

2019 EBS & NBS *Chionoecetes* Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 31

Vessel: 162

**Collected By:** Erin & Myra

Leg: 4

## Keys & Comments on back



| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-----|-----|------|
| A 1   | 36     | C.O.                              | 2   | 45.10 | 2     | 000 | I   | -    |
| B 1   |        |                                   | 1   | 45.36 |       |     | I   | -    |
| C 1   |        |                                   |     | 44.55 |       |     | I   | -    |
| D 1   |        |                                   |     | 45.50 |       |     | I   | -    |
| E 1   |        |                                   |     | 38.55 |       |     | I   | -    |
| F 1   |        |                                   |     | 43.62 |       |     | I   | -    |
| G 1   |        |                                   |     | 45.38 |       |     | I   | -    |
| H 1   |        |                                   |     | 52.34 |       |     | I   | -    |
| A 2   |        |                                   |     | 42.47 |       |     | I   | -    |
| B 2   |        |                                   |     | 39.60 |       |     | I   | -    |
| C 2   |        |                                   |     | 47.10 |       |     | I   | -    |
| D 2   |        |                                   |     | 48.34 |       |     | I   | -    |
| E 2   |        |                                   |     | 48.88 |       |     | I   | -    |
| F 2   |        |                                   |     | 43.82 |       |     | I   | -    |
| G 2   |        |                                   |     | 39.63 |       |     | I   | -    |
| H 2   |        |                                   |     | 36.99 |       |     | I   | -    |
| A 3   |        |                                   |     | 45.70 |       |     | I   | -    |
| B 3   |        |                                   |     | 48.35 |       |     | I   | -    |
| C 3   |        |                                   |     | 40.40 |       |     | I   | -    |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |     |     |      |
| E 3   |        |                                   |     | 42.50 |       |     | I   | -    |
| F 3   | 41     | C.O.                              | 2   | 44.49 | 2     | 000 | I   | -    |
| G 3   |        |                                   |     | 51.05 |       |     | I   | -    |
| H 3   |        |                                   |     | 51.80 |       |     | I   | -    |
| A 4   |        |                                   |     | 41.54 |       |     | I   | -    |
| B 4   |        |                                   |     | 54.17 |       |     | I   | -    |
| C 4   |        |                                   |     | 47.90 |       |     | I   | -    |
| D 4   |        |                                   |     | 51.74 |       |     | I   | -    |
| E 4   |        |                                   |     | 47.42 |       |     | I   | -    |
| F 4   |        |                                   |     | 41.20 |       |     | I   | -    |
| G 4   |        |                                   |     | 49.32 |       |     | I   | -    |
| H 4   | 40     | C.O.                              | 2   | 36.92 | 2     | 000 | I   | -    |
| A 5   |        |                                   |     | 46.01 |       |     | I   | -    |
| B 5   |        |                                   |     | 39.30 |       |     | I   | -    |
| C 5   |        |                                   |     | 46.56 |       |     | I   | -    |
| D 5   |        |                                   |     | 51.31 |       |     | I   | -    |
| E 5   |        |                                   |     | 54.81 |       |     | I   | -    |
| F 5   |        |                                   |     | 49.35 |       |     | I   | -    |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |     |     |      |
| H 5   |        |                                   |     | 33.45 |       |     | I   | -    |
| A 6   |        |                                   |     | 43.05 |       |     | I   | -    |
| B 6   |        |                                   |     | 52.40 |       |     | I   | -    |
| C 6   | 40     | C.O.                              | 2   | 56.66 | 2     | 000 | I   | -    |
| D 6   |        |                                   |     | 41.72 |       |     | I   | -    |
| E 6   |        |                                   |     | 45.98 |       |     | I   | -    |
| F 6   |        |                                   |     | 35.31 |       |     | I   | -    |
| G 6   |        |                                   |     | 39.77 |       |     | I   | -    |
| H 6   |        |                                   |     | 37.69 |       |     | I   | -    |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

10 Crab from haul 40 (BB-21) bled to make  
up for defecet from haul 41 (BB-22)

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):<br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | Sex:<br>1 = Male<br>2 = Female<br>3 = Unknown | Size:<br>Carapace<br>Width in<br>mm<br>(tenths) | Shell Condition:<br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | Bio (Biometrics):<br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | Mat<br>(maturity):<br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | BCS+:<br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|---|---|---|---|--|---|
|   |   |   |   |   |  |   |

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 30Vessel: 162Collected By: Erin + MyraLeg: 4Keys & Comments on  
back

|          | Well: | Haul #                            | Spp  | Sex | Size   | Shell | Bio | Mat | BCS+ |
|----------|-------|-----------------------------------|------|-----|--------|-------|-----|-----|------|
| Column 1 | A 1   | 31                                | C.O. | 2   | 32.99  | 2     | 000 | I   | -    |
|          | B 1   |                                   |      |     | 32.08  | 1     | 1   |     | -    |
|          | C 1   |                                   |      |     | 36.00  |       | 1   |     | -    |
|          | D 1   |                                   |      |     | 32.64  |       |     |     | -    |
|          | E 1   |                                   |      |     | 34.57  |       |     |     | -    |
|          | F 1   |                                   |      |     | 30.80  |       |     |     | -    |
|          | G 1   |                                   |      |     | 23.10  |       |     |     | -    |
|          | H 1   |                                   |      |     | 31.33  |       |     |     | -    |
| Column 2 | A 2   |                                   |      |     | 33.50  |       |     |     | -    |
|          | B 2   |                                   |      |     | 32.26  | 1     | 1   | 1   | -    |
|          | C 2   |                                   |      |     | 33.73  | 1     | 1   | 1   | -    |
|          | D 2   | 34                                | C.O. | 2   | 46.98  | 2     | 000 | I   | -    |
|          | E 2   |                                   |      |     | 61.33  |       |     |     | -    |
|          | F 2   |                                   |      |     | 41.85  |       |     | +   | -    |
|          | G 2   |                                   |      |     | 35.12  |       |     | -   | -    |
|          | H 2   |                                   |      |     | 31.09  |       |     | 1   | -    |
| Column 3 | A 3   |                                   |      |     | 57.99  |       |     | 1   | -    |
|          | B 3   |                                   |      |     | 57.89  |       |     | 1   | -    |
|          | C 3   |                                   |      |     | 34.72  |       |     | -   | -    |
|          | D 3   | DO NOT TAKE SAMPLE - CONTROL WELL |      |     |        |       |     |     |      |
|          | E 3   |                                   |      |     | 56.35  |       |     | -   | -    |
|          | F 3   |                                   |      |     | 30.86  |       |     | -   | -    |
|          | G 3   |                                   |      |     | 47.26  |       |     | -   | -    |
|          | H 3   |                                   |      |     | 33.50  |       |     | -   | -    |
| Column 4 | A 4   |                                   |      |     | 38.35  |       |     | 1   | -    |
|          | B 4   |                                   |      |     | 41.58  |       |     | 1   | -    |
|          | C 4   |                                   |      |     | 38.60  |       |     | -   | -    |
|          | D 4   |                                   |      |     | 43.23  |       |     | -   | -    |
|          | E 4   |                                   |      |     | 42.70  |       |     | +   | -    |
|          | F 4   |                                   |      |     | 39.32  |       |     | -   | -    |
|          | G 4   |                                   |      |     | 55.24  |       |     | -   | -    |
|          | H 4   |                                   |      |     | 59.85  | 1     | 1   | 1   | -    |
| Column 5 | A 5   | 33                                | C.O. | 2   | 45.34  | 2     | 000 | I   | -    |
|          | B 5   |                                   |      |     | 46.10  |       |     | 1   | -    |
|          | C 5   |                                   |      |     | 40.47  |       |     | 1   | -    |
|          | D 5   |                                   |      |     | 22.10  |       |     | 1   | -    |
|          | E 5   |                                   |      |     | 32.05  |       |     | -   | -    |
|          | F 5   |                                   |      |     | 35.11  |       |     | -   | -    |
|          | G 5   | DO NOT TAKE SAMPLE - CONTROL WELL |      |     |        |       |     |     |      |
|          | H 5   |                                   |      |     | 37.57  |       |     | -   | -    |
| Column 6 | A 6   |                                   |      |     | 31.35  |       |     | -   | -    |
|          | B 6   |                                   |      |     | 44.26  |       |     | 1   | -    |
|          | C 6   |                                   |      |     | 24.107 |       |     | -   | -    |
|          | D 6   |                                   |      |     | 33.98  |       |     | -   | -    |
|          | E 6   |                                   |      |     | 39.22  |       |     | +   | -    |
|          | F 6   |                                   |      |     | 34.96  |       |     | -   | -    |
|          | G 6   |                                   |      |     | 24.32  |       |     | -   | -    |
|          | H 6   |                                   |      |     | 32.02  | 1     | 1   | 1   | -    |

|           | Well: | Haul #                            | Spp  | Sex | Size   | Shell | Bio | Mat | BCS+ |
|-----------|-------|-----------------------------------|------|-----|--------|-------|-----|-----|------|
| Column 7  | A 7   | 33                                | C.O. | 2   | 33.65  | 2     | 000 | I   | -    |
|           | B 7   |                                   |      |     | 33.35  |       |     | -   | -    |
|           | C 7   |                                   |      |     | 32.64  |       |     | -   | -    |
|           | D 7   |                                   |      |     | 33.80  |       |     | -   | -    |
|           | E 7   |                                   |      |     | 40.59  |       |     | 1   | -    |
|           | F 7   | 35                                | C.O. | 2   | 49.51  | 2     | 000 | F   | +    |
|           | G 7   |                                   |      |     | 41.31  |       |     | 1   | -    |
|           | H 7   |                                   |      |     | 54.01  |       |     | +   | -    |
| Column 8  | A 8   |                                   |      |     | 43.91  |       |     | -   | -    |
|           | B 8   |                                   |      |     | 37.49  |       |     | 1   | -    |
|           | C 8   |                                   |      |     | 33.110 |       |     | -   | -    |
|           | D 8   |                                   |      |     | 43.39  |       |     | -   | -    |
|           | E 8   |                                   |      |     | 46.16  |       |     | 1   | -    |
|           | F 8   | DO NOT TAKE SAMPLE - CONTROL WELL |      |     |        |       |     |     |      |
|           | G 8   |                                   |      |     | 42.14  |       |     | -   | -    |
|           | H 8   |                                   |      |     | 43.67  |       |     | -   | -    |
| Column 9  | A 9   |                                   |      |     | 35.97  |       |     | -   | -    |
|           | B 9   |                                   |      |     | 34.17  |       |     | -   | -    |
|           | C 9   |                                   |      |     | 52.78  |       |     | +   | -    |
|           | D 9   |                                   |      |     | 45.71  |       |     | +   | -    |
|           | E 9   |                                   |      |     | 36.52  |       |     | -   | -    |
|           | F 9   |                                   |      |     | 36.01  |       |     | -   | -    |
|           | G 9   |                                   |      |     | 35.57  |       |     | -   | -    |
|           | H 9   |                                   |      |     | 38.81  |       |     | -   | -    |
| Column 10 | A 10  |                                   |      |     | 47.75  |       |     | -   | -    |
|           | B 10  | DO NOT TAKE SAMPLE - CONTROL WELL |      |     |        |       |     |     |      |
|           | C 10  |                                   |      |     | 36.5   | +     | 1   | -   | -    |
|           | D 10  | 28                                | C.O. | 2   | 43.79  | 000   | I   | -   | -    |
|           | E 10  |                                   |      |     | 41.88  |       |     | -   | -    |
|           | F 10  |                                   |      |     | 46.52  |       |     | -   | -    |
|           | G 10  |                                   |      |     | 35.81  |       |     | -   | -    |
|           | H 10  |                                   |      |     | 38.64  |       |     | -   | -    |
| Column 11 | A 11  |                                   |      |     | 38.16  |       |     | -   | -    |
|           | B 11  |                                   |      |     | 32.010 |       |     | -   | -    |
|           | C 11  |                                   |      |     | 37.76  |       |     | -   | -    |
|           | D 11  |                                   |      |     | 32.84  |       |     | -   | -    |
|           | E 11  |                                   |      |     | 47.87  |       |     | -   | -    |
|           | F 11  |                                   |      |     | 31.76  |       |     | -   | -    |
|           | G 11  |                                   |      |     | 43.88  |       |     | -   | -    |
|           | H 11  |                                   |      |     | 57.32  |       |     | -   | -    |
| Column 12 | A 12  | DO NOT TAKE SAMPLE - CONTROL WELL |      |     |        |       |     |     |      |
|           | B 12  |                                   |      |     | 39.16  |       |     | -   | -    |
|           | C 12  |                                   |      |     | 42.94  |       |     | +   | -    |
|           | D 12  |                                   |      |     | 34.38  |       |     | 1   | -    |
|           | E 12  |                                   |      |     | 35.56  |       |     | -   | -    |
|           | F 12  |                                   |      |     | 46.87  |       |     | -   | -    |
|           | G 12  |                                   |      |     | 40.30  |       |     | 1   | -    |
|           | H 12  |                                   |      |     | 37.15  |       |     | -   | -    |

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

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**KEYS:**

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <b>Spp (species):</b><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <b>Sex:</b><br>1 = Male<br>2 = Female<br>3 = Unknown | <b>Size:</b><br>Carapace<br>Width in<br>mm<br>(tenths) | <b>Shell Condition:</b><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <b>Bio (Biometrics):</b><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <b>Mat</b><br><u>(maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <b>BCS+:</b><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 29

Vessel: 162

Keys & Comments on  
back

Collected By: Linda &amp; Jim / Erin

Leg: 314

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-------|-----|------|
| A 1   | 192    | CO                                | 1   | 78.43 | 2     | 16.97 | I   | -    |
| B 1   | 92     | CO                                | 1   | 81.72 | 2     | 14.44 | I   | -    |
| C 1   | 93     | CO                                | 1   | 80.30 | 2     | 12.66 | I   | -    |
| D 1   | 1      | CO                                | 1   | 59.71 | 2     | 7.6   | I   | -    |
| E 1   | 1      | CO                                | 1   | 86.25 | 2     | 14.77 | I   | -    |
| F 1   | 1      | CO                                | 1   | 63.01 | 2     | 13.04 | I   | -    |
| G 1   | 1      | CO                                | 1   | 88.97 | 3     | 20.32 | I   | -    |
| H 1   | 1      | CO                                | 1   | 73.78 | 2     | 15.57 | I   | -    |
| A 2   | 1      | CO                                | 1   | 80.28 | 2     | 13.14 | I   | -    |
| B 2   | 1      | CO                                | 1   | 56.10 | 2     | 10.69 | I   | -    |
| C 2   | 1      | CO                                | 1   | 72.07 | 2     | 11.57 | I   | -    |
| D 2   | 1      | CO                                | 1   | 74.89 | 2     | 14.94 | I   | -    |
| E 2   | 1      | CO                                | 2   | 68.64 | 2     | 000   | I   | -    |
| F 2   | 1      | CO                                | 2   | 61.52 | 2     | 000   | I   | -    |
| G 2   | 1      | CO                                | 2   | 59.06 | 2     | 000   | I   | -    |
| H 2   | 1      | CO                                | 2   | 58.79 | 2     | 000   | I   | -    |
| A 3   | 1      | CO                                | 2   | 52.05 | 2     | 000   | I   | -    |
| B 3   | 1      | CO                                | 1   | 71.51 | 2     | 11.17 | I   | -    |
| C 3   | 1      | CO                                | 1   | 56.70 | 2     | 10.47 | I   | -    |
| D 3   | 1      | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| E 3   | 1      | CO                                | 1   | 69.07 | 2     | 19.05 | I   | -    |
| F 3   | 1      | CO                                | 2   | 56.13 | 2     | 000   | I   | -    |
| G 3   | 1      | CO                                | 1   | 92.00 | 2     | 21.34 | I   | -    |
| H 3   | 194    | CO                                | 1   | 77.80 | 2     | 14.59 | I   | -    |
| A 4   | 1      | CO                                | 1   | 75.86 | 2     | 14.01 | I   | -    |
| B 4   | 1      | CO                                | 1   | 77.00 | 2     | 16.05 | I   | -    |
| C 4   | 194    | CO                                | 1   | 62.58 | 2     | 11.61 | I   | -    |
| D 4   | 194    | CO                                | 1   | 86.19 | 2     | 16.12 | I   | -    |
| E 4   | 194    | CO                                | 1   | 85.88 | 2     | 15.82 | I   | -    |
| F 4   | 194    | CO                                | 1   | 69.14 | 2     | 10.89 | I   | -    |
| G 4   | 1      | CO                                | 1   | 66.76 | 2     | 10.33 | I   | -    |
| H 4   | 1      | CO                                | 1   | 77.14 | 2     | 13.52 | I   | -    |
| A 5   | 1      | CO                                | 1   | 77.18 | 2     | 12.69 | I   | -    |
| B 5   | 1      | CO                                | 1   | 75.42 | 2     | 16.96 | I   | -    |
| C 5   | 1      | CO                                | 1   | 92.02 | 2     | 14.72 | I   | -    |
| D 5   | 1      | CO                                | 1   | 73.14 | 2     | 14.43 | I   | -    |
| E 5   | 1      | CO                                | 1   | 62.84 | 2     | 13.04 | I   | -    |
| F 5   | 1      | CO                                | 1   | 58.99 | 2     | 12.53 | I   | -    |
| G 5   | 1      | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| H 5   | 1      | CO                                | 1   | 80.82 | 2     | 18.32 | I   | -    |
| A 6   | 1      | CO                                | 1   | 80.67 | 2     | 12.52 | I   | -    |
| B 6   | 1      | CO                                | 1   | 77.38 | 2     | 14.21 | I   | -    |
| C 6   | 1      | CO                                | 1   | 83.79 | 2     | 15.29 | I   | -    |
| D 6   | 19     | CO                                | 2   | 31.81 | 2     | 000   | I   | -    |
| E 6   | 1      | 1                                 | 1   | 35.37 | 1     | 1     | 1   | -    |
| F 6   | 1      | 1                                 | 1   | 36.56 | 1     | 1     | 1   | -    |
| G 6   | 1      | 1                                 | 1   | 34.24 | 1     | 1     | 1   | -    |
| H 6   | 1      | 1                                 | 1   | 34.40 | 1     | 1     | 1   | -    |

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-----|-----|------|
| A 7   | 19     | CO                                | 2   | 33.35 | 2     | 000 | I   | -    |
| B 7   | 1      | 1                                 | 1   | 38.59 | 1     | 1   | 1   | -    |
| C 7   | 1      | 1                                 | 1   | 36.14 | 1     | 1   | 1   | -    |
| D 7   | 1      | 1                                 | 1   | 35.24 | 1     | 1   | 1   | -    |
| E 7   | 1      | 1                                 | 1   | 36.14 | 1     | 1   | 1   | -    |
| F 7   | 1      | 1                                 | 1   | 36.29 | 1     | 1   | 1   | -    |
| G 7   | 1      | 1                                 | 1   | 34.98 | 1     | 1   | 1   | -    |
| H 7   | 1      | 1                                 | 1   | 36.90 | 1     | 1   | 1   | -    |
| A 8   | 1      | 1                                 | 1   | 35.92 | 1     | 1   | 1   | -    |
| B 8   | 1      | 1                                 | 1   | 38.50 | 1     | 1   | 1   | -    |
| C 8   | 1      | 1                                 | 1   | 36.76 | 1     | 1   | 1   | -    |
| D 8   | 1      | 1                                 | 1   | 34.70 | 1     | 1   | 1   | -    |
| E 8   | 1      | 1                                 | 1   | 33.62 | 1     | 1   | 1   | -    |
| F 8   | 1      | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |     |     |      |
| G 8   | 1      | 1                                 | 1   | 35.48 | 1     | 1   | 1   | -    |
| H 8   | 1      | 1                                 | 1   | 38.38 | 1     | 1   | 1   | -    |
| A 9   | 20     | C.O.                              | 2   | 41.32 | 2     | 000 | I   | -    |
| B 9   | 1      | 1                                 | 1   | 48.97 | 1     | 1   | 1   | +    |
| C 9   | 1      | 1                                 | 1   | 44.85 | 1     | 1   | 1   | -    |
| D 9   | 1      | 1                                 | 1   | 37.69 | 1     | 1   | 1   | -    |
| E 9   | 1      | 1                                 | 1   | 35.80 | 1     | 1   | 1   | -    |
| F 9   | 1      | 1                                 | 1   | 33.55 | 1     | 1   | 1   | -    |
| G 9   | 1      | 1                                 | 1   | 38.10 | 1     | 1   | 1   | -    |
| H 9   | 1      | 1                                 | 1   | 37.96 | 1     | 1   | 1   | -    |
| A 10  | 1      | 1                                 | 1   | 39.99 | 1     | 1   | 1   | -    |
| B 10  | 1      | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |     |     |      |
| C 10  | 1      | 1                                 | 1   | 38.71 | 1     | 1   | 1   | -    |
| D 10  | 1      | 1                                 | 1   | 39.07 | 1     | 1   | 1   | -    |
| E 10  | 1      | 1                                 | 1   | 34.77 | 1     | 1   | 1   | -    |
| F 10  | 1      | 1                                 | 1   | 49.16 | 1     | 1   | 1   | -    |
| G 10  | 1      | 1                                 | 1   | 35.50 | 1     | 1   | 1   | -    |
| H 10  | 1      | 1                                 | 1   | 40.11 | 1     | 1   | 1   | -    |
| A 11  | 1      | 1                                 | 1   | 35.02 | 1     | 1   | 1   | -    |
| B 11  | 1      | 1                                 | 1   | 52.34 | 1     | 1   | 1   | -    |
| C 11  | 1      | 1                                 | 1   | 36.75 | 1     | 1   | 1   | -    |
| D 11  | 1      | 1                                 | 1   | 51.13 | 1     | 1   | 1   | -    |
| E 11  | 1      | 1                                 | 1   | 34.97 | 1     | 1   | 1   | -    |
| F 11  | 31     | C.O.                              | 2   | 32.14 | 2     | 000 | I   | -    |
| G 11  | 1      | 1                                 | 1   | 37.27 | 1     | 1   | 1   | -    |
| H 11  | 1      | 1                                 | 1   | 35.94 | 1     | 1   | 1   | -    |
| A 12  | 1      | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |     |     |      |
| B 12  | 1      | 1                                 | 1   | 41.34 | 1     | 1   | 1   | +    |
| C 12  | 1      | 1                                 | 1   | 35.12 | 1     | 1   | 1   | -    |
| D 12  | 1      | 1                                 | 1   | 36.51 | 1     | 1   | 1   | -    |
| E 12  | 1      | 1                                 | 1   | 36.75 | 1     | 1   | 1   | -    |
| F 12  | 1      | 1                                 | 1   | 32.46 | 1     | 1   | 1   | -    |
| G 12  | 1      | 1                                 | 1   | 33.72 | 1     | 1   | 1   | -    |
| H 12  | 1      | 1                                 | 1   | 30.89 | 1     | 1   | 1   | -    |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

