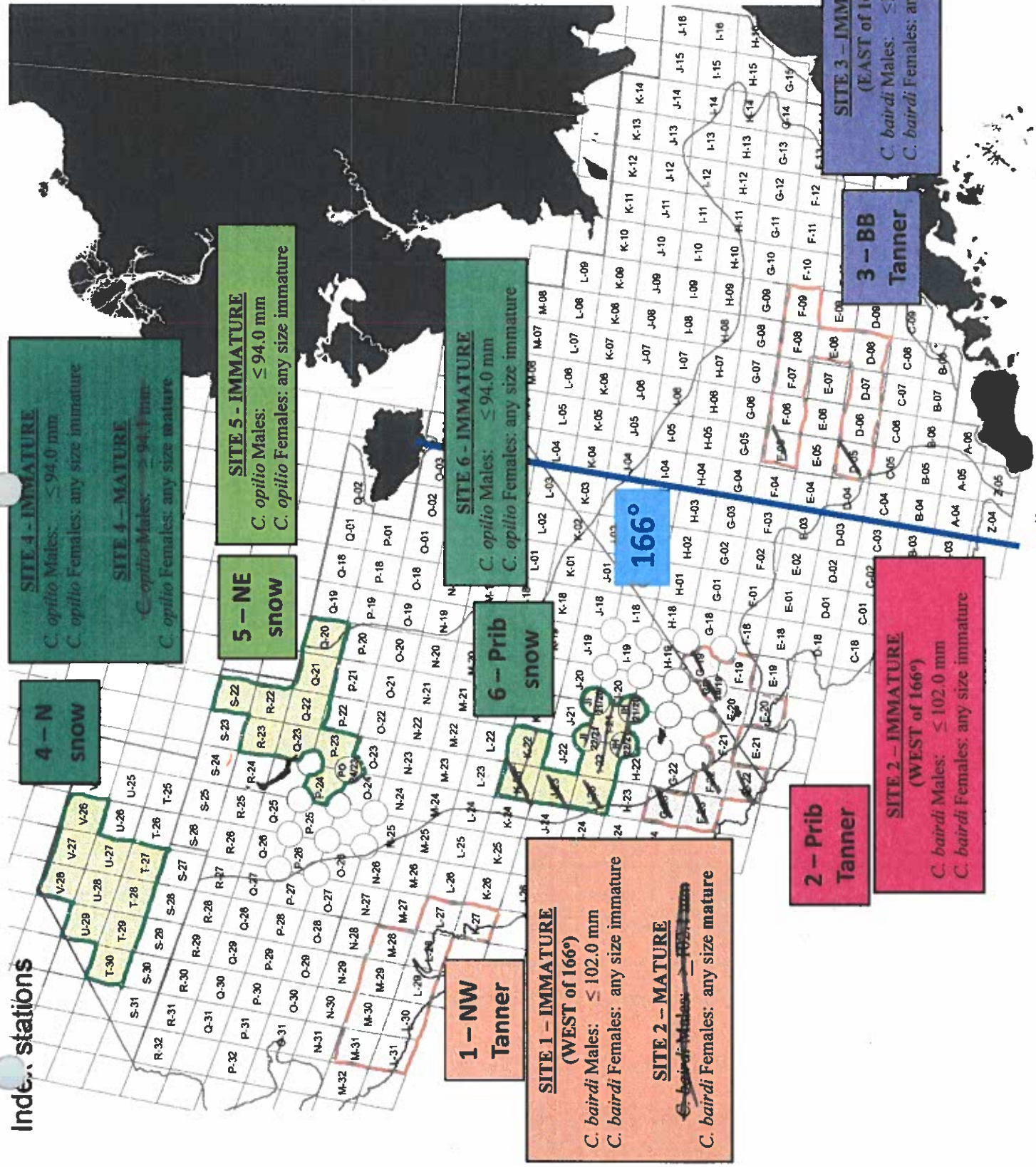


2017 BCS

Index Sites

-  *C. opilio*
-  *C. bairdi*



Index stations

4 - N snow

SITE 4 - IMMATURE
C. opilio Males: ≤ 94.0 mm
C. opilio Females: any size immature

SITE 4 - MATURE
~~*C. opilio* Males: ≤ 94.0 mm~~
~~*C. opilio* Females: any size mature~~

5 - NE snow

SITE 5 - IMMATURE
C. opilio Males: ≤ 94.0 mm
C. opilio Females: any size immature

1 - NW Tanner

SITE 1 - IMMATURE (WEST of 166°)
C. bairdi Males: ≤ 102.0 mm
C. bairdi Females: any size immature

SITE 2 - MATURE
~~*C. bairdi* Males: ≤ 102.0 mm~~
~~*C. bairdi* Females: any size mature~~

6 - Prib snow

SITE 6 - IMMATURE
C. opilio Males: ≤ 94.0 mm
C. opilio Females: any size immature

2 - Prib Tanner

SITE 2 - IMMATURE (WEST of 166°)
C. bairdi Males: ≤ 102.0 mm
C. bairdi Females: any size immature

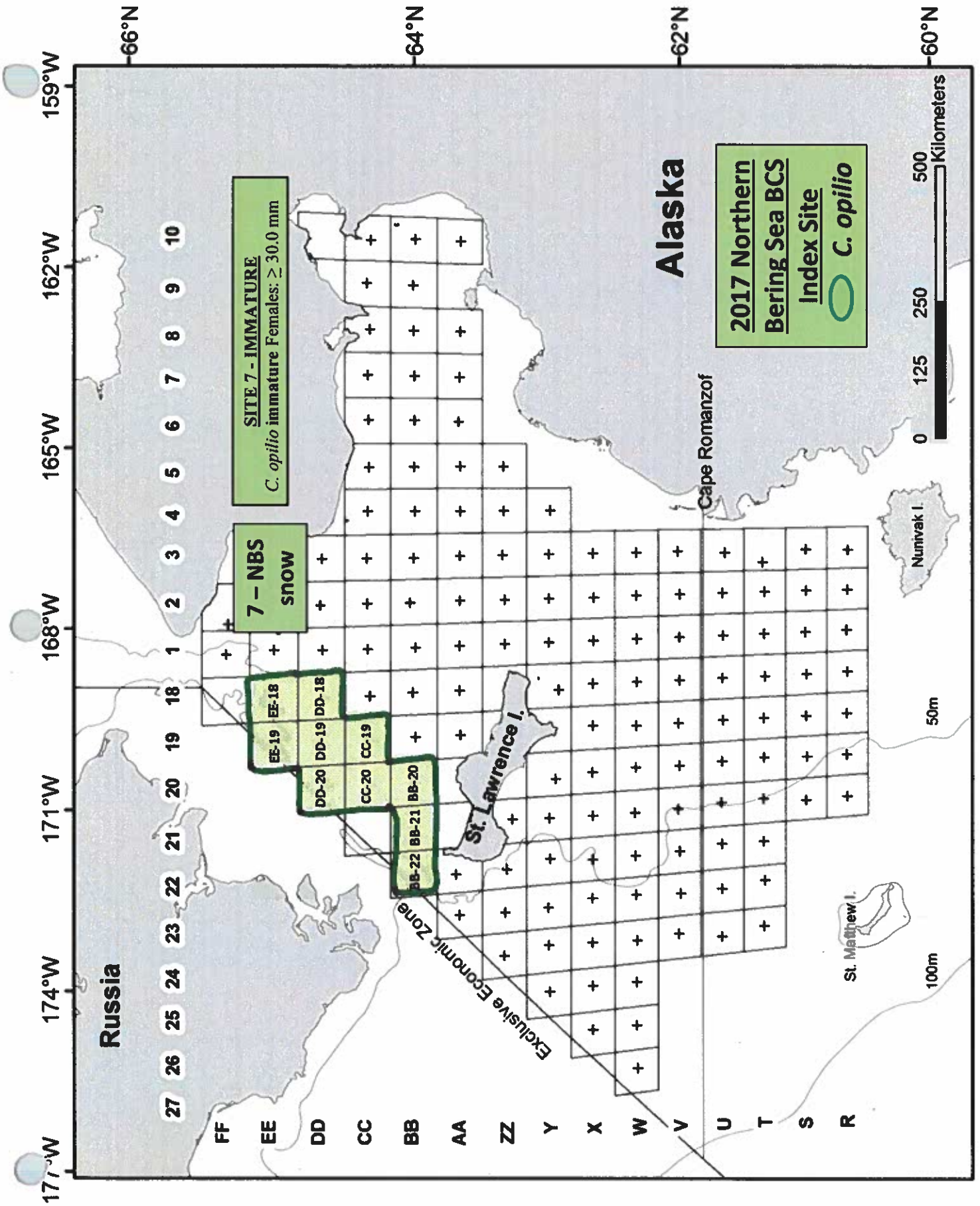
3 - BB Tanner

SITE 3 - IMMATURE (EAST of 166°)
C. bairdi Males: ≤ 112.0 mm
C. bairdi Females: any immature

166°

1982 MAR 25





MSB 1149



2011
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 50
Collected By: PJT

Vessel: 112
Leg: 501701

Keys & Comments on
back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	19	Cb	2	30.3	2	0.00	I	-
B1	19	Cb	2	30.2	2	0.00	I	-
C1	20	Cb	2	24.0	2	0.00	I	-
D1	25	Cb	1	37.9	2	12.3	I	-
E1			1	107.8	3	22.8	I	-
F1			1	112.4	3	24.4	I	-
G1			1	99.5	3	18.0	I	-
H1			1	109.7	3	Wochers	I	-
A2			1	104.3	3	20.1	I	-
B2			1	97.1	3	16.1	I	-
C2	25	Cb	1	72.7	3	12.6	I	-
D2	27	Cb	1	105.2	3	21.7	I	-
E2	76	Co	1	20.07	2	19.21	I	-
F2	78	Co	1	61.14	2	17.82	I	-
G2	78	Co	1	67.39		13.94	I	-
H2	78	Co	1	74.67	2	16.71	I	-
A3	78	Co	1	79.35	3	16.27	I	-
B3	80	Co	1	66.46	2	14.35	I	-
C3	80	Co	1	59.54	3	12.03	I	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3	80	Co	1	56.69	3	10.43	I	-
F3		Co	1	57.59	2	11.36	I	-
G3			1	72.25	3	13.30	I	-
H3			1	60.76	2	12.33	I	-
A4		Co	1	72.44	3	14.84	I	-
B4	84	Co	1	90.62	3	19.00	I	-
C4	84	Co	1	85.72	3	19.99	I	-
D4	84	Co	1	60.75	4	11.20	I	-
E4	84	Co	1	68.42	3	12.70	I	-
F4	84	Co	1	67.52	3	15.14	I	-
G4	84	Co	1	59.63	3	13.81	I	-
H4	84	Co	1	65.47	3	14.07	I	-
A5	84	Co	1	76.71	3	15.72	I	-
B5	84	Co	1	73.35	3	15.39	I	-
C5	85	Co	1	84.19	2	20.61	I	-
D5	85	Co	1	84.11	3	19.40	I	-
E5	85	Co	1	65.03	2	12.13	I	-
F5	85	Co	1	89.97	3	22.94	I	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5	85	Co	1	78.11	3	18.10	I	-
A6	85	Co	1	88.75	2	21.13	I	-
B6	85	Co	1	63.79	3	13.13	I	-
C6	85	Co	1	65.74	2	14.81	I	-
D6	85	Co	1	81.01	4	19.57	I	-
E6	85	Co	1	73.69	3	16.20	I	-
F6	85	Co	1	67.78	3	14.66	I	-
G6	85	Co	1	79.61	3	17.74	I	-
H6	86	Co	1	81.43	3	18.60	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	86	Co	1	82.13	2	18.27	I	-
B7	86	Co	1	71.17	3	15.17	I	-
C7	86	Co	1	68.10	3	14.27	I	-
D7	86	Co	1	70.51	3	17.89	I	-
E7	86	Co	1	77.29	4	16.55	I	-
F7	86	Co	1	76.70	4	15.09	I	-
G7	86	Co	1	84.40	3	18.78	I	-
H7	87	Co	1	83.77	3	26.56	I	-
A8	91	Co	1	93.48	3	22.53	I	-
B8	91	Co	1	76.97	3	17.21	I	-
C8	91	Co	1	75.45	3	16.60	I	-
D8	91	Co	1	75.38	4	17.35	I	-
E8	101	Co	2	47.75	2	0.00	I	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			2	49.26	1	0.00		
H8			2	36.75	1	0.00		
A9			2	41.06	1	0.00		
B9			2	44.73	1	0.00		
C9			2	42.61	1	0.00		
D9			2	47.75	1	0.00		
E9			2	41.93	1	0.00		
F9			1	46.52	1	7.62		
G9			2	40.16	1	0.00		
H9			2	41.97	1	0.00		
A10			1	41.01	1	6.50		
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			2	34.34	1	0.00		
D10			1	31.47	1	0.00		
E10			2	42.06	1	0.00		
F10			2	42.73	1	0.00		
G10			1	44.53	1	6.68		
H10			1	32.36	1	4.71		
A11			2	42.34	1	0.00		
B11			2	41.41	1	0.00		
C11	110	Cb	1	95.19	3	17.71		
D11				95.68	1	17.97		
E11				99.67	1	22.13		
F11				101.18	1	-		
G11				99.17	1	20.20		
H11				96.51	1	15.54		
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12	110	Cb	1	96.63	3	17.83		
C12	111	Cb	1	98.04	4	17.17		
D12				80.40	1	12.70		
E12				96.08	1	17.60		
F12				101.87	1	19.65		
G12				98.82	4	17.81		
H12	111	Cb	2	64.74	1	0.00		

