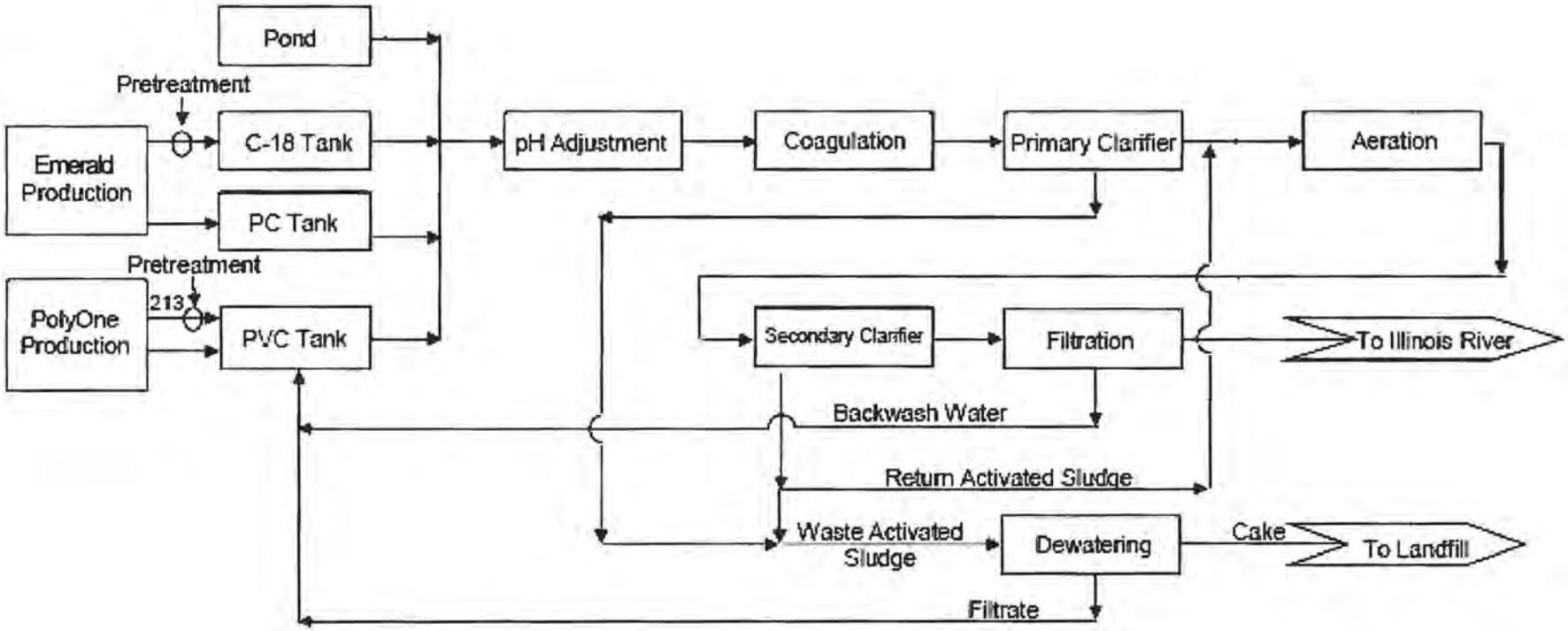


FIGURE 1

BLOCK FLOW DIAGRAM OF WASTESTREAM SOURCES AND WWTF

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\142075 Emerald Renewal of Adjustment Standard\Drawings\Fig 1.ppt