06 - NBS index site start

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):<br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | Sex:<br>1 = Male<br>2 = Female<br>3 = Unknown | Size:<br>Carapace<br>Width in<br>mm<br>(tenths) | Shell Condition:<br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | Bio (Biometrics):<br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | Mat<br>(maturity):<br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | BCS+:<br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|---|---|---|---|--|---|
|   |   |   |   |   |  |   |

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 28Vessel: 162Collected By: Leah & JenLeg: 3Keys & Comments on  
back

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-------|-----|------|
| A 1   | 189    | CO                                | I   | 78.34 | 2     | 18.68 | I   | -    |
| B 1   |        | CO                                | I   | 61.30 | 3     | 9.33  | I   | -    |
| C 1   |        | CO                                | I   | 62.15 | 2     | 15.35 | I   | -    |
| D 1   |        | CO                                | I   | 47.50 | 4     | 8.49  | I   | -    |
| E 1   |        | CO                                | I   | 52.80 | 3     | 9.56  | I   | -    |
| F 1   |        | CO                                | I   | 75.42 | 2     | 16.13 | I   | -    |
| G 1   |        | CO                                | I   | 59.29 | 4     | 9.34  | I   | -    |
| H 1   |        | CO                                | I   | 69.92 | 2     | 14.84 | I   | -    |
| A 2   |        | CO                                | I   | 75.95 | 2     | 15.89 | I   | -    |
| B 2   |        | CO                                | I   | 65.36 | 2     | 14.19 | I   | -    |
| C 2   |        | CO                                | I   | 63.33 | 2     | 12.07 | I   | -    |
| D 2   |        | CO                                | I   | 74.21 | 2     | 15.93 | I   | -    |
| E 2   |        | CO                                | I   | 67.28 | 2     | 14.97 | I   | -    |
| F 2   |        | CO                                | I   | 86.36 | 2     | 20.38 | I   | -    |
| G 2   |        | CO                                | I   | 83.27 | 2     | 17.67 | I   | -    |
| H 2   | 190    | CO                                | I   | 66.31 | 2     | 14.52 | I   | -    |
| A 3   | 190    | CO                                | I   | 66.64 | 2     | 13.00 | I   | -    |
| B 3   | 189    | CO                                | I   | 71.04 | 2     | 15.18 | I   | -    |
| C 3   |        | CO                                | I   | 75.59 | 2     | 18.78 | I   | -    |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| E 3   |        | CO                                | I   | 74.58 | 2     | 15.89 | I   | -    |
| F 3   |        | CO                                | I   | 79.44 | 2     | 16.49 | I   | -    |
| G 3   |        | CO                                | I   | 94.22 | 3     | 24.32 | I   | -    |
| H 3   |        | CO                                | I   | 73.04 | 2     | 15.46 | I   | -    |
| A 4   |        | CO                                | I   | 76.55 | 3     | 16.90 | I   | -    |
| B 4   |        | CO                                | I   | 64.33 | 2     | 12.91 | I   | -    |
| C 4   |        | CO                                | I   | 79.32 | 3     | 16.47 | I   | -    |
| D 4   |        | CO                                | I   | 72.06 | 2     | 15.02 | I   | -    |
| E 4   |        | CO                                | I   | 56.73 | 3     | 8.64  | I   | +    |
| F 4   |        | CO                                | I   | 80.34 | 2     | 17.28 | I   | -    |
| G 4   |        | CO                                | I   | 57.90 | 2     | 11.11 | I   | -    |
| H 4   |        | CO                                | I   | 76.70 | 2     | 15.60 | I   | -    |
| A 5   |        | CO                                | I   | 87.74 | 2     | 20.90 | I   | -    |
| B 5   |        | CO                                | I   | 88.48 | 4     | 17.30 | I   | -    |
| C 5   |        | CO                                | I   | 80.19 | 2     | 15.71 | I   | -    |
| D 5   |        | CO                                | I   | 88.20 | 2     | 22.24 | I   | -    |
| E 5   | 189    | CO                                | I   | 85.12 | 2     | 19.16 | I   | -    |
| F 5   | 191    | CO                                | I   | 68.53 | 2     | 14.21 | I   | -    |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| H 5   |        | CO                                | I   | 52.63 | 2     | 9.75  | I   | -    |
| A 6   |        | CO                                | I   | 75.01 | 2     | 15.57 | I   | -    |
| B 6   |        | CO                                | I   | 71.84 | 2     | 15.35 | I   | -    |
| C 6   |        | CO                                | I   | 73.56 | 2     | 15.45 | I   | -    |
| D 6   |        | CO                                | I   | 66.42 | 2     | 9.74  | I   | +    |
| E 6   |        | CO                                | I   | 80.68 | 2     | 18.38 | I   | -    |
| F 6   |        | CO                                | I   | 74.12 | 2     | 17.58 | I   | -    |
| G 6   |        | CO                                | I   | 77.34 | 2     | 17.06 | I   | -    |
| H 6   |        | CO                                | I   | 71.46 | 2     | 16.45 | I   | -    |

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-------|-----|------|
| A 7   | 191    | CO                                | I   | 76.92 | 2     | 17.73 | I   | -    |
| B 7   |        | CO                                | I   | 62.24 | 2     | 14.79 | I   | -    |
| C 7   |        | CO                                | I   | 82.87 | 2     | 18.64 | I   | -    |
| D 7   |        | CO                                | I   | 81.62 | 2     | 17.75 | I   | -    |
| E 7   |        | CO                                | I   | 75.20 | 2     | 15.14 | I   | -    |
| F 7   |        | CO                                | I   | 86.87 | 2     | 15.47 | I   | -    |
| G 7   |        | CO                                | I   | 72.15 | 2     | 16.81 | I   | -    |
| H 7   |        | CO                                | I   | 75.76 | 2     | 16.39 | I   | -    |
| A 8   |        | CO                                | I   | 74.39 | 2     | 15.68 | I   | -    |
| B 8   |        | CO                                | I   | 71.83 | 2     | 16.23 | I   | -    |
| C 8   |        |                                   |     |       |       |       |     | *    |
| D 8   | 189    | CO                                | I   | 70.20 | 2     | 15.52 | I   | -    |
| E 8   | 189    | CO                                | I   | 60.81 | 2     | 12.28 | I   | -    |
| F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| G 8   | 191    | CO                                | I   | 52.37 | 2     | 8.31  | I   | -    |
| H 8   | 189    | CO                                | I   | 80.91 | 2     | 17.79 | I   | -    |
| A 9   |        | CO                                | I   | 83.82 | 2     | 14.93 | I   | -    |
| B 9   |        | CO                                | I   | 72.53 | 2     | 16.55 | I   | -    |
| C 9   |        | CO                                | I   | 78.08 | 2     | 16.17 | I   | -    |
| D 9   |        | CO                                | I   | 57.84 | 2     | 11.91 | I   | -    |
| E 9   |        | CO                                | I   | 76.95 | 2     | 17.43 | I   | -    |
| F 9   |        | CO                                | I   | 74.06 | 2     | 13.53 | I   | -    |
| G 9   |        | CO                                | I   | 69.94 | 2     | 16.23 | I   | -    |
| H 9   |        | CO                                | I   | 65.44 | 2     | 13.22 | I   | -    |
| A 10  |        | CO                                | I   | 73.82 | 2     | 16.10 | I   | -    |
| B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| C 10  |        | CO                                | I   | 72.19 | 2     | 16.91 | I   | -    |
| D 10  |        | CO                                | I   | 70.34 | 2     | 14.88 | I   | -    |
| E 10  |        | CO                                | I   | 57.53 | 2     | 10.98 | I   | -    |
| F 10  | 192    | CO                                | I   | 60.39 | 2     | 12.87 | I   | -    |
| G 10  |        | CO                                | I   | 60.92 | 2     | 13.00 | I   | -    |
| H 10  |        | CO                                | I   | 74.27 | 2     | 15.13 | I   | -    |
| A 11  |        | CO                                | I   | 80.92 | 2     | 20.23 | I   | -    |
| B 11  |        | CO                                | I   | 69.86 | 2     | 13.25 | I   | -    |
| C 11  |        | CO                                | I   | 70.11 | 2     | 13.65 | I   | -    |
| D 11  |        | CO                                | I   | 59.52 | 2     | 11.09 | I   | -    |
| E 11  |        | CO                                | I   | 68.21 | 2     | 10.97 | I   | -    |
| F 11  |        | CO                                | I   | 46.16 | 2     | 0.00  | I   | +    |
| G 11  |        | CO                                | I   | 44.02 | 2     | 11.06 | I   | -    |
| H 11  |        | CO                                | I   | 67.10 | 2     | 13.31 | I   | -    |
| A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| B 12  |        | CO                                | I   | 80.36 | 2     | 17.77 | I   | -    |
| C 12  |        | CO                                | I   | 70.45 | 2     | 15.80 | I   | -    |
| D 12  |        | CO                                | I   | 69.55 | 3     | 14.99 | I   | -    |
| E 12  |        | CO                                | I   | 81.37 | 2     | 19.89 | I   | -    |
| F 12  |        | CO                                | I   | 64.08 | 2     | 15.52 | I   | -    |
| G 12  |        | CO                                | I   | 68.94 | 2     | 13.61 | I   | -    |
| H 12  |        | CO                                | I   | 66.46 | 2     | 14.69 | I   | -    |

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry.

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio ";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or ✓ =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|--|--|--|--|--|--|
|---|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 27Vessel: 163Keys & Comments on  
backCollected By: Lori J.Leg: 3

| Well: | Haul #                            | Spp | Sex   | Size  | Shell | Bio   | Mat | BCS+ |
|-------|-----------------------------------|-----|-------|-------|-------|-------|-----|------|
| A 1   | 175                               | CB  | 1     | 32.52 | 2     | 4.12  | I   | -    |
| B 1   | 178                               | CB  | 1     | 47.07 | 2     | 4.86  | E   | -    |
| C 1   | 172                               | CB  | 1     | 48.73 | 2     | 4.85  | I   | -    |
| D 1   | 147                               | CB  | 1     | 58.83 | 2     | 8.10  | I   | -    |
| E 1   | 147                               | CB  | 1     | 43.05 | 2     | 4.38  | I   | -    |
| F 1   | 171                               | CB  | 1     | 41.63 | 2     | 6.38  | I   | -    |
| G 1   | 147                               | CB  | 1     | 77.72 | 2     | 9.62  | I   | -    |
| H 1   | 147                               | CB  | 2     | 48.93 | 2     | 000   | I   | -    |
| A 2   | 147                               | CB  | 1     | 59.91 | 2     | 7.24  | I   | -    |
| B 2   | 147                               | CB  | 2     | 41.11 | 2     | 000   | E   | -    |
| C 2   | 147                               | CB  | 2     | 45.23 | 2     | 000   | I   | -    |
| D 2   | 147                               | CB  | 1     | 55.91 | 2     | 5.87  | I   | -    |
| E 2   | 147                               | CB  | 1     | 53.77 | 2     | 6.29  | I   | -    |
| F 2   | 147                               | CB  | 1     | 52.96 | 2     | 6.66  | I   | -    |
| G 2   | 147                               | CB  | 1     | 59.93 | 2     | 7.71  | I   | -    |
| H 2   | 147                               | CB  | 2     | 22.12 | 2     | 000   | I   | -    |
| A 3   | 147                               | CB  | 1     | 47.07 | 2     | 9.57  | I   | +    |
| B 3   | 147                               | CB  | 1     | 62.85 | 2     | 8.43  | I   | -    |
| C 3   | 176                               | CB  | 1     | 67.36 | 2     | 14.54 | E   | -    |
| D 3   | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |       |     |      |
| E 3   | 176                               | CB  | 1     | 68.70 | 2     | 8.69  | E   | -    |
| F 3   | 176                               | CB  | 1     | 58.99 | 2     | 7.41  | I   | -    |
| G 3   | 176                               | CB  | 1     | 63.95 | 2     | 6.68  | I   | -    |
| H 3   | 176                               | CB  | 1     | 27.49 | 2     | 11.22 | I   | -    |
| A 4   | 176                               | CB  | 1     | 66.50 | 2     | 8.16  | I   | -    |
| B 4   | 176                               | CB  | 1     | 58.49 | 2     | 6.41  | I   | -    |
| C 4   | 176                               | CB  | 1     | 60.67 | 2     | 6.78  | I   | -    |
| D 4   | 176                               | CB  | 1     | 57.51 | 2     | 6.71  | I   | -    |
| E 4   | 176                               | CB  | 1     | 92.47 | 3     | 16.49 | I   | -    |
| F 4   | 176                               | CB  | 1     | 49.46 | 2     | 4.91  | I   | -    |
| G 4   | 176                               | CB  | 1     | 46.58 | 2     | 4.94  | I   | -    |
| H 4   | 176                               | CB  | 1     | 60.81 | 2     | 6.84  | I   | -    |
| A 5   | 176                               | CB  | 1     | 73.03 | 2     | 9.18  | I   | -    |
| B 5   | 176                               | CB  | 2     | 60.79 | 2     | 000   | I   | -    |
| C 5   | 176                               | CB  | 2     | 61.84 | 2     | 000   | E   | -    |
| D 5   | 176                               | CB  | 2     | 56.78 | 2     | 000   | I   | -    |
| E 5   | 176                               | CB  | 2     | 57.79 | 2     | 000   | I   | -    |
| F 5   | 176                               | CB  | 2     | 57.49 | 2     | 000   | I   | -    |
| G 5   | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |       |     |      |
| H 5   | 176                               | CB  | 2     | 64.89 | 2     | 000   | I   | -    |
| A 6   | 181                               | CO  | 1     | 85.23 | 2     | 22.18 | I   | -    |
| B 6   | CO                                | 1   | 74.58 | 2     | 16.68 | I     | -   |      |
| C 6   | CO                                | 1   | 79.77 | 2     | 16.76 | I     | -   |      |
| D 6   | CO                                | 1   | 56.43 | 2     | 10.81 | I     | -   |      |
| E 6   | CO                                | 1   | 85.29 | 2     | 20.91 | I     | -   |      |
| F 6   | CO                                | 1   | 71.57 | 2     | 16.55 | I     | -   |      |
| G 6   | CO                                | 1   | 87.63 | 2     | 20.92 | I     | -   |      |
| H 6   | CO                                | 1   | 80.80 | 2     | 18.58 | I     | -   |      |

| Well: | Haul #                            | Spp | Sex   | Size  | Shell | Bio   | Mat | BCS+ |
|-------|-----------------------------------|-----|-------|-------|-------|-------|-----|------|
| A 7   | 181                               | CO  | 1     | 92.21 | 2     | 22.97 | I   | -    |
| B 7   | CO                                | 1   | 70.47 | 3     | 14.42 | I     | -   |      |
| C 7   | CO                                | 1   | 87.26 | 2     | 20.91 | I     | -   |      |
| D 7   | CO                                | 1   | 89.70 | 2     | 21.31 | I     | -   |      |
| E 7   | CO                                | 1   | 75.25 | 2     | 16.90 | I     | -   |      |
| F 7   | 182                               | CO  | 1     | 78.57 | 2     | 16.31 | I   | -    |
| G 7   | 182                               | CO  | 1     | 72.37 | 3     | 16.87 | I   | -    |
| H 7   | 155                               | CO  | 2     | 50.25 | 3     | 4-1-4 | M   | -    |
| A 8   | CO                                | 2   | 46.18 | 3     | 4-1-4 | M     | -   |      |
| B 8   | CO                                | 2   | 47.61 | 3     | 4-1-5 | M     | -   |      |
| C 8   | CO                                | 2   | 59.67 | 3     | 4-1-4 | M     | -   |      |
| D 8   | CO                                | 2   | 45.79 | 3     | 4-1-4 | M     | -   |      |
| E 8   | CO                                | 2   | 48.88 | 3     | 4-1-5 | M     | -   |      |
| F 8   | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |       |     |      |
| G 8   | CO                                | 2   | 54.92 | 4     | 4-1-5 | M     | -   |      |
| H 8   | CO                                | 2   | 46.35 | 3     | 0-0-1 | M     | +   |      |
| A 9   | CO                                | 2   | 45.74 | 3     | 4-1-4 | M     | -   |      |
| B 9   | 189                               | CO  | 1     | 71.34 | 2     | 14.02 | I   | -    |
| C 9   | CO                                | 1   | 76.75 | 2     | 16.77 | I     | -   |      |
| D 9   | CO                                | 1   | 67.43 | 2     | 13.39 | I     | -   |      |
| E 9   | CO                                | 1   | 69.36 | 2     | 13.21 | I     | -   |      |
| F 9   | CO                                | 1   | 61.72 | 3     | 12.65 | I     | -   |      |
| G 9   | CO                                | 1   | 73.82 | 2     | 16.22 | I     | -   |      |
| H 9   | CO                                | 1   | 70.25 | 3     | 14.93 | I     | -   |      |
| A 10  | CO                                | 1   | 76.81 | 2     | 15.28 | I     | -   |      |
| B 10  | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |       |     |      |
| C 10  | CO                                | 1   | 70.82 | 3     | 14.47 | I     | -   |      |
| D 10  | CO                                | 1   | 65.45 | 2     | 12.06 | I     | -   |      |
| E 10  | CO                                | 1   | 52.15 | 3     | 9.63  | I     | -   |      |
| F 10  | CO                                | 1   | 60.71 | 2     | 12.12 | I     | -   |      |
| G 10  | CO                                | 1   | 71.94 | 2     | 15.31 | I     | -   |      |
| H 10  | CO                                | 1   | 61.75 | 3     | 12.70 | I     | -   |      |
| A 11  | CO                                | 1   | 78.73 | 2     | 16.60 | I     | -   |      |
| B 11  | CO                                | 1   | 67.41 | 2     | 15.14 | I     | -   |      |
| C 11  | CO                                | 1   | 63.77 | 3     | 13.90 | I     | -   |      |
| D 11  | CO                                | 1   | 66.09 | 2     | 13.37 | I     | -   |      |
| E 11  | CO                                | 1   | 65.32 | 2     | 14.13 | I     | -   |      |
| F 11  | CO                                | 1   | 57.74 | 4     | 10.96 | I     | -   |      |
| G 11  | CO                                | 1   | 82.08 | 2     | 16.14 | I     | -   |      |
| H 11  | CO                                | 1   | 83.95 | 2     | 19.52 | I     | +   |      |
| A 12  | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |       |     |      |
| B 12  | CO                                | 1   | 74.16 | 2     | 15.51 | I     | -   |      |
| C 12  | CO                                | 1   | 87.67 | 2     | 21.06 | I     | -   |      |
| D 12  | CO                                | 1   | 80.28 | 2     | 15.90 | I     | -   |      |
| E 12  | CO                                | 1   | 69.94 | 3     | 14.05 | I     | -   |      |
| F 12  | CO                                | 1   | 68.68 | 3     | 16.42 | I     | +   |      |
| G 12  | CO                                | 1   | 67.69 | 2     | 15.60 | I     | -   |      |
| H 12  | CO                                | 1   | 55.50 | 3     | 10.18 | I     | -   |      |

**NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)**

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

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**KEYS:**

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 26Vessel: 162Collected By: Jen & LeahLeg: 3