202

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

4

5

4

7

4

9

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

.1ml blood: C1

.1ml blood F3

1 claw: B2

C12-1ml

F12-1ml

H-12 1ml

1/2 Hour 19- rest on Index St Station - 04/25

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):

CO = C. opilio

CB = C. bairdi

(or write out

"opilio";

"bairdi")

Sex:

1 = Male

2 = Female

3 = Unknown

Size:

Carapace

Width in

mm

(tenths)

Shell Condition:

0 = Premolt/Molt

1 = Soft Shell

2 = New Shell

3 = Old Shell

4 = Very Old Shell

5 = Graveyard

Bio (Biometrics):

MALE: Chela

Height in mm

(tenths);

FEMALE: Clutch

(use standard color,

condition & fullness

codes)

Mat

(maturity):

M or V =

Mature crab

(indicate when

sampling in sites

2 & 4)

BCS+:

P = Visually

Positive

N = Visually

Negative

2015 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 51

Vessel: 162

Keys & Comments on back

Collected By: DB/AB

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	137	Co	1	54.20	2	8.14		
B1			1	46.81		6.19		
C1			2	41.21		000		
D1				39.65				
E1				41.93				
F1				53.56				
G1				42.34				
H1				44.84				
A2				44.18				
B2				41.96				
C2				38.81				
D2				49.02				
E2	✓		✓	45.16	✓	✓		
F2	137		2	45.68	2	000		
G2	138		1	42.42	2	7.10		
H2				48.74		9.97		
A3				49.37		8.01		
B3				53.68		10.41		
C3				53.11		10.23		
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3				54.83		11.22		
F3			1	46.71		7.64		
G3				52.85		8.82		
H3				44.66		8.18		
A4				44.76		7.24		
B4				47.06		7.68		
C4			✓	39.13		7.18		
D4			1	44.87		6.91		
E4			2	43.55		000		
F4				43.72				
G4				48.38				
H4				44.19				
A5				48.73				
B5				43.85				
C5				45.35				
D5				43.01				
E5				44.05				
F5				43.65				
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5	✓	✓		43.99	✓	✓		
A6	138	Co	2	48.94	2	000		
B6	151	Cb	1	95.35	3	16.43		
C6				96.14		19.16		
D6				101.45		18.24		
E6				98.88	✓	18.34		
F6				101.03	3	18.94		
G6	✓	✓	✓	96.87	2	19.42		
H6	151	Cb	1	65.96	2	9.49		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	151	Cb	1	56.97	2	6.72		
B7				41.43	1	5.41		
C7			✓	55.53	✓	6.60		
D7			1	44.16	2	5.76		
E7			2	66.17	4	4.13		
F7				70.07		4.16		
G7				85.95		4.15		
H7				75.74		4.16		
A8				78.18		4.16		
B8				79.30		4.13		
C8				74.76		4.16		
D8				73.63		4.16		
E8				86.71		4.15		
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				82.22		4.16		
H8				79.15		4.12		
A9				74.77		4.16		
B9				87.40		4.16		
C9				83.66		4.12		
D9				69.62		4.15		
E9				78.02		4.16		
F9				88.46		4.16		
G9				77.68		4.13		
H9				81.95		4.12		
A10				70.32		4.15		
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10				88.57		4.12		
D10				89.05		4.16		
E10				74.41		4.16		
F10				83.13		4.13		
G10				72.42		4.15		
H10				73.77		4.13		
A11				75.15		4.16		
B11				72.66		4.16		
C11				72.20		4.16		
D11				70.66		4.13		
E11				77.07		4.15		
F11				74.08		4.13		
G11				69.26	✓	4.16		
H11				62.11	4	001		
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12				70.32	3	4.16		
C12				82.43		4.16		
D12				80.42		4.16		
E12				73.47		4.16		
F12				85.31	✓	4.16		
G12	✓	✓	✓	73.54	3	4.16		
H12	151	Cb	2	92.57	2	4.16		

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

G-1 - 1 ml

E4 - 1 ml

G6 - 1 ml

G7 - 1 ml

H7 - 1 ml

A8 - 1 ml

C8 - 1 ml

B9 - 1 ml

C9 - 1 ml

E9 - 1 ml

F9 - 1 ml

H9 - 1 ml

E11 - 1 ml

F11 - 1 ml

G11 - 1 ml

C12 - 1 ml

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):

CO = *C. opilio*

CB = *C. bairdi*

(or write out

"*opilio*";

"*bairdi*")

Sex:

1 = Male

2 = Female

3 = Unknown

Size:

Carapace

Width in

mm

(tenths)

Shell Condition:

0 = Premolt/Molt

1 = Soft Shell

2 = New Shell

3 = Old Shell

4 = Very Old Shell

5 = Graveyard

Bio (Biometrics):

MALE: Chela

Height in mm

(tenths);

FEMALE: Clutch

(use standard color,

condition & fullness

codes)

Mat

(maturity):

M or V =

Mature crab

(indicate when

sampling in sites

2 & 4)

BCS+:

P = Visually

Positive

N = Visually

Negative

2017 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 52

Vessel: 162

Keys & Comments on back

Collected By: DB/AB

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	112	Cb	1	100.61	3	20.91		
B1				81.70	4	13.87		
C1				100.71	1	20.80		
D1				70.15	↓	18.30		
E1				91.18	4	—		
F1			✓	82.41	2	—		
G1				79.85	1	10.44		
H1			2	62.80	1	000		
A2	112	Cb	2	58.88	↓	000		
B2	119	Cb	2	42.91	2	000		
C2			2	47.36	1	000		
D2			1	33.55		3.86		
E2			2	50.75		000		
F2				34.40				
G2				40.35				
H2				40.90				
A3				32.61				
B3				29.18				
C3			✓	31.93		✓		
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			2	27.90		000		
F3			1	34.12		4.18		+
G3				48.60		5.48		
H3				34.28		3.58		
A4				24.90		3.07		
B4				26.93		3.37		
C4				26.11		3.16		
D4			✓	25.18		3.06		
E4			1	24.02		3.24		
F4	119		2	25.67		000		
G4	120		1	94.57	↓	17.98		
H4			1	38.69	2	4.71		
A5				95.25	3	15.70		
B5				98.73	3	16.70		
C5				41.32	2	5.03		
D5			1	33.04		3.97		
E5				36.50		3.48		
F5				31.24		4.12		
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			✓	95.5		15.83		
A6			1	33.71		3.77		
B6			2	46.09		000		
C6				36.77				
D6				39.07				
E6				34.30				
F6				35.07				
G6	✓	✓	✓	33.22	✓	✓		
H6	120	Cb	2	34.05	2	000		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	120	Cb	2	35.44	2	000		
B7	120	Cb	2	34.71	2	000		
C7	120	Cb	2	33.14	2	000		
D7	134	Cb	2	53.42	2	000		
E7				59.18				
F7				52.64				
G7				52.48				
H7				48.23				
A8				51.50				
B8				48.86				
C8				48.34				
D8			✓	50.66	✓	✓		
E8			2	50.29	2	000		
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			1	61.91	3	12.68		
H8				68.16	1	15.17		
A9				58.76		12.56		
B9				66.67		16.10		
C9				72.49		15.63		
D9				59.54		11.13		
E9				65.69		14.68		
F9				60.22		13.47		
G9				63.80		14.35		
H9	✓		✓	60.42	✓	10.84		
A10	134		1	64.58	3	13.89		
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10	136		1	60.49	2	12.26		
D10				53.74		11.30		
E10				51.60		8.35		
F10				49.52		9.19		
G10				48.71		8.61		
H10				57.17		10.81		
A11				53.95		9.40		
B11	✓			60.64		12.40		
C11				48.77		8.91		
D11	136			49.31		8.38		
E11	137			55.81		11.59		
F11				48.84		8.16		
G11				60.66		11.22		
H11				63.27		10.55		
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12				47.61		7.68		
C12				57.03		9.93		
D12				53.35		7.91		
E12				57.06		10.71		
F12				53.61		8.82		
G12	✓	✓	✓	54.87	✓	11.87		
H12	137	Cb	1	53.93	2	11.99		

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

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

A1 - 1ml ✓ E5 - 1ml ✓
 B1 - 1ml ✓ G5 - 1ml ✓
 C1 - 1ml ✓ E6 - 1ml ✓
 D1 - 1ml ✓ G6 - 1ml ✓
 G1 - 1ml ✓ H6 - 1ml ✓
 A2 - 1ml ✓ B7 - 1ml ✓
 C2 - 1ml ✓ E7 - 1ml ✓
 D2 - 1ml ✓ D7 - 1ml ✓
 H2 - 1ml ✓ E9 - 1ml ✓
 E3 - 1ml ✓ F9 - 1ml ✓
 F3 - 1ml ✓ G9 - 1ml ✓
 A4 - 1ml ✓ A9 - 1ml ✓
 B4 - 1ml ✓ A11 - 1ml ✓
 C4 - 1ml ✓ E11 - 1ml ✓
 E4 - 1ml ✓ G12 - 1ml ✓
 A5 - 1ml ✓
 H4 - 1ml ✓
 C5 - 1ml ✓
 D5 - 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 = <i>C. opilio</i> CB = <i>C. bairdi</i> (or write out "opilio"; "bairdi")	1 = Male 2 = Female 3 = Unknown	Carapace Width in mm (tenths)	0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	M or V = Mature crab (indicate when sampling in sites 1 & 4)	P = Visually Positive N = Visually Negative

2011
2016 EBS Chionocefes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 53

Vessel: 162

Keys & Comments on
back

Collected By: AB/DR

Leg: 3



	Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1	A1	151	Cb	2	81.05	2	416		
	B1				68.90		416		
	C1				79.22		416		
	D1				80.74		416		
	E1				68.05		416		
	F1				44.92		000		
	G1				53.84				
	H1				49.00				
Column 2	A2				47.60				
	B2				44.01				
	C2	✓	✓	✓	29.59		✓		+
	D2	151	Cb	2	31.22		000		
	E2	167	Co	2	71.47		000		
	F2				67.19				
	G2				73.36				
	H2				65.29				+
Column 3	A3				68.89				
	B3				60.76				
	C3				66.78				
	D3	DO NOT TAKE SAMPLE - CONTROL WELL							
	E3				74.59				+
	F3				61.25				
	G3				60.44				+
	H3				62.35				
Column 4	A4				70.98				+
	B4				59.24				+
	C4				62.70				
	D4				64.78				
	E4				66.36				
	F4				77.84				+
	G4				71.39				+
	H4				67.17				+
Column 5	A5			2	59.93		000		
	B5			1	61.85		10.58		
	C5				80.91		15.87		
	D5				65.67		11.57		
	E5				72.38		10.85		+
	F5				66.14		12.18		
	G5	DO NOT TAKE SAMPLE - CONTROL WELL							
	H5				59.10		9.05		
Column 6	A6				65.75		11.44		
	B6	✓			66.51		11.38		
	C6	✓		✓	69.65		12.47		+
	D6	167		1	59.19	✓	9.83		
	E6	168		2	49.71	2	415		
	F6				54.64	4	416		
	G6		✓	✓	51.88	3	001		
	H6	168	Co	2	48.63	3	416		

	Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7	A7	168	Co	2	44.64	3	416		
	B7				45.37	4	416		
	C7				43.99	4	416		
	D7				51.36	3	416		
	E7				45.28	3	416		
	F7				44.63	4	414		
	G7				48.53	4	416		
	H7				44.84	4	416		
Column 8	A8			✓	45.64	4	416		
	B8			2	46.34	4	416		
	C8			1	60.85	2	12.44		
	D8				56.73	3	11.42		
	E8				76.34	2	13.90		
	F8	DO NOT TAKE SAMPLE - CONTROL WELL							
	G8				81.31	2	14.94		
	H8				71.29	2	17.25		
Column 9	A9				75.95	4	16.89		
	B9				90.03	3	20.48		
	C9				85.56	3	19.23		
	D9	✓		✓	88.05	2	21.79		
	E9	168		1	55.33	3	10.48		
	F9	169		2	57.86	2	415		
	G9				50.99	3	415		
	H9				59.16	2	415		
Column 10	A10				56.15	2	415		
	B10	DO NOT TAKE SAMPLE - CONTROL WELL							
	C10				47.33	2	414		
	D10				51.19	2	415		
	E10				50.12	2	415		
	F10				46.16	2	415		
	G10				57.74	2	415		
	H10				40.96	3	001		
Column 11	A11				60.45	2	000		
	B11				46.20				
	C11				47.98				
	D11				54.49				
	E11				50.20				
	F11				47.43				
	G11				51.50				
	H11				50.39				
Column 12	A12	DO NOT TAKE SAMPLE - CONTROL WELL							
	B12			✓	47.39		✓		
	C12			2	47.47		000		
	D12			1	63.37		11.14		
	E12				76.03		15.97		
	F12				72.32		13.48		
	G12	✓	✓	✓	59.68	✓	10.76		
	H12	169	Co	1	70.89	2	13.35		

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

B3 - 1 ml

A5 - 1 ml

A6 - 1 ml

B6 - 1 ml

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):

CO = *C. opilio*

CB = *C. bairdi*

(or write out

"opilio";

"bairdi")

Sex:

1 = Male

2 = Female

3 = Unknown

Size:

Carapace

Width in

mm

(tenths)

Shell Condition:

0 = Premolt/Molt

1 = Soft Shell

2 = New Shell

3 = Old Shell

4 = Very Old Shell

5 = Graveyard

Bio (Biometrics):

MALE: Chela

Height in mm

(tenths);

FEMALE: Clutch

(use standard color,

condition & fullness codes)

Mat

(maturity):

M or V =

Mature crab

(indicate when

sampling in sites

2 & 4)

BCS+:

P = Visually

Positive


N = Visually

Negative

2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 54
 Collected By: AB/DB

Vessel: 162
 Leg: 3+4

Keys & Comments on back 

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	169	Co	1	55.57	2	9.23		
B1				78.53		14.88		
C1				70.44		13.05		
D1	✓			53.07		8.76		
E1	169			57.18		8.02		
F1	170			66.53		11.80		
G1				55.45		9.01		
H1				59.50		10.00		
A2				61.82		10.61		
B2				53.17		9.54		
C2				56.48		11.42		
D2				50.35		—		
E2				51.30		8.87		
F2			✓	62.39		13.82		
G2			1	60.74		—		
H2			2	50.65		000		
A3				50.08				
B3				55.80				
C3				49.92				
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3				43.29				
F3				48.75				
G3				46.56				
H3				44.99				
A4				46.91		✓		
B4				44.26		000		
C4				62.33		415		
D4				48.96		415		
E4				45.97		414		
F4				52.34		414		
G4				49.40		414		
H4				49.81		414		
A5				45.44		414		
B5				47.62		414		
C5	✓	✓	✓	47.05	✓	415		
D5	170	Co	2	48.81	2	001		
E5	48	Co	2	35.09	2	000		
F5				49.57				
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5				39.47				
A6				41.18				
B6				43.29				
C6				37.51				
D6				49.71				
E6				41.67				
F6				44.61				+
G6				43.14				
H6				38.05				

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	47	Co	2	50.56	2	000		
B7				48.96				
C7				42.43				
D7				47.68				
E7				44.26				
F7				47.77				
G7				48.20				
H7				36.99				
A8				44.81				
B8	↓	↓	↓	41.78	↓	↓		
C8	51	Co	2	29.17	2	000		
D8				45.46				
E8				37.68				
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				32.37				
H8				35.60				
A9				33.61				
B9				31.48				
C9				32.95				
D9				32.10				
E9	↓	↓	↓	33.25	↓	↓		
F9	50	Co	2	47.99	2	000		
G9				31.14				+
H9				30.64				+
A10				33.84				+
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10				37.80				
D10				32.72				+
E10				38.49				+
F10				56.98				
G10				49.22				
H10	↓	↓	↓	37.74	↓	↓		+
A11	52	Co	2	42.47	2	000		
B11				32.19				
C11				31.92				+
D11				35.19				+
E11				33.45				
F11				30.60				
G11				44.44				
H11	↓	↓	↓	40.18	↓	↓		
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12	50	Co	2	33.12	2	000		+
C12	50	Co	2	34.83	2	000		+
D12	54	Co	2	37.41	2	000		
E12	↓	↓	↓	32.41	↓	↓		
F12	53	Co	2	38.97	2	000		+
G12				34.10				
H12	↓	↓	↓	34.57	↓	↓		

NBS

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

FZ - 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):

CO = *C. opilio*

CB = *C. bairdi*

(or write out

"opilio";

"bairdi")

Sex:

1 = Male

2 = Female

3 = Unknown

Size:

Carapace

Width in

mm

(tenths)

Shell Condition:

0 = Premolt/Molt

1 = Soft Shell

2 = New Shell

3 = Old Shell

4 = Very Old Shell

5 = Graveyard

Bio (Biometrics):

MALE: Chela

Height in mm

(tenths);

FEMALE: Clutch

(use standard color,

condition & fullness

codes)

Mat

(maturity):

M or V =

Mature crab

(indicate when

sampling in sites

2 & 4)

BCS+:

P = Visually

Positive

N = Visually

Negative



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

E4 was either 34 or 32mm - I'm pretty sure I sampled the smaller
F4 - visibly bitter telmessas

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> CO = C. opilio CB = C. bairdi (or write out "opilio"; "bairdi")	<u>Sex:</u> 1 = Male 2 = Female 3 = Unknown	<u>Size:</u> Carapace Width in mm (tenths)	<u>Shell Condition:</u> 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	<u>Bio (Biometrics):</u> MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	<u>Mat</u> (maturity): M or V = Mature crab (indicate when sampling in sites 2 & 4)	<u>BCS+:</u> P = Visually Positive N = Visually Negative
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2011
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 10
Collected By: RF

Vessel: 94
Leg: 2/3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	140	Cb	1	97.37	2	13.77		
B1			1	86.42	2	15.46		
C1			1	67.96	2	9.04		
D1			1	100.04	2	18.72		
E1			2	54.06	2	-		
F1			2	51.31	2	-		
G1			2	52.54	2	-		
H1			2	31.75	2	-		
A2			2	28.90	2	-		
B2			2	26.95	2	-		
C2			2	29.29	2	-		
D2	141	Cb	1	71.40	2	-		
E2			1	61.56	2	6.97		
F2				46.70	2	-		
G2				48.57	2	5.21		
H2				49.99	2	6.35		
A3				76.39	2	10.29		
B3				51.90	2	4.42		
C3				101.17	4	18.63		
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3				28.57	2	3.01		
F3			2	32.01	2	3.85		
G3			2	49.01	2	000		
H3			2	52.44	2	000		
A4			2	33.40	2	000		
B4	145	Co	2	40.52	2	000		
C4				43.13	2	000		
D4				34.46	2	000		
E4				37.48	2	000		
F4				44.29	2	000		
G4				29.17	2	000		
H4				29.99	2	000		
A5			1	75.60	2	16.35		
B5				61.39	2	13.52		
C5				62.67	2	15.77		
D5				72.23	2	16.00		
E5				62.16	3	11.85		
F5				100.76	3	22.15		
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5				80.20	2	19.36		
A6				101.09	3	24.13		
B6				81.69	3	19.98		
C6				87.05	2	22.34		
D6				99.28	2	22.99		
E6				70.92	2	16.66		
F6				64.04	2	14.43		
G6				83.89	2	21.42		
H6				76.47	2	17.32		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	145	Co	1	66.31	2	14.62		
B7				85.53	2	16.97		
C7				69.97	2	14.97		
D7				95.56	2	19.76		
E7				59.15	2	13.29		
F7				86.33	2	19.75		
G7				63.66	2	14.77		
H7				83.14	2	17.69		
A8				73.53	2	15.59		
B8				72.46	2	16.72		
C8				59.95	2	12.47		
D8				85.17	2	19.23		
E8	154	Cb	1	56.9	2	7.3		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8	154	Cb	1	93.4	3	16.1		-
H8		Cb	2	52.9	2	000		-
A9			1	95.8	3	15.6		-
B9			1	39.5	2	-		-
C9			2	32.0	2	000		-
D9			2	36.9	2	000		-
E9			1	25.3	2	-		-
F9			1	33.8	2	-		-
G9			2	23.0	2	000		-
H9			2	24.4	2	000		-
A10			1	30.9	2	-		-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			2	24.6	2	000		-
D10			1	22.8	2	-		-
E10			1	40.1	2	5.0		-
F10			2	23.9	2	000		-
G10			2	22.5	2	000		-
H10			2	24.7	2	000		-
A11			2	26.9	2	000		-
B11			2	24.5	2	000		-
C11			2	23.8	2	000		-
D11			2	27.1	2	000		-
E11			1	28.6	2	3.6		-
F11			1	23.1	2	Maohela		-
G11			1	23.6	2	2.7		-
H11			1	21.4	2	3.5		+
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12			2	22.9	2	000		-
C12			1	26.4	2	3.4		-
D12			2	23.9	2	000		-
E12			2	22.9	2	000		-
F12			2	22.0	2	000		-
G12			1	24.0	2	2.9		-
H12	154	Cb	1	22.9	2	3.0		-

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

0.1 ml Blood : E9, C11, B12, E12

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

2017
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 13 - 10/10/11
Collected By: R. FOY & J. ANDRES

