				TNI PT for Accreditation				
				Fields of Proficiency Testing				
				Whole Effluent Toxicity Testing - Non-Po	table Water			
				Effective Date April 1, 2009				
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Madala			EPA <sup>1</sup>	Technology <sup>2</sup>	Analyte <sup>3</sup>			
Matrix	EPA <sup>1</sup> Test	EPA Method	EPA Analyte	(Organism, Test Type [duration, type, condition, temperature and dilution water])	(Endpoint)	Reference Toxicants and Concentration <sup>4,5</sup> Potassium Zinc sulfate Ammonium		
		Reference	Code			chloride	heptahydrate	phosphate
	0000 1		0000			onionao	noptanyarato	dibasic
						(mg/L)	(mg/L)	(mg/L)
NPW	0013	2000.0	754	Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, MHSF	LC50	2000	-	400
	004.4	0000.0	765	E-thread minerary (Dimensionles) 40 ha Aryte and and 0500, 000( DMM)	1.050	2000	8.8	300
NPW	0014	2000.0	755	Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, 20% DMW	LC50	2000	0.0	300
NPW	0015	1000.0	756	Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, MHSF	NOEC Survival	2000	2.2	150
NPW	0015	1000.0	808	Fathead minnow (Pimephales prometas), 7 day Chronic, daily renewal, MHSF	IC25 (ON) Growth	2000	2.2	150
NPW	0015	1000.0	810	Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, MHSF	NOEC (ON) Growth	2000	2.2	150
NPW	0016	1000.0	759	Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, 20% DMW	NOEC Survival	2000	4.4	150
NPW	0016	1000.0	812	Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, 20% DMW	IC25 (ON) Growth	2000	4.4	150
NPW	0016	1000.0	814	Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, 20% DMW	NOEC (ON) Growth	2000	4.4	150
					1.050	1000		
NPW	0019	2002.0	764	Ceriodaphnia dubia, 48-hr Acute, renewal, 25°C, MHSF	LC50	1000	2.2	200
NPW	0020	2002.0	765	Ceriodaphnia dubia, 48-hr Acute, renewal, 25°C, 20% DMW	LC50	1000	2.2	200
	0020	2002.0	705	Cenodaphilia dubia, 40-11 Acute, renewal, 23 C, 20% Divivi	LCJU	1000	2.2	200
NPW	0021	1002.0	766	Ceriodaphnia dubia, 7-day Chronic, daily renewal, MHSF	NOEC Survival	1000	1.5	200
NPW	0021	1002.0	767	Ceriodaphnia dubia, 7-day Chronic, daily renewal, MHSF	IC25 Reproduction	1000	1.5	200
NPW	0021	1002.0	768	Ceriodaphnia dubia, 7-day Chronic, daily renewal, MHSF	NOEC Reproduction	1000	1.5	200
NPW	0022	1002.0	769	Ceriodaphnia dubia, 7-day Chronic, daily renewal, 20% DMW	NOEC Survival	1000	1.5	200
NPW	0022	1002.0	770	Ceriodaphnia dubia, 7-day Chronic, daily renewal, 20% DMW	IC25 Reproduction	1000 1000	1.5 1.5	200 200
NPW	0022	1002.0	771	Ceriodaphnia dubia, 7-day Chronic, daily renewal, 20% DMW	NOEC Reproduction	1000	1.5	200
NPW	0032	2021.0	788	Daphnia magna, 48-hr Acute, nonrenewal, 25°C, MHSF	LC50	1000	8.8	400
	0002	202110			2000			
NPW	0038	2021.0	794	Daphnia pulex, 48-hr Acute, nonrenewal, 25°C, MHSF	LC50	1000	8.8	400
NPW	0042	2007.0	798	Mysid (Mysidopsis bahia, Americamysis bahia), 48-hr Acute, nonrenewal, 25°C, 40-fath SW	LC50	1200	17.6	-
	00.40	4007.0	700			1000		
NPW NPW	0043	1007.0 1007.0	799 816	Mysid (Mysidopsis bahia, Americamysis bahia), 7-day Chronic, daily renewal, 40-fath SW Mysid (Mysidopsis bahia, Americamysis bahia), 7-day Chronic, daily renewal, 40-fath SW	NOEC Survival IC25 (ON) Growth	1200 1200	2.6 2.6	