Keys &amp; Comments on back

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio   | Mat | BCS+ | Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio   | Mat | BCS+ |  |  |  |  |  |  |  |  |
|-------|--------|-----------------------------------|-----|--------|-------|-------|-----|------|-------|--------|-----------------------------------|-----|-------|-------|-------|-----|------|--|--|--|--|--|--|--|--|
| A 1   | 155    | CO                                | 2   | 49.23  | 3     | 4-1-6 | M   | -    | A 7   | 170    | CO                                | 2   | 44.34 | 3     | 4-1-4 | M   | -    |  |  |  |  |  |  |  |  |
| B 1   |        | CO                                | 2   | 49.82  | 3     | 4-1-5 | M   | -    | B 7   |        | CO                                | 2   | 32.35 | 3     | 4-1-4 | M   | -    |  |  |  |  |  |  |  |  |
| C 1   |        | CO                                | 2   | 53.48  | 4     | 4-1-4 | M   | -    | C 7   |        | CO                                | 2   | 45.57 | 3     | 4-1-4 | M   | -    |  |  |  |  |  |  |  |  |
| D 1   |        | CO                                | 2   | 45.25  | 3     | 4-1-5 | M   | -    | D 7   | 172    | CB                                | 2   | 53.17 | 2     | 000   | T   | -    |  |  |  |  |  |  |  |  |
| E 1   |        | CO                                | 2   | 49.95  | 4     | 4-1-4 | M   | -    | E 7   |        | CB                                | 2   | 63.83 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| F 1   |        | CO                                | 2   | 44.69  | 5     | 4-1-5 | M   | -    | F 7   |        | CB                                | 1   | 44.26 | 3     | 16.52 | I   | -    |  |  |  |  |  |  |  |  |
| G 1   |        | CO                                | 2   | 47.71  | 3     | 4-1-4 | M   | -    | G 7   |        | CB                                | 2   | 55.47 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| H 1   |        | CO                                | 2   | 51.40  | 3     | 4-1-5 | M   | -    | H 7   |        | CB                                | 1   | 69.07 | 2     | 7.70  | T   | -    |  |  |  |  |  |  |  |  |
| A 2   |        | CO                                | 2   | 49.35  | 3     | 4-1-5 | M   | -    | A 8   |        | CB                                | 1   | 65.73 | 2     | 7.58  | I   | -    |  |  |  |  |  |  |  |  |
| B 2   | 167    | CO                                | 2   | 44.50  | 3     | 4-1-5 | M   | -    | B 8   |        | CB                                | 1   | 52.54 | 2     | 6.12  | I   | -    |  |  |  |  |  |  |  |  |
| C 2   |        | CO                                | 2   | 49.95  | 3     | 4-1-6 | M   | -    | C 8   |        | CB                                | 1   | 54.98 | 2     | 5.94  | I   | +    |  |  |  |  |  |  |  |  |
| D 2   |        | CO                                | 2   | 40.23  | 3     | 4-1-5 | M   | -    | D 8   |        | CB                                | 1   | 69.59 | 2     | 7.86  | I   | -    |  |  |  |  |  |  |  |  |
| E 2   |        | CO                                | 2   | 47.38  | 3     | 4-1-5 | M   | -    | E 8   |        | CB                                | 1   | 60.02 | 2     | 6.87  | I   | -    |  |  |  |  |  |  |  |  |
| F 2   |        | CO                                | 2   | 46.71  | 3     | 4-1-5 | M   | -    | F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |  |  |  |  |  |  |  |  |
| G 2   |        | CO                                | 2   | 47.63  | 3     | 4-1-4 | M   | -    | G 8   |        | CO                                | 1   | 48.42 | 2     | 5.42  | I   | -    |  |  |  |  |  |  |  |  |
| H 2   |        | CO                                | 2   | 45.73  | 3     | 4-1-5 | M   | -    | H 8   |        | CB                                | 1   | 46.78 | 2     | 5.35  | I   | -    |  |  |  |  |  |  |  |  |
| A 3   |        | CO                                | 2   | 48.19  | 3     | 4-1-6 | M   | -    | A 9   |        | CB                                | 1   | 72.54 | 2     | 8.97  | I   | -    |  |  |  |  |  |  |  |  |
| B 3   |        | CO                                | 2   | 48.74  | 4     | 4-1-5 | M   | -    | B 9   |        | CB                                | 2   | 25.92 | 2     | 000   | I   | +    |  |  |  |  |  |  |  |  |
| C 3   |        | CO                                | 2   | 46.43  | 3     | 4-1-5 | M   | -    | C 9   |        | CB                                | 2   | 33.93 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |       |        |                                   |     |       |       |       |     |      |  |  |  |  |  |  |  |  |
| E 3   |        | CO                                | 1   | 105.72 | 3     | 26.58 | M   | -    | D 9   |        | CB                                | 2   | 30.67 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| F 3   |        | CO                                | 2   | 45.61  | 3     | 4-1-9 | M   | -    | E 9   |        | CB                                | 2   | 38.75 | 2     | 000   | T   | -    |  |  |  |  |  |  |  |  |
| G 3   |        | CO                                | 2   | 53.76  | 3     | 4-1-9 | M   | -    | F 9   |        | CB                                | 2   | 55.36 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| H 3   |        | CO                                | 2   | 50.43  | 3     | 4-1-5 | M   | -    | G 9   |        | CO                                | 2   | 22.34 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| A 4   |        | CO                                | 2   | 50.30  | 3     | 4-1-4 | M   | -    | H 9   |        | CB                                | 1   | 47.70 | 2     | 5.98  | I   | -    |  |  |  |  |  |  |  |  |
| B 4   |        | CO                                | 2   | 48.19  | 3     | 4-1-4 | M   | -    | A 10  | 173    | CB                                | 1   | 71.81 | 2     | 7.87  | I   | +    |  |  |  |  |  |  |  |  |
| C 4   |        | CO                                | 2   | 50.23  | 3     | 4-1-4 | M   | -    | B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |  |  |  |  |  |  |  |  |
| D 4   |        | CO                                | 2   | 46.92  | 3     | 4-1-4 | M   | -    | C 10  |        | CB                                | 1   | 59.55 | 2     | 10.87 | I   | -    |  |  |  |  |  |  |  |  |
| E 4   |        | CO                                | 2   | 47.34  | 3     | 4-1-4 | M   | -    | D 10  |        | CB                                | 1   | 43.11 | 2     | 4.50  | I   | +    |  |  |  |  |  |  |  |  |
| F 4   |        | CO                                | 2   | 51.43  | 3     | 4-1-6 | M   | -    | E 10  |        | CB                                | 1   | 39.43 | 2     | 3.96  | I   | -    |  |  |  |  |  |  |  |  |
| G 4   | 170    | CO                                | 1   | 116.09 | 3     | 28.72 | M   | -    | F 10  |        | CB                                | 1   | 56.31 | 2     | 6.60  | I   | +    |  |  |  |  |  |  |  |  |
| H 4   | 1      | CO                                | 1   | 101.95 | 4     | 26.25 | M   | -    | G 10  |        | CB                                | 1   | 49.91 | 2     | 5.91  | I   | -    |  |  |  |  |  |  |  |  |
| A 5   |        | CO                                | 1   | 112.36 | 3     | 27.82 | M   | -    | H 10  |        | CB                                | 1   | 33.33 | 2     | 3.56  | I   | -    |  |  |  |  |  |  |  |  |
| B 5   |        | CO                                | 2   | 51.83  | 3     | 4-1-5 | M   | -    | A 11  |        | CB                                | 1   | 39.89 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| C 5   |        | CO                                | 2   | 47.97  | 5     | 4-1-5 | M   | -    | B 11  |        | CB                                | 2   | 46.70 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| D 5   |        | CO                                | 2   | 49.79  | 3     | 4-1-4 | M   | -    | C 11  |        | CB                                | 2   | 42.49 | 2     | 000   | I   | +    |  |  |  |  |  |  |  |  |
| E 5   |        | CO                                | 2   | 52.11  | 3     | 4-1-5 | M   | -    | D 11  |        | CB                                | 2   | 38.39 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| F 5   |        | CO                                | 2   | 48.46  | 3     | 4-1-5 | M   | -    | E 11  |        | CB                                | 2   | 40.33 | 2     | 000   | I   | +    |  |  |  |  |  |  |  |  |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |       |        |                                   |     |       |       |       |     |      |  |  |  |  |  |  |  |  |
| H 5   |        | CO                                | 2   | 53.46  | 3     | 4-1-4 | M   | -    | F 11  |        | CB                                | 2   | 40.01 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| A 6   |        | CO                                | 2   | 45.21  | 3     | 4-1-6 | M   | -    | G 11  |        | CB                                | 2   | 53.22 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| B 6   |        | CO                                | 2   | 57.00  | 3     | 4-1-5 | M   | -    | H 11  |        | CB                                | 2   | 42.37 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| C 6   |        | CO                                | 2   | 48.30  | 3     | 4-1-4 | M   | -    | A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |  |  |  |  |  |  |  |  |
| D 6   |        | CO                                | 2   | 50.42  | 3     | 4-1-5 | M   | -    | B 12  |        | CB                                | 2   | 28.11 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| E 6   |        | CO                                | 2   | 48.03  | 3     | 4-1-4 | M   | -    | C 12  |        | CB                                | 2   | 40.14 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| F 6   |        | CO                                | 2   | 42.20  | 3     | 4-1-5 | M   | -    | D 12  |        | CB                                | 2   | 41.21 | 2     | 000   | I   | -    |  |  |  |  |  |  |  |  |
| G 6   |        | CO                                | 2   | 48.05  | 3     | 4-1-5 | M   | -    | E 12  | 172    | CB                                | 1   | 76.42 | 3     | 9.37  | I   | -    |  |  |  |  |  |  |  |  |
| H 6   |        | CO                                | 2   | 48.20  | 3     | 4-1-3 | M   | -    | F 12  | 172    | CB                                | 1   | 82.66 | 2     | 11.4  | I   | -    |  |  |  |  |  |  |  |  |

**NOTES:** Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

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**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio ";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or v =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|--|--|--|--|--|--|
|---|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 23

Vessel: AKKU 162

Collected By: PCP VCL / Jen Phan

Leg: 243

Keys &amp; Comments on back

| Well: | Haul # | Spp | Sex | Size  | Shell | Bio   | Mat | BCS+ |  | Well: | Haul # | Spp | Sex | Size  | Shell | Bio   | Mat                               | BCS+ |
|-------|--------|-----|-----|-------|-------|-------|-----|------|--|-------|--------|-----|-----|-------|-------|-------|-----------------------------------|------|
| A 1   | 120    | Co  | I   | 69.63 | 3     | 13.25 | I   | -    |  | A 7   | 133    | Co  | I   | 52.49 | 2     | 11.04 | I                                 | -    |
| B 1   | 120    |     | I   | 79.41 | 3     | 17.04 | F   | -    |  | B 7   | 133    | Co  | I   | 62.49 | 2     | 13.97 | F                                 | -    |
| C 1   | 120    |     | I   | 67.04 | 3     | 13.68 | F   | -    |  | C 7   | 143    | Co  | I   | 78.51 | 2     | 16.98 | F                                 | -    |
| D 1   | 121    | Co  | I   | 54.28 | 3     | 12.06 | I   | -    |  | D 7   | 146    | CB  | I   | 50.63 | 2     | 5.29  | I                                 | -    |
| E 1   | 120    | Co  | I   | 60.54 | 3     | 11.58 | F   | -    |  | E 7   | 146    | CB  | I   | 56.36 |       | 7.33  | I                                 | -    |
| F 1   | 124    | Co  | I   | 60.08 | 3     | 12.39 | F   | -    |  | F 7   | 146    | CB  | I   | 30.77 | 2     | 200   | I                                 | -    |
| G 1   | 124    | Co  | I   | 79.49 | 3     | 18.95 | F   | -    |  | G 7   | 146    | CB  | I   | 57.73 | 2     | NA    | I                                 | -    |
| H 1   | 124    | Co  | I   | 50.29 | 3     | 20.03 | F   | -    |  | H 7   | 146    | CB  | I   | 41.47 | 2     | 200   | F                                 | -    |
| A 2   | 117    | Co  | I   | 71.94 | 3     | 16.18 | I   | -    |  | A 8   | 146    | CB  | I   | 39.23 | 2     | 3.63  | I                                 | -    |
| B 2   |        |     | I   | 65.35 | 3     | 14.63 | F   | -    |  | B 8   | 146    | CB  | I   | 56.14 | 2     | 000   | I                                 | -    |
| C 2   |        |     | I   | 66.26 | 3     | 12.39 | F   | -    |  | C 8   | 146    | CB  | I   | 34.51 | 2     | 4.35  | I                                 | -    |
| D 2   |        |     | I   | 70.54 | 3     | 12.60 | F   | -    |  | D 8   | 146    | CB  | I   | 32.33 | 2     | 3.48  | I                                 | -    |
| E 2   |        |     | I   | 67.99 | 3     | 14.82 | F   | -    |  | E 8   | 146    | CB  | I   | 39.01 | 2     | 000   | I                                 | -    |
| F 2   |        |     | I   | 70.56 | 3     | 16.05 | I   | -    |  | F 8   |        |     |     |       |       |       | DO NOT TAKE SAMPLE - CONTROL WELL |      |
| G 2   |        |     | I   | 75.37 | 3     | 17.61 | I   | -    |  | G 8   | 146    | CB  | I   | 24.01 | 2     | 3.15  | I                                 | -    |
| H 2   |        |     | I   | 69.63 | 3     | 14.62 | I   | -    |  | H 8   | 146    | CB  | I   | 33.99 | 2     | 000   | I                                 | -    |
| A 3   |        |     | I   | 57.32 | 3     | 11.70 | F   | -    |  | A 9   | 146    | CB  | I   | 32.40 | 2     | 000   | I                                 | -    |
| B 3   |        |     | I   | 62.12 | 3     | 6.45  | F   | -    |  | B 9   | 146    | CB  | I   | 31.82 | 2     | 000   | I                                 | -    |
| C 3   |        |     | I   | 61.89 | 3     | 22.79 | F   | -    |  | C 9   | 146    | CB  | I   | 21.11 | 2     | 000   | I                                 | -    |
| D 3   |        |     |     |       |       |       |     |      |  | D 9   | 146    | CB  | I   | 30.52 | 2     | 000   | I                                 | -    |
| E 3   | 117    | Co  | I   | 61.92 | 3     | 13.14 | F   | -    |  | E 9   | 146    |     | I   | 81.81 | 2     | 14.41 | F                                 | -    |
| F 3   | 137    | Co  | I   | 92.14 | 2     | 16.46 |     |      |  | F 9   | 146    |     | I   | 4.94  | 2     | 5.89  | I                                 | -    |
| G 3   | 137    | Co  | I   | 90.3  | 3     | 15.59 | F   | -    |  | G 9   | 146    | CB  | I   | 32.58 | 2     | 000   | I                                 | -    |
| H 3   | 133    |     | I   | 72.25 | 2     | 16.13 | I   | -    |  | H 9   | 146    | Co  | I   | 30.92 | 2     | 000   | I                                 | -    |
| A 4   |        |     | I   | 71.47 | 2     | 15.97 |     |      |  | A 10  | 147    | CB  | I   | 81.13 | 2     | 000   | I                                 | -    |
| B 4   |        |     | I   | 81.28 | 2     | 18.1  |     |      |  | B 10  |        |     |     |       |       |       | DO NOT TAKE SAMPLE - CONTROL WELL |      |
| C 4   |        |     | I   | 67.56 | 2     | 14.47 |     |      |  | C 10  | 147    | CB  | I   | 52.4  | 2     | 000   | I                                 | -    |
| D 4   |        |     | I   | 79.87 | 2     | 18.64 |     |      |  | D 10  | 147    | CB  | I   | 72.80 | 2     | 000   | I                                 | -    |
| E 4   |        |     | I   | 59.04 | 2     | 13.7  |     |      |  | E 10  | 147    | CB  | I   | 35.08 | 2     | 3.63  | I                                 | -    |
| F 4   |        |     | I   | 80.75 | 2     | 18.68 |     |      |  | F 10  | 147    | CB  | I   | 44.87 | 2     | 000   | I                                 | -    |
| G 4   |        |     | I   | 73.53 | 2     | 17.33 |     |      |  | G 10  | 147    | CB  | I   | 55.22 | 2     | 000   | I                                 | -    |
| H 4   |        |     | I   | 76.44 | 2     | 17.70 |     |      |  | H 10  | 147    | CB  | I   | 53.21 | 2     | 9.20  | F                                 | -    |
| A 5   |        |     | I   | 62.91 | 2     | 13.21 |     |      |  | A 11  | 147    | Co  | I   | 64.39 | 2     | 7.85  | F                                 | -    |
| B 5   |        |     | I   | 92.67 | 2     | 21.52 |     |      |  | B 11  | 147    | CB  | I   | 59.83 | 2     | 000   | I                                 | -    |
| C 5   |        |     | I   | 89.28 | 2     | 20.58 |     |      |  | C 11  | 147    | CB  | I   | 33.33 | 2     | 3.27  | I                                 | -    |
| D 5   |        |     | I   | 77.1  | 2     | 12.52 |     |      |  | D 11  | 147    | CB  | I   | 62.97 | 2     | 8.11  | F                                 | -    |
| E 5   |        |     | I   | 79.33 | 2     | 19.36 |     |      |  | E 11  | 147    | CB  | I   | 21.32 | 2     | 6.82  | F                                 | -    |
| F 5   |        |     | I   | 62.68 | 2     | 15.08 |     |      |  | F 11  | 147    | CB  | I   | 6.91  | 2     | 7.71  | I                                 | -    |
| G 5   |        |     |     |       |       |       |     |      |  | G 11  | 147    | CB  | I   | 57.56 | 2     | 000   | I                                 | -    |
| H 5   |        |     | I   | 59.12 | 2     | 13.11 |     |      |  | H 11  | 147    | CB  | I   | 51.88 | 2     | 000   | I                                 | -    |
| A 6   |        |     | I   | 96.77 | 2     | 22.51 |     |      |  | A 12  |        |     |     |       |       |       | DO NOT TAKE SAMPLE - CONTROL WELL |      |
| B 6   |        |     | I   | 76.66 | 2     | 12.06 | F   | -    |  | B 12  | 147    | CB  | I   | 39.36 | 2     | 4.31  | I                                 | -    |
| C 6   |        |     | I   | 81.20 | 2     | 19.4  | F   | -    |  | C 12  | 147    | CB  | I   | 51.72 | 2     | 7.01  | I                                 | -    |
| D 6   |        |     | I   | 75.43 | 2     | 15.5  | I   | -    |  | D 12  | 147    | CB  | I   | 58.96 | 2     | NA    | I                                 | -    |
| E 6   |        |     | I   | 59.79 | 2     | 2.64  | F   | -    |  | E 12  | 147    | Co  | I   | 57.34 | 2     | 6.8   | I                                 | -    |
| F 6   |        |     | I   | 56.84 | 2     | 11.0  | I   | -    |  | F 12  | 147    | CB  | I   | 55.14 | 2     | 7.18  | F                                 | -    |
| G 6   |        |     | I   | 52.11 | 2     | 9.13  | F   | -    |  | G 12  | 152    | Co  | I   | 98.80 | 2     | 24.02 | M                                 | -    |
| H 6   | 133    | Co  | I   | 67.78 | 2     | 15.7  |     |      |  | H 12  | 152    | Co  | I   | 98.13 | 2     | 23.25 | M                                 | -    |

**NOTES:** Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or v =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 25Vessel: ACK 162Collected By: Ten LeachLeg: 3

Keys &amp; Comments on back

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|-------|-----|------|
| A 1   | 155    | CO                                | M   | 70.69  | 3     | 15.00 | M   | -    |
| B 1   |        | CO                                | M   | 89.21  | 2     | 18.61 | M   | -    |
| C 1   |        | CO                                | 2   | 49.62  | 3     | 9-1-5 | M   | -    |
| D 1   |        | CO                                | 2   | 52.98  | 3     | 4-1-5 | M   | -    |
| E 1   |        | CO                                | 2   | 51.57  | 3     | 4-1-4 | M   | -    |
| F 1   |        | CO                                | 2   | 46.41  | 3     | 9-1-4 | M   | -    |
| G 1   |        | CO                                | 2   | 48.00  | 3     | 4-1-5 | M   | -    |
| H 1   |        | CO                                | 1   | 95.51  | 3     | 21.30 | M   | -    |
| A 2   |        | CO                                | 2   | 51.51  | 2     | 4-1-5 | M   | -    |
| B 2   |        | CO                                | 2   | 53.14  | 2     | 4-1-5 | M   | -    |
| C 2   |        | CO                                | 2   | 46.12  | 3     | 4-1-5 | M   | -    |
| D 2   |        | CO                                | 2   | 49.50  | 3     | 4-1-5 | M   | -    |
| E 2   |        | CO                                | 2   | 44.84  | 3     | 4-1-5 | M   | -    |
| F 2   |        | CO                                | 2   | 50.87  | 3     | 4-1-5 | M   | -    |
| G 2   |        | CO                                | 2   | 46.69  | 3     | 4-1-5 | M   | -    |
| H 2   |        | CO                                | 1   | 101.10 | 3     | 23.19 | M   | -    |
| A 3   |        | CO                                | 2   | 51.35  | 3     | 4-1-4 | M   | -    |
| B 3   |        | CO                                | 2   | 48.33  | 3     | 4-1-4 | M   | -    |
| C 3   |        | CO                                | 2   | 47.50  | 3     | 4-1-5 | M   | -    |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| E 3   |        | CO                                | 2   | 48.73  | 3     | 4-1-5 | M   | -    |
| F 3   |        | CO                                | 2   | 50.24  | 3     | 4-1-5 | M   | -    |
| G 3   |        | CO                                | 2   | 52.56  | 3     | 4-1-5 | M   | -    |
| H 3   |        | CO                                | 2   | 50.34  | 3     | 4-1-4 | M   | -    |
| A 4   |        | CO                                | 2   | 48.21  | 3     | 4-1-6 | M   | -    |
| B 4   |        | CO                                | 2   | 49.48  | 3     | 4-1-6 | M   | -    |
| C 4   |        | CO                                | 2   | 48.08  | 3     | 4-1-3 | M   | -    |
| D 4   |        | CO                                | 2   | 48.22  | 3     | 4-1-5 | M   | -    |
| E 4   |        | CO                                | 2   | 51.10  | 3     | 4-1-5 | M   | -    |
| F 4   |        | CO                                | 2   | 49.85  | 2     | 4-1-5 | M   | -    |
| G 4   |        | CO                                | 2   | 43.62  | 3     | 4-1-5 | M   | -    |
| H 4   |        | CO                                | 2   | 48.84  | 3     | 4-1-4 | M   | -    |
| A 5   |        | CO                                | 2   | 45.93  | 3     | 4-1-5 | M   | -    |
| B 5   |        | CO                                | 2   | 46.61  | 3     | 4-1-5 | M   | -    |
| C 5   |        | CO                                | 2   | 44.04  | 3     | 4-1-5 | M   | -    |
| D 5   |        | CO                                | 2   | 47.46  | 3     | 4-1-6 | M   | -    |
| E 5   |        | CO                                | 2   | 47.15  | 3     | 4-1-5 | M   | -    |
| F 5   |        | CO                                | 2   | 45.97  | 3     | 4-1-4 | M   | -    |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| H 5   |        | CO                                | 2   | 49.23  | 3     | 4-1-4 | M   | -    |
| A 6   |        | CO                                | 2   | 45.16  | 3     | 4-1-4 | M   | -    |
| B 6   |        | CO                                | 2   | 46.13  | 3     | 4-1-3 | M   | -    |
| C 6   | 157    | CO                                | 1   | 106.51 | 4     | 27.92 | M   | -    |
| D 6   |        | CO                                | 1   | 100.19 | 4     | 22.14 | M   | -    |
| E 6   |        | CO                                | 1   | 94.03  | 4     | 26.34 | M   | -    |
| F 6   |        | CO                                | 1   | 105.15 | 4     | 23.52 | M   | -    |
| G 6   |        | CO                                | 1   | 105.80 | 3     | 23.86 | M   | -    |
| H 6   |        | CO                                | 1   | 106.61 | 3     | 26.68 | M   | -    |