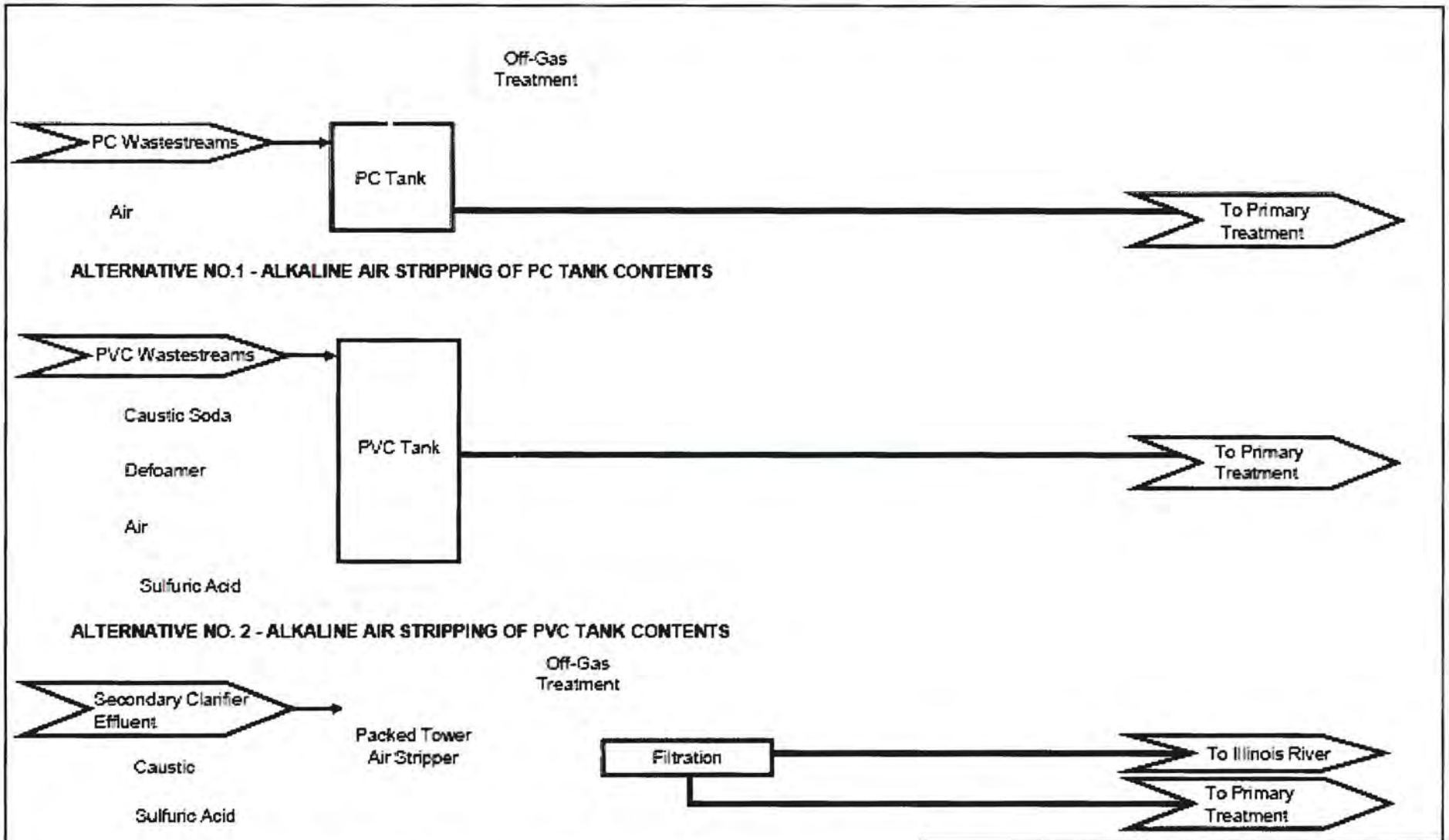


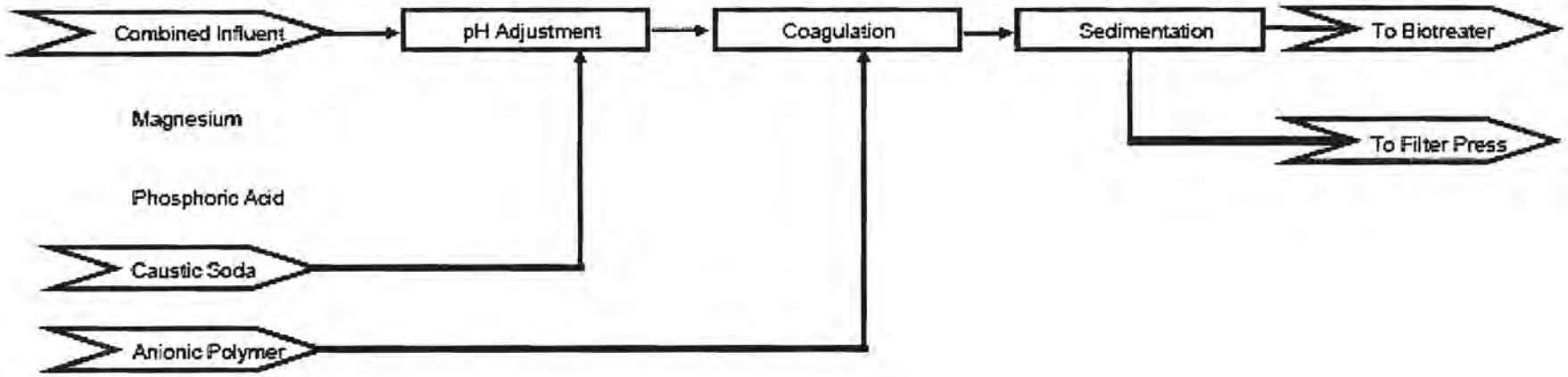
FIGURE 2

BLOCK FLOW DIAGRAM OF ALKALINE AIR STRIPPING TREATMENT ALTERNATIVES (Nos. 1, 2, and 3)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\140975 Emerald Renewal of Adjustment Standard\Drawings\Fig 2.ppt



NOTE: Existing $FeCl_3$ Addition would be discontinued

Existing Equipment

New Equipment

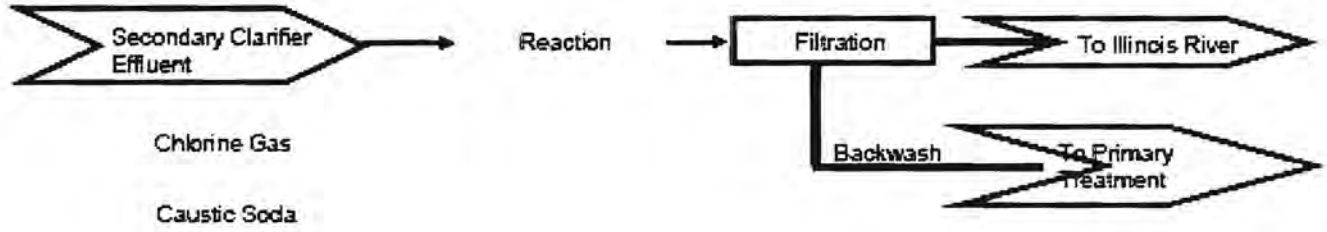
FIGURE 3

BLOCK FLOW DIAGRAM OF STRUVITE PRECIPITATION TREATMENT ALTERNATIVE (No. 4)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\114075 Emerald Renewal of Adjustment Standard\Drawings\Fig 3.ppt



Existing Equipment

New Equipment

FIGURE 4

BLOCK FLOW DIAGRAM OF BREAKPOINT CHLORINATION ALTERNATIVE (No. 5)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\140975 Emerald Renewal of Adjustment Standard\Drawings\Fig 4.ppt

