Kachemak Bay & Anchor River CEMP
Water Quality Data Sheet
Revised 3/2011

Sample Information
Site ID
Date
Time
Monitoring Kit Number
Kit Condition
Comments

Volunteer Information
Volunteer 1
Volunteer 2
Volunteer 3
Volunteer 4

Hanna Meter Calibration
Meter #
Date
Temp
Cal?
pH 7 (Initial)
Y/N
pH 4 (Final)
Y/N
Cond(Initial)
X
Cond(Final)
Y/N

Weather
Clear
Partly Cloudy
Cloudy
Precipitation
Fog or Haze

Wind
Mph
Direction
<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

Character
Calm
Steady
Variable
Gusting

Sample Location
Depth
Bottom
0-6"
Silty
6-12"
Sandy
12-36"
Muddy
Gravel
Other

Precedition
Type (circle one)
Number of Days Similar
Rain
Hail
Snow
Sleet

Precipitation
Last 24 hr.
(inches)
Temp. ºF

Comments
Sketch

Photos
Photo #
Description
Camera #
Additional Photos
### Water Temperature

<table>
<thead>
<tr>
<th>Replicate 1</th>
<th>Replicate 2</th>
<th>Replicate 3</th>
<th>Location (circle one)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td></td>
<td></td>
<td>stream</td>
</tr>
<tr>
<td>Temp °C</td>
<td></td>
<td></td>
<td>bucket</td>
</tr>
</tbody>
</table>

Take replicates up to 5 minutes apart. DQO MET?

### Turbidity Sample Collection

<table>
<thead>
<tr>
<th>Bottle #</th>
<th>Time</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>stream</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>bucket</td>
</tr>
</tbody>
</table>

### Hanna Meter

Wait for Hanna meter to stabilize before recording measurement. Repeat if any two of three replicates are not within: Conductivity ±2µS, pH ± 0.02 units

<table>
<thead>
<tr>
<th>Meter #</th>
<th>Replicate 1</th>
<th>Replicate 2</th>
<th>Replicate 3</th>
<th>Location (circle one):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>stream</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>bucket</td>
</tr>
</tbody>
</table>

### Dissolved Oxygen

Repeat if three replicates are not within 0.6 mg/L

<table>
<thead>
<tr>
<th>Fix Time</th>
<th>Replicate 1a</th>
<th>Replicate 1b</th>
<th>Replicate 2a</th>
<th>Replicate 2b</th>
<th>Replicate 3a</th>
<th>Replicate 3b</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Coliform Bacteria

<table>
<thead>
<tr>
<th>Time mixed</th>
<th>Location:</th>
<th>Date counted</th>
<th>E. coli Colonies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time plated</td>
<td>stream</td>
<td>Time counted</td>
<td>Total Coliform</td>
</tr>
<tr>
<td>Easygel Exp.</td>
<td>bucket</td>
<td></td>
<td>Teal Colonies</td>
</tr>
</tbody>
</table>

Comments:

### Turbidity for office use

Final Turbidity: 1. _______ NTU 2. _______ NTU