NARRAGANSETT BAY COMMISSION
CONVERTING CONCENTRATION (mg/L) TO MASS (lbs/1000 gal.)
WORK SHEET

Company Name: _____
Sample Date: _____
Sample Location: _____

Calculate Daily Flow: Read water meter at start and end of sampling period.

Opening Meter Reading: _____ (gal or cf)
Closing Meter Reading: _____ (gal or cf)

Flow (F) = Closing Meter Reading – Opening Meter Reading (gal or cf)
Flow (F) = _____ - _____ = _____ (gal or cf)

For Cubic Feet Meters: $F_{(gal)} = F_{(cf)} \times 7.48$
$F_{(gal)}$ = _____cubic feet x 7.48 = _____ gal

Fill in Lab Results: Enter the results from your lab report

Pollutant:	BOD	_____ mg/L
	TSS	_____ mg/L
	Total Nitrogen	_____ mg/L
	Ammonia	_____ mg/L

Calculate Mass-Based limits for each pollutant in your category: Divide your lab result by 120 to obtain your results in lbs/1000 gallons.

Pollutant:	BOD	_____ mg/L ÷ 120 = _____ lbs/1000 gal
	TSS	_____ mg/L ÷ 120 = _____ lbs/1000 gal
	Total Nitrogen	_____ mg/L ÷ 120 = _____ lbs/1000 gal
	Ammonia	_____ mg/L ÷ 120 = _____ lbs/1000 gal

Compare you results with the limits in the table and circle to indicate if you are in compliance

Pollutant:	BOD	Compliance Achieved? Yes / No
	TSS	Compliance Achieved? Yes / No
	Total Nitrogen	Compliance Achieved? Yes / No
	Ammonia	Compliance Achieved? Yes / No