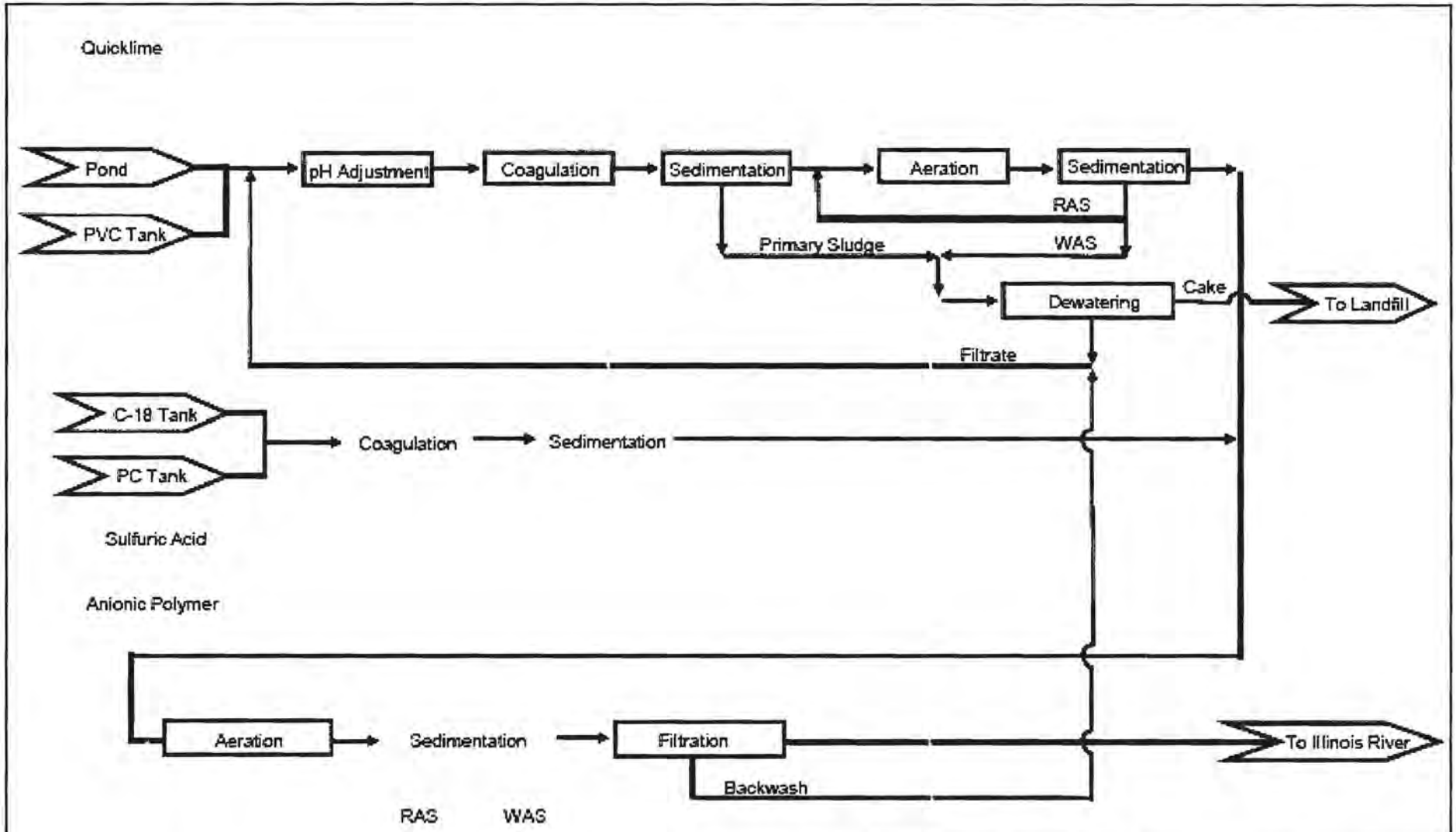


FIGURE 5

BLOCK FLOW DIAGRAM OF NON-PC WASTESTREAM NITRIFICATION TREATMENT ALTERNATIVE (No. 6)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\140975 Emerald Renewal of Adjusted Standard\Drawings\Fig 5.ppt