NPW	0043	1007.0	818	Mysid (Mysidopsis bahia, Americaniysis bahia), 7-day Chronic, daily renewal, 40-fath SW	NOEC (ON) Growth	1200	2.6	
INI VV	0043	1007.0	010	Mysid (Mysidopsis bania, Americantysis bania), 7-day Chronic, dany tenewai, 40-taut Sw		1200	2.0	
NPW	0044	2006.0	803	Inland silverside (Menidia beryllina), 48-hr Acute, nonrenewal, 25°C, 40-fath SW	LC50	1000	35.3	-
NPW	0045	1006.0	824	Inland silverside (Menidia beryllina), 7-day Chronic, daily renewal, 40-fath SW	NOEC Survival	1000	-	-
NPW	0045	1006.0	825	Inland silverside (Menidia beryllina), 7-day Chronic, daily renewal, 40-fath SW	IC25 (ON) Growth	1000	-	-
NPW	0045	1006.0	826	Inland silverside (Menidia beryllina), 7-day Chronic, daily renewal, 40-fath SW	NOEC (ON) Growth	1000	-	-
	0046	2004.0	004	Shaanahaad minnayy (Cymrinadan yariagatua) 40 kr Acyta marsanayyd, 25%, 40 feth 014	LC50	6000	-	-
NPW	0046	2004.0	804	Sheapshead minnow (Cyprinodon variegatus), 48-hr Acute, nonrenewal, 25°C, 40-fath SW	LU50	0000	-	-
NPW	0047	1004.0	805	Sheapshead minnow (Cyprinodon variegatus), 7-day Chronic, daily renewal, 40-fath SW	NOEC Survival	3000	6.6	-
NPW	0047	1004.0	820	Sheapshead minnow (Cyprinodon variegatus), 7-day Chronic, daily renewal, 40-fath SW	IC25 (ON) Growth	3000	6.6	-
NPW	0047	1004.0	822	Sheapshead minnow (Cyprinodon variegatus), 7-day Chronic, daily renewal, 40-fath SW	NOEC (ON) Growth	3000	6.6	-

						T for Accreditation				
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						icity Testing - Non-Po	table Water			
Effective Date April 1, 2009										
) EPA T	est Cod	e and Ana	lyte Code a	re Technology and Analyte spe	cific.					
) Dilutio	n Water	definition:								
				nthetic Freshwater						
	20% DI	/W - 20%	Diluted Min	eral Water						
	40 fath	SW - 40 fa	athoms sea	water						
) Analyte	e definit	ONS:	tion whore	50% of the organisms do not s	univo					
	NOFC	= No Obse	rvable Effe	cts Concentration	divive.					
				here is 25% reduction in growt	h or reproduction.					
				riginal Number of organisms u						
) Refere	nce To	cicant Con	centrations	are shown as guidance.						
		icont Con	contrationa	shown above are as the toxica	at calt or compound					
) Relete	Ince TO		Centrations	Shown above are as the toxical	it sait of compound.					
) Profici	encv Stu	udv Assian	ed Values (	AV):						
					e data reported by laboratories;	; reported values are <6.25%, 6.2	25%, 12.5%, 25%, 50%,	100%, or >100%. If	the Median falls betw	veen two of these
				he higher value.						
						s from 6.25% and 100%, inclusiv				
	Robust	Study Mea	an and Star	dard Deviation are generated u	ising appropriate statistical anal	lysis of study data set. (ie Bi-weig	ht, Grubbs, Dixon, ISO 1	3528, etc.)		
) Profie		ting Accer	tance Limit	e.						
					below the Median (or <6.25%.)	whichever is higher); Upper Acce	ptance Limit is the test d	ilution above the Me	dian (or >100%, which	chever is lower).
						est dilution below the Median, an				
					e upper limit is greater than 100	0%, then set the Upper Acceptan	ce Limit at ">100%." If th	ne lower limit is less	than 6.25%, then set	the
	Lower A	Acceptance	e Limit to "<	6.25%."						