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|-------|-----|------|
| A 7   | 157    | CO                                | 1   | 96.13  | 3     | 25.20 | M   | -    |
| B 7   |        | CO                                | 1   | 102.21 | 3     | 23.74 | M   | -    |
| C 7   |        | CO                                | 1   | 97.24  | 2     | 23.33 | M   | -    |
| D 7   |        | CO                                | 1   | 99.97  | 3     | 21.72 | M   | -    |
| E 7   |        | CO                                | 2   | 41.15  | 3     | 4-1-5 | M   | -    |
| F 7   |        | CO                                | 2   | 62.71  | 3     | 4-1-4 | M   | -    |
| G 7   |        | CO                                | 2   | 51.28  | 3     | 4-1-5 | M   | -    |
| H 7   |        | CO                                | 2   | 50.63  | 3     | 4-1-3 | M   | -    |
| A 8   |        | CO                                | 2   | 55.78  | 3     | 4-1-5 | M   | -    |
| B 8   |        | CO                                | 2   | 50.30  | 3     | 4-1-5 | M   | -    |
| C 8   |        | CO                                | 2   | 44.78  | 3     | 4-1-6 | M   | -    |
| D 8   |        | CO                                | 2   | 43.00  | 3     | 4-1-5 | M   | -    |
| E 8   | 157    | CO                                | 2   | 47.66  | 3     | 4-1-5 | M   | -    |
| F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| G 8   | 155    | CO                                | 2   | 50.50  | 2     | 4-1-5 | M   | -    |
| H 8   | 161    | CO                                | 1   | 63.72  | 2     | 9.46  | I   | -    |
| A 9   |        | CO                                | 1   | 55.92  | 3     | 11.29 | I   | -    |
| B 9   |        | CO                                | 1   | 71.04  | 2     | 11.13 | I   | -    |
| C 9   |        | CO                                | 1   | 67.55  | 2     | 10.99 | I   | -    |
| D 9   |        | CO                                | 2   | 55.65  | 2     | 0-0-0 | I   | -    |
| E 9   |        | CO                                | 1   | 64.13  | 2     | 9.81  | I   | -    |
| F 9   |        | CO                                | 1   | 76.00  | 2     | 12.18 | I   | -    |
| G 9   |        | CO                                | 1   | 65.96  | 2     | 11.81 | I   | -    |
| H 9   |        | CO                                | 1   | 71.97  | 2     | 11.78 | I   | -    |
| A 10  |        | CO                                | 1   | 75.3   | 2     | 15.12 | I   | -    |
| B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| C 10  |        | CO                                | 1   | 57.94  | 3     | 11.70 | I   | -    |
| D 10  |        | CO                                | 1   | 75.21  | 2     | 12.32 | I   | -    |
| E 10  |        | CO                                | 1   | 60.36  | 2     | 8.60  | I   | -    |
| F 10  |        | CO                                | 1   | 73.01  | 2     | 12.61 | I   | -    |
| G 10  |        | CO                                | 1   | 69.47  | 2     | 10.64 | I   | -    |
| H 10  |        | CO                                | 1   | 85.82  | 2     | 14.07 | I   | -    |
| A 11  |        | CO                                | 1   | 69.81  | 2     | 12.22 | I   | -    |
| B 11  |        | CO                                | 1   | 65.97  | 2     | 9.89  | I   | -    |
| C 11  |        | CO                                | 1   | 70.95  | 2     | 11.09 | I   | -    |
| D 11  |        | CO                                | 1   | 70.03  | 2     | 13.18 | I   | -    |
| E 11  | 166    | CO                                | 2   | 48.45  | 2     | 4-1-2 | M   | -    |
| F 11  | 155    | CO                                | 2   | 52.00  | 3     | 4-1-5 | M   | -    |
| G 11  |        | CO                                | 2   | 52.36  | 3     | 4-1-5 | M   | -    |
| H 11  |        | CO                                | 2   | 52.92  | 3     | 4-1-5 | M   | -    |
| A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| B 12  |        | CO                                | 2   | 50.30  | 3     | 4-1-4 | M   | -    |
| C 12  |        | CO                                | 2   | 50.67  | 3     | 4-1-6 | M   | -    |
| D 12  |        | CO                                | 2   | 50.14  | 3     | 4-1-5 | M   | -    |
| E 12  |        | CO                                | 2   | 61.55  | 3     | 4-1-5 | M   | -    |
| F 12  |        | CO                                | 2   | 51.97  | 3     | 4-1-5 | M   | -    |
| G 12  |        | CO                                | 2   | 51.26  | 3     | 4-1-4 | M   | -    |
| H 12  |        | CO                                | 2   | 51.64  | 3     | 4-1-5 | M   | -    |

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

A1 & B1 are too small for male mature size cut off,  
we realized this and drew 2 more blood samples for b  
this haul (so A1 & B1 can be eliminated)

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):<br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | Sex:<br>1 = Male<br>2 = Female<br>3 = Unknown | Size:<br>Carapace<br>Width in<br>mm<br>(tenths) | Shell Condition:<br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | Bio (Biometrics):<br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | Mat<br>(maturity):<br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | BCS+:<br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|---|---|---|---|--|---|
|   |   |   |   |   |  |   |

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 21

Vessel: 94

Collected By: FF

Leg: 2

Keys &amp; Comments on back

|           | Well: | Haul # | Spp | Sex | Size                              | Shell | Bio                               | Mat | BCS+        |   |   |  |  |  |
|-----------|-------|--------|-----|-----|-----------------------------------|-------|-----------------------------------|-----|-------------|---|---|--|--|--|
| Column 1  | A 1   | 133    | CO  | M   | 40.51                             | 3     | 6.21                              | T   | N           |   |   |  |  |  |
| Column 2  | B 1   |        |     | M   | 52.97                             | 2     | 9.29                              | T   | (+)         |   |   |  |  |  |
| Column 3  | C 1   |        |     | M   | 66.62                             | 2     | 11.01                             |     | N           |   |   |  |  |  |
| Column 4  | D 1   |        |     | M   | 51.17                             | 2     | 8.62                              |     |             |   |   |  |  |  |
| Column 5  | E 1   |        |     | M   | 48.20                             | 2     | 7.97                              |     |             |   |   |  |  |  |
| Column 6  | F 1   |        |     | M   | 60.51                             | 2     | 10.38                             |     |             |   |   |  |  |  |
| Column 7  | G 1   |        |     | M   | 49.03                             | R     | 7.50                              |     |             |   |   |  |  |  |
| Column 8  | H 1   | 132    | CO  | F   | 51.68                             | 2     | 0.00                              |     |             |   |   |  |  |  |
| Column 9  | A 2   |        |     | M   | 59.91                             | 2     | 9.50                              |     |             |   |   |  |  |  |
| Column 10 | B 2   |        |     | M   | 73.36                             | 2     | 11.71                             |     |             |   |   |  |  |  |
| Column 11 | C 2   |        |     | F   | 55.34                             | 2     | 0.00                              | I   |             |   |   |  |  |  |
| Column 12 | D 2   |        |     | F   | 54.14                             | 2     | 0.00                              |     |             |   |   |  |  |  |
| Column 13 | E 2   |        |     | M   | 61.43                             | 2     | 10.75                             |     |             |   |   |  |  |  |
| Column 14 | F 2   |        |     | M   | 70.59                             | 2     | 12.01                             |     |             |   |   |  |  |  |
| Column 15 | G 2   |        |     | M   | 61.21                             | 2     | 10.18                             |     |             |   |   |  |  |  |
| Column 1  | H 2   |        |     | M   | 45.92                             | 2     | 12.18                             |     |             |   |   |  |  |  |
| Column 2  | A 3   |        |     | M   | 59.82                             | 2     | 10.03                             |     |             |   |   |  |  |  |
| Column 3  | B 3   |        |     | M   | 68.09                             | 2     | 11.73                             |     |             |   |   |  |  |  |
| Column 4  | C 3   |        |     | M   | 56.80                             | 2     | 9.33                              |     |             |   |   |  |  |  |
| Column 5  | D 3   |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |                                   |     |             |   |   |  |  |  |
| Column 6  | E 3   |        |     | M   | 65.89                             | 2     | 11.74                             |     |             |   |   |  |  |  |
| Column 7  | F 3   |        |     | M   | 54.27                             | 2     | 9.31                              |     |             |   |   |  |  |  |
| Column 8  | G 3   |        |     | M   | 65.16                             | 2     | 10.64                             |     |             |   |   |  |  |  |
| Column 9  | H 3   |        |     | M   | 67.57                             | 2     | 12.15                             |     |             |   |   |  |  |  |
| Column 10 | A 4   |        |     | M   | 65.31                             | 2     | 10.78                             |     |             |   |   |  |  |  |
| Column 11 | B 4   |        |     | M   | 54.38                             | 2     | 9.14                              |     |             |   |   |  |  |  |
| Column 12 | C 4   |        |     | M   | 52.10                             | 2     | 8.93                              |     |             |   |   |  |  |  |
| Column 13 | D 4   | 132    | CO  | M   | 58.41                             | 2     | 10.01                             | T   | N           |   |   |  |  |  |
| Column 14 | E 4   | 159    | CO  | M   | 69.22                             | 2     | 11.29                             | I   | N           |   |   |  |  |  |
| Column 15 | F 4   |        |     | CO  | 28                                | 2     | 10.21                             | I   | N           |   |   |  |  |  |
| Column 1  | G 4   |        |     | M   | 59.25                             | 2     | 11.90                             | I   | N           |   |   |  |  |  |
| Column 2  | H 4   |        |     | M   | 67.82                             | 2     | 12.32                             | T   | N           |   |   |  |  |  |
| Column 3  | A 5   |        |     | M   | 62.86                             | 2     | 11.04                             | T   | N           |   |   |  |  |  |
| Column 4  | B 5   |        |     | M   | 69.06                             | 2     | 11.11                             | T   | N           |   |   |  |  |  |
| Column 5  | C 5   |        |     | M   | 61.96                             | 2     | 9.00                              | T   | N           |   |   |  |  |  |
| Column 6  | D 5   |        |     | M   | 75.44                             | 2     | 13.06                             | T   | N           |   |   |  |  |  |
| Column 7  | E 5   |        |     | M   | 73.11                             | 2     | 12.83                             | T   | N           |   |   |  |  |  |
| Column 8  | F 5   |        |     | M   | 72.88                             | 2     | 12.69                             | I   | N           |   |   |  |  |  |
| Column 9  | G 5   |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |                                   |     |             |   |   |  |  |  |
| Column 10 | H 5   |        |     | M   | 61.85                             | 2     | 10.07                             | I   | N           |   |   |  |  |  |
| Column 11 | A 6   |        |     | M   | 70.46                             | 2     | 16.02                             | I   | N           |   |   |  |  |  |
| Column 12 | B 6   |        |     | M   | 57.49                             | 3     | 9.84                              | T   | N           |   |   |  |  |  |
| Column 13 | C 6   |        |     | M   | 65.71                             | 2     | 10.63                             | I   | N           |   |   |  |  |  |
| Column 14 | D 6   |        |     | M   | 65.54                             | 2     | 11.09                             | I   | N           |   |   |  |  |  |
| Column 15 | E 6   |        |     | M   | 56.67                             | 2     | 9.50                              | T   | N           |   |   |  |  |  |
| Column 1  | F 6   |        |     | M   | 63.22                             | 2     | 10.07                             | I   | N           |   |   |  |  |  |
| Column 2  | G 6   |        |     | M   | 57.04                             | 2     | 12.82                             | T   | N           |   |   |  |  |  |
| Column 3  | H 6   | 163    | CO  | M   | 55.65                             | 2     | 11.16                             | T   | N           |   |   |  |  |  |
| Column 4  | A 7   | 163    | CO  | M   | 60.45                             | 2     | 12.51                             | I   | N           |   |   |  |  |  |
| Column 5  | B 7   |        |     |     |                                   |       | 72.98                             |     |             | I | N |  |  |  |
| Column 6  | C 7   |        |     |     |                                   |       | 72.97                             |     |             | I | N |  |  |  |
| Column 7  | D 7   |        |     |     |                                   |       | 62.95                             |     |             | I | N |  |  |  |
| Column 8  | E 7   |        |     |     |                                   |       | 71.19                             |     |             | I | N |  |  |  |
| Column 9  | F 7   |        |     |     |                                   |       | 67.73                             |     |             | I | N |  |  |  |
| Column 10 | G 7   |        |     |     |                                   |       | 59.48                             |     |             | I | N |  |  |  |
| Column 11 | H 7   |        |     |     |                                   |       | 74.70                             |     |             | I | N |  |  |  |
| Column 12 | A 8   |        |     |     |                                   |       | 55.84                             |     |             | I | N |  |  |  |
| Column 13 | B 8   |        |     |     |                                   |       | 59.05                             |     |             | I | N |  |  |  |
| Column 14 | C 8   |        |     |     |                                   |       | 59.37                             |     |             | I | N |  |  |  |
| Column 15 | D 8   |        |     |     |                                   |       | 50.66                             |     |             | I | N |  |  |  |
| Column 1  | E 8   |        |     |     |                                   |       | 73.86                             |     |             | I | N |  |  |  |
| Column 2  | F 8   |        |     |     |                                   |       | DO NOT TAKE SAMPLE - CONTROL WELL |     |             |   |   |  |  |  |
| Column 3  | G 8   |        |     |     |                                   |       | 57.92                             |     |             | I | N |  |  |  |
| Column 4  | H 8   |        |     |     |                                   |       | 57.13                             |     |             | I | N |  |  |  |
| Column 5  | A 9   |        |     |     |                                   |       | 74.79                             |     |             | I | N |  |  |  |
| Column 6  | B 9   |        |     |     |                                   |       | 68.76                             |     |             | I | N |  |  |  |
| Column 7  | C 9   |        |     |     |                                   |       | 54.53                             |     |             | I | N |  |  |  |
| Column 8  | D 9   |        |     |     |                                   |       | 73.18                             |     |             | I | N |  |  |  |
| Column 9  | E 9   |        |     |     |                                   |       | 46.76                             |     |             | I | N |  |  |  |
| Column 10 | F 9   |        |     |     |                                   |       | 68.38                             |     |             | I | N |  |  |  |
| Column 11 | G 9   | 164    | CO  | M   | 67.05                             | 2     | 15.02                             | I   | N           |   |   |  |  |  |
| Column 12 | H 9   |        |     |     |                                   |       | 72.07                             |     |             | I | N |  |  |  |
| Column 13 | A 10  |        |     |     |                                   |       | 54.23                             | 3   | 11.19       |   |   |  |  |  |
| Column 14 | B 10  |        |     |     |                                   |       | DO NOT TAKE SAMPLE - CONTROL WELL |     |             |   |   |  |  |  |
| Column 15 | C 10  |        |     |     |                                   |       | 53.90                             | 2   | 12.25       |   |   |  |  |  |
| Column 1  | D 10  |        |     |     |                                   |       | 66.95                             | 3   | 13.75       |   |   |  |  |  |
| Column 2  | E 10  |        |     |     |                                   |       | 59.87                             | 3   | 12.40       |   |   |  |  |  |
| Column 3  | F 10  |        |     |     |                                   |       | 54.17                             | 3   | 10.73       |   |   |  |  |  |
| Column 4  | G 10  |        |     |     |                                   |       | 54.86                             | 3   | 11.42       |   |   |  |  |  |
| Column 5  | H 10  |        |     |     |                                   |       | 53.18                             | 3   | 10.72       |   |   |  |  |  |
| Column 6  | A 11  |        |     |     |                                   |       | 54.39                             | 3   | 11.41       |   |   |  |  |  |
| Column 7  | B 11  |        |     |     |                                   |       | 64.10                             | 3   | "no chitin" |   |   |  |  |  |
| Column 8  | C 11  |        |     |     |                                   |       | 59.51                             | 3   | 13.16       |   |   |  |  |  |
| Column 9  | D 11  |        |     |     |                                   |       | 63.89                             | 3   | 14.83       |   |   |  |  |  |
| Column 10 | E 11  |        |     |     |                                   |       | 47.91                             | 3   | 9.31        |   |   |  |  |  |
| Column 11 | F 11  |        |     |     |                                   |       | 56.79                             | 3   | 12.28       |   |   |  |  |  |
| Column 12 | G 11  |        |     |     |                                   |       | 54.35                             | 3   | 11.76       |   |   |  |  |  |
| Column 13 | H 11  |        |     |     |                                   |       | 57.09                             | 2   | 12.03       |   |   |  |  |  |
| Column 14 | A 12  |        |     |     |                                   |       | DO NOT TAKE SAMPLE - CONTROL WELL |     |             |   |   |  |  |  |
| Column 15 | B 12  |        |     |     |                                   |       | 65.57                             | 3   | 15.51       |   |   |  |  |  |
| Column 1  | C 12  |        |     |     |                                   |       | 46.34                             | 3   | 9.66        |   |   |  |  |  |
| Column 2  | D 12  |        |     |     |                                   |       | 57.36                             | 4   | 12.52       |   |   |  |  |  |
| Column 3  | E 12  | 165    | CO  | M   | 61.56                             | 3     | 13.66                             | T   | N           |   |   |  |  |  |
| Column 4  | F 12  |        |     |     |                                   |       | 54.04                             | 3   | 10.11       |   |   |  |  |  |
| Column 5  | G 12  |        |     |     |                                   |       | 61.59                             | 3   | 13.06       |   |   |  |  |  |
| Column 6  | H 12  |        |     |     |                                   |       | 52.26                             | 3   | 9.99        |   |   |  |  |  |

Please fill out data sheet completely. Do not leave blanks; missing data can cause the sample to be thrown out.