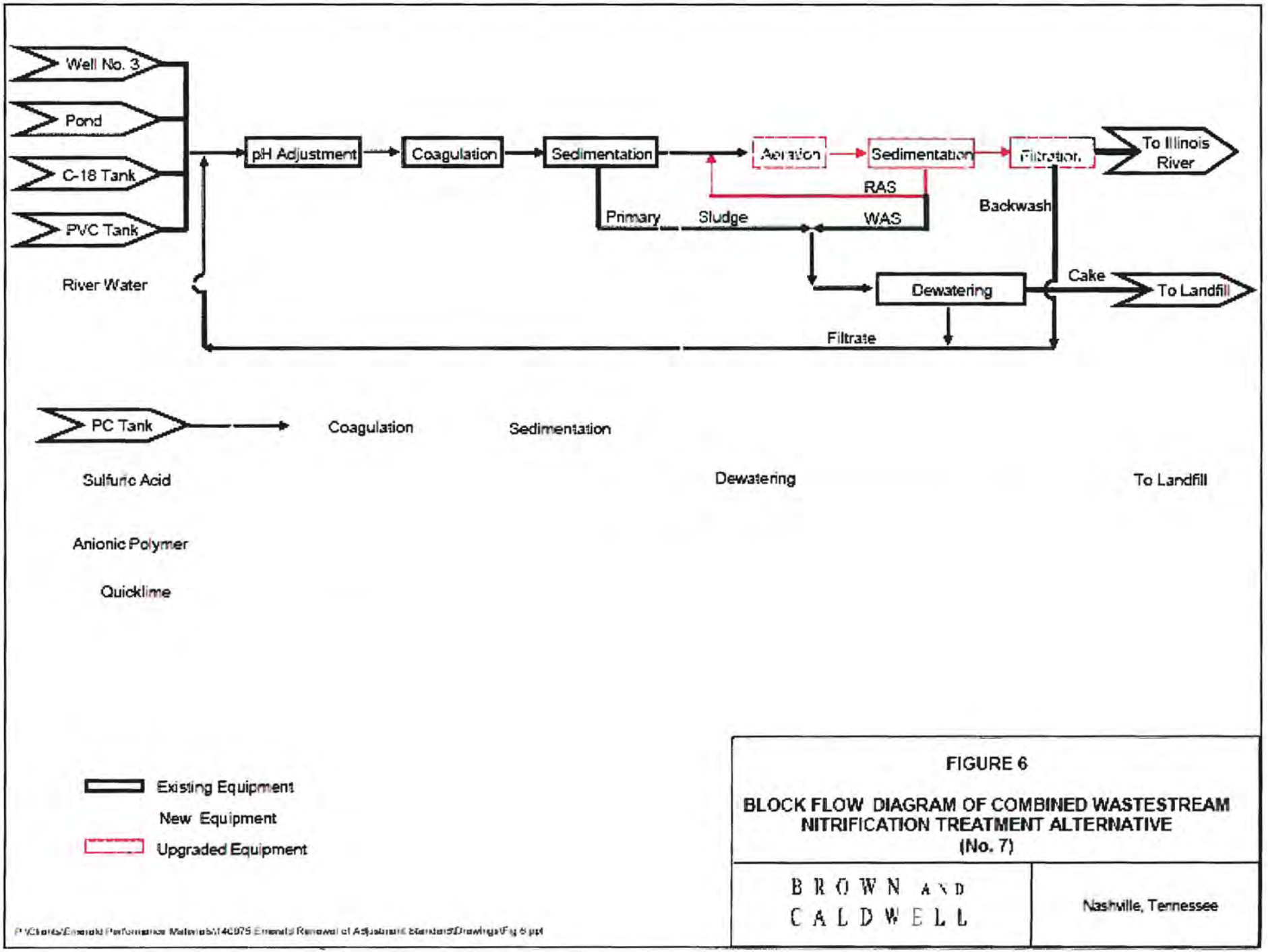


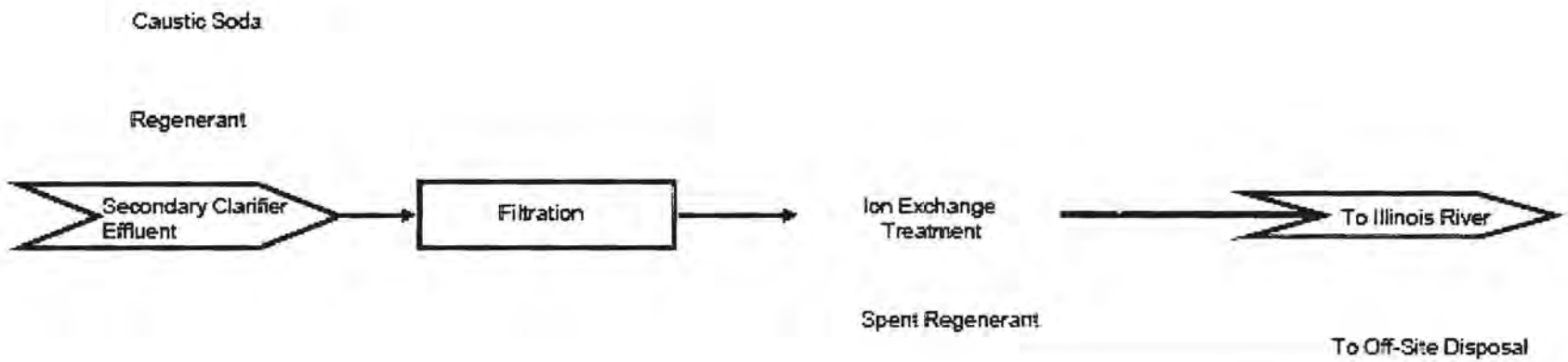
FIGURE 6

BLOCK FLOW DIAGRAM OF COMBINED WASTESTREAM NITRIFICATION TREATMENT ALTERNATIVE (No. 7)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\140975 Emerald Renewal of Adjustment Standard\Drawings\Fig 6.ppt



Existing Equipment

New Equipment

FIGURE 7

BLOCK FLOW DIAGRAM OF ION EXCHANGE TREATMENT ALTERNATIVE (No. 8)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\140925 Emerald Renewal of Adjusted Standard\Drawings\Fig 7.ppt

