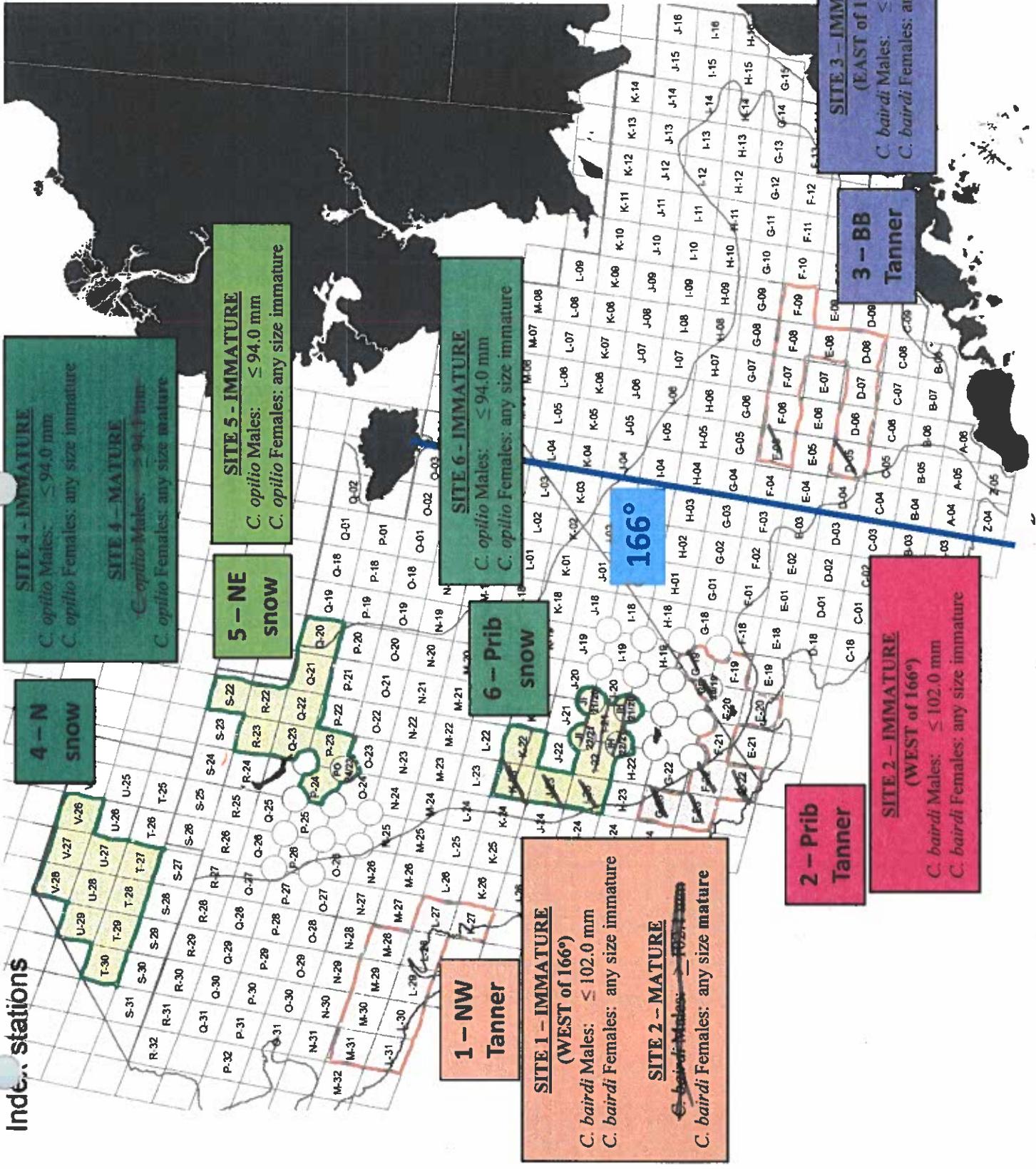