Vessel: VESTERAALEN 99
Leg: 2

Keys & Comments on back

Well: Haul # Spp Sex Size Shell Bio Mat BCS+

Well: Haul # Spp Sex Size Shell Bio Mat BCS+

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	131	CB	1	87.53	2	14.92		
B1			1	61.67	2	8.80		
C1			1	70.08	2	9.91		
D1			1	99.16	3	19.74		
E1			1	89.69	3	16.27		
F1			1	94.99	3	19.65		
G1			1	98.79	3	9.40		
H1			1	67.35	2	8.32		
A2			1	67.23	3	9.98		
B2			1	64.56	2	9.41		
C2			1	55.27	2	7.02		
D2			1	52.85	2	6.08		+
E2			1	57.88	2	7.23		
F2			1	64.05	2	8.32		
G2			1	87.85	2	15.47		
H2			1	52.64	2	6.52		
A3			1	69.36	2	9.94		
B3			1	54.59	2	6.78		
C3			1	77.90	2	10.19		
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			1	72.27	2	10.34		
F3			1	57.52	2	6.93		
G3			1	82.13	2	13.83		
H3			1	61.36	2	7.98		
A4			1	59.44	2	6.25		
B4			1	48.77	2	5.87		
C4			1	53.12	2	5.71		
D4			1	41.27	2	4.30		
E4			1	51.15	2	6.40		
F4			1	52.45	2	5.92		
G4			1	54.77	2	6.58		
H4			2	51.76	2	000		
A5			2	49.37	2	000		
B5			2	51.28	2	000		
C5			2	54.67	2	000		
D5			2	41.43	2	000		
E5			2	43.03	2	000		
F5			2	42.15	2	000		+
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			2	54.03	2	000		
A6			2	53.02	2	000		
B6			2	60.79	2	000		
C6			2	58.05	2	000		
D6			2	67.78	2	000		
E6			2	54.65	2	000		
F6			2	53.51	2	000		
G6			2	49.50	2	000		
H6	131	CB	2	51.94	2	000		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	136	CO	1	78.97	2	18.54		
B7				86.99	3	17.10		
C7				73.68	2	15.70		
D7				59.50	2	7.34		
E7				62.48	2	12.89		
F7				69.41	1	15.93		
G7				49.09	2	6.13		
H7				60.08	2	13.18		
A8				74.39	3	15.75		
B8				80.52	3	18.31		
C8				72.59	3	15.44		
D8	136	CO	1	84.45	3	20.04		
E8				77.50	3	17.60		
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				45.77	4	19.65		
H8				70.01	4	14.90		
A9				68.64	3	14.33		
B9				73.40	3	16.31		
C9				71.11	3	14.61		
D9				60.41	3	11.79		
E9				86.24	3	18.53		
F9				63.77	3	13.59		
G9				64.57	3	13.92		
H9				69.79	3	15.77		
A10				82.20	3	19.18		
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10				75.44	3	14.97		
D10				72.73	3	16.26		
E10				86.09	3	19.87		
F10				59.59	2	9.66		
G10				59.12	2	14.55		
H10				64.06	2	14.92		
A11				66.37	2	14.86		
B11				55.60	2	12.01		
C11				72.15	2	16.52		
D11				74.07	2	11.13		
E11				60.41	2	NIA		
F11				86.63	3	19.80		
G11				60.08	3	13.18		
H11				84.15	3	18.72		
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12				74.83	3	16.73		
C12				80.28	3	18.32		
D12				76.49	3	17.60		
E12	136	CO	1	86.04	3	18.03		
F12	139	CO	1	55.89	3	12.14		
G12				67.24	3	14.69		
H12	139	CO	1	70.59	4	15.70		

CAL 12/14/2017

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

This dataset had incorrect plate numbers written. There were 2 plate 13 datasets, so we ran the DNA / PCR assays and compared visually positive samples to PCR + samples.

Also, when looking at Index Site stations + haul #'s, it is easy to match up the plates in order.

Therefore, plate 13RF = plate 11. This has been updated in the data base.

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

2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 12

Vessel: Vesterabou (94)

Keys & Comments on back

Collected By: V. Lowe & M. Westphal

Leg: 1 + 2



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	67	CB	1	109.2	3	22.5	✓	-
B1				110.1	3	23.9	✓	-
C1				110.8	3	21.2	✓	-
D1				109.3	3	22.2	✓	-
E1	▽	▽	▽	108.6	3	20.8	✓	-
F1	69	CB	1	104.8	3	20.5		-
G1				86.6	3	16.4		-
H1				108.8	3	23.6		-
A2				99.6	3	20.5		-
B2				107.3	3	24.0		-
C2				80.5	2	13.5		-
D2				88.1	3	15.1		-
E2				110.2	3	21.1		-
F2				106.4	3	24.1		-
G2				101.5	3	18.3		-
H2				88.9	3	17.6		-
A3				104.4	3	20.3		-
B3				101.1	3	20.8		-
C3	▽	▽	▽	113.8	3	20.9		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3	69	CB	1	105.2	3	No chel		-
F3				102.1	3	20.5		-
G3	▽	▽	▽	107.8	3	21.0		-
H3	69	CB	2	29.7	2	000		-
A4	69	CB	2	28.0	2	000		-
B4	69	CB	2	29.2	2	000		-
C4	70	CB	1	107.4	3	23.7		-
D4				112.4	3	23.3		-
E4				104.2	3	23.0		-
F4				108.6	3	24.3		-
G4				107.3	3	22.2		-
H4				103.1	3	19.7		-
A5				78.3	3	14.1		-
B5				107.9	3	18.7		-
C5				51.0	2	6.3		-
D5	▽	▽	▽	50.3	2	6.1		-
E5	80	CB	1	99.6	4	21.36		-
F5				111.9		25.41		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5				99.38		11.27		-
A6	▽	▽	▽	97.75	✓	19.92		-
B6	80	CB	1	108.87	4	19.49		-
C6	82	CB	1	114.69	3	21.22		-
D6				94.37		16.04		-
E6				111.75		23.54		-
F6				110.81		25.13		-
G6				110.34		21.81		-
H6				104.04		20.33		-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	82	CB	1	81.10	3	14.80		-
B7	126	CB	1	90.90	3	15.67		-
C7	126	CB	1	85.07	3	11.43		-
D7	126	CB	1	94.93	2	16.24		-
E7	126	CB	1	91.18	2	15.15		-
F7	126	CB	1	89.87	2	14.98		-
G7	125	CB	1	98.98	3	22.07		-
H7				103.78	3	20.97		-
A8				105.40	3	22.91		-
B8				100.31	3	17.33		-
C8				78.42	3	16.37		-
D8				82.60	3	14.99		-
E8				82.37	3	14.58		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				90.52	3	16.62		-
H8				87.38	3	16.76		-
A9				95.92	3	18.74		-
B9				93.39	3	17.41		-
C9				96.37	3	19.25		-
D9				104.83	3	23.61		-
E9				107.65	3	21.94		-
F9				93.01	3	18.54		-
G9				99.48	3	18.80		-
H9				109.58	3	21.44		-
A10				103.15	3	21.40		-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10	▽	▽	▽	108.92	3	24.77		-
D10	125	CB	1	104.31	3	21.53		-
E10	132	CB	1	102.48	3	18.44		-
F10		CB	1	105.01	2	18.60		-
G10		CB	1	91.60	3	16.66		-
H10		CB	1	93.49	3	17.28		-
A11		CB	1	87.78	2	10.92		-
B11		CB	1	62.77	3	8.12		-
C11		CB	1	46.64	2	N/A		-
D11		CB	1	41.14	2	4.83		-
E11		CB	1	42.84	2	5.43		-
F11		CB	1	30.94	2	4.12		-
G11		CB	1	30.94	2	4.12		-
H11		CB	1	79.64	2	2.68		+
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12		CB	1	27.55	2	3.80		-
C12		CB	2	77.78	2	000		-
D12	▽	CB	2	61.84	2	000		-
E12	132	CB	2	38.24	2	000		-
F12	131	CB	1	77.56	2	11.52		-
G12	131	CB	1	84.61	2	13.33		-
H12	131	CB	1	75.23	2	11.31		-

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

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

Haul 67 = F-08 ^{5m} all crab under 112 cutoff looked mature but took samples anyway, station F-9 was missed

H3 → 0.1 mL, A4 → 0.1 mL, B4 → 0.1 mL
A5 → 0.1 mL,

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

2011
2018 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 13

Vessel: 94

Keys & Comments on back

Collected By: Koy / EST

Leg: Leg 3



Well:	Haul #	Spp	Sex	Size (mm)	Shell	Bio	Mat	BCS+
A1	154	CB	F	24.2	2	0-0-0		-
B1	↑	CB	F	23.6	2	0-0-0		-
C1		CB	F	29.9	2	0-0-0		-
D1		CB	M	24.4	2	2.8		-
E1		CB	M	24.1	2	2.9		-
F1		CB	M	23.6	2	2.8		-
G1		CB	2	22.0	2	0-0-0		-
H1		CB	2	27.4	2	0-0-0		-
A2		CB	2	23.0	2	0-0-0		-
B2		CB	2	23.3	2	0-0-0		-
C2		CB	2	24.0	2	0-0-0		-
D2		CB	1	25.8	2	3.3		-
E2		CB	1	24.4	2	3.2		-
F2		CB	1	21.5	2	2.6		-
G2		CB	2	22.7	2	0-0-0		-
H2		CB	1	23.0	2	2.8		-
A3		CB	1	23.3	2	3.0		-
B3		CB	1	23.6	2	2.8		-
C3		CB	2	24.1	2	0-0-0		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3		CB	1	21.0	2	2.5		-
F3		CB	1	21.3	2	2.5		-
G3		CB	2	26.3	2	0-0-0		+
H3		CB	2	22.8	2	0-0-0		-
A4		CB	1	21.9	2	2.6		-
B4		CB	2	22.8	2	0-0-0		-
C4		CB	2	22.3	2	0-0-0		-
D4		CB	2	22.8	2	0-0-0		-
E4		CB	1	22.8	2	3.0		-
F4		CB	2	22.5	2	0-0-0		-
G4		CB	2	28.7	2	0-0-0		-
H4		CB	1	22.7	2	2.4		-
A5		CB	1	22.4	2	2.5		-
B5	✓	CB	1	22.3	2	2.8		-
C5	154	CB	1	24.1	2	2.4		-
D5	177	CO	1	64.29	2	10.44		+
E5	↑	CO	2	49.55	2	0-0-0		+
F5		CO	1	53.28	2	9.14		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5		CO	1	51.65	2	8.23		-
A6		CO	1	77.78	2	13.16		-
B6		CO	1	60.73	2	13.46		-
C6		CO	1	53.20	2	9.16		-
D6		CO	2	49.53	2	0-0-0		-
E6		CO	2	36.66	2	0-0-0		-
F6		CO	1	58.89	2	9.99		-
G6		CO	1	47.71	2	8.21		-
H6		CO	2	36.50	2	0-0-0		-

Well:	Haul #	Spp	Sex	Size (mm)	Shell	Bio	Mat	BCS+
A7	177	CO	1	55.95	2	10.61		-
B7	↑	CO	1	63.61	2	14.60		-
C7		CO	1	52.66	2	8.17		-
D7		CO	1	41.11	2	6.38		-
E7		CO	1	56.43	2	8.74		-
F7		CO	1	82.53	3	17.56		-
G7		CO	1	50.22	2	7.92		+
H7	177	CO	1	55.74	3	11.11		-
A8	179	CO	2	54.46	2	0-0-0		-
B8	↑	CO	1	42.74	2	6.74		-
C8		CO	2	48.12	2	0-0-0		-
D8		CO	2	45.58	2	0-0-0		-
E8		CO	1	49.81	2	8.31		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8		CO	2	45.00	2	0-0-0		-
H8		CO	2	41.98	2	0-0-0		-
A9		CO	2	48.34	2	0-0-0		-
B9		CO	2	45.43	2	0-0-0		-
C9		CO	1	41.38	2	6.65		-
D9		CO	1	42.19	2	6.95		-
E9		CO	2	45.12	2	0-0-0		-
F9		CO	2	44.37	2	0-0-0		-
G9		CO	1	42.02	2	6.98		-
H9		CO	2	46.37	2	0-0-0		-
A10		CO	2	54.73	2	0-0-0		-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10		CO	2	40.18	2	0-0-0		-
D10		CO	2	43.53	2	0-0-0		-
E10	✓	CO	2	44.58	2	0-0-0		-
F10	179	CO	1	39.99	2	6.51		-
G10	181	CO	2	42.73	2	0-0-0		-
H10	↑	CO	1	67.32	2	11.85		-
A11		CO	2	46.98	2	0-0-0		-
B11		CO	1	60.30	2	12.71		-
C11		CO	2	41.28	2	0-0-0		-
D11		CO	2	43.47	2	0-0-0		-
E11		CO	1	50.76	3	10.69		-
F11		CO	1	45.65	2	8.98		-
G11		CO	1	44.89	2	7.20		-
H11		CO	1	46.03	2	8.31		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12		CO	1	73.83	2	12.39		-
C12		CO	2	42.14	2	0-0-0		-
D12		CO	1	47.97	2	7.96		-
E12		CO	1	45.23	2	7.50		-
F12		CO	2	40.06	2	0-0-0		-
G12		CO	2	44.80	2	0-0-0		-
H12		CO	1	51.96	2	8.83		-