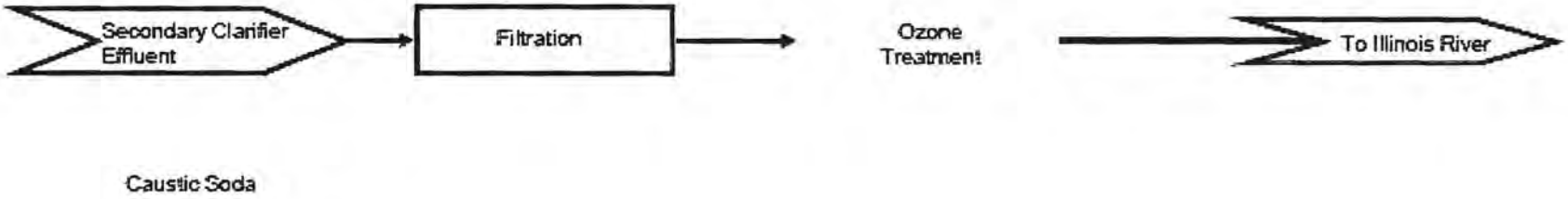


FIGURE 8

BLOCK FLOW DIAGRAM OF OZONE TREATMENT ALTERNATIVE (No. 9)

BROWN AND CALDWELL

Nashville, Tennessee

P:\Clients\Emerald Performance Materials\142975 Emerald Renewal of Adjustment Standard\Drawings\Fig 8.ppt

Attachment C: Cost Analysis for Treatment Alternatives

Summary of Cost Analysis for Providing Incremental Ammonia-Nitrogen Removal at the Emerald Performance Materials Facility