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

**KEYS:**

|  |  |  |  |  |   |  |
|--|--|--|--|--|---|--|
| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdii<br>(or write out<br>"opilio";<br>"bairdii") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or V =<br>Mature crab | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|---|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 22Vessel: 94Keys & Comments on  
backCollected By: VLCCLeg: 3

| Well: | Haul # | Spp  | Sex | Size                              | Shell | Bio   | Mat | BCS+ | Well: | Haul # | Spp  | Sex | Size                              | Shell | Bio   | Mat | BCS+ |
|-------|--------|------|-----|-----------------------------------|-------|-------|-----|------|-------|--------|------|-----|-----------------------------------|-------|-------|-----|------|
| A 1   | 165    | C.O. | M   | 56.30                             | 3     | 12.17 | I   | N    | A 7   | 167    | C.O. | F   | 43.69                             | 2     | 0.0   | I   | N    |
| B 1   |        |      |     | 74.72                             | 3     | 10.94 |     |      | B 7   |        |      |     | 50.79                             | 2     | 0.0   |     |      |
| C 1   |        |      |     | 54.04                             | 3     | 11.19 |     |      | C 7   |        |      |     | 47.92                             | 2     | 0.0   |     |      |
| D 1   |        |      |     | 56.71                             | 2     | 11.45 |     |      | D 7   |        |      |     | 57.24                             | 2     | 0.0   |     |      |
| E 1   |        |      |     | 56.16                             | 3     | 10.84 |     |      | E 7   |        |      |     | 49.40                             | 2     | 0.0   |     |      |
| F 1   |        |      |     | 58.05                             | 3     | 13.19 |     |      | F 7   |        |      |     | 42.37                             | 2     | 0.35  |     |      |
| G 1   |        |      |     | 53.78                             | 2     | 11.17 |     |      | G 7   |        |      |     | 42.90                             | 2     | 11.41 |     |      |
| H 1   |        |      |     | 52.46                             | 3     | 13.04 |     |      | H 7   |        |      |     | 49.30                             | 2     | 7.96  |     |      |
| A 2   |        |      |     | 62.32                             | 3     | 14.24 |     |      | A 8   |        |      |     | 52.41                             | 3     | 10.02 |     |      |
| B 2   |        |      |     | 59.28                             | 2     | 12.80 |     |      | B 8   |        |      |     | 50.44                             | 2     | 7.31  |     |      |
| C 2   |        |      |     | 57.94                             | 3     | 13.01 |     |      | C 8   | 169    | C.O. | M   | 48.39                             | 2     | 9.38  | I   | N    |
| D 2   |        |      |     | 71.47                             | 3     | 15.40 |     |      | D 8   |        |      |     | 51.49                             | 3     | 10.23 |     |      |
| E 2   |        |      |     | 63.13                             | 3     | 13.84 |     |      | E 8   |        |      |     | 53.87                             | 2     | 11.38 |     |      |
| F 2   |        |      |     | 49.66                             | 3     | 10.09 |     |      | F 8   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| G 2   |        |      |     | 57.26                             | 3     | 11.89 |     |      | G 8   |        |      |     | 65.09                             | 2     | 14.50 |     |      |
| H 2   |        |      |     | 51.03                             | 3     | 9.95  |     |      | H 8   |        |      |     | 57.73                             | 2     | 9.35  |     |      |
| A 3   | 166    | C.O. | M   | 63.63                             | 2     | 10.33 | I   | N    | A 9   |        |      |     | 18.19                             | 2     | 9.17  |     |      |
| B 3   |        |      |     | 43.34                             | 2     | 8.96  |     |      | B 9   |        |      |     | 65.56                             | 2     | 16.42 |     |      |
| C 3   |        |      |     | 53.96                             | 2     | 10.98 |     |      | C 9   |        |      |     | 64.16                             | 2     | 10.49 |     |      |
| D 3   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      | D 9   |        |      |     | 51.40                             | 2     | 10.06 |     |      |
| E 3   |        |      |     | 47.05                             | 2     | 9.41  |     |      | E 9   |        |      |     | 53.43                             | 2     | 9.02  |     |      |
| F 3   |        |      |     | F 48.04                           | 2     | 11.00 |     |      | F 9   |        |      |     | 48.36                             | 2     | 8.88  |     |      |
| G 3   |        |      |     | m 62.52                           | 3     | 13.13 |     |      | G 9   |        |      |     | 61.98                             | 2     | 10.63 |     |      |
| H 3   |        |      |     | 46.64                             | 2     | 7.52  |     |      | H 9   |        |      |     | 57.41                             | 3     | 9.31  |     |      |
| A 4   |        |      |     | 68.87                             | 2     | 15.70 |     |      | A 10  |        |      |     | 64.26                             | 2     | 14.54 |     |      |
| B 4   |        |      |     | 57.88                             | 2     | 9.96  |     |      | B 10  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| C 4   |        |      |     | 71.93                             | 2     | 12.48 |     |      | C 10  |        |      |     | 52.56                             | 3     | 10.49 |     |      |
| D 4   |        |      |     | 47.80                             | 3     | 8.85  |     |      | D 10  |        |      |     | 46.42                             | 3     | 9.33  |     |      |
| E 4   |        |      |     | 62.01                             | 2     | 10.70 |     |      | E 10  |        |      |     | 60.63                             | 3     | 12.81 |     |      |
| F 4   |        |      |     | 51.62                             | 2     | 3.81  |     |      | F 10  |        |      |     | 54.32                             | 2     | 7.89  |     |      |
| G 4   |        |      |     | 42.39                             | 2     | 6.18  |     |      | G 10  |        |      |     | 61.57                             | 3     | 13.46 |     |      |
| H 4   |        |      |     | 65.31                             | 2     | 11.44 |     |      | H 10  |        |      |     | 50.20                             | 2     | 6.73  |     |      |
| A 5   |        |      |     | 66.90                             | 2     | 14.63 |     |      | A 11  | 171    | C.O. | F   | 49.09                             | 2     | 415   | M   | Y    |
| B 5   |        |      |     | 51.86                             | 2     | 10.54 |     |      | B 11  |        |      |     | 50.40                             | 2     | 415   |     |      |
| C 5   |        |      |     | 59.51                             | 2     | 9.57  |     |      | C 11  |        |      |     | 48.56                             | 2     | 415   |     |      |
| D 5   |        |      |     | 46.25                             | 2     | 7.14  |     |      | D 11  |        |      |     | 51.29                             | 2     | 415   |     |      |
| E 5   |        |      |     | 52.14                             | 2     | 9.50  |     |      | E 11  |        |      |     | 52.56                             | 2     | 415   |     |      |
| F 5   | 167    | C.O. | M   | 59.86                             | 2     | 13.22 | I   | N    | F 11  |        |      |     | 49.64                             | 2     | 415   |     |      |
| G 5   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      | G 11  |        |      |     | 50.62                             | 3     | 415   |     |      |
| H 5   |        |      |     | 49.83                             | 2     | 8.44  |     |      | H 11  |        |      |     | 52.87                             | 2     | 415   |     |      |
| A 6   |        |      |     | 45.08                             | 2     | 8.82  |     |      | A 12  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| B 6   |        |      |     | 56.45                             | 2     | 9.63  |     |      | B 12  |        |      |     | 48.95                             | 2     | 415   |     |      |
| C 6   |        |      |     | F 45.85                           | 2     | 10.0  |     |      | C 12  |        |      |     | 49.77                             | 2     | 415   |     |      |
| D 6   |        |      |     | M 64.44                           | 2     | 11.65 |     |      | D 12  |        |      |     | 48.37                             | 2     | 415   |     |      |
| E 6   |        |      |     | 54.00                             | 2     | 8.75  |     |      | E 12  |        |      |     | 46.98                             | 2     | 415   |     |      |
| F 6   |        |      |     | F 50.37                           | 2     | 0.0   |     |      | F 12  |        |      |     | 53.60                             | 2     | 415   |     |      |
| G 6   |        |      |     | 1 48.40                           | 2     | 0.0   |     |      | G 12  |        |      |     | 50.93                             | 2     | 415   |     |      |
| H 6   |        |      |     | 1 49.11                           | 2     | 0.0   |     |      | H 12  |        |      |     | 53.65                             | 2     | 415   |     |      |

Please fill out data sheet completely. Do not leave blanks; missing data can cause the sample to be thrown out.

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

Handwritten notes and drawings are present at the top of the page, including a yellow scribble and some faint pencil sketches.

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

|  |  |  |  |  |   |  |
|--|--|--|--|--|---|--|
| <u>Spp (species):</u><br>CO = <i>C. opilio</i><br>CB = <i>C. bairdi</i><br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br><b>MALE:</b> Chela<br>Height in mm<br>(tenths);<br><b>FEMALE:</b> Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat (maturity):</u><br>M or V =<br>Mature crab | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|---|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 37Vessel: 94Collected By: V.L. & C.C.Leg: 3

Keys &amp; Comments on back

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|-------|-----|------|
| A 1   | 171    | C.O.                              | F   | 50.60  | 2     | 415   | M   | N    |
| B 1   |        |                                   |     | 54.65  | 2     | 415   |     |      |
| C 1   |        |                                   |     | 54.70  | 2     | 415   |     |      |
| D 1   |        |                                   |     | 54.91  | 2     | 416   |     |      |
| E 1   |        |                                   |     | 49.55  | 2     | 416   |     |      |
| F 1   | 172    | C.O.                              | F   | 58.50  | 2     | 415   | M   | N    |
| G 1   |        |                                   |     | 59.94  | 2     | 415   |     |      |
| H 1   |        |                                   |     | 55.31  | 2     | 415   |     |      |
| A 2   |        |                                   |     | 53.30  | 2     | 415   |     |      |
| B 2   |        |                                   |     | 56.11  | 2     | 416   |     |      |
| C 2   |        |                                   |     | 53.42  | 2     | 415   |     |      |
| D 2   |        |                                   |     | 53.83  | 2     | 415   |     |      |
| E 2   |        |                                   |     | 52.96  | 2     | 415   |     |      |
| F 2   |        |                                   |     | 50.06  | 2     | 415   |     |      |
| G 2   |        |                                   |     | 51.66  | 2     | 415   |     |      |
| H 2   |        |                                   |     | 52.67  | 2     | 416   |     |      |
| A 3   |        |                                   |     | 57.90  | 2     | 415   |     |      |
| B 3   |        |                                   |     | 54.90  | 2     | 415   |     |      |
| C 3   |        |                                   |     | 51.44  | 2     | 415   |     |      |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| E 3   |        |                                   |     | 52.44  | 2     | 415   |     |      |
| F 3   |        |                                   |     | 50.85  | 2     | 415   |     |      |
| G 3   |        |                                   |     | 52.37  | 2     | 415   |     |      |
| H 3   |        |                                   |     | 49.18  | 2     | 415   |     |      |
| A 4   |        |                                   |     | 52.72  | 2     | 415   |     |      |
| B 4   |        |                                   |     | 56.91  | 2     | 415   |     |      |
| C 4   |        |                                   |     | 52.48  | 2     | 415   |     |      |
| D 4   | 75     | C.O.                              | M   | 102.31 | 2     | 87.27 | M   | N    |
| E 4   |        |                                   |     | 100.20 | 2     | 25.11 |     |      |
| F 4   |        |                                   | F   | 56.43  | 2     | 414   |     |      |
| G 4   |        |                                   |     | 52.52  | 2     | 415   |     |      |
| H 4   |        |                                   |     | 53.27  | 2     | 415   |     |      |
| A 5   |        |                                   |     | 42.83  | 2     | 415   |     |      |
| B 5   |        |                                   |     | 48.87  | 2     | 414   |     |      |
| C 5   |        |                                   |     | 46.09  | 2     | 413   |     |      |
| D 5   |        |                                   |     | 55.82  | 2     | 415   |     |      |
| E 5   |        |                                   |     | 42.05  | 2     | 413   |     |      |
| F 5   |        |                                   |     | 54.95  | 2     | 415   |     |      |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |       |     |      |
| H 5   |        |                                   |     | 50.08  | 2     | 415   |     |      |
| A 6   |        |                                   |     | 52.15  | 2     | 415   |     |      |
| B 6   |        |                                   |     | 51.52  | 2     | 414   |     |      |
| C 6   |        |                                   |     | 54.31  | 2     | 415   |     |      |
| D 6   |        |                                   |     | 54.95  | 2     | 416   |     |      |
| E 6   |        |                                   |     | 55.24  | 2     | 416   |     |      |
| F 6   |        |                                   |     | 58.59  | 2     | 415   |     |      |
| G 6   |        |                                   |     | 47.74  | 2     | 415   |     |      |
| H 6   |        |                                   |     | 51.36  | 2     | 415   |     |      |

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio       | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-----------|-----|------|
| A 7   | 178    | C.B.                              | M   | 69.64 | 2     | 8.88      | I   | N    |
| B 7   |        |                                   | F   | 47.07 | 2     | 000       | I   |      |
| C 7   |        |                                   | M   | 74.63 | 2     | 9.77      | I   |      |
| D 7   |        |                                   | M   | 51.93 | 2     | 6.8       | I   |      |
| E 7   |        |                                   | F   | 54.87 | 2     | 000       | I   |      |
| F 7   |        |                                   | F   | 63.10 | 2     | 000       | I   |      |
| G 7   |        |                                   | F   | 62.26 | 2     | 000       | I   |      |
| H 7   |        |                                   | M   | 63.94 | 2     | 8.54      | I   |      |
| A 8   |        |                                   | M   | 46.18 | 2     | 5.63      | I   |      |
| B 8   |        |                                   | M   | 94.02 | 2     | 6.82      | I   |      |
| C 8   |        |                                   | M   | 63.23 | 2     | 2.42      | I   |      |
| D 8   |        |                                   | F   | 54.26 | 2     | 000       | I   |      |
| E 8   |        |                                   | F   | 61.99 | 2     | 000       | I   |      |
| F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |           |     |      |
| G 8   |        |                                   | M   | 59.52 | 2     | 7.04      | I   |      |
| H 8   |        |                                   | M   | 53.56 | 2     | 6.79      | F   |      |
| A 9   |        |                                   | M   | 59.87 | 2     | 7.74      | I   |      |
| B 9   |        |                                   | M   | 51.01 | 2     | 6.15      | I   |      |
| C 9   |        |                                   | M   | 61.60 | 2     | 8.32      | I   |      |
| D 9   |        |                                   | M   | 75.12 | 2     | 10.12     | I   |      |
| E 9   |        |                                   | M   | 64.50 | 3     | 8.31      | I   |      |
| F 9   | 179    | C.B.                              | F   | 41.81 | 2     | 000       | I   | N    |
| G 9   |        |                                   |     | 43.57 | 2     | 000       |     |      |
| H 9   |        |                                   |     | 65.88 | 2     | 000       |     |      |
| A 10  |        |                                   |     | 42.70 | 2     | 000       |     |      |
| B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |           |     |      |
| C 10  |        |                                   | M   | 37.82 | 2     | 4.54      |     |      |
| D 10  |        |                                   |     | 30.57 | 2     | 3.58      |     |      |
| E 10  |        |                                   | F   | 43.09 | 2     | 000       |     |      |
| F 10  |        |                                   |     | 36.44 | 2     | 000       |     |      |
| G 10  |        |                                   | M   | 32.88 | 2     | 3.56      | P   |      |
| H 10  |        |                                   | F   | 43.82 | 2     | 000       | N   |      |
| A 11  |        |                                   |     | 35.69 | 2     | 000       |     |      |
| B 11  |        |                                   |     | 42.76 | 2     | 000       |     |      |
| C 11  |        |                                   | M   | 35.63 | 2     | 4.01      |     |      |
| D 11  |        |                                   | F   | 39.33 | 2     | 000       |     |      |
| E 11  |        |                                   | M   | 38.05 | 2     | No Chitin |     |      |
| F 11  |        |                                   | F   | 34.85 | 2     | 000       |     |      |
| G 11  |        |                                   |     | 37.33 | 2     | 000       |     |      |
| H 11  |        |                                   | M   | 28.42 | 2     | 3.11      |     |      |
| A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |           |     |      |
| B 12  |        |                                   |     | 26.67 | 2     | 3.22      |     |      |
| C 12  |        |                                   | F   | 31.67 | 2     | 000       | P   |      |
| D 12  | 180    | C.B.                              | M   | 71.77 | 2     | 11.47     | I   | N    |
| E 12  |        |                                   |     | 74.53 | 2     | 10.50     |     |      |
| F 12  |        |                                   |     | 55.97 | 2     | 6.58      |     |      |
| G 12  |        |                                   | F   | 37.82 | 2     | 000       |     |      |
| H 12  |        |                                   | M   | 65.73 | 2     | 8.84      |     |      |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

\* F-2 has two samples

21 crab sampled for haul 172 due to double sample  
on F-2

\* B-12 → only got 1 of blood

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):<br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | Sex:<br>1 = Male<br>2 = Female<br>3 = Unknown | Size:<br>Carapace<br>Width in<br>mm<br>(tenths) | Shell Condition:<br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | Bio (Biometrics):<br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | Mat<br>(maturity):<br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | BCS+:<br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|---|---|---|---|--|---|
|---|---|---|---|---|--|---|

Plate Number: 40

Vessel: 94

## Keys & Comments on back

Collected By: V.L. B.C.

Leg: 3

| Well | Haul # | Spp  | Sex                               | Size                              | Shell | Bio   | Mat | BCS+ |  |
|------|--------|------|-----------------------------------|-----------------------------------|-------|-------|-----|------|--|
| A 1  | 180    | C.B  | m                                 | 78.38                             | 2     | 10.55 | I   | N    |  |
| B 1  |        |      | F                                 | 47.20                             | 2     | 000   |     |      |  |
| C 1  |        |      | m                                 | 61.46                             | 2     | 7.58  |     |      |  |
| D 1  |        |      | f                                 | 55.81                             | 2     | 6.51  |     |      |  |
| E 1  |        |      | F                                 | 54.48                             | 2     | 000   |     |      |  |
| F 1  |        |      | M                                 | 65.50                             | 2     | 000   |     |      |  |
| G 1  |        |      | M                                 | 73.03                             | 2     | 12.96 |     |      |  |
| H 1  |        |      | I                                 | 51.66                             | 2     | 6.05  |     |      |  |
| A 2  |        |      | L                                 | 77.47                             | 2     | 13.35 |     |      |  |
| B 2  |        |      | F                                 | 57.74                             | 2     | 000   |     | P    |  |
| C 2  |        |      | M                                 | 89.87                             | 2     | 14.93 |     | N    |  |
| D 2  |        |      | I                                 | 91.98                             | 2     | 15.96 |     |      |  |
| E 2  |        |      | I                                 | 41.93                             | 2     | 4.91  |     |      |  |
| F 2  |        |      | I                                 | 61.91                             | 2     | 7.79  |     |      |  |
| G 2  |        |      | I                                 | 95.82                             | 2     | 17.69 |     |      |  |
| H 2  | 181    | C.B  | M                                 | 78.23                             | 2     | 10.98 | I   | N    |  |
| A 3  |        |      | I                                 | 64.01                             | 2     | 8.48  |     |      |  |
| B 3  |        |      | F                                 | 56.64                             | 2     | 000   |     |      |  |
| C 3  |        |      | M                                 | 63.42                             | 2     | 8.66  |     |      |  |
| D 3  |        |      | DO NOT TAKE SAMPLE - CONTROL WELL |                                   |       |       |     |      |  |
| E 3  |        |      |                                   | 63.94                             | 2     | 7.94  |     |      |  |
| F 3  |        |      |                                   | 63.47                             | 2     | 8.47  |     |      |  |
| G 3  |        |      |                                   | 64.44                             | 2     | 8.47  |     |      |  |
| H 3  |        |      |                                   | 73.67                             | 2     | 12.14 |     |      |  |
| A 4  |        |      |                                   | 65.67                             | 2     | 8.53  |     |      |  |
| B 4  |        |      | F                                 | 59.72                             | 2     | 000   |     |      |  |
| C 4  |        |      | L                                 | 49.12                             | 2     | 000   |     |      |  |
| D 4  |        |      | M                                 | 64.61                             | 2     | 8.10  |     |      |  |
| E 4  |        |      | F                                 | 60.73                             | 2     | 000   |     |      |  |
| F 4  |        |      | M                                 | 61.96                             | 2     | 8.09  |     |      |  |
| G 4  |        |      | F                                 | 78.12                             | 2     | 000   |     |      |  |
| H 4  |        |      | M                                 | 66.22                             | 2     | 7.54  |     |      |  |
| A 5  |        |      | L                                 | 67.60                             | 2     | 8.91  |     |      |  |
| B 5  |        |      | F                                 | 61.40                             | 2     | 000   |     |      |  |
| C 5  |        |      | I                                 | 61.47                             | 2     | 000   |     |      |  |
| D 5  |        |      | I                                 | 59.55                             | 2     | 000   | I   |      |  |
| E 5  | 198    | C.O. | F                                 | 49.92                             | 2     | 000   | M   | N    |  |
| F 5  |        |      |                                   | 49.76                             | 2     | 000   |     |      |  |
| G 5  |        |      |                                   | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |  |
| H 5  |        |      |                                   | 95.99                             | 2     | 000   |     |      |  |
| A 6  |        |      |                                   | 59.34                             | 2     | 000   |     |      |  |
| B 6  |        |      |                                   | 54.14                             | 2     | 000   |     |      |  |
| C 6  |        |      |                                   | 50.12                             | 2     | 000   |     |      |  |
| D 6  |        |      |                                   | 46.82                             | 3     | 000   |     |      |  |
| E 6  |        |      |                                   | 43.00                             | 2     | 000   |     |      |  |
| F 6  |        |      |                                   | 47.85                             | 2     | 000   |     |      |  |
| G 6  |        |      |                                   | 49.93                             | 2     | 000   |     |      |  |
| H 6  |        |      |                                   | 49.05                             | 2     | 000   |     |      |  |

**NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment.)**

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 24Vessel: 162Collected By: PC STUCLeg: 2Keys & Comments on  
back

| Well: | Haul # | Spp | Sex | Size                              | Shell | Bio   | Mat | BCS+  |  |
|-------|--------|-----|-----|-----------------------------------|-------|-------|-----|-------|--|
| A 1   | 138    | Cb  | 2   | 63.79                             | 2     | 000   | I   | -     |  |
| B 1   |        |     | 2   | 63.73                             | 2     | 000   | I   | -     |  |
| C 1   |        |     | 2   | 41.96                             | 2     | 000   | I   | -     |  |
| D 1   |        |     | 2   | 30.42                             | 2     | 000   | I   | -     |  |
| E 1   | 136    | Cb  | 1   | 95.42                             | 2     | 17.62 | F   | -     |  |
| F 1   |        |     | 1   | 90.48                             | 2     | 16.34 | F   | -     |  |
| G 1   |        |     | 1   | 93.22                             | 2     | 14.98 | F   | -     |  |
| H 1   |        |     | 1   | 95.91                             | 2     | 15.12 | F   | -     |  |
| A 2   | 138    | Cb  | 1   | 72.91                             | 3     | 16.31 | F   | -     |  |
| B 2   | 135    | Cb  | 1   | 77.62                             | 2     | 17.81 | F   | -     |  |
| C 2   |        |     | 1   | 71.49                             | 2     | 16.46 | F   | -     |  |
| D 2   |        |     | 1   | 83.47                             | 2     | 20.74 | -   | -     |  |
| E 2   |        |     | 1   | 87.87                             | 2     | 21.98 | -   | -     |  |
| F 2   |        |     | 1   | 92.60                             | 2     | 23.59 | -   | -     |  |
| G 2   |        |     | 1   | 78.04                             | 2     | 19.21 | -   | -     |  |
| H 2   |        |     | 1   | 84.55                             | 2     | 21.29 | F   | -     |  |
| A 3   |        |     |     | 58.8                              | 2     | 12.66 | -   | -     |  |
| B 3   |        |     |     | 100.21                            | 1     | 23.73 | -   | -     |  |
| C 3   |        |     |     | 91.95                             | 2     | 15.12 | -   | -     |  |
| D 3   |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |       |  |
| E 3   |        |     |     | 95.01                             | 2     | 24.1  | F   | -     |  |
| F 3   |        |     |     | 103.3                             | 2     | 24.97 | F   | -     |  |
| G 3   |        |     |     | 91.34                             | 2     | 21.46 | F   | -     |  |
| H 3   |        |     |     | 95.32                             | 2     | 15.86 | F   | -     |  |
| A 4   |        |     |     | 95.29                             | 2     | 23.62 | F   | -     |  |
| B 4   |        |     |     | 67.19                             | 2     | 14.29 | I   | -     |  |
| C 4   |        |     |     | 88.31                             | 2     | 22.15 | F   | -     |  |
| D 4   |        |     |     | 82.25                             | 2     | 19.12 | F   | -     |  |
| E 4   |        |     |     | 93.76                             | 2     | 22.25 | F   | -     |  |
| F 4   |        |     |     | 95.42                             | 1     | 22.14 | I   | -     |  |
| G 4   |        |     |     | 77.8                              | 2     | 24.10 | F   | -     |  |
| H 4   |        |     |     | 72.17                             | 2     | 18.46 | F   | -     |  |
| A 5   |        |     |     | 77.07                             | 2     | 16.97 | I   | -     |  |
| B 5   |        |     |     | 92.1                              | 2     | 21.59 | I   | -     |  |
| C 5   | 135    | Cb  | 1   | 99.83                             | 2     | 21.13 | I   | -     |  |
| D 5   | 134    | Cb  | 1   | 70.92                             | 2     | 19.42 | F   | -     |  |
| E 5   | 134    | Cb  | 1   | 64.02                             | 2     | 14.87 | F   | -     |  |
| F 5   |        |     | 1   | 68.35                             | 3     | 14.96 | F   | -     |  |
| G 5   |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |       |  |
| H 5   |        |     |     | 77.8                              | 1     | 18.21 | -   | -     |  |
| A 6   |        |     |     | 81.30                             | 3     | 18.96 | -   | -     |  |
| B 6   |        |     |     | 81.13                             | 2     | 18.19 | -   | -     |  |
| C 6   |        |     |     | 75.69                             | 2     | 15.49 | -   | -     |  |
| D 6   |        |     |     | 70.16                             | 2     | 15.78 | -   | -     |  |
| E 6   |        |     |     | 76.03                             | 2     | 17.34 | -   | -     |  |
| F 6   |        |     |     | 93.17                             | 2     | 23.53 | -   | -     |  |
| G 6   |        |     |     | 76.16                             | 2     | 17.72 | -   | -     |  |
| H 6   |        |     |     | 57 Co                             | 1     | 91.08 | 2   | 20.42 |  |

| Well: | Haul # | Spp | Sex | Size                              | Shell | Bio   | Mat | BCS+ |  |
|-------|--------|-----|-----|-----------------------------------|-------|-------|-----|------|--|
| A 7   | 134    | Cb  | 1   | 84.11                             | 2     | 20.68 | I   | -    |  |
| B 7   | 134    | Cb  | 1   | 66.9                              | 2     | 14.44 | I   | -    |  |
| C 7   |        |     | 1   | 84.97                             | 2     | 21.08 | I   | -    |  |
| D 7   |        |     | 1   | 58.41                             | 3     | 11.71 | -   | -    |  |
| E 7   |        |     | 1   | 76.39                             | 2     | 17.96 | -   | -    |  |
| F 7   |        |     | 1   | 83.98                             | 2     | 19.39 | -   | -    |  |
| G 7   |        |     | 1   | 56.68                             | 3     | 12.43 | -   | -    |  |
| H 7   |        |     | 1   | 90.37                             | 2     | 22.18 | I   | -    |  |
| A 8   |        |     |     | 94.00                             | 2     | 22.13 | -   | -    |  |
| B 8   |        |     |     | 77.13                             | 2     | 16.66 | -   | -    |  |
| C 8   |        |     |     | 92.92                             | 2     | 23.24 | I   | -    |  |
| D 8   |        |     |     | 85.75                             | 2     | 21.13 | I   | -    |  |
| E 8   |        |     |     | 85.14                             | 2     | 19.82 | I   | -    |  |
| F 8   |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |  |
| G 8   |        |     |     | 95                                | 3     | 17.94 | I   | -    |  |
| H 8   |        |     |     | 76.10                             | 2     | 17.56 | -   | -    |  |
| A 9   |        |     |     | 70.92                             | 4     | 11.18 | -   | -    |  |
| B 9   |        |     |     | 54.11                             | 2     | 11.52 | -   | -    |  |
| C 9   |        |     |     | 77.12                             | 3     | 18.33 | I   | -    |  |
| D 9   |        |     |     | 91.07                             | 3     | 21.1  | -   | -    |  |
| E 9   |        |     |     | 50.91                             | 3     | 18.39 | -   | -    |  |
| F 9   |        |     |     | 86.35                             | 2     | 21.68 | I   | -    |  |
| G 9   |        |     |     | 80.31                             | 2     | 19.99 | -   | -    |  |
| H 9   |        |     |     | 88.22                             | 2     | 20.5  | I   | -    |  |
| A 10  |        |     |     | 62.77                             | 1     | 13.82 | -   | -    |  |
| B 10  |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |  |
| C 10  |        |     |     | 71.57                             | 2     | 19.06 | -   | -    |  |
| D 10  |        |     |     | 87.48                             | 2     | 20.26 | -   | -    |  |
| E 10  |        |     |     | 80.17                             | 2     | 18.06 | -   | -    |  |
| F 10  |        |     |     | 94.47                             | 2     | 22.0  | -   | -    |  |
| G 10  |        |     |     | 65.08                             | 3     | 19.75 | -   | -    |  |
| H 10  |        |     |     | 79.11                             | 2     | 19.43 | -   | -    |  |
| A 11  |        |     |     | 82.91                             | 3     | 15.18 | -   | -    |  |
| B 11  |        |     |     | 91.57                             | 2     | 11.12 | -   | -    |  |
| C 11  |        |     |     | 70.78                             | 3     | 16.09 | -   | -    |  |
| D 11  |        |     |     | 74.82                             | 2     | 20.55 | I   | -    |  |
| E 11  |        |     |     | 85.95                             | 2     | 20.46 | -   | -    |  |
| F 11  |        |     |     | 69.39                             | 2     | 15.58 | I   | -    |  |
| G 11  | 134    | Cb  | 1   | 61.56                             | 3     | 15.69 | F   | -    |  |
| H 11  | 133    | Cb  | 1   | 58.88                             | 2     | 13.02 | F   | -    |  |
| A 12  |        |     |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |  |
| B 12  | 133    | Cb  | 1   | 93.49                             | 2     | 23.22 | I   | -    |  |
| C 12  |        |     |     | 72.63                             | 2     | 16.43 | I   | -    |  |
| D 12  |        |     |     | 68.24                             | 2     | 13.68 | I   | -    |  |
| E 12  |        |     |     | 80.49                             | 2     | 18.08 | I   | -    |  |
| F 12  |        |     |     | 68.88                             | 2     | 16.74 | I   | -    |  |
| G 12  |        |     |     | 71.96                             | 2     | 20.41 | F   | -    |  |
| H 12  | 133    | Cb  | 1   | 87.48                             | 2     | 20.91 | I   | -    |  |

**NOTES:** Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

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**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 310

Vessel: 94

Keys &amp; Comments on back

Collected By: WCL / EF

Leg: 2

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio    | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|--------|-----|------|
| A 1   | 109    | Ch                                | F   | 55.70  | 2     | 000    | I   | N    |
| B 1   |        |                                   | F   | 65.70  | 1     | 000    |     |      |
| C 1   |        |                                   | M   | 64.67  |       | 7.92   |     |      |
| D 1   |        |                                   | M   | 54.90  |       | 6.9    |     |      |
| E 1   |        |                                   | M   | 59.32  |       | 7.99   |     |      |
| F 1   |        |                                   | M   | 64.91  |       | 8.00   |     |      |
| G 1   |        |                                   | F   | 43.41  | 1     | 000    |     |      |
| H 1   |        |                                   | M   | 54.55  | 1     | 7.01   |     |      |
| A 2   |        |                                   | M   | 60.78  | 1     | 7.85   |     |      |
| B 2   |        |                                   | F   | 42.32  | 1     | 000    |     |      |
| C 2   |        |                                   | M   | 58.20  | 1     | 7.23   |     |      |
| D 2   |        |                                   | M   | 49.84  | 1     | 10.104 |     |      |
| E 2   |        |                                   | M   | 62.21  |       | 7.83   |     |      |
| F 2   |        |                                   | F   | 50.34  | 1     | 000    |     |      |
| G 2   |        |                                   | M   | 55.05  | 1     | 7.00   |     |      |
| H 2   |        |                                   | M   | 53.40  | 1     | 7.05   |     |      |
| A 3   |        |                                   | F   | 47.08  | 1     | 000    |     |      |
| B 3   |        |                                   | M   | 67.40  | 1     | 8.91   |     |      |
| C 3   |        |                                   | M   | 48.57  | 1     | 4.32   |     |      |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |        |     |      |
| E 3   |        |                                   | M   | 38.30  |       | 5.02   |     |      |
| F 3   |        |                                   | M   | 32.40  |       | 3.910  |     |      |
| G 3   |        |                                   | F   | 40.75  |       | 000    |     |      |
| H 3   |        |                                   | M   | 51.25  |       | 10.54  |     |      |
| A 4   |        |                                   | M   | 60.94  |       | 8.04   |     |      |
| B 4   |        |                                   | M   | 47.89  |       | 10.10  |     |      |
| C 4   |        |                                   | F   | 33.67  |       | 000    |     |      |
| D 4   |        |                                   | M   | 42.77  |       | 5.32   |     |      |
| E 4   |        |                                   | F   | 48.85  |       | 000    |     |      |
| F 4   |        |                                   | M   | 68.17  |       | 9.37   |     |      |
| G 4   |        |                                   | F   | 46.81  |       | 000    |     |      |
| H 4   |        |                                   | M   | 32.02  |       | 4.30   |     |      |
| A 5   |        |                                   | F   | 54.81  |       | 000    |     |      |
| B 5   |        |                                   | F   | 45.78  |       | 000    |     |      |
| C 5   |        |                                   | F   | 42.88  |       | 000    |     |      |
| D 5   |        |                                   | F   | 57.83  |       | 000    |     |      |
| E 5   |        |                                   | M   | 32.40  |       | 4.18   |     |      |
| F 5   |        |                                   | M   | 40.59  |       | 5.70   |     |      |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |        |     |      |
| H 5   |        |                                   | M   | 50.88  | 1     | 6.43   |     |      |
| A 6   |        |                                   | M   | 42.35  |       | 5.14   |     |      |
| B 6   |        |                                   | M   | 48.13  |       | 5.80   |     |      |
| C 6   |        |                                   | M   | 50.77  | 1     | 10.109 | 1   | 1    |
| D 6   | 107    | Ch                                | M   | 122.05 | 3     | 24.39  | M   | N    |
| E 6   |        |                                   | M   | 106.18 | 1     | 21.07  |     |      |
| F 6   |        |                                   | M   | 130.17 |       | 30.41  |     |      |
| G 6   |        |                                   | M   | 121.75 |       | 30.51  |     |      |
| H 6   |        |                                   | M   | 132.14 | 1     | 25.91  | 1   | 1    |

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio    | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|--------|-----|------|
| A 7   | 107    | Ch                                | M   | 143.41 | 3     | 33.04  | M   | N    |
| B 7   |        |                                   | M   | 121.23 |       | 21.34  |     |      |
| C 7   |        |                                   | M   | 123.39 |       | 28.79  |     |      |
| D 7   |        |                                   | M   | 115.09 |       | 25.81  |     |      |
| E 7   |        |                                   | M   | 144.50 |       | 31.74  |     |      |
| F 7   |        |                                   | M   | 175.42 |       | 30.08  |     |      |
| G 7   |        |                                   | M   | 123.10 |       | 29.102 |     |      |
| H 7   |        |                                   | M   | 175.38 |       | 27.79  |     |      |
| A 8   |        |                                   | M   | 130.27 | 1     | 29.34  |     |      |
| B 8   |        |                                   | M   | 107.47 | 2     | 17.86  |     |      |
| C 8   |        |                                   | M   | 106.57 | 2     | 25.81  |     |      |
| D 8   |        |                                   | M   | 124.48 | 3     | 28.78  |     |      |
| E 8   |        |                                   | M   | 133.54 |       | 23.01  |     |      |
| F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |        |     |      |
| G 8   |        |                                   | M   | 137.13 |       | 29.97  |     |      |
| H 8   |        |                                   | M   | 107.00 |       | 22.91  |     |      |
| A 9   |        |                                   | M   | 131.91 |       | 30.25  |     |      |
| B 9   |        |                                   | M   | 104.11 |       | 18.70  |     |      |
| C 9   |        |                                   | M   | 137.07 |       | 30.75  |     |      |
| D 9   |        |                                   | M   | 110.97 |       | 19.30  |     |      |
| E 9   |        |                                   | M   | 135.01 |       | 33.05  |     |      |
| F 9   |        |                                   | M   | 130.75 |       | 28.13  |     |      |
| G 9   |        |                                   | M   | 133.70 |       | 20.74  |     |      |
| H 9   |        |                                   | M   | 133.98 |       | 30.80  |     |      |
| A 10  |        |                                   | M   | 119.87 |       | 27.74  |     |      |
| B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |        |     |      |
| C 10  |        |                                   | M   | 137.47 |       | 30.98  |     |      |
| D 10  |        |                                   | M   | 133.91 |       | 29.48  |     |      |
| E 10  |        |                                   | M   | 123.32 |       | 28.72  |     |      |
| F 10  |        |                                   | F   | 78.43  |       | 41.10  |     |      |
| G 10  |        |                                   | M   | 140.89 |       | 31.98  |     |      |
| H 10  |        |                                   | F   | 78.99  |       | 0.01   |     |      |
| A 11  |        |                                   | F   | 75.75  |       | 41.2   |     |      |
| B 11  |        |                                   | F   | 77.51  | 1     | 101    | 1   |      |
| C 11  | 133    | Ch                                | M   | 55.85  | 2     | 12.11  | I   | N    |
| D 11  |        |                                   | M   | 55.25  | 2     | 9.59   |     |      |
| E 11  |        |                                   | M   | 64.61  | 2     | 10.77  |     |      |
| F 11  |        |                                   | M   | 58.37  | 2     | 9.77   |     |      |
| G 11  |        |                                   | M   | 59.20  | 2     | 9.38   |     |      |
| H 11  |        |                                   | M   | 63.44  | 2     | 11.69  |     |      |
| A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |        |     |      |
| B 12  |        |                                   | F   | 46.44  | 2     | 000    | I   | +    |
| C 12  |        |                                   | M   | 60.21  | 2     | 9.78   |     | N    |
| D 12  |        |                                   | M   | 54.15  | 2     | 9.88   |     |      |
| E 12  |        |                                   | M   | 57.09  | 2     | 9.17   |     |      |
| F 12  |        |                                   | M   | 63.75  | 2     | 11.06  |     |      |
| G 12  |        |                                   | M   | 54.25  | 2     | 9.28   |     |      |
| H 12  |        |                                   | M   | 52.07  | 2     | 8.88   |     |      |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

DATA SHEET - 23 CS, F9, C10

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):<br>CO = <i>C. opilio</i><br>CB = <i>C. bairdi</i><br>(or write out<br>"opilio";<br>"bairdi") | Sex:<br>1 = Male<br>2 = Female<br>3 = Unknown | Size:<br>Carapace<br>Width in<br>mm<br>(tenths) | Shell Condition:<br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | Bio (Biometrics):<br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | Mat<br>(maturity):<br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | BCS+:<br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|---|---|---|---|---|--|---|
|---|---|---|---|---|--|---|

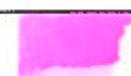
## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 20Vessel: 763Collected By: AN & IGLeg: 1Keys & Comments on  
back

| Well: | Haul # | Spp        | Sex | Size  | Shell | Bio   | Mat | BCS+ |
|-------|--------|------------|-----|-------|-------|-------|-----|------|
| A 1   |        |            |     |       |       |       |     |      |
| B 1   | 59     | C. bairdii | 1   | 47.73 | 2     | —     | Imm | —    |
| C 1   | 59     | C. bairdii | 2   | 72.42 | 2     | —     | Imm | —    |
| D 1   | 59     | C. bairdii | 2   | 47.44 | 2     | —     | Imm | —    |
| E 1   | 59     | C. bairdii | 2   | 38.49 | 2     | —     | Imm | —    |
| F 1   | 59     | C. bairdii | 2   | 36.14 | 2     | —     | Imm | —    |
| G 1   | 59     | C. bairdii | 1   | 33.86 | 2     | 3.63  | Imm | —    |
| H 1   | 59     | C. bairdii | 1   | 33.96 | 2     | 3.84  | Imm | —    |
| A 2   | 57     | C. bairdii | 1   | 33.05 | 2     | 2.97  | Imm | —    |
| B 2   | 59     | C. bairdii | 2   | 21.49 | 2     | —     | Imm | —    |
| C 2   | 59     | C. bairdii | 1   | 31.53 | 2     | 3.74  | Imm | —    |
| D 2   | 59     | C. bairdii | 1   | 33.31 | 2     | 3.88  | Imm | —    |
| E 2   | 57     | C. bairdii | 1   | 11.71 | 3     | 21.34 | Imm | —    |
| F 2   | 57     | C. bairdii | 1   | 75.05 | 2     | 7.70  | Imm | —    |
| G 2   | 57     | C. bairdii | 1   | 72.48 | 2     | 7.27  | Imm | —    |
| H 2   | 57     | C. bairdii | 2   | 65.58 | 2     | —     | Imm | —    |
| A 3   | 57     | C. bairdii | 2   | 53.52 | 2     | —     | Imm | —    |
| B 3   | 57     | C. bairdii | 2   | 73.46 | 2     | —     | Imm | —    |
| C 3   | 57     | C. bairdii | 1   | 50.16 | 2     | 4.43  | Imm | —    |
| D 3   |        |            |     |       |       |       |     |      |
| E 3   | 57     | C. bairdii | 1   | 58.88 | 2     | 6.12  | Imm | —    |
| F 3   | 57     | C. b       | 2   | 69.15 | 2     | —     | Imm | —    |
| G 3   | 57     | C. b       | 2   | 61.19 | 2     | —     | Imm | —    |
| H 3   | 57     | C. b       | 2   | 52.96 | 2     | —     | Imm | —    |
| A 4   | 57     | C. b       | 1   | 52.59 | 2     | 5.06  | —   | —    |
| B 4   | 57     | C. b       | 2   | 65.98 | 1     | —     | Imm | +    |
| C 4   | 57     | C. b       | 1   | 58.2  | 2     | 5.45  | —   | —    |
| D 4   | 57     | C. b       | 2   | 50.67 | 2     | —     | Imm | —    |
| E 4   | 57     | C. b       | 3   | 55.36 | 2     | —     | —   | —    |
| F 4   | 57     | C. b       | 1   | 41.36 | 2     | 5.43  | Imm | —    |
| G 4   | 57     | C. b       | 1   | 31.22 | 2     | 3.46  | Imm | —    |
| H 4   | 60     | C. b       | 2   | 62.71 | 2     | —     | Imm | +    |
| A 5   | 60     | C. b       | 1   | 42.87 | 2     | —     | Imm | —    |
| B 5   | 60     | C. b       | 2   | 50.31 | 2     | —     | —   | —    |
| C 5   | 60     | C. b       | 1   | 54.41 | 2     | 7.73  | Imm | —    |
| D 5   | 60     | C. b       | 1   | 14.82 | 2     | 5.47  | I   | —    |
| E 5   | 60     | C. b       | 2   | 33.40 | 2     | —     | —   | —    |
| F 5   | 60     | C. b       | 2   | 34.00 | 2     | —     | I   | —    |
| G 5   |        |            |     |       |       |       |     |      |
| H 5   |        |            |     |       |       |       |     |      |
| A 6   | 60     | C. b       | 1   | 31.99 | 2     | 3.57  | I   | —    |
| B 6   | 60     | C. b       | 2   | 35.79 | 2     | —     | —   | —    |
| C 6   | 60     | C. b       | 1   | 41.22 | 2     | 3.45  | I   | —    |
| D 6   | 60     | C. b       | 1   | 30.79 | 2     | 3.41  | I   | —    |
| E 6   | 60     | C. b       | 1   | 30.45 | 2     | —     | —   | —    |
| F 6   | 107    | C. b       | 1   | 41.4  | 2     | —     | I   | —    |
| G 6   | 114    | C. b       | 1   | 89.63 | 2     | 21.96 | I   | —    |
| H 6   | 114    | C. b       | 1   | 79.53 | 2     | 19.21 | I   | —    |

