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	

Tows

Sample ID: _________________ # of Tows: _______ Preservation: pH Buffer: ____/.95 = ______
Total Depth of Tows (m): ________ Volume (L) : _____ Time: _________ Ethanol: ______/.76 = _______

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO mg/L	DO %	Sp. Cond. (µS/cm)

Comments: ____
____

Sample ID: _________________ # of Tows: _______ Preservation: pH Buffer: ____/.95 = ______
Total Depth of Tows (m): ________ Volume (L) : _____ Time: _________ Ethanol: ______/.76 = _______

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO mg/L	DO %	Sp. Cond. (µS/cm)

Comments: ____
____

Sample ID: _________________ # of Tows: _______ Preservation: pH Buffer: ____/.95 = ______
Total Depth of Tows (m): ________ Volume (L) : _____ Time: _________ Ethanol: ______/.76 = _______

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO mg/L	DO %	Sp. Cond. (µS/cm)

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: _____/.76 = _____

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO		Sp. Cond. (µS/cm)
						mg/L	%	

Comments: _____

_____

Sample ID: _____ # of Tows: _____ Preservation: pH Buffer: ____/.95 = _____

Total Depth of Tows (m): _____ Volume (L) : _____ Time: _____ Ethanol: _____/.76 = _____

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO		Sp. Cond. (µS/cm)
						mg/L	%	

Comments: _____

_____

Sample ID: _____ # of Tows: _____ Preservation: pH Buffer: ____/.95 = _____

Total Depth of Tows (m): _____ Volume (L) : _____ Time: _____ Ethanol: _____/.76 = _____

Site Description	V/H Tow	Tow Depth (m)	Water Q. Depth (m)	Temp (°C)	pH	DO		Sp. Cond. (µS/cm)
						mg/L	%	

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)