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

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

0.1 mL: A1 ✓

0.15 mL: G1 ✓

0.15 mL: A2 ✓

0.15 mL: F2 ✓

0.1 mL: H2 ✓

0.1 mL: A3 ✓

0.1 mL: B3 ✓

0.1 mL: E3 ✓

.T3 ✓

0.1 mL: A4 ✓

0.1 mL: F3 ✓

0.15 mL: J ✓

0.1 mL: I4 ✓

0.1 mL: E4 ✓

0.15 mL: F4 ✓

0.15 mL: CB ✓

0.15 mL: F6 ✓

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):

CO = *C. opilio*

CB = *C. bairdi*

(or write out

"opilio";

"bairdi")

Sex:

1 = Male

2 = Female

3 = Unknown

Size:

Carapace

Width in

mm

(tenths)

Shell Condition:

0 = Premolt/Molt

1 = Soft Shell

2 = New Shell

3 = Old Shell

4 = Very Old Shell

5 = Graveyard

Bio (Biometrics):

MALE: Chela

Height in mm

(tenths);

FEMALE: Clutch

(use standard color,

condition & fullness

codes)

Mat

(maturity):

M or V =

Mature crab

(indicate when

sampling in sites

2 & 4)

BCS+:

P = Visually

Positive

N = Visually

Negative

2017 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 14
 Collected By: PCS CSP

Vessel: #1
 Leg: 3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	195	CB	2	25.88	2	0-0-0		-
B1	1	CB	2	26.28	2	0-0-0		-
C1	1	CB	1	26.67	2	2.95		-
D1	195	CB	1	25.98	2	5.39	I	-
E1	196	CB	2	37.99	2	0-0-0	I	-
F1			2	32.10	2	0-0-0		-
G1			2	23.29	2	0-0-0		+
H1			2	31.95	2	0-0-0		-
A2			2	27.84	2	0-0-0		-
B2			2	36.77	2	0-0-0		-
C2			2	26.04	2	0-0-0		-
D2			2	28.31	2	0-0-0		-
E2			2	24.89	2	0-0-0		-
F2			2	24.01	2	0-0-0		-
G2			1	25.87	2	3.60		-
H2			1	25.33	2	2.94		-
A3			1	24.35	2	2.44		+
B3			1	33.29	2	3.67		-
C3			1	23.84	2	2.85		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			1	26.20	2	3.24		-
F3			1	21.94	2	2.44		-
G3			1	24.03	2	2.23		-
H3			1	34.81	2	4.22		-
A4	196	CB	1	30.32	2	10.41	I	-
B4	197	CB	1	46.17	2	9.96	I	-
C4	195	CB	2	26.38	2	0-0-0	I	-
D4			2	34.85	2	0-0-0		-
E4			1	25.60	2	3.01		-
F4			2	25.16	2	0-0-0		-
G4			1	22.48	2	2.30		-
H4			1	25.17	2	3.23		-
A5			2	24.35	2	0-0-0		-
B5			1	22.90	2	2.69		-
C5			1	24.19	2	2.85		-
D5			2	31.67	2	0-0-0		-
E5			2	35.49	2	0-0-0		-
F5			1	30.97	2	3.89		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			1	32.76	2	3.61		-
A6			1	25.61	2	2.70		-
B6			2	35.35	2	0-0-0		-
C6			2	25.24	2	0-0-0		-
D6			2	29.29	2	0-0-0		-
E6			2	36.43	2	4.48		-
F6	195	CB	1	25.89	2	3.12	I	-
G6	196	CB	1	34.22	2	13.57	I	-
H6			1	27.54	2	10.57	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	196	CB	1	69.98	2	9.04	I	-
B7	196	CB	1	78.25	2	10.29	I	-
C7	208	CO	2	51.25	2	4-15	M	-
D7			2	56.99	2	4-15	M	-
E7			2	43.12	2	4-15	M	-
F7			2	53.11	2	4-15	M	-
G7			2	42.15	2	4-15	M	-
H7			2	48.65	2	4-15	M	+
A8			2	72.76	2	4-15	M	+
B8			2	46.60	2	4-15	M	+
C8			2	45.10	2	4-15	M	-
D8	208		2	49.97	2	4-15	M	-
E8	208	CO	1	53.91	2	9.75	I	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			2	79.45	2	0-0-0	I	+
H8			2	46.63	2	0-0-0	I	-
A9			2	45.78	2	0-0-0	I	-
B9			1	63.27	2	11.09	I	-
C9			1	66.68	2	14.68		-
D9			1	47.11	2	7.53		-
E9			2	53.76	2	0-0-0		-
F9			1	42.12	2	6.68		-
G9			1	55.12	2	9.04		-
H9			2	43.60	2	0-0-0		-
A10			2	40.48	2	0-0-0		-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			1	47.18	2	7.10		-
D10			2	44.58	2	0-0-0		-
E10			1	39.77	2	6.64		-
F10			1	54.96	2	8.76		-
G10			2	47.85	2	0-0-0		-
H10			1	48.56	2	8.35		-
A11			2	43.52	2	0-0-0		-
B11	208	CO	2	44.86	2	0-0-0	I	-
C11	195	CB	1	37.77	2	4.58	I	-
D11			1	33.18	2	3.60		-
E11			1	34.56	2	3.99		-
F11			2	32.08	2	0-0-0		-
G11			1	33.12	2	4.22		-
H11			2	34.33	2	0-0-0		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12			1	31.75	2	3.61		-
C12			1	22.13	2	3.36		-
D12			1	24.64	2	3.04		-
E12			2	27.72	2	0-0-0		-
F12			1	24.18	2	3.01		-
G12			1	25.91	2	3.04		-
H12	195	CB	2	25.68	2	0-0-0	I	-

33.4

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

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

0.15ML: A1 ✓

0.15ML: B1 ✓

0.10ML: G1 ✓

0.15ML: C2 ✓

0.15ML: G2 ✓

0.10ML: A3 ✓

0.10ML: C3 ✓

0.15ML: E3 ✓

0.10ML: F3 ✓

0.10ML: E4 ✓

0.10ML: F4 ✓

0.10ML: G4 ✓

0.10ML: A6 ✓

0.10ML: F12 ✓

0.15ML: H12 ✓

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

2017 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 15

Vessel: 94

Keys & Comments on back

Collected By: PCJ CJP

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	181	CO	I	64.90	2	13.49	I	-
B1	↑	CO	I	49.10	2	8.75	↑	-
C1	181	CO	2	45.84	2	0-0-0		-
D1	182	CO	2	45.39	2	0-0-0		-
E1	↑	CO	I	66.96	2	12.17		-
F1		CO	2	40.86	2	0-0-0		-
G1		CO	2	45.11	2	0-0-0		-
H1		CO	2	43.82	2	7.10		-
A2		CO	2	44.16	2	0-0-0		-
B2		CO	2	43.41	2	0-0-0		-
C2		CO	2	45.36	2	0-0-0		-
D2		CO	I	38.94	2	6.13		-
E2		CO	I	44.19	2	7.44		-
F2		CO	I	45.84	2	7.25		-
G2		CO	I	41.90	2	7.21		-
H2		CO	2	51.34	2	0-0-0		-
A3		CO	2	41.69	2	0-0-0		-
B3		CO	I	46.15	2	7.41		-
C3		CO	I	44.25	2	7.24		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3		CO	I	40.97	2	6.55		-
F3		CO	I	62.79	3	12.73		-
G3	↓	CO	I	39.70	2	6.67		-
H3	182	CO	I	43.16	2	6.97		-
A4	183	CO		47.54	2	6.70		+
B4	↑		2	42.53	2	000		-
C4			I	39.63	2	6.32		-
D4			2	45.12	2	000		-
E4			I	42.91	2	6.50		-
F4			2	42.14	2	000		-
G4			I	42.34	2	5.87		-
H4			I	55.45	2	11.68		-
A5			2	43.12	2	000		-
B5			I	46.02	2	7.70		-
C5			2	46.53	2	000		-
D5			I	42.25	2	7.32		-
E5			2	42.68	2	000		-
F5			I	42.89	2	7.25		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			2	42.25	2	000		-
A6			2	44.31	2	000		-
B6			I	46.01	2	7.75		-
C6			I	40.50	2	6.94		-
D6	↓		I	44.88	2	7.11	↓	+
E6	183		I	42.15	2	6.99		-
F6	188		2	44.67	2	4.15	M	-
G6	↓		2	49.50	2	4.15	M	-
H6	188		2	43.24	2	4.15	M	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	188	CO	2	48.48	2	4.15	M	-
B7	↑	CO	2	46.77	2	4.15	M	-
C7		CO	2	52.10	2	4.15	M	-
D7		CO	2	46.75	2	4.15	M	-
E7		CO	2	50.88	2	4.15	M	-
F7	↓	CO	2	42.89	2	4.15	M	-
G7	188	CO	2	47.96	2	4.15	M	-
H7	188	CO	2	42.43	2	000	I	-
A8			I	50.83	2	8.16	I	-
B8			2	43.14	2	000	I	-
C8			I	57.71	2	11.86	I	-
D8			I	42.25	2	000	I	-
E8			2	43.95	2	000		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				44.63	2	7.87	I	-
H8			2	43.26	2	000	I	-
A9			I	47.05	2	8.09	I	-
B9			I	43.23	2	7.55		-
C9			I	46.78	2	8.03		-
D9			I	48.04	2	5.34	I	-
E9			2	42.00	2	000	I	-
F9			I	42.20	2	12.00	I	-
G9			2	46.07	2	000	I	-
H9			I	40.89	2	7.95	I	-
A10			I	42.29	2	6.71	I	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			2	40.04	2	000	I	-
D10	↓	↓	2	45.30	2	000	I	-
E10	188	CO	I	39.63	2	6.01	I	-
F10	195	CB	2	77.80	2	4.1-4	M	-
G10	↑	CB	2	91.60	2	4.1-3	M	-
H10		CB	2	24.81	2	0-0-0	I	-
A11		CB	2	26.26	2	0-0-0	↑	-
B11		CB	2	32.31	2	0-0-0		-
C11		CB	2	24.79	2	0-0-0		-
D11		CB	I	42.46	2	5.35		-
E11		CB	I	23.37	2	2.90		-
F11		CB	I	34.30	2	4.49		-
G11		CB	2	24.96	2	0-0-0		-
H11		CB	2	28.01	2	0-0-0		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12		CB	2	26.26	2	0-0-0		-
C12		CB	2	24.34	2	0-0-0		-
D12		CB	I	23.81	2	2.78		-
E12		CB	I	23.62	2	2.65		-
F12		CB	I	24.44	2	2.86		-
G12	↓	CB	2	24.54	2	0-0-0	↓	-
H12	195	CB	2	23.93	2	0-0-0	I	-

11/20/17 10:00 AM

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

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

F9- 0.15ml claw

0.15 ml : H10

0.15 ml : C11

0.15 ml : E17

0.15 ml : H12

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): CO = <i>C. opilio</i> CB = <i>C. bairdi</i> (or write out "opilio"; "bairdi")	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width in mm (tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	Mat (maturity): M or V = Mature crab (indicate when sampling in sites 1 & 4)	BCS+: P = Visually Positive N = Visually Negative
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2017 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 17
 Collected By: PLJ CJP