WWTF Component	Basis	PC Tank Stripping w/ Off-gas 2% Removal	PC Tank Stripping w/ Off-gas 1% Removal	PVC Tank Stripping w/o Off-gas 45% Removal	PVC Tank Stripping w/o Off-gas 22% Removal	Effluent Stripping w/ Off-gas	Effluent Stripping No Off-gas	Effluent Stripping No Off-gas 75% Removal	Effluent Stripping No Off-gas 50% Removal	Effluent Stripping No Off-gas 25% Removal	Struvite Precipitation 19% Removal	Struvite Precipitation 9% Removal	Effluent BP Chlorination	Effluent Ion Exchange	Effluent Ion Exchange 75% Removal	Effluent Ion Exchange 50% Removal	Effluent Ion Exchange 25% Removal	Ozonation
Alternative No.		1	1	2	2	3	3	3	3	3	4	4	5	8	8	8	8	9
Additional Operations/Maintenance Labor																		
Labor Hours		800	800	800	800	1500	1300	1300	1000	1000	200	200	1500	1500	1500	1500	1500	750
Annual Cost	$40/hr	$32,000	$32,000	$32,000	$32,000	$60,000	$52,000	$52,000	$40,000	$40,000	$8,000	$8,000	$60,000	$60,000	$60,000	$60,000	$60,000	$30,000
Electrical Usage																		
hp		128	128	69	69	532	493	439	293	293	1	1	7	24	18	12	6	3,475
kwh		834,694	834,694	447,826	447,826	3,476,930	3,221,743	2,870,860	1,913,907	1,913,907	5,223	5,223	44,159	159,492	119,619	79,746	39,873	22,709,729
Annual Cost	$0.039/kwh	$32,553	$32,553	$17,465	$17,465	$135,600	$125,648	$111,964	$74,642	$74,642	$204	$204	$1,722	$6,220	$4,665	$3,110	$1,555	$885,679
Maintenance Materials																		
Low End Equipment Cost		$359,238	$359,238	$50,462	$50,462	$2,838,660	$1,703,196	$1,366,223	$851,598	$510,959	$16,552	$16,552	$349,871	$382,801	$306,241	$229,681	$114,840	$3,173,151
Annual Cost	5% of Equipment Costs	$17,962	$17,962	$2,523	$2,523	$141,933	$85,160	$68,311	$42,580	$25,548	$828	$828	$17,494	$19,140	$15,312	$11,484	$5,742	$158,658
Chemical Costs																		
50% NaOH	$500/ton	$266,350	$152,200	$3,173,310	$1,813,320	$868,646	$868,646	$868,646	$434,323	$217,161	$0	$0	$1,035,870	$259,915	$194,937	$129,957	$64,978	$470,529
98% H2SO4	$190/ton	$126,502	$72,295	$86,133	$49,224	$559,512	$475,585	$475,585	$279,756	$139,878	$0	$0	$0	$0	$0	$0	$0	$0
75% H3PO4	$1,168/ton	$0	$0	$0	$0	$0	$0	$0	$0	$0	$977,121	$977,121	$0	$0	$0	$0	$0	$0
62% Mg(OH)2	$430/ton	$0	$0	$0	$0	$0	$0	$0	$0	$0	$316,430	$158,215	$0	$0	$0	$0	$0	$0
38% HCl	$150/ton	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$49,012	$36,759	$24,506	$12,253	$0
Chlorine Gas	$560/ton	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$423,581	$0	$0	$0	$0	$0
Annual Cost		$392,852	$224,495	$3,259,443	$1,862,544	$1,428,157	$1,344,231	$1,344,231	$714,079	$357,039	$1,293,551	$1,135,336	$1,459,451	$308,927	$231,696	$154,463	$77,231	$470,529
Annual Resin Replacement	$215.50/CF	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$302,080	$226,561	$151,040	$75,520	$0
Annual Off-site Disposal	$0.14/gal	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$36,445	$27,333	$18,222	$9,111	$0
Natural Gas Cost	$0.06/therm	$12,274	$12,274	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Annual Cost		$12,274	$12,274	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$338,525	$253,894	$169,262	$84,631	$0
Subtotal Annual Costs		$487,641	$319,284	$3,311,431	$1,914,532	$1,765,691	$1,607,039	$1,576,505	$871,301	$497,230	$1,302,582	$1,144,367	$1,538,667	$732,813	$565,567	$398,318	$229,160	$1,544,866
Contingency (10%)		$48,764	$31,928	$331,143	$191,453	$176,569	$160,704	$157,651	$87,130	$49,723	$130,258	$114,437	$153,867	$73,281	$56,557	$39,832	$22,916	$154,487
Total Annual O/M Costs, $/year		$536,405	$351,212	$3,642,574	$2,105,986	$1,942,260	$1,767,742	$1,734,156	$958,431	$546,953	$1,432,840	$1,258,804	$1,692,533	$806,094	$622,124	$438,150	$252,076	$1,699,353
Total Annual O/M Costs, $/year	10 years, 3 percent	$614,928	$402,625	$4,175,803	$2,414,277	$2,226,583	$2,026,519	$1,988,015	$1,098,734	$627,020	$1,642,591	$1,443,078	$1,940,300	$924,097	$713,195	$502,290	$288,976	$1,948,117
Total Annual Capital Costs, $/year	10 years, 3.5 percent	$176,947	$176,947	$51,810	$51,810	$1,130,731	$507,344	$422,980	$275,292	$172,916	$35,629	$35,629	$170,618	$196,429	$122,894	$88,380	$53,866	$1,248,031
Capital Costs		$1,471,595	$1,471,595	$430,881	$430,881	$9,403,844	$4,219,377	$3,517,761	$2,289,492	$1,438,071	$296,315	$296,315	$1,418,961	$1,633,625	$1,022,064	$735,022	$447,982	$10,379,378
Total Annual Cost, $/year		$791,874	$579,572	$4,227,613	$2,466,086	$3,357,314	$2,533,862	$2,410,996	$1,374,025	$799,936	$1,678,220	$1,478,707	$2,110,918	$1,120,526	$836,090	$590,670	$342,842	$3,196,148
Average NH3-N Removal, lb/day		7	7	212	106	449	449	337	225	112	88	102	464	464	348	232	116	464
Average NH3-N Removal, %		1.5	1.5	44.8	22.4	95.0	95.0	71.3	47.5	23.8	18.6	21.5	98.0	98.0	73.5	49.0	24.5	98.0
Total, $/lb NH3-N Removed		309.93	226.84	54.63	63.74	20.47	15.45	19.60	16.76	19.51	52.25	39.79	12.48	6.62	6.59	6.98	8.11	18.89

Attachment D: Reliability Comparison

Comparison of Projected Removals and Reliability of Effluent NH_3-N Removal Processes for the Emerald Performance Materials Wastewater Treatment Facility

