## California Department of Fish and Wildlife Plankton Tow Datasheet

Waterbody:	County: Date:									
Mesh Size (μm):	Net Diameter (cm):				Collector:					
Pre-Calibration				Post-Calibration						
Sp. Conductivity uS/cm (circle one): Pass Fail				Sp. Conductivity uS/cm:						
pH: 4 7 10				pH: 4	7_	10				
DO (circle one): Pass Fail										
			To	ows						
Sample ID: # of Tows: Preservation: pH Buffer:								:/.95 =		
Total Depth of Tows (m):	Volume (L) :			Time:	me: Ethanol:/					
Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	Нq	DO mg/L		Sp. Cond. (μS/cm)		
		()	Deptin (iii)	( 0)	P			ορι σοιιαι (μογοιτή		
Comments:										
Sample ID:	Preservation: pH Buffer:/.95 =									
Total Depth of Tows (m):	Tow			Time:				/.76 =		
Site Description	I V//H I	Depth	Water Q. Depth (m)	Temp (°C)		DO				
		(m)			рН	mg/L	%	Sp. Cond. (μS/cm)		
Comments:										
Comments.										
Sample ID:	Sample ID: # of Tows:					Preservation: pH Buffer:/.95 =				
Total Depth of Tows (m):	Volume (L) :		Time:	Ethanol:						
Site Description	V/H	/H Tow	Water Q.	Temp	pН	DO		_		
	Tow	Depth (m)	Depth (m)	(°C)		mg/L	%	Sp. Cond. (μS/cm)		
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Comments:										

☐ Samples preserved to 20% with 200 proof non-denatured ethanol, buffered with 5 ml of a 4% baking soda solution per 100 ml Time:\_\_\_\_\_

Sample ID:	# of Tows:					Preservation: pH Buffer:/.95 =			
Total Depth of Tows (m):		Volume (L) : Time:			Ethanol:		<u>/</u> .76 =		
	V/H Tow			_		DO			
Site Description	Tow	Depth (m)	Water Q. Depth (m)	Temp (°C)	рН	mg/L	%	Sp. Cond. (μS/cm)	
		(111)	Deptii (iii)	( )	рп	<u>.</u>		3ρ. conα. (μ3/cm)	
Comments:									
Sample ID:		# of Tov	vs:			Preservation: p	H Buffer:	/.95 =	
Total Depth of Tows (m):	Volume (L) : Time:					Ethanol:/.76 =			
	V/H	Tow				DO			
Site Description	Tow	Depth	Water Q.	Temp	nll	mg/L	%	Sn Cond (uS/om)	
		(m)	Depth (m)	(°C)	рН	O,		Sp. Cond. (μS/cm)	
Comments:									
								<del></del>	
Sample ID:		# of Tov	vs:			Preservation: r	H Buffer:	/.95 =	
Total Depth of Tows (m):	Volume (L) : Time:					Ethanol:/.76 =			
	V/H	Tow				DO			
Site Description	Tow	Depth	Water Q.	Temp		mg/L	%		
		(m)	Depth (m)	(°C)	рН			Sp. Cond. (μS/cm)	
Comments:									
Comments.									

Calculations for volume:  $V = (area of net)(total depth in m)(1000 L/m^3)$ ; feet to meter x .3048 Examples: 8in net  $V = (.03 m^2)(total depth in m)(1000 L/m^3)$ 12in net  $V = (.07m^2)(total depth in m)(1000 L/m^3)$