| Well: | Haul # | Spp  | Sex | Size                              | Shell | Bio   | Mat | BCS+ |
|-------|--------|------|-----|-----------------------------------|-------|-------|-----|------|
| A 7   | 114    | C. b | 1   | 58.33                             | 2     | 12.65 | I   | —    |
| B 7   |        |      |     | 76.46                             | 2     | 17.81 | I   | —    |
| C 7   |        |      |     | 75.41                             | 2     | 17.42 | I   | —    |
| D 7   |        |      |     | 66.49                             | 2     | 14.32 | I   | —    |
| E 7   |        |      |     | 71.10                             | 2     | 14.67 | I   | —    |
| F 7   |        |      |     | 73.04                             | 2     | 12.79 | I   | —    |
| G 7   |        |      |     | 79.47                             | 2     | 19.96 | I   | —    |
| H 7   |        |      |     | 59.45                             | 2     | 11.99 | I   | —    |
| A 8   |        |      |     | 82.42                             | 2     | 15.74 | I   | —    |
| B 8   |        |      |     | 67.73                             | 2     | 17.87 | I   | —    |
| C 8   |        |      |     | 79.15                             | 2     | 15.63 | I   | —    |
| D 8   |        |      |     | 71.6                              | 3     | 16.59 | I   | —    |
| E 8   |        |      |     | 84.28                             | 2     | 19.66 | I   | —    |
| F 8   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| G 8   |        |      |     | 68.75                             | 3     | 14.02 | I   | —    |
| H 8   |        |      |     | 16.7                              | 2     | 14.62 | I   | —    |
| A 9   |        |      |     | 70.32                             | 3     | 14.19 | I   | —    |
| B 9   | 114    | C. b | 1   | 62.23                             | 2     | 15.28 | I   | —    |
| C 9   | 114    | C. b | 1   | 72.42                             | 2     | 16.12 | I   | —    |
| D 9   | 114    | C. b | 1   | 76.33                             | 2     | 17.52 | I   | —    |
| E 9   | 118    | C. b | 1   | 83.87                             | 2     | 23.65 | I   | —    |
| F 9   | 119    | C. b | 1   | 75.6                              | 3     | 17.45 | I   | —    |
| G 9   | 117    | C. b | 1   | 74.82                             | 2     | 16.93 | I   | —    |
| H 9   |        |      |     | 59.17                             | 3     | 11.89 | I   | —    |
| A 10  |        |      |     | 86.60                             | 2     | 20.9  | I   | —    |
| B 10  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| C 10  |        |      |     | 85.04                             | 2     | 20.37 | I   | —    |
| D 10  |        |      |     | 80.76                             | 2     | 17.99 | I   | —    |
| E 10  |        |      |     | 83.59                             | 2     | 19.98 | I   | —    |
| F 10  |        |      |     | 79.86                             | 2     | 14.40 | I   | —    |
| G 10  |        |      |     | 59.61                             | 2     | 12.44 | I   | —    |
| H 10  |        |      |     | 99.48                             | 2     | 20.77 | I   | —    |
| A 11  |        |      |     | 89.56                             | 2     | 22.39 | I   | —    |
| B 11  |        |      |     | 83.17                             | 2     | 20.15 | I   | —    |
| C 11  |        |      |     | 68.61                             | 3     | 15.72 | I   | —    |
| D 11  |        |      |     | 80.44                             | 2     | 18.06 | I   | —    |
| E 11  |        |      |     | 73.09                             | 3     | 16.61 | I   | —    |
| F 11  |        |      |     | 89.76                             | 2     | 24.05 | I   | —    |
| G 11  |        |      |     | 66.70                             | 2     | 16.89 | I   | —    |
| H 11  |        |      |     | 79.62                             | 2     | 19.99 | I   | —    |
| A 12  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |     |      |
| B 12  |        |      |     | 61.78                             | 3     | 14.55 | I   | —    |
| C 12  |        |      |     | 64.43                             | 3     | 13.50 | I   | —    |
| D 12  |        |      |     | 61.50                             | 2     | 13.95 | I   | —    |
| E 12  |        |      |     | 75.5                              | 2     | 17.56 | I   | —    |
| F 12  |        |      |     | 62.27                             | 3     | 14.01 | I   | —    |
| G 12  |        |      |     | 58.53                             | 2     | 18.85 | I   | —    |
| H 12  | 112    | C. b | 1   | 61.19                             | 2     | 12.46 | I   | —    |

AI → Since it was pink we didn't remember to still use it & therefore skipped it. No sample in AI



If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br><b>MALE:</b> Chela<br>Height in mm<br>(tenths);<br><b>FEMALE:</b> Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat (maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |

2019 EBS & NBS *Chionoecetes* Index Site Hemolymph Collections - Kodiak / PathobiologyPlate Number: 35Vessel: 94Keys & Comments on  
backCollected By: NCL/EFLeg: 2

| Well: | Haul # | Spp                               | Sex | Size   | Shell | Bio          | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|--------|-------|--------------|-----|------|
| A 1   | 107    | C.b.                              | M   | 37.20  | 2     | 4.54         | I   | N    |
| B 1   |        |                                   | F   | 30.92  |       | 000          | I   |      |
| C 1   |        |                                   | M   | 38.09  |       | 4.66         | I   |      |
| D 1   |        |                                   | F   | 36.97  |       | 000          | I   |      |
| E 1   |        |                                   | M   | 41.25  |       | 5.02         | I   |      |
| F 1   |        |                                   | M   | 36.49  |       | No chela     | I   |      |
| G 1   |        |                                   | M   | 33.90  |       | 4.29         | I   |      |
| H 1   |        |                                   | F   | 30.52  |       | 000          | I   |      |
| A 2   |        |                                   | M   | 38.28  |       | 4.52         | I   |      |
| B 2   |        |                                   | M   | 29.63  |       | 3.56         | I   |      |
| C 2   |        |                                   | F   | 36.93  |       | 000          | I   |      |
| D 2   |        |                                   | F   | 43.34  |       | 000          | I   |      |
| E 2   |        |                                   | F   | 31.27  |       | 000          | I   |      |
| F 2   |        |                                   | F   | 41.69  |       | 000          | I   |      |
| G 2   |        |                                   | F   | 42.02  |       | 000          | I   |      |
| H 2   |        |                                   | M   | 40.55  |       | 4.97         | I   |      |
| A 3   |        |                                   | F   | 36.72  |       | 000          | I   |      |
| B 3   |        |                                   | F   | 29.41  |       | 000          | I   |      |
| C 3   |        |                                   | F   | 36.67  |       | 000          | I   |      |
| D 3   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |              |     |      |
| E 3   |        |                                   | M   | 44.43  |       | 6.27         | I   |      |
| F 3   |        |                                   | F   | 37.98  |       | 000          | I   |      |
| G 3   |        |                                   | M   | 28.66  |       | 3.70         | I   |      |
| H 3   | 108    | C.b.                              | M   | 113.80 | 3     | L:24.16 M: N | I   |      |
| A 4   |        |                                   | M   | 140.10 | 3     | 32.65        | I   |      |
| B 4   |        |                                   | M   | 120.93 | 3     | 28.36        | I   |      |
| C 4   |        |                                   | M   | 98.26  | 3     | 19.91        | I   |      |
| D 4   |        |                                   | M   | 107.86 | 2     | 20.39        | I   |      |
| E 4   |        |                                   | M   | 106.00 | 3     | 21.61        | I   |      |
| F 4   |        |                                   | F   | 63.25  | 2     | 415          | I   |      |
| G 4   |        |                                   | M   | 115.78 | 2     | 22.11        | I   |      |
| H 4   |        |                                   | F   | 69.82  | 2     | 415          | I   |      |
| A 5   |        |                                   | M   | 87.42  | 2     | 19.43        | I   |      |
| B 5   |        |                                   | F   | 70.14  | 2     | 416          | I   |      |
| C 5   |        |                                   | F   | 66.70  | 2     | 415          | I   |      |
| D 5   |        |                                   | F   | 74.90  | 2     | 416          | I   |      |
| E 5   |        |                                   | F   | 63.68  | 2     | 415          | I   |      |
| F 5   |        |                                   | F   | 70.47  | 2     | 415          | I   |      |
| G 5   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |        |       |              |     |      |
| H 5   |        |                                   | F   | 74.88  | 2     | 415          | I   |      |
| A 6   |        |                                   | F   | 80.02  | 4     | 224          | I   |      |
| B 6   | 109    | C.b.                              | M   | 59.09  | 2     | 7.41         | I   | N    |
| C 6   |        |                                   | F   | 60.72  | 1     | 000          | I   |      |
| D 6   |        |                                   | F   | 53.93  | 1     | 000          | I   |      |
| E 6   |        |                                   | M   | 67.20  |       | 8.51         | I   |      |
| F 6   |        |                                   | F   | 46.42  |       | 000          | I   |      |
| G 6   |        |                                   | F   | 41.02  |       | 000          | I   | +    |
| H 6   |        |                                   | F   | 58.14  |       | 00           | I   |      |

| Well: | Haul # | Spp                               | Sex | Size  | Shell | Bio   | Mat | BCS+ |
|-------|--------|-----------------------------------|-----|-------|-------|-------|-----|------|
| A 7   | 109    | C.b.                              | M   | 73.19 | 2     | 9.89  | I   | N    |
| B 7   |        |                                   | F   | 64.78 |       | 000   | I   | I    |
| C 7   |        |                                   | F   | 47.06 |       | 000   | I   |      |
| D 7   |        |                                   | M   | 31.96 |       | 3.77  | I   |      |
| E 7   |        |                                   | F   | 38.04 |       | 000   | I   |      |
| F 7   |        |                                   | M   | 61.32 |       | 7.95  | I   |      |
| G 7   |        |                                   | F   | 56.44 |       | 000   | I   |      |
| H 7   |        |                                   | M   | 50.10 |       | 6.63  | I   |      |
| A 8   |        |                                   | F   | 52.31 |       | 000   | I   |      |
| B 8   |        |                                   | F   | 59.67 |       | 000   | I   |      |
| C 8   |        |                                   | F   | 54.77 |       | 000   | I   |      |
| D 8   |        |                                   | F   | 32.42 |       | 000   | I   |      |
| E 8   |        |                                   | M   | 60.92 |       | 8.03  | I   |      |
| F 8   |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| G 8   |        |                                   | M   | 55.56 |       | 7.19  | I   |      |
| H 8   |        |                                   | F   | 36.84 |       | 000   | I   |      |
| A 9   |        |                                   | M   | 68.32 |       | 9.45  | I   |      |
| B 9   |        |                                   | M   | 49.39 |       | 6.07  | I   |      |
| C 9   |        |                                   | M   | 42.43 |       | 4.95  | I   |      |
| D 9   |        |                                   | F   | 32.49 |       | 000   | I   | N    |
| E 9   |        |                                   | M   | 54.22 |       | 6.81  | I   |      |
| F 9   |        |                                   | F   | 47.90 |       | 000   | I   |      |
| G 9   |        |                                   | M   | 47.68 |       | 5.84  | I   |      |
| H 9   |        |                                   | F   | 39.15 |       | 000   | I   |      |
| A 10  |        |                                   | M   | 45.50 |       | 5.28  | I   |      |
| B 10  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| C 10  |        |                                   | F   | 58.22 |       | 000   | I   |      |
| D 10  |        |                                   | F   | 53.72 |       | 000   | I   |      |
| E 10  |        |                                   | F   | 56.49 |       | 000   | I   |      |
| F 10  | 113    | C.b.                              | F   | 33.47 | 2     | 000   | I   | N    |
| G 10  |        |                                   | M   | 73.76 |       | 9.13  | I   |      |
| H 10  | 112    | C.b.                              | M   | 37.63 | 2     | 5.37  | I   |      |
| A 11  |        |                                   | M   | 32.30 |       | 4.07  | I   |      |
| B 11  |        |                                   | M   | 32.72 |       | 3.93  | I   |      |
| C 11  |        |                                   | F   | 50.97 |       | 000   | I   |      |
| D 11  |        |                                   | F   | 43.37 |       | 000   | I   |      |
| E 11  |        |                                   | F   | 38.33 |       | 000   | I   |      |
| F 11  |        |                                   | M   | 43.77 |       | 5.110 | I   |      |
| G 11  |        |                                   | M   | 32.50 |       | 3.79  | I   |      |
| H 11  | 109    | 00                                | M   | 59.16 | 2     | 7.22  | I   |      |
| A 12  |        | DO NOT TAKE SAMPLE - CONTROL WELL |     |       |       |       |     |      |
| B 12  | 109    | C.b.                              | F   | 50.34 | 2     | 000   | I   | N    |
| C 12  |        |                                   | M   | 75.40 |       | 9.97  | I   |      |
| D 12  |        |                                   | F   | 48.49 |       | 000   | I   |      |
| E 12  |        |                                   | M   | 60.04 |       | 7.94  | I   |      |
| F 12  |        |                                   | M   | 47.02 |       | 10.01 | I   |      |
| G 12  |        |                                   | F   | 58.24 |       | 000   | I   |      |
| H 12  | 112    | 00                                | F   | 43.11 | 2     | 1000  | I   |      |

NOTES -&gt;

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

BCS = Five BCS - have 5, thrown over - thought it  
was a mature female so did regular measures  
for back-up gene sex collections - sorry Pam!

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):                          | Sex:        | Size:          | Shell Condition:   | Bio (Biometrics):    | Mat (maturity):   | BCS+:        |
|---|-------------|----------------|--------------------|----------------------|-------------------|--------------|
| CO = C. opilio                          | 1 = Male    | Carapace       | 0 = Premolt/Molt   | MALE: Chela          | M or V =          | P = Visually |
| CB = C. bairdi                          | 2 = Female  | Width in       | 1 = Soft Shell     | Height in mm         | Positive          | Positive     |
| (or write out<br>"opilio";<br>"bairdi") | 3 = Unknown | mm<br>(tenths) | 2 = New Shell      | (tenths);            | Mature crab       | N = Visually |
|   |             |                | 3 = Old Shell      | FEMALE: Clutch       | (indicate when    | Negative     |
|   |             |                | 4 = Very Old Shell | (use standard color, | sampling in sites |              |
|   |             |                | 5 = Graveyard      | condition & fullness | 1 & 4)            |              |
|   |             |                |                    | codes)               |                   |              |

## 2019 EBS &amp; NBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 38 32Vessel: 94Collected By: WCL + JRLeg: 1

Keys &amp; Comments on back

| Well: | Haul #                            | Spp | Sex | Size  | Shell | Bio   | Mat  | BCS+ | Well: | Haul #                            | Spp | Sex | Size  | Shell | Bio   | Mat  | BCS+ |  |  |  |  |  |  |  |
|-------|-----------------------------------|-----|-----|-------|-------|-------|------|------|-------|-----------------------------------|-----|-----|-------|-------|-------|------|------|--|--|--|--|--|--|--|
| A 1   | 31                                | CB  | F   | 45.53 | 2     | 0.00  | 0.00 | N    | A 7   | 34                                | CB  | F   | 59.14 | 2     | 0.00  | Land | N    |  |  |  |  |  |  |  |
| B 1   | 31                                | CB  | M   | 51.03 | 2     | 6.60  | Jan  | N    | B 7   | 34                                | CB  | F   | 45.46 | 2     | 0.00  | Land |      |  |  |  |  |  |  |  |
| C 1   | 36                                |     | F   | 52.21 | 2     | 0.00  | I    |      | C 7   | 34                                | CB  | M   | 50.9  | 2     | 6.11  |      |      |  |  |  |  |  |  |  |
| D 1   | 36                                |     | F   | 52.82 | 2     | 0.00  | I    |      | D 7   | 34                                | CB  | M   | 75.36 | 2     | 9.87  |      |      |  |  |  |  |  |  |  |
| E 1   | 36                                |     | M   | 50.22 | 2     | 6.06  |      |      | E 7   | 34                                | CB  | M   | 65.87 | 2     | 8.84  |      |      |  |  |  |  |  |  |  |
| F 1   | 37                                |     | M   | 47.83 | 2     | 5.61  |      |      | F 7   | 34                                | CB  | M   | 89.58 | 2     | 12.16 |      |      |  |  |  |  |  |  |  |
| G 1   | 37                                |     | F   | 54.67 | 2     | 0.00  |      |      | G 7   | 34                                | CB  | M   | 45.49 | 2     | 5.62  |      |      |  |  |  |  |  |  |  |
| H 1   | 37                                |     | M   | 48.24 | 2     | 6.18  |      |      | H 7   | 34                                | CB  | M   | 44.31 | 2     | 5.32  |      |      |  |  |  |  |  |  |  |
| A 2   | 34                                |     | F   | 35.99 | 2     | 0.00  |      |      | A 8   | 34                                | CB  | M   | 35.32 | 2     | 3.48  |      |      |  |  |  |  |  |  |  |
| B 2   | 34                                |     | F   | 79.77 | 2     | 0.00  |      |      | B 8   | 34                                | CB  | M   | 34.70 | 2     | 4.03  |      |      |  |  |  |  |  |  |  |
| C 2   | 34                                |     | M   | 68.15 | 2     | 9.29  |      |      | C 8   | 34                                | CD  | M   | 34.38 | 2     | 4.39  |      |      |  |  |  |  |  |  |  |
| D 2   | 34                                |     | M   | 51.58 | 2     | 6.36  |      |      | D 8   | 34                                | SP  | M   | 40.76 | 2     | 5.23  |      |      |  |  |  |  |  |  |  |
| E 2   | 34                                |     | M   | 54.50 | 2     | 6.58  |      |      | E 8   | 66                                |     | F   | 71.90 | 2     | 0.00  | T    | M    |  |  |  |  |  |  |  |
| F 2   | 34                                |     | M   | 71.36 | 2     | 9.13  |      |      | F 8   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |       |       |       |      |      |  |  |  |  |  |  |  |
| G 2   | 34                                |     | F   | 68.75 | 2     | 0.00  |      |      | G 8   | 66                                |     | M   | 56.41 | 2     | 7.03  |      |      |  |  |  |  |  |  |  |
| H 2   | 34                                |     | F   | 20.47 | 2     | 0.00  |      |      | H 8   | 66                                |     | F   | 33.87 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| A 3   | 34                                |     | F   | 40.57 | 2     | 0.00  |      |      | A 9   | 66                                |     | M   | 33.54 | 2     | 4.16  |      |      |  |  |  |  |  |  |  |
| B 3   | 34                                |     | F   | 56.25 | 2     | 0.00  |      |      | B 9   | 66                                |     | F   | 36.80 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| C 3   | 34                                |     | M   | 58.97 | 2     | 7.59  |      |      | C 9   | 66                                |     | M   | 41.20 | 2     | 5.45  |      |      |  |  |  |  |  |  |  |
| D 3   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |       |       |       |      |      |       |                                   |     |     |       |       |       |      |      |  |  |  |  |  |  |  |
| E 3   | 34                                |     | M   | 49.56 | 2     | 6.08  |      |      | D 9   | 66                                |     | M   | 83.59 | 2     | 11.71 |      |      |  |  |  |  |  |  |  |
| F 3   | 34                                |     | M   | 78.11 | 2     | 11.63 |      |      | E 9   | 66                                |     | F   | 56.27 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| G 3   | 34                                |     | M   | 76.58 | 2     | 10.54 |      |      | F 9   | 66                                |     | F   | 69.31 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| H 3   | 34                                |     | F   | 47.93 | 2     | 0.00  |      |      | G 9   | 66                                |     | F   | 59.11 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| A 4   | 34                                |     | M   | 53.42 | 2     | 6.69  |      |      | H 9   | 66                                |     | M   | 73.75 | 2     | 9.62  |      |      |  |  |  |  |  |  |  |
| B 4   | 34                                |     | F   | 39.16 | 2     | 0.00  |      |      | A 10  | 66                                |     | F   | 54.42 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| C 4   | 34                                |     | M   | 95.11 | 2     | 18.00 |      |      | B 10  | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |       |       |       |      |      |  |  |  |  |  |  |  |
| D 4   | 34                                |     | F   | 51.66 | 2     | 0.00  |      |      | C 10  | 66                                |     | F   | 57.54 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| E 4   | 34                                |     | M   | 65.61 | 2     | 8.69  |      |      | D 10  | 66                                |     | M   | 30.97 | 2     | 4.13  |      |      |  |  |  |  |  |  |  |
| F 4   | 34                                |     | M   | 64.50 | 2     | 8.36  |      |      | E 10  | 66                                |     | M   | 72.59 | 2     | 7.65  |      |      |  |  |  |  |  |  |  |
| G 4   | 34                                |     | F   | 49.83 | 2     | 0.00  |      |      | F 10  | 66                                |     | F   | 35.93 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| H 4   | 34                                |     | F   | 51.93 | 2     | 0.00  |      |      | G 10  | 66                                |     | F   | 62.19 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| A 5   | 34                                |     | F   | 47.53 | 2     | 0.00  |      |      | H 10  | 66                                |     | F   | 33.68 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| B 5   | 34                                |     | F   | 81.21 | 2     | 0.00  |      |      | A 11  | 66                                |     | M   | 34.19 | 2     | 4.52  |      |      |  |  |  |  |  |  |  |
| C 5   | 34                                |     | M   | 60.93 | 2     | 7.36  |      |      | B 11  | 66                                |     | M   | 53.90 | 2     | 6.92  |      |      |  |  |  |  |  |  |  |
| D 5   | 34                                |     | M   | 62.21 | 2     | 8.65  |      |      | C 11  | 66                                |     | M   | 82.19 | 2     | 11.02 |      |      |  |  |  |  |  |  |  |
| E 5   | 34                                |     | M   | 53.16 | 2     | 6.44  |      |      | D 11  | 66                                |     | M   | 60.83 | 2     | 8.06  |      |      |  |  |  |  |  |  |  |
| F 5   | 34                                |     | F   | 38.08 | 2     | 0.00  |      |      | E 11  | 66                                |     | M   | 60.81 | 2     | 8.62  |      |      |  |  |  |  |  |  |  |
| G 5   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |       |       |       |      |      |       |                                   |     |     |       |       |       |      |      |  |  |  |  |  |  |  |
| H 5   | 34                                |     | F   | 43.64 | 2     | 0.00  |      |      | F 11  | 66                                |     | F   | 35.91 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| A 6   | 34                                |     | M   | 74.95 | 2     | 10.04 |      |      | G 11  | 66                                |     | M   | 48.00 | 2     | 6.78  |      |      |  |  |  |  |  |  |  |
| B 6   | 34                                |     | M   | 47.58 | 2     | 5.71  |      |      | H 11  | 66                                |     | F   | 30.25 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| C 6   | 34                                |     | F   | 55.01 | 2     | 0.00  |      |      | A 12  | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |       |       |       |      |      |  |  |  |  |  |  |  |
| D 6   | 34                                |     | F   | 54.22 | 2     | 0.00  |      |      | B 12  | 66                                |     | F   | 77.49 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| E 6   | 34                                |     | M   | 52.04 | 2     | 6.61  |      |      | C 12  | 66                                |     | F   | 36.50 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| F 6   | 34                                |     | F   | 50.91 | 2     | 0.00  |      |      | D 12  | 66                                |     | F   | 34.06 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |
| G 6   | 34                                |     | M   | 69.04 | 2     | 9.20  |      |      | E 12  | 66                                |     | M   | 63.65 | 2     | 8.25  |      |      |  |  |  |  |  |  |  |
| H 6   | 34                                |     | M   | 65.02 | 2     | 7.83  |      |      | F 12  | 66                                |     | F   | 33.82 | 2     | 0.00  |      |      |  |  |  |  |  |  |  |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