Vessel: 94
 Leg: 3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	195	CB	2	26.72	2	0-0-0		-
B1			1	26.13	2	3.17		-
C1			1	25.58	2	2.97		-
D1			2	24.83	2	0-0-0		-
E1			2	24.80	2	0-0-0		-
F1			2	35.69	2	0-0-0		-
G1			1	40.09	2	5.08		-
H1			2	36.30	2	0-0-0		-
A2			1	37.08	2	4.83		-
B2			2	27.92	2	0-0-0		-
C2			2	26.33	2	0-0-0		-
D2			1	24.60	2	3.06		-
E2			1	26.78	2	3.37		-
F2			1	25.22	2	3.25		-
G2			1	24.44	2	2.82		-
H2			2	24.99	2	0-0-0		-
A3			2	25.69	2	0-0-0		-
B3			1	24.72	2	3.16		-
C3			1	25.18	2	3.02		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			1	24.36	2	3.04		-
F3			2	24.86	2	0-0-0		-
G3			1	25.17	2	2.97		-
H3			2	26.31	2	0-0-0		-
A4			2	25.26	2	0-0-0		-
B4			2	24.12	2	0-0-0		-
C4			1	24.85	2	2.96		-
D4			2	34.26	2	0-0-0		-
E4			1	25.90	2	2.56		-
F4			2	24.07	2	0-0-0		-
G4			2	26.95	2	0-0-0		-
H4			2	25.46	2	0-0-0		-
A5			1	26.92	2	3.34		-
B5			2	24.80	2	0-0-0		-
C5			2	24.99	2	0-0-0		-
D5			1	26.51	2	3.26		-
E5			2	26.54	2	0-0-0		-
F5			1	26.91	2	3.29		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			1	25.27	2	2.95		-
A6			1	25.54	2	3.09		-
B6			2	26.17	2	0-0-0		-
C6			1	25.90	2	3.08		-
D6			2	25.92	2	0-0-0		-
E6			1	23.04	2	2.82		-
F6			1	25.15	2	3.06		-
G6			2	24.02	2	0-0-0		-
H6	195	CB	1	24.43	2	2.98	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	195	CB	1	25.42	2	3.06	I	-
B7			2	25.28	2	0-0-0		-
C7			1	23.70	2	2.03		-
D7			2	25.15	2	0-0-0		-
E7			2	24.40	2	0-0-0		-
F7			2	25.07	2	0-0-0		-
G7			1	32.10	2	4.01		-
H7			2	31.81	2	4.21		-
A8			1	25.57	2	3.08		-
B8			1	30.34	2	4.00		-
C8			2	26.52	2	0-0-0		-
D8			1	26.56	2	3.28		-
E8			2	27.03	2	0-0-0		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			2	25.47	2	0-0-0		-
H8			2	25.05	2	0-0-0		-
A9			2	27.17	2	0-0-0		-
B9			2	26.16	2	0-0-0		-
C9			2	27.40	2	0-0-0		-
D9			1	24.84	2	2.85		-
E9			2	25.88	2	0-0-0		-
F9			2	27.72	2	0-0-0		-
G9			1	25.33	2	2.95		-
H9	195	CB	1	25.45	2	2.97	I	-
A10	211	CO	2	41.30	2	4-1-6	M	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			1	49.62	2	4-1-6		-
D10				50.08	2	4-1-5		-
E10				53.32	2	4-1-6		-
F10				53.46	2	4-1-6		-
G10				47.35	2	4-1-6		-
H10				43.05	2	4-1-5		-
A11				48.46	2	4-1-5		-
B11				42.66	2	4-1-6		-
C11	211	CO	2	44.70	2	4-1-5	M	-
D11	209	CO	2	40.62	2	4-1-5	M	-
E11				53.75	2	4-1-6		-
F11				52.03	2	4-1-6		-
G11				51.23	2	4-1-5		-
H11				48.85	2	4-1-5		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12				50.35	2	4-1-6		-
C12				50.02	2	4-1-5		-
D12				50.62	2	4-1-6		-
E12				48.73	2	4-1-6		-
F12	209	CO	2	46.10	2	4-1-5	M	-
G12	209	CO	1	54.82	2	9.68	I	-
H12	209	CO	2	40.22	2	0-0-0		-

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

0.15ML: E1 ✓

0.15ML: D2 ✓

0.10ML: E2 ✓

0.10ML: F2 ✓

0.10ML: G2 ✓

0.10ML: C3 ✓

0.15ML: E3 ✓

0.15ML: B4 ✓

0.15ML: C4 ✓

0.10ML: A5 ✓

0.15ML: C5 ✓

0.10ML: D5 ✓

0.15ML: B6 ✓

0.15ML: E6 ✓

0.10ML: A7 ✓

0.10ML: F7 ✓

0.10ML: C9 ✓

0.15ML: F9

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

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

0.15ml: H5

0.15ml: E7

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:

<p>Spp (species): CO = <i>C. opilio</i> CB = <i>C. bairdi</i> (or write out "opilio"; "bairdi")</p>	<p>Sex: 1 = Male 2 = Female 3 = Unknown</p>	<p>Size: Carapace Width in mm (tenths)</p>	<p>Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard</p>	<p>Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)</p>	<p>Mat (maturity): M or V = Mature crab (indicate when sampling in sites 1 & 4)</p>	<p>BCS+: P = Visually Positive N = Visually Negative</p>
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2017 EBS *Chionoecetes* Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 14
 Collected By: PCS CSP

Vessel: 91
 Leg: 2

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	195	CB	2	25.88	2	0-0-0	I	-
B1	195	CB	2	26.78	2	0-0-0	I	-
C1	195	CB	1	26.67	2	2.95	V	-
D1	195	CB	1	25.98	2	5.39	I	-
E1	196	CB	2	37.99	2	0-0-0	I	-
F1	196	CB	2	32.10	2	0-0-0	I	-
G1			2	23.29	2	0-0-0	I	+
H1			2	31.95	2	0-0-0	I	-
A2			2	27.87	2	0-0-0	I	-
B2			2	36.74	2	0-0-0	I	-
C2			2	26.04	2	0-0-0	I	-
D2			2	28.31	2	0-0-0	I	-
E2			2	24.89	2	0-0-0	I	-
F2			2	24.01	2	0-0-0	I	-
G2			1	25.87	2	3.60	I	-
H2			1	25.33	2	2.94	I	-
A3			1	24.35	2	2.44	I	+
B3			1	33.79	2	3.67	I	-
C3			1	23.84	2	2.85	I	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			1	26.20	2	3.24	I	-
F3			1	21.94	2	2.44	I	-
G3			1	24.03	2	2.23	I	-
H3			1	34.81	2	4.22	I	-
A4	196	CB	1	40.32	2	10.41	I	-
B4	197	CB	1	46.17	2	9.96	I	-
C4	195	CB	2	26.38	2	0-0-0	I	-
D4	195	CB	2	34.85	2	0-0-0	I	-
E4			1	25.60	2	3.01	I	-
F4			2	25.16	2	0-0-0	I	-
G4			1	22.48	2	2.30	I	-
H4			1	25.17	2	3.23	I	-
A5			2	24.35	2	0-0-0	I	-
B5			1	22.90	2	2.69	I	-
C5			1	24.17	2	2.85	I	-
D5			2	31.67	2	0-0-0	I	-
E5			2	35.49	2	0-0-0	I	-
F5			2	30.97	2	3.89	I	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			1	32.76	2	3.61	I	-
A6			1	25.12	2	2.70	I	-
B6			2	25.35	2	0-0-0	I	-
C6			2	25.24	2	0-0-0	I	-
D6			2	27.29	2	0-0-0	I	-
E6			1	36.43	2	4.43	I	-
F6	195	CB	2	25.89	2	3.12	I	-
G6	196	CB	1	34.22	2	1.75	I	-
H6			1	27.11	2	0.5	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	196	CB	1	69.98	2	9.04	I	-
B7	196	CB	1	18.25	2	10.29	I	-
C7	208	CO	2	56.25	2	4.15	M	-
D7	208	CO	2	35.77	2	4.15	M	-
E7			2	43.12	2	4.15	M	-
F7			2	53.11	2	4.15	M	-
G7			2	46.15	2	4.15	M	-
H7			2	48.65	2	4.15	M	-
A8			2	72.76	2	4.15	M	-
B8			2	46.60	2	4.15	M	-
C8			2	44.10	2	4.15	M	-
D8	208	CO	2	49.97	2	4.15	M	-
E8	208	CO	1	58.91	2	9.75	I	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			2	49.45	2	0.00	I	+
H8			2	46.63	2	0.00	I	-
A9			2	115.78	2	0-0-0	I	-
B9			1	63.27	2	11.09	I	-
C9			1	66.68	2	14.68	I	-
D9			1	47.11	2	7.53	I	-
E9			2	53.76	2	0-0-0	I	-
F9			1	42.12	2	6.68	I	-
G9			1	55.12	2	9.04	I	-
H9			2	43.60	2	0-0-0	I	-
A10			2	40.48	2	0-0-0	I	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			1	47.18	2	7.10	I	-
D10			2	44.58	2	0-0-0	I	-
E10			1	39.77	2	6.64	I	-
F10			1	54.96	2	8.76	I	-
G10			2	47.85	2	0-0-0	I	-
H10			1	48.56	2	8.35	I	-
A11			2	43.52	2	0-0-0	I	-
B11	208	CO	2	44.86	2	0-0-0	I	-
C11	195	CB	1	37.77	2	4.58	I	-
D11			1	33.18	2	3.60	I	-
E11			1	34.56	2	3.99	I	-
F11			2	32.08	2	0-0-0	I	-
G11			1	33.12	2	4.22	I	-
H11			2	34.33	2	0-0-0	I	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12			1	31.75	2	3.61	I	-
C12			1	27.13	2	3.36	I	-
D12			1	24.64	2	3.04	I	-
E12			2	27.72	2	0-0-0	I	-
F12			1	24.18	2	3.01	I	-
G12			1	25.91	2	3.04	I	-
H12	195	CR	2	25.68	2	0-0-0	I	-

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

2017 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 17
 Collected By: PCJ CJP

Vessel: 94
 Leg: 3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	195	CB	2	26.72	2	0-0-0	I	-
B1	▲	▲	1	26.13	2	3.17	▲	-
C1			1	25.58	2	2.97		-
D1			2	24.83	2	0-0-0		-
E1			2	24.80	2	0-0-0		-
F1			2	35.69	2	0-0-0		-
G1			1	40.09	2	5.08		-
H1			2	36.30	2	0-0-0		-
A2			1	37.08	2	4.83		-
B2			2	27.92	2	0-0-0		-
C2			2	26.33	2	0-0-0		-
D2			1	24.60	2	3.06		-
E2			1	26.78	2	3.37		-
F2			1	25.22	2	3.25		-
G2			1	24.44	2	2.82		-
H2			2	24.99	2	0-0-0		-
A3			2	25.69	2	0-0-0		-
B3			1	24.72	2	3.16		-
C3			1	25.68	2	3.02		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3			1	24.36	2	3.04		-
F3			2	24.86	2	0-0-0		-
G3			1	25.17	2	2.97		-
H3			2	26.31	2	0-0-0		-
A4			2	25.26	2	0-0-0		-
B4			2	24.12	2	0-0-0		-
C4			1	24.85	2	2.96		-
D4			2	34.26	2	0-0-0		-
E4			1	25.90	2	2.56		-
F4			2	24.07	2	0-0-0		-
G4			2	26.95	2	0-0-0		-
H4			2	25.46	2	0-0-0		-
A5			1	26.92	2	3.34		-
B5			2	24.80	2	0-0-0		-
C5			2	24.99	2	0-0-0		-
D5			1	26.51	2	3.26		-
E5			2	26.54	2	0-0-0		-
F5			1	26.91	2	3.29		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			1	25.27	2	2.95		-
A6			1	25.54	2	3.09		-
B6			2	26.17	2	0-0-0		-
C6			1	25.90	2	3.08		-
D6			2	25.92	2	0-0-0		-
E6			1	23.04	2	2.82		-
F6			1	25.15	2	3.06		-
G6	▼	▼	2	24.02	2	0-0-0	▼	-
H6	195	CB	1	24.73	2	2.98	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	195	CB	1	25.42	2	3.06	I	-
B7	▲	▲	2	25.28	2	0-0-0	▲	-
C7			1	23.70	2	2.03		-
D7			2	25.15	2	0-0-0		-
E7			2	24.40	2	0-0-0		-
F7			2	25.07	2	0-0-0		-
G7			1	32.10	2	4.01		-
H7			2	31.81	2	4.21		-
A8			1	25.57	2	3.08		-
B8			1	30.34	2	4.00		-
C8			2	26.52	2	0-0-0		-
D8			1	26.56	2	3.28		-
E8			2	27.03	2	0-0-0		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			2	25.47	2	0-0-0		-
H8			2	25.05	2	0-0-0		-
A9			2	27.17	2	0-0-0		-
B9			2	26.16	2	0-0-0		-
C9			2	27.40	2	0-0-0		-
D9			1	24.84	2	2.85		-
E9			2	25.88	2	0-0-0		-
F9			2	27.72	2	0-0-0		-
G9	▼	▼	1	25.33	2	2.95	▼	-
H9	195	CB	1	25.45	2	2.97	I	-
A10	211	CO	2	41.30	2	4-1-6	M	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			1	49.62	2	4-1-6	▲	-
D10				50.08	2	4-1-5		-
E10				55.32	2	4-1-6		-
F10				53.41	2	4-1-6		-
G10				47.35	2	4-1-6		-
H10				43.05	2	4-1-5		-
A11				48.46	2	4-1-5		-
B11	▼	▼	▼	42.66	2	4-1-6	▼	-
C11	211	CO	2	44.70	2	4-1-5	M	-
D11	209	CO	2	40.62	2	4-1-5	M	-
E11	▲	▲	▲	53.75	2	4-1-6	▲	-
F11				52.03	2	4-1-6		-
G11				51.23	2	4-1-5		-
H11				48.85	2	4-1-5		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12				50.35	2	4-1-6		-
C12				50.02	2	4-1-5		-
D12				50.62	2	4-1-6		-
E12	▼	▼	▼	48.73	2	4-1-6	▼	-
F12	209	CO	2	46.10	2	4-1-5	M	-
G12	209	CO	1	54.82	2	9.68	I	-
H12	209	CO	2	40.22	2	0-0-0		-

