

APPROVED METHODS

The City of Lakeland's Wastewater laboratory is certified by the State of Florida Department of Health to perform a variety of analytical procedures. Listed below are the parameters and methods that the City's Laboratory is approved to run and report.



Jeb Bush
Governor

Robert G. Brooks, M.D.
Secretary

BASIC

LABORATORY: LAKELAND WWTP-GLENDALE CERTIFICATION NUMBER: E54180

EPA: FL00315 Effective Date: FEBRUARY 03,1999

Supersedes Previous Analyte Sheet Dated: MAY 26,1998

		METHODS
X	FIVE DAY BOD	SM5210B
X	CARBONACEOUS BOD	SM5210B
X	CHEMICAL OXYGEN DEMAND (COD)	410.4
	TOTAL ORGANIC CARBON (TOC)	
X	TOTAL KJELDAHL NITROGEN (TKN)	SM4500Norg B, SM4500NH3G
X	NITRATE-NITRITE NITROGEN	353.2
	NITRATE NITROGEN	
	NITRITE NITROGEN	
	ORGANIC NITROGEN	
X	AMMONIUM NITROGEN	SM4500NH3 G, 350.1
	UN-IONIZED AMMONIA	

X	NON-FILTERABLE RESIDUE (TSS)	SM2540D
X	TOTAL RESIDUE	SM2540B
	VOLATILE RESIDUE	
	SETTLEABLE RESIDUE	
X	TOTAL PHOSPHORUS	365.4
X	ORTHOPHOSPHATE PHOSPHORUS	SM4500P E, 365.1
	CHLORIDE	
	FLUORIDE	
	OIL AND GREASE	
	SULFATE	
X	pH	SM4500H+ B
	TEMPERATURE	
X	SPECIFIC CONDUCTANCE	120.1
	DISSOLVED OXYGEN	
	TURBIDITY	
	TOTAL RESIDUAL CHLORINE	
	HARDNESS	
X	ALKALINITY	310.1
	COLOR	
X	FECAL COLIFORM	SM9222D
X	TOTAL COLIFORM	SM9222B



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	1. METALS	AA (FL)	AA (FUR)	ICP	HYDRIDE	OTHER
X	ARSENIC		SM3113B, 7060			
X	CADMIUM		SM3113B, 7131			
X	CALCIUM	SM3111B				
X	CHROMIUM		SM3113B, 7191			
X	COPPER	SM3111B				
X	IRON	SM 3111B				
X	LEAD		SM3113B			
X	MAGNESIUM	SM3111B				
X	MOLYBDENUM		SM3113B,7481			
X	NICKEL		SM3113B			
X	POTASSIUM	SM31 11 B, 7610				

X	SILVER		SM3113B			
X	SODIUM	SM3111B				
X	ZINC	SM3111B, 7950				
	2. NUTRIENTS	METHODS				
	3. DEMANDS	METHODS				
	4. EXTRACTABLE ORGANICS	GC	GC/MS	HPLC	OTHER	
	5. GENERAL CATEGORY I	METHODS				
	6. GENERAL CATEGORY II	METHODS				
	7. MICROBIOLOGY	MF	MPN			
	8. PESTICIDES-HERBICIDES-PCB'S	GC	GC/MS	HPLC		
	9. PURGEABLE ORGANICS	GC	GC/MS			
	10. HAZARDOUS WASTE CHARACTERIZATIONS		METHODS			