H2 -0.1mL

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

| Spp (species):                          | Sex:        | Size:    | Shell Condition:   | Bio (Biometrics):    | Mat (maturity):   | BCS+:        |
|---|-------------|----------|--------------------|----------------------|-------------------|--------------|
| CO = C. opilio                          | 1 = Male    | Carapace | 0 = Premolt/Molt   | MALE: Chela          | M or V =          | P = Visually |
| CB = C. bairdi                          | 2 = Female  | Width in | 1 = Soft Shell     | Height in mm         | Positive          |              |
| (or write out<br>"opilio";<br>"bairdi") | 3 = Unknown | mm       | 2 = New Shell      | (tenths);            | Mature crab       | N = Visually |
|   |             | (tenths) | 3 = Old Shell      | FEMALE: Clutch       | (indicate when    |              |
|   |             |          | 4 = Very Old Shell | (use standard color, | sampling in sites |              |
|   |             |          | 5 = Graveyard      | condition & fullness | 1 & 4)            |              |
|   |             |          |                    | codes)               |                   |              |

Plate Number: 33Vessel: 94Collected By: LWF/TNLeg: 1-2Keys & Comments on  
back

| Well: | Haul #                            | Spp | Sex | Size   | Shell | Bio   | Mat | BCS+ |
|-------|-----------------------------------|-----|-----|--------|-------|-------|-----|------|
| A 1   | 66                                | Cb  | M   | 67.88  | 2     | 4.36  | M   | N    |
| B 1   | 66                                |     | F   | 54.96  | 2     | 0.00  |     |      |
| C 1   | 66                                |     | F   | 57.57  | 2     | 0.00  |     |      |
| D 1   | 66                                |     | F   | 72.28  | 2     | 0.00  |     |      |
| E 1   | 66                                |     | M   | 35.47  | 2     | 4.30  |     |      |
| F 1   | 66                                |     | F   | 74.11  | 2     | 0.00  |     |      |
| G 1   | 66                                |     | F   | 54.13  | 2     | 0.00  |     |      |
| H 1   | 66                                |     | M   | 57.05  | 2     | 7.48  |     |      |
| A 2   | 66                                |     | F   | 35.21  | 2     | 0.00  |     |      |
| B 2   | 66                                |     | F   | 37.72  | 2     | 0.00  |     |      |
| C 2   | 66                                |     | F   | 30.41  | 2     | 0.00  |     |      |
| D 2   | 81                                | Cb  | M   | 124.29 | 3     | 27.76 | M   | N    |
| E 2   | 81                                |     |     | 124.39 | 3     | 28.01 |     |      |
| F 2   | 81                                |     |     | 122.32 | 4     | 14.65 |     |      |
| G 2   | 81                                |     |     | 135.30 | 4     | 1.33  |     |      |
| H 2   | 79                                | Cb  | M   | 113.73 | 3     | 25.02 | M   | N    |
| A 3   |                                   |     |     | 141.49 | 4     | 1.31  |     |      |
| B 3   |                                   |     |     | 120.02 | 4     | 27.01 |     |      |
| C 3   | 83                                | Cb  | M   | 102.52 | 4     | 19.67 | M   | N    |
| D 3   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |        |       |       |     |      |
| E 3   |                                   |     |     | 119.85 | 4     | 26.08 |     |      |
| F 3   |                                   |     |     | 103.71 | 4     | 19.50 |     |      |
| G 3   |                                   |     |     | 136.59 | 4     | 30.07 |     |      |
| H 3   |                                   |     |     | 110.50 | 4     | 20.72 |     |      |
| A 4   |                                   |     |     | 126.29 | 4     | 14.65 |     |      |
| B 4   |                                   |     |     | 137.68 | 4     | 30.35 |     |      |
| C 4   |                                   |     |     | 120.22 | 4     | 25.53 |     |      |
| D 4   |                                   |     |     | 130.04 | 4     | 28.30 |     |      |
| E 4   |                                   |     |     | 130.00 | 4     | 30.18 |     |      |
| F 4   |                                   |     |     | 94.02  | 4     | 11.13 |     |      |
| G 4   |                                   |     |     | 135.75 | 4     | 31.75 |     |      |
| H 4   |                                   |     |     | 97.82  | 3     | 17.17 |     |      |
| A 5   |                                   |     |     | 118.40 | 3     | 22.96 |     |      |
| B 5   |                                   |     |     | 127.06 | 4     | 29.55 |     |      |
| C 5   | 86                                | Cb  | M   | 110.51 | 4     | 21.53 | M   | N    |
| D 5   |                                   |     |     | 113.25 | 4     | 27.31 |     |      |
| E 5   |                                   |     |     | 106.46 | 4     | 23.08 |     |      |
| F 5   |                                   |     |     | 121.50 | 4     | 1.28  |     |      |
| G 5   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |        |       |       |     |      |
| H 5   | 85                                | Cb  | M   | 124.02 | 3     | 25.42 | M   | N    |
| A 6   |                                   |     |     | 124.20 | 3     | 24.86 |     |      |
| B 6   |                                   |     |     | 133.47 | 4     | 27.92 |     |      |
| C 6   |                                   |     |     | 106.98 | 3     | 21.15 |     |      |
| D 6   |                                   |     |     | 135.69 | 4     | 28.41 |     |      |
| E 6   | 84                                | Cb  | M   | 139.87 | 4     | 32.70 | M   | N    |
| F 6   |                                   |     |     | 124.63 | 4     | 26.35 |     |      |
| G 6   |                                   |     |     | 124.35 | 4     | 29.21 |     |      |
| H 6   |                                   |     |     | 121.58 | 3     | 25.51 |     |      |

| Well: | Haul #                            | Spp | Sex | Size   | Shell | Bio   | Mat | BCS+ |
|-------|-----------------------------------|-----|-----|--------|-------|-------|-----|------|
| A 7   | 84                                | Cb  | M   | 112.26 | 4     | 22.26 | M   | N    |
| B 7   | 1                                 | 1   | 1   | 124.75 | 4     | 26.48 | 1   | 1    |
| C 7   | 80                                | Cb  | M   | 141.2  | 3     | 31.8  | M   | N    |
| D 7   |                                   |     |     | 116.35 | 3     | 26.57 | 1   | 1    |
| E 7   |                                   |     |     | 148.49 | 3     | 32.63 | 1   | 1    |
| F 7   |                                   |     |     | 130.85 | 3     | 29.96 |     |      |
| G 7   |                                   |     |     | 122.30 | 3     | 27.62 |     |      |
| H 7   |                                   |     |     | 107.56 | 1     | 31.62 |     |      |
| A 8   |                                   |     |     | 131.13 | 3     | 31.03 |     |      |
| B 8   |                                   |     |     | 124.25 | 3     | 27.58 |     |      |
| C 8   |                                   |     |     | 135.44 | 3     | 31.89 |     |      |
| D 8   |                                   |     |     | 130.83 | 3     | 22.23 |     |      |
| E 8   |                                   |     |     | 140.02 | 3     | 32.44 |     |      |
| F 8   | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |        |       |       |     |      |
| G 8   |                                   |     |     | 124.52 | 3     | 27.88 |     |      |
| H 8   |                                   |     |     | 120.04 | 3     | 24.52 |     |      |
| A 9   |                                   |     |     | 104.33 | 2     | 23.97 |     |      |
| B 9   |                                   |     |     | 119.98 | 3     | 26.78 |     |      |
| C 9   |                                   |     |     | 116.70 | 2     | 22.68 |     |      |
| D 9   |                                   |     |     | 130.91 | 3     | 30.45 |     |      |
| E 9   |                                   |     |     | 178.40 | 3     | 30.10 |     |      |
| F 9   |                                   |     |     | 123.30 | 3     | 27.32 |     |      |
| G 9   |                                   |     |     | 119.56 | 3     | 24.46 | 1   | *D.1 |
| H 9   |                                   |     |     | 106.92 | 3     | 21.69 | 1   | 1    |
| A 10  |                                   |     |     | 123.85 | 3     | 25.39 |     |      |
| B 10  | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |        |       |       |     |      |
| C 10  |                                   |     |     | 15.78  | 4     | 25.05 |     |      |
| D 10  |                                   |     |     | 116.70 | 3     | 25.59 |     |      |
| E 10  |                                   |     |     | 123.47 | 3     | 28.05 |     |      |
| F 10  |                                   |     |     | 142.25 | 3     | 27.86 |     |      |
| G 10  |                                   |     |     | 138.32 | 4     | 33.83 |     |      |
| H 10  |                                   |     |     | 117.46 | 3     | 27.37 |     |      |
| A 11  |                                   |     |     | 126.94 | 4     | 29.17 |     |      |
| B 11  |                                   |     |     | 118.48 | 3     | 24.49 |     |      |
| C 11  |                                   |     |     | 120.09 | 3     | 24.74 |     |      |
| D 11  |                                   |     |     | 105.63 | 4     | 24.60 |     |      |
| E 11  |                                   |     |     | 132.43 | 3     | 31.19 |     |      |
| F 11  |                                   |     |     | 112.31 | 4     | 26.84 |     |      |
| G 11  |                                   |     |     | 133.95 | 3     | 28.74 |     |      |
| H 11  |                                   |     |     | 118.08 | 3     | 26.13 |     |      |
| A 12  | DO NOT TAKE SAMPLE - CONTROL WELL |     |     |        |       |       |     |      |
| B 12  |                                   |     |     | 108.85 | 3     | 21.89 |     |      |
| C 12  |                                   |     |     | 138.75 | 3     | 33.24 |     |      |
| D 12  |                                   |     |     | 124.25 | 3     | 20.73 |     |      |
| E 12  | 106                               | Cb  | N   | 129.63 | 3     | 29.89 | 1   | 1    |
| F 12  |                                   |     |     | 137.70 | 3     | 34.96 |     |      |
| G 12  |                                   |     |     | 133.70 | 3     | 28.07 |     |      |
| H 12  |                                   |     |     | 117.62 | 3     | 24.97 |     |      |

**NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)**

**If a cap pops off:** put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

**KEYS:**

| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat</u><br><u>(maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|

Plate Number: 34Vessel: 94Keys & Comments on  
backCollected By: WL LIEFFLeg: 2

| Well: | Haul # | Spp  | Sex | Size                              | Shell | Bio   | Mat  | BCS+ |
|-------|--------|------|-----|-----------------------------------|-------|-------|------|------|
| A 1   | 108    | C.b. | M   | 125.88                            | 3     | 27.94 | M    | N    |
| B 1   |        |      |     | 131.63                            | 3     | 29.78 |      |      |
| C 1   |        |      |     | 118.4                             | 3     | 25.19 |      |      |
| D 1   |        |      |     | 140.87                            | 3     | 33.63 |      |      |
| E 1   |        |      |     | 123.49                            | 3     | 26.77 |      |      |
| F 1   |        |      |     | 136.95                            | 3     | 31.35 |      |      |
| G 1   |        |      |     | 129.15                            | 3     | 30.58 |      |      |
| H 1   |        |      |     | 128.86                            | 3     | 28.82 |      |      |
| A 2   |        |      |     | 122.89                            | 3     | 25.70 |      |      |
| B 2   |        |      |     | 125.56                            | 3     | 26.41 |      |      |
| C 2   |        |      |     | 113.28                            | 3     | 22.26 |      |      |
| D 2   |        |      |     | 130.14                            | 3     | 34.75 |      |      |
| E 2   |        |      |     | 106.02                            | 3     | 23.62 |      |      |
| F 2   |        |      |     | 116.14                            | 3     | 23.18 |      |      |
| G 2   |        |      |     | 126.95                            | 3     | 30.70 |      |      |
| H 2   |        |      |     | 97.09                             | 3     | 18.81 |      |      |
| A 3   |        |      |     | 132.77                            | 3     | 30.82 |      |      |
| B 3   |        |      |     | 129.01                            | 3     | 31.06 |      |      |
| C 3   |        |      |     | 131.56                            | 3     | 30.82 |      |      |
| D 3   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |      |      |
| E 3   |        |      |     | F                                 | 84.69 | 4     | 44   |      |
| F 3   |        |      |     | F                                 | 44.32 | 2     | 557  | I    |
| G 3   |        |      |     | F                                 | 44.88 | 2     | 5.69 | F    |
| H 3   |        |      |     | F                                 | 35.06 | 2     | 0.00 | I    |
| A 4   | 104    |      | M   | 125.72                            | 3     | 28.52 | M    | N    |
| B 4   |        |      |     | 111.27                            | 3     | 24.36 |      |      |
| C 4   |        |      |     | 114.62                            | 3     | 24.43 |      |      |
| D 4   |        |      |     | 131.40                            | 3     | 31.29 |      |      |
| E 4   |        |      |     | 126.13                            | 3     | 26.10 |      |      |
| F 4   |        |      |     | 111.44                            | 3     | 24.12 |      |      |
| G 4   |        |      |     | 116.56                            | 3     | 21.42 |      |      |
| H 4   |        |      |     | 124.33                            | 3     | 26.67 |      |      |
| A 5   |        |      |     | 125.22                            | 3     | —     |      |      |
| B 5   |        |      |     | 138.15                            | 3     | 32.04 |      |      |
| C 5   |        |      |     | 111.39                            | 3     | 25.00 |      |      |
| D 5   |        |      |     | 138.18                            | 3     | 29.17 |      |      |
| E 5   |        |      |     | 133.35                            | 3     | 32.68 |      |      |
| F 5   |        |      |     | 145.40                            | 3     | 24.73 |      |      |
| G 5   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |      |      |
| H 5   |        |      |     | 123.91                            | 3     | 27.66 |      |      |
| A 6   |        |      |     | 93.96                             | 3     | 17.33 |      |      |
| B 6   |        |      |     | 100.50                            | 3     | 18.94 | 2    |      |
| C 6   | 103    |      |     | 121.13                            | 3     | 27.39 | M    | N    |
| D 6   |        |      |     | 118.45                            | 3     | 20.74 |      |      |
| E 6   |        |      |     | 133.54                            | 3     | 30.93 |      |      |
| F 6   |        |      |     | 111.53                            | 3     | 24.92 |      |      |
| G 6   |        |      |     | 140.99                            | 3     | 29.95 |      |      |
| H 6   |        |      |     | 118.08                            | 3     | 32.59 |      |      |

| Well: | Haul # | Spp  | Sex | Size                              | Shell | Bio   | Mat  | BCS+ |
|-------|--------|------|-----|-----------------------------------|-------|-------|------|------|
| A 7   | 103    | C.b. | M   | 125.37                            | 3     | 30.12 | M    | N    |
| B 7   |        |      |     | 118.39                            | 3     | 27.20 |      |      |
| C 7   |        |      |     | 127.48                            | 3     | 28.38 |      |      |
| D 7   |        |      |     | 135.18                            | 3     | 33.17 |      |      |
| E 7   |        |      |     | 84.54                             | 3     | 15.00 |      |      |
| F 7   |        |      |     | 99.22                             | 3     | 19.53 |      |      |
| G 7   |        |      |     | 110.39                            | 3     | 23.80 |      |      |
| H 7   |        |      |     | 119.38                            | 3     | 23.52 |      |      |
| A 8   |        |      |     | 88.75                             | 3     | 14.79 |      |      |
| B 8   |        |      |     | 95.74                             | 3     | 19.56 |      |      |
| C 8   |        |      |     | 121.34                            | 3     | 28.99 |      |      |
| D 8   |        |      |     | 125.51                            | 3     | 26.92 |      |      |
| E 8   |        |      |     | 99.52                             | 3     | 20.93 |      |      |
| F 8   |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |      |      |
| G 8   |        |      |     | 105.67                            | 3     | 22.12 | J    |      |
| H 8   |        |      |     | 106.76                            | 3     | 20.62 |      |      |
| A 9   |        |      |     | 128.73                            | 3     | 23.09 |      |      |
| B 9   |        |      |     | 121.22                            | 3     | 28.72 |      |      |
| C 9   |        |      |     | 127.06                            | 3     | 24.63 |      |      |
| D 9   |        |      |     | 117.41                            | 3     | 25.97 |      |      |
| E 9   |        |      |     | 130.23                            | 3     | 30.45 |      |      |
| F 9   |        |      |     | 124.46                            | 3     | 26.89 |      |      |
| G 9   |        |      |     | 113.90                            | 3     | 23.10 |      |      |
| H 9   |        |      |     | 130.92                            | 3     | 24.34 |      |      |
| A 10  |        | C.b. | F   | 21.15                             | 2     | 000   | I    | A    |
| B 10  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |      |      |
| C 10  |        |      |     | W                                 | 28.84 | 3     | 8.80 |      |
| D 10  |        |      |     | F                                 | 30.59 | 3     | 6.68 |      |
| E 10  |        |      |     | F                                 | 33.97 | 000   | T    |      |
| F 10  |        |      |     | F                                 | 33.28 | 000   |      |      |
| G 10  |        |      |     | F                                 | 68.71 | 000   |      |      |
| H 10  |        |      |     | F                                 | 31.94 | 000   | b    |      |
| A 11  |        |      |     | M                                 | 31.73 | 3     | 8.85 |      |
| B 11  |        |      |     | F                                 | 33.21 | 000   |      |      |
| C 11  |        |      |     | M                                 | 34.77 | 4.07  |      |      |
| D 11  |        |      |     | M                                 | 30.43 | 3.59  |      |      |
| E 11  |        |      |     | F                                 | 33.98 | 000   |      |      |
| F 11  |        |      |     | F                                 | 67.14 | 000   |      |      |
| G 11  |        |      |     | M                                 | 31.71 | 3.80  |      |      |
| H 11  |        |      |     | M                                 | 30.42 | 3.45  |      |      |
| A 12  |        |      |     | DO NOT TAKE SAMPLE - CONTROL WELL |       |       |      |      |
| B 12  |        |      |     | M                                 | 55.54 | 6.33  |      |      |
| C 12  |        |      |     | N                                 | 30.57 | 3.85  |      |      |
| D 12  |        |      |     | F                                 | 34.23 | 000   |      |      |
| E 12  |        |      |     | M                                 | 31.71 | 3.90  |      |      |
| F 12  |        |      |     | A                                 | 31.19 | 3.97  |      |      |
| G 12  |        |      |     | F                                 | 32.27 | 000   |      |      |
| H 12  |        |      |     | N                                 | 32.51 | 3.72  |      |      |

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

610 + B12 0.1cc only

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, please take a photo, blood sample (use a collection plate well) & 3 Blood Smears.

KEYS:

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <u>Spp (species):</u><br>CO = C. opilio<br>CB = C. bairdi<br>(or write out<br>"opilio";<br>"bairdi") | <u>Sex:</u><br>1 = Male<br>2 = Female<br>3 = Unknown | <u>Size:</u><br>Carapace<br>Width in<br>mm<br>(tenths) | <u>Shell Condition:</u><br>0 = Premolt/Molt<br>1 = Soft Shell<br>2 = New Shell<br>3 = Old Shell<br>4 = Very Old Shell<br>5 = Graveyard | <u>Bio (Biometrics):</u><br>MALE: Chela<br>Height in mm<br>(tenths);<br>FEMALE: Clutch<br>(use standard color,<br>condition & fullness<br>codes) | <u>Mat (maturity):</u><br>M or V =<br>Mature crab<br>(indicate when<br>sampling in sites<br>1 & 4) | <u>BCS+:</u><br>P = Visually<br>Positive<br>N = Visually<br>Negative |
|--|--|--|--|--|--|--|