Column 1
 Column 2
 Column 3
 Column 4
 Column 5
 Column 6

Column 7
 Column 8
 Column 9
 Column 10
 Column 11
 Column 12

2017
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 13

Vessel: 94

Keys & Comments on
back

Collected By: Kog / JTB

Leg: Leg 3



Well:	Haul #	Spp	Sex	Size ^(mm)	Shell	Bio	Mat	BCS+
A 1	154	CB	F	24.2	2	0-0-0		-
B 1	↑	CB	F	23.6	2	0-0-0		-
C 1		CB	F	29.9	2	0-0-0		-
D 1		CB	M	24.4	2	2.8		-
E 1		CB	M	24.1	2	2.9		-
F 1		CB	M	23.6	2	2.8		-
G 1		CB	?	22.0	2	0-0-0		-
H 1		CB	?	27.4	2	0-0-0		-
A 2		CB	?	23.0	2	0-0-0		-
B 2		CB	?	23.3	2	0-0-0		-
C 2		CB	?	24.0	2	0-0-0		-
D 2		CB	?	25.8	2	3.3		-
E 2		CB	?	24.4	2	3.2		-
F 2		CB	?	21.5	2	2.6		-
G 2		CB	?	22.7	2	0-0-0		-
H 2		CB	?	23.0	2	2.8		-
A 3		CB	?	23.3	2	3.0		-
B 3		CB	?	23.6	2	2.8		-
C 3		CB	?	24.1	2	0-0-0		-
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3		CB	?	21.0	2	2.5		-
F 3		CB	?	21.3	2	2.5		-
G 3		CB	?	26.3	2	0-0-0		+
H 3		CB	?	22.8	2	0-0-0		-
A 4		CB	?	21.9	2	2.6		-
B 4		CB	?	22.8	2	0-0-0		-
C 4		CB	?	22.3	2	0-0-0		-
D 4		CB	?	22.8	2	0-0-0		-
E 4		CB	?	22.8	2	3.0		-
F 4		CB	?	22.5	2	0-0-0		-
G 4		CB	?	28.7	2	0-0-0		-
H 4		CB	?	22.7	2	2.4		-
A 5		CB	?	22.4	2	2.5		-
B 5	✓	CB	?	22.3	2	2.8		-
C 5	154	CB	?	24.1	2	2.4		-
D 5	177	CO	?	64.29	2	10.44		+
E 5	↑	CO	?	49.55	2	0-0-0		+
F 5		CO	?	53.28	2	9.14		-
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5		CO	?	51.65	2	8.25		-
A 6		CO	?	77.78	2	13.16		-
B 6		CO	?	60.73	2	13.46		-
C 6		CO	?	53.20	2	9.16		-
D 6		CO	?	49.53	2	0-0-0		-
E 6		CO	?	36.66	2	0-0-0		-
F 6		CO	?	58.84	2	9.99		-
G 6		CO	?	47.71	2	8.21		-
H 6		CO	?	36.50	2	0-0-0		-

Well:	Haul #	Spp	Sex	Size ^(mm)	Shell	Bio	Mat	BCS+
A 7	177	CO	?	55.95	2	10.61		-
B 7	↑	CO	?	63.61	2	14.60		-
C 7		CO	?	52.66	2	8.17		-
D 7		CO	?	41.11	2	6.38		-
E 7		CO	?	56.43	2	8.34		-
F 7		CO	?	82.53	3	17.56		-
G 7		CO	?	50.22	2	7.92		+
H 7	177	CO	?	55.74	3	11.11		-
A 8	179	CO	?	54.46	2	0-0-0		-
B 8	↑	CO	?	42.74	2	6.74		-
C 8		CO	?	48.12	2	0-0-0		-
D 8		CO	?	45.58	2	0-0-0		-
E 8		CO	?	49.81	2	8.31		-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8		CO	?	45.00	2	0-0-0		-
H 8		CO	?	41.98	2	0-0-0		-
A 9		CO	?	48.34	2	0-0-0		-
B 9		CO	?	45.43	2	0-0-0		-
C 9		CO	?	41.38	2	6.65		-
D 9		CO	?	42.19	2	6.95		-
E 9		CO	?	45.12	2	0-0-0		-
F 9		CO	?	44.37	2	0-0-0		-
G 9		CO	?	42.02	2	6.98		-
H 9		CO	?	46.37	2	0-0-0		-
A 10		CO	?	54.73	2	0-0-0		-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10		CO	?	40.18	2	0-0-0		-
D 10		CO	?	43.53	2	0-0-0		-
E 10	✓	CO	?	44.58	2	0-0-0		-
F 10	179	CO	?	39.99	2	6.51		-
G 10	181	CO	?	42.73	2	0-0-0		-
H 10	↑	CO	?	67.37	2	11.85		-
A 11		CO	?	46.98	2	0-0-0		-
B 11		CO	?	60.30	2	12.71		-
C 11		CO	?	41.28	2	0-0-0		+
D 11		CO	?	43.47	2	0-0-0		-
E 11		CO	?	50.76	3	10.69		-
F 11		CO	?	45.65	2	8.98		-
G 11		CO	?	44.89	2	7.20		-
H 11		CO	?	46.03	2	8.31		-
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12		CO	?	73.83	2	12.39		-
C 12		CO	?	42.74	2	0-0-0		-
D 12		CO	?	47.97	2	7.96		-
E 12		CO	?	45.23	2	7.50		-
F 12		CO	?	40.06	2	0-0-0		-
G 12		CO	?	44.80	2	0-0-0		-
H 12		CO	?	51.96	2	8.83		-

2017 EBS *Chionoecetes* Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 15

Vessel: 94

Keys & Comments on back

Collected By: PLJ CJP

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	181	CO	1	64.90	2	13.49	I	-
B1	↑	CO	1	49.10	2	8.75	↑	-
C1	181	CO	2	45.84	2	0-0-0		-
D1	182	CO	2	45.39	2	0-0-0		-
E1	↑	CO	1	66.96	2	12.19		-
F1		CO	2	40.86	2	0-0-0		-
G1		CO	2	45.11	2	0-0-0		-
H1		CO	1	43.82	2	7.10		-
A2		CO	2	44.16	2	0-0-0		-
B2		CO	2	43.41	2	0-0-0		-
C2		CO	2	45.36	2	0-0-0		-
D2		CO	1	38.94	2	6.13		-
E2		CO	1	44.19	2	7.44		-
F2		CO	1	45.84	2	7.25		-
G2		CO	1	41.90	2	7.21		-
H2		CO	2	51.34	2	11.60		-
A3		CO	2	41.69	2	0-0-0		-
B3		CO	1	46.15	2	7.41		-
C3		CO	1	44.25	2	7.24		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3		CO	1	40.97	2	6.55		-
F3		CO	1	62.79	3	12.73		-
G3	↓	CO	1	39.70	2	6.62		-
H3	182	CO	2	43.16	2	6.97		-
A4	183	CO	1	47.54	2	6.70		-
B4	↑		2	42.53	2	000		-
C4			1	39.63	2	6.32		-
D4			2	45.12	2	000		-
E4			1	42.91	2	6.50		-
F4			2	42.14	2	000		-
G4			1	42.34	2	5.87		-
H4			1	55.25	2	11.68		-
A5			2	43.12	2	000		-
B5			1	46.02	2	7.70		-
C5			2	46.53	2	000		-
D5			1	42.25	2	7.32		-
E5			2	42.68	2	000		-
F5			1	42.09	2	7.25		-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5			2	42.25	2	000		-
A6			2	44.31	2	000		-
B6			1	46.01	2	7.75		-
C6			1	40.80	2	6.94		-
D6	↓		1	44.88	2	7.11	↓	T
E6	183		1	42.15	2	6.99	I	-
F6	188		2	44.67	2	4.15	M	-
G6	↓		2	44.53	2	4.15	M	-
H6	188		2	43.24	2	4.15	M	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	188	CO	2	48.41	2	4.15	M	-
B7	↑	CO	2	46.72	2	4.15	M	-
C7		CO	2	52.10	2	4-1-6	M	-
D7		CO	2	46.75	2	4-1-6	M	-
E7		CO	2	50.88	2	4-1-6	M	-
F7		CO	2	42.89	2	4-1-6	M	-
G7	188	CO	2	47.96	2	4-1-6	M	-
H7	188	CO	2	46.43	2	000	I	-
A8			1	50.88	2	8.16	F	-
B8			2	43.04	2	000	I	-
C8			1	57.71	2	11.86	E	-
D8			1	42.25	2	000	I	-
E8			2	43.95	2	000		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8			1	48.63	2	7.87	I	-
H8			2	43.26	2	000	I	-
A9			1	47.65	2	8.09		-
B9			1	43.23	2	7.54		-
C9			1	46.78	2	8.03		-
D9			1	45.06	2	5.34	I	-
E9			2	42	2	000	I	-
F9			1	42.2	2	2.40	I	-
G9			2	46.57	2	000	I	-
H9			1	42.89	2	7.95	I	-
A10			1	41.59	2	6.71	I	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10			2	43.47	2	000	I	-
D10	↓	↓	2	45.30	2	000	I	-
E10	CO	CO	1	37.63	2	6.01	I	-
F10	195	CB	2	77.80	2	4-1-4	M	-
G10	↑	CB	2	91.60	2	4-1-3	M	-
H10		CB	2	24.81	2	0-0-0	I	-
A11		CB	2	26.26	2	0-0-0	↑	-
B11		CB	2	32.31	2	0-0-0		-
C11		CB	2	24.79	2	0-0-0		-
D11		CB	1	42.46	2	5.35		-
E11		CB	1	23.37	2	2.90		-
F11		CB	1	34.30	2	4.49		-
G11		CB	2	24.90	2	0-0-0		-
H11		CB	2	28.01	2	0-0-0		-
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12		CB	2	26.26	2	0-0-0		-
C12		CB	2	24.34	2	0-0-0		-
D12		CB	1	23.81	2	2.78		-
E12		CB	1	23.62	2	2.65		-
F12		CB	1	24.44	2	2.86		-
G12	↓	CB	2	24.54	2	0-0-0	↓	-
H12	195	CB	2	23.93	2	0-0-0	I	-

