Kachemak Bay & Anchor River CEMP Water Quality Data Sheet

Revised 4/04

Office Use Only

Entry Date	Edit Date	Data entry Comments

Reviewed and Entered By:

Sample Information: Site ID: _____ Monitoring Kit # _____

Date: _____ Kit Condition: _____

Volunteer Information: Travel miles: _____

	Print Name	Signature	Field Start Time	Stop Time	Total Volunteer Time (hours)
Volunteer 1					
Volunteer 2					
Volunteer 3					
Volunteer 4					

Hanna Meter Calibration: **Date:** _____ **Time:** _____

Meter #:	Cond 1413µS	PH 7.01	PH 4.01
Temp (C)			
Target Reading	1413		
Initial Reading			
Calibrated?	Y/N	Y/N	Y/N

Comments:

Precipitation:

Last 24 hr: (Inches) _____

Type:

None Hail
Rain Snow
Sleet

Weather:

Clear
Ptly Cloudy
Cloudy
Precipitation
Fog or Haze

Previous Days Similar: _____

Air Temperature: _____ °F

Wind:

Speed (mph)	**Direction:**
under 1	N
1-3	NE
4-7	E
8-12	SE
13-18	S
19-24	SW
25-31	W
32-38	NW
39-46	
47-54	**Character:**
55-63	Calm
64-72	Steady
73 and over	Variable
	Gusting

Water Surface:

Description:

Calm
Ripple
Waves
Whitecaps
Storming
Foam
Oily
Bubbles
Ice

Comments:

_____
_____
_____
_____
_____
_____
_____
_____
_____

Sketch:

Photo: Photo Number Photo Description Camera # _____

Additional Photos: ☐

Sample Collection and Filtration:

Sample Type	Date	Time
Bucket		
Bottle#		
Bottle#		

Record 250 ml bottle #s above.

Filtered Samples:
30 ml Vial# _____
30 ml Vial# _____

Please Return To:
Cook Inlet Keeper
3734 Ben Walters Ln.
Homer, AK 99603
(907) 235-4068

Color AIG003

Sample	Color	BCS#	BCS#
Bucket			
50 ml			

Chemical expiration dates: All chemicals current? ☐

Water Temperature AIG036

Rep #	Temp	Time	Location
1			Insitu Bucket Bot#____
2			
3			
4			
DQO	0.0°C ☐		

DQO refers to the Data Quality Objective for precision. Check the box if the DQO is met.
Insitu refers to collecting water for the test directly from the water source without a bucket.
Perform Depth and Salinity on estuarine sites only.

Turbidity AIG043
Turbidity Column **Volume**: 50ml 25ml

Rep #	# Additions	Time	Location
1			Insitu Bucket Bot#____
2			
3			
4			
DQO	1 Addition ☐		

Secchi Depth AIG040

Rep #	Bottom	Disappear	Reappear	Time
1				
2				
3				
4				
DQO	0.5m ☐	0.5m ☐	0.5m ☐	

pH AIG023

Rep #	pH Units	Time	Location
1			Insitu Bucket Bot#____
2			
3			
4			
DQO	0.25 pH ☐		

Salinity AIG027

Rep #	Sp. Grav.	Temp. °C	Time	Location
1				Insitu Bucket Bot#____
2				
3				
4				
DQO	0.0005 SG ☐			

Hanna Meter Test **Meter #** _____
Time:_____ **Location:** Insitu Bucket

Rep #	Cond µS	pH	Temp °C
1			
2			
3			
4			
DQO	1µS ☐	0.01pH ☐	0.1°C ☐

Comments:

Dissolved Oxygen AIG004
Fix Time: _____ **Fix Temp:** _____
Location: Insitu Bucket
Titration: **Date:** _____ **Time:** _____

Rep #	Bottle 1	Bottle 2	Bottle 3
1			
2			
DQO	0.6 mg/l ☐		

Comments:

Coliform Bacteria MICRO001
Location: Insitu Bucket Bot# _____
Time Mixed: _____ **Time Plated:** _____
Comments:

Date Counted: _____ **Time Counted:** _____
Incubator temperature at count time: _____

Sample Size	E.Coli	Total Coliform	Teal Colonies
1 ml			
5ml			