Process	Effluent NH_3-N Removal		
	(Average %)	Reliability Rating[1]	Comments
PC Tank Stripping with Off-gas Control	30	8	Involves adding caustic, surface aerator, oversized withdrawal fan, off-gas collection, and thermal oxidation of off-gas. Acid addition in primary system will be required to lower pH to 9.0 s.u. Off-gas collection and treatment are needed for VOC control. Performance will vary as volatile amine content varies in wastewater. Average removals of 0 to 30 percent could be achieved by varying the size of the surface aerator placed in the tank. Will increase effluent TDS.
PVC Tank Stripping without Off-gas Control	74	7	Involves adding caustic and surface aerator to PVC tank contents. Acid addition in primary system will be required to lower pH to 9.0 s.u. Simple to operate. Strong foaming potential in PVC Tank, which would reduce effectiveness. Performance will vary based on production discharges of NH_3-N and volatile amines and NH_3-N returned in sludge dewatering filtrate and tertiary filter backwash. Removals of 0 to 74 percent could be achieved by varying the size of the surface aerator placed in the tank. Will increase effluent TDS.
Effluent Stripping with Off-gas Control	95	7	Involves pumping sand filter effluent through two packed towers in series. Caustic is added to increase pH to 11.5 s.u. and acid is added to lower the treated effluent pH to 8 s.u. Off-gas is directed to an acid scrubber for recovery of $(NH_4)_2SO_4$. Scrubber discharge would be disposed off-site. Complex to operate. Equipment must be housed in heated building to prevent freezing. Fouling of tower media with precipitants is anticipated. Removals of 75 to 95 percent would be achieved by treating the whole effluent through different sized columns. Removals of 25 to 75 percent would be achieved by treating only a portion of the final effluent. Will increase effluent TDS.
Effluent Stripping without Off-gas Control	95	8	Same as above but without off-gas collection and treatment. NH_3-N would be discharged to atmosphere. Will increase effluent TDS.

Comparison of Projected Removals and Reliability of Effluent NH_3-N Removal Processes for the Emerald Performance Materials Wastewater Treatment Facility

Process	Effluent NH_3-N Removal (Average %)	Reliability Rating[1]	Comments
Struvite Precipitation	34	6	Involves feeding magnesium hydroxide and phosphoric acid to existing primary treatment system. Simple to operate; however, the precipitant is prone to foul pumps and piping. Removal could be varied between 22 and 34 percent depending upon the quantity of magnesium hydroxide added. Performance will vary strictly as a function of influent NH_3-N load. Will increase effluent TDS.
Effluent Breakpoint Chlorination	98	9	Involves routing secondary clarifier effluent through chlorination step prior to tertiary filtration. Caustic is fed to maintain pH control. Reliable process. Creates safety concerns and may form chlorinated organics. Very complex system requiring active monitoring and safety controls. Will increase effluent TDS.
Effluent Ion Exchange	98	6	Involves pumping sand filter effluent through two resin columns in series. Caustic is added to neutralize effluent from strong acid resin treatment. Resins would be regenerated daily using acid, and spent regenerant (high cation content NH_4CL solution) would be disposed off-site. Complex to operate. Equipment must be housed in heated building to prevent freezing. Fouling of media with precipitants and biomass is anticipated. Removals of 25 to 75 percent would be achieved by treating only a portion of the whole effluent. Should have little net effect on effluent TDS.
Effluent Ozonation	98	8	Involves routing secondary clarifier effluent through ozonation step prior to tertiary filtration. Caustic is fed to maintain pH control. Very complex system requiring active monitoring and safety controls. Will increase effluent TDS.

[1] Reliability Rating based on a relative assessment of mechanical and process performance reliability to achieve the average percent removal (10 being highest reliability). Reliability means the ability of the treatment process to achieve the predicted effluent ammonia-nitrogen (NH_3-N) concentrations on a routine basis.

Exhibit 14

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

IN THE MATTER OF:	)	
	)	
Petition of Emerald Performance	)	
	)	AS 12-___
Materials LLC. for an Adjusted	)	
	)	(Adjusted Standard)
Standard from 35 Ill. Adm. Code	)	
	)	
304.122(b)	)	

AFFIDAVIT OF JARROD KOCIN

I, Jarrod Kocin, being duly sworn and upon oath, state as follows:

1. I am the Interim Plant Manager at Emerald Performance Materials, Henry and the Manufacturing Manager Nitrile Latex & Engineer Manager at Emerald Performance Materials, Akron.

2. In that position, I have personal knowledge of the facts set forth in the attached Petition for Adjusted Standard.

3. Having read the facts presented therein, I hereby state that to the best of my knowledge and belief the material facts set forth therein are true and accurate.

FURTHER AFFIANT SAYETH NOT

JARROD KOCIN
EMERALD PERFORMANCE MATERIALS

Leslie A. Hofer
Notary Public

OFFICIAL SEAL
LESLIE A HOFER
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 12/10/15