Nov 195 300.40

Column 1
Column 2
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2017
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 10
Collected By: RE

Vessel: 94
Leg: 2/3

Keys & Comments on
back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	140	Cb	1	97.37	2	13.77		
B 1			1	86.42	2	15.46		
C 1			1	67.96	2	9.04		
D 1			1	100.04	2	18.72		
E 1			2	54.06	2	-		
F 1			2	51.81	2	-		
G 1			2	52.54	2	-		
H 1			2	31.75	2	-		
A 2			2	28.90	2	-		
B 2			2	26.95	2	-		
C 2			2	29.29	2	-		
D 2	141	Cb	1	71.40	2	-		
E 2				61.56	2	6.97		
F 2				46.70	2	-		
G 2				48.57	2	5.21		
H 2				49.99	2	6.35		
A 3				76.39	2	10.29		
B 3				51.90	2	4.42		
C 3				101.17	4	18.63		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				28.57	2	3.01		
F 3			2	32.01	2	3.85		
G 3			2	49.01	2	000		
H 3			2	52.44	2	000		
A 4	145	Co	2	40.52	2	000		
B 4				43.13	2	000		
C 4				34.46	2	000		
D 4				37.48	2	000		
E 4				44.29	2	000		
F 4				29.17	2	000		
G 4				29.99	2	000		
H 4			1	75.60	2	16.35		
A 5				61.39	2	13.52		
B 5				68.67	2	15.77		
C 5				72.23	2	16.00		
D 5				62.16	3	11.85		
E 5				100.76	3	27.15		
F 5								
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				80.20	2	19.36		
A 6				101.09	3	24.13		
B 6				81.69	3	19.88		
C 6				87.05	2	22.34		
D 6				91.28	2	22.99		
E 6				70.92	2	16.66		
F 6				64.04	2	14.43		
G 6				85.49	2	21.42		
H 6				76.47	2	17.32		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	145	Co	1	66.31	2	14.62		
B 7				85.53	2	16.97		
C 7				69.97	2	14.97		
D 7				95.56	2	19.76		
E 7				59.15	2	13.29		
F 7				86.33	2	19.75		
G 7				63.66	2	14.77		
H 7				83.14	2	17.69		
A 8				73.53	2	15.59		
B 8				72.46	2	16.72		
C 8				59.95	2	12.47		
D 8				85.17	2	19.23		
E 8	154	Cb	1	56.9	2	7.3		-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8	154	Cb	1	93.4	3	16.1		-
H 8		Cb	2	52.9	2	000		-
A 9			1	98.8	3	15.6		-
B 9			1	39.5	2	-		-
C 9			2	32.0	2	000		-
D 9			2	36.9	2	000		-
E 9			1	25.3	2	-		-
F 9			1	33.8	2	-		-
G 9			2	23.0	2	000		-
H 9			2	24.4	2	000		-
A 10			1	30.9	2	-		-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			2	24.6	2	000		-
D 10			1	22.8	2	-		-
E 10			1	40.1	2	5.0		-
F 10			2	23.9	2	000		-
G 10			2	22.5	2	000		-
H 10			2	24.7	2	000		-
A 11			2	26.9	2	000		-
B 11			2	24.5	2	000		-
C 11			2	23.9	2	000		-
D 11			2	27.1	2	000		-
E 11			1	29.6	2	3.6		-
F 11			1	23.1	2	Machela		-
G 11			1	23.6	2	2.7		-
H 11			1	21.4	2	3.5		+
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			2	22.9	2	000		-
C 12			1	26.4	2	3.4		-
D 12			2	23.9	2	000		-
E 12			2	22.9	2	000		-
F 12			2	22.0	2	000		-
G 12	154	Cb	1	24.0	2	2.8		-
H 12	154	Cb	1	22.8	2	3.0		-

2017
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 12

Vessel: Vesterabou (94)

Keys & Comments on back

Collected By: V. Lowe & M. Westphal

Leg: 1 + 2



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A1	67	CB	1	109.2	3	22.5	✓	-
B1				110.1	3	23.9	✓	-
C1				110.8	3	21.2	✓	-
D1				109.3	3	22.2	✓	-
E1	▽	▽	▽	108.6	3	20.8	✓	-
F1	69	CB	1	104.8	3	20.5		-
G1				86.6	3	16.4		-
H1				108.8	3	23.6		-
A2				99.6	3	20.5		-
B2				107.3	3	24.0		-
C2				80.5	2	13.5		-
D2				88.1	3	15.1		-
E2				110.2	3	21.1		-
F2				106.4	3	24.1		-
G2				101.5	3	18.3		-
H2				88.9	3	17.6		-
A3				104.7	3	20.3		-
B3				101.1	3	20.8		-
C3	▽	▽	▽	113.8	3	20.9		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3	69	CB	1	105.2	3	No Clot		-
F3				102.1	3	20.5		-
G3	▽	▽	▽	107.8	3	21.0		-
H3	69	CB	2	29.7	2	000		-
A4	69	CB	2	28.0	2	000		-
B4	69	CB	2	29.2	2	000		-
C4	70	CB	1	107.4	3	23.7		-
D4				112.4	3	23.3		-
E4				109.2	3	23.0		-
F4				108.6	3	24.3		-
G4				107.3	3	22.2		-
H4				103.1	3	19.7		-
A5				78.3	3	14.1		-
B5				107.9	3	18.7		-
C5				51.0	2	6.3		-
D5	▽	▽	▽	50.3	2	6.1		-
E5	80	CB	1	99.6	4	23.6		-
F5				11.9				-
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5				99.38		11.07		-
A6	▽	▽	▽	47.75		19.92		-
B6	80	CB	1	108.87	4	19.49		-
C6	80	CB	1	111.89	3	21.0		-
D6				94.37		16.04		-
E6				111.75		23.29		-
F6				110.81		25.13		-
G6				110.54		21.81		-
H6				104.04		20.33		-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A7	82	CB	1	86.10	3	14.86		-
B7	126	CB	1	90.90	3	15.67		-
C7	126	CB	1	85.07	2	11.43		-
D7	126	CB	1	94.93	2	16.24		-
E7	126	CB	1	91.18	2	15.15		-
F7	126	CB	1	89.87	2	14.98		-
G7	125	CB	1	98.98	3	22.07		-
H7				103.78	3	20.97		-
A8				105.40	3	22.91		-
B8				100.31	3	17.33		-
C8				78.42	3	16.37		-
D8				82.60	3	14.99		-
E8				82.37	3	14.58		-
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
G8				90.52	3	16.62		-
H8				87.38	3	16.76		-
A9				95.92	3	18.74		-
B9				93.39	3	17.41		-
C9				96.37	3	19.25		-
D9				104.83	3	23.61		-
E9				107.65	3	21.94		-
F9				93.01	3	18.54		-
G9				99.48	3	18.80		-
H9				109.58	3	21.44		-
A10				103.15	3	21.40		-
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10	✓	✓	✓	108.92	3	24.77		-
D10	125	CB	1	104.31	3	21.53		-
E10	132	CB	1	102.48	3	19.44		-
F10		CB	1	105.01	2	18.60		-
G10		CB	1	91.60	3	16.66		-
H10		CB	1	93.49	3	17.28		-
A11		CB	1	87.78	2	10.92		-
B11		CB	1	62.77	3	8.12		-
C11		CB	1	46.64	2	NA		-
D11		CB	1	41.14	2	4.83		-
E11		CB	1	42.84	2	5.43		-
F11		CB	1	30.94	2	4.12		-
G11		CB	1	30.94	2	4.12		-
H11		CB	1	29.64	2	2.68		+
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12		CB	1	27.55	2	3.80		-
C12		CB	2	77.48	2	000		-
D12	✓	CB	2	66.84	2	000		-
E12	132	CB	2	38.24	2	000		-
F12	131	CB	1	77.56	2	11.52		-
G12	131	CB	1	84.61	2	13.33		-
H12	131	CB	1	75.73	2	11.31		-

2017
2016 EBS Chionoecetes Index Site Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 13

Vessel: VESTERAALEN 94

Keys & Comments on back

Collected By: R. FOY & J. ANDRES

Leg: 2



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	131	CB	1	87.93	2	14.92		
B 1			1	61.67	2	8.80		
C 1			1	70.08	2	9.91		
D 1			1	99.16	3	19.74		
E 1			1	89.69	3	16.27		
F 1			1	94.99	3	19.65		
G 1			1	98.79	3	9.40		
H 1			1	67.35	2	8.32		
A 2			1	67.23	3	9.98		
B 2			1	64.56	2	9.41		
C 2			1	55.27	2	7.02		
D 2			1	52.85	2	6.08		+
E 2			1	57.88	2	7.23		
F 2			1	64.05	2	8.32		
G 2			1	87.85	2	15.47		
H 2			1	57.64	2	6.52		
A 3			1	69.36	2	9.94		
B 3			1	54.59	2	6.78		
C 3			1	77.50	2	10.19		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			1	72.27	2	10.34		
F 3			1	57.52	2	6.93		
G 3			1	82.13	2	13.83		
H 3			1	61.36	2	7.98		
A 4			1	59.44	2	6.25		
B 4			1	48.77	2	5.87		
C 4			1	53.12	2	5.71		
D 4			1	41.27	2	4.50		
E 4			1	51.15	2	6.40		
F 4			1	52.45	2	5.92		
G 4			1	57.77	2	6.58		
H 4			2	51.76	2	000		
A 5			2	44.37	2	000		
B 5			2	51.28	2	000		
C 5			2	57.67	2	000		
D 5			2	41.43	2	000		
E 5			2	43.03	2	000		
F 5			2	42.15	2	000		+
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	54.03	2	000		
A 6			2	53.02	2	000		
B 6			2	60.79	2	000		
C 6			2	58.05	2	000		
D 6			2	67.78	2	000		
E 6			2	58.05	2	000		
F 6			2	53.57	2	000		
G 6			2	49.50	2	000		
H 6	131	CB	2	51.94	2	000		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	136	CO	1	78.97	2	19.54		
B 7			1	86.99	3	17.10		
C 7			1	73.68	2	15.70		
D 7			1	59.90	2	7.34		
E 7			1	62.48	2	12.89		
F 7			1	68.41	1	15.93		
G 7			1	49.09	2	6.13		
H 7			1	60.08	2	13.18		
A 8			1	74.39	3	15.75		
B 8			1	90.52	3	18.31		
C 8			1	72.59	3	15.44		
D 8	136	CO	1	84.45	3	20.04		
E 8			1	77.50	3	17.60		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			1	85.77	4	19.65		
H 8			1	70.01	4	14.90		
A 9			1	68.64	3	14.33		
B 9			1	73.40	3	16.31		
C 9			1	71.41	3	14.61		
D 9			1	60.41	3	11.79		
E 9			1	86.24	3	18.53		
F 9			1	63.77	3	13.59		
G 9			1	64.57	3	13.52		
H 9			1	69.79	3	15.77		
A 10			1	82.20	3	19.18		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			1	75.44	3	14.87		
D 10			1	72.73	3	16.26		
E 10			1	86.09	3	19.87		
F 10			1	59.59	2	9.66		
G 10			1	69.12	2	14.55		
H 10			1	64.06	2	14.92		
A 11			1	66.37	2	14.86		
B 11			1	55.60	2	12.01		
C 11			1	72.15	2	16.52		
D 11			1	74.07	2	11.13		
E 11			1	60.41	2	N/A		
F 11			1	86.63	3	19.80		
G 11			1	60.08	3	13.18		
H 11			1	84.15	3	18.72		
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			1	74.83	3	16.73		
C 12			1	80.28	3	18.32		
D 12			1	76.49	3	17.60		
E 12	136	CO	1	86.04	3	18.03		
F 12	139	CO	1	55.89	3	12.14		
G 12			1	67.24	3	14.69		
H 12	139	CO	1	70.59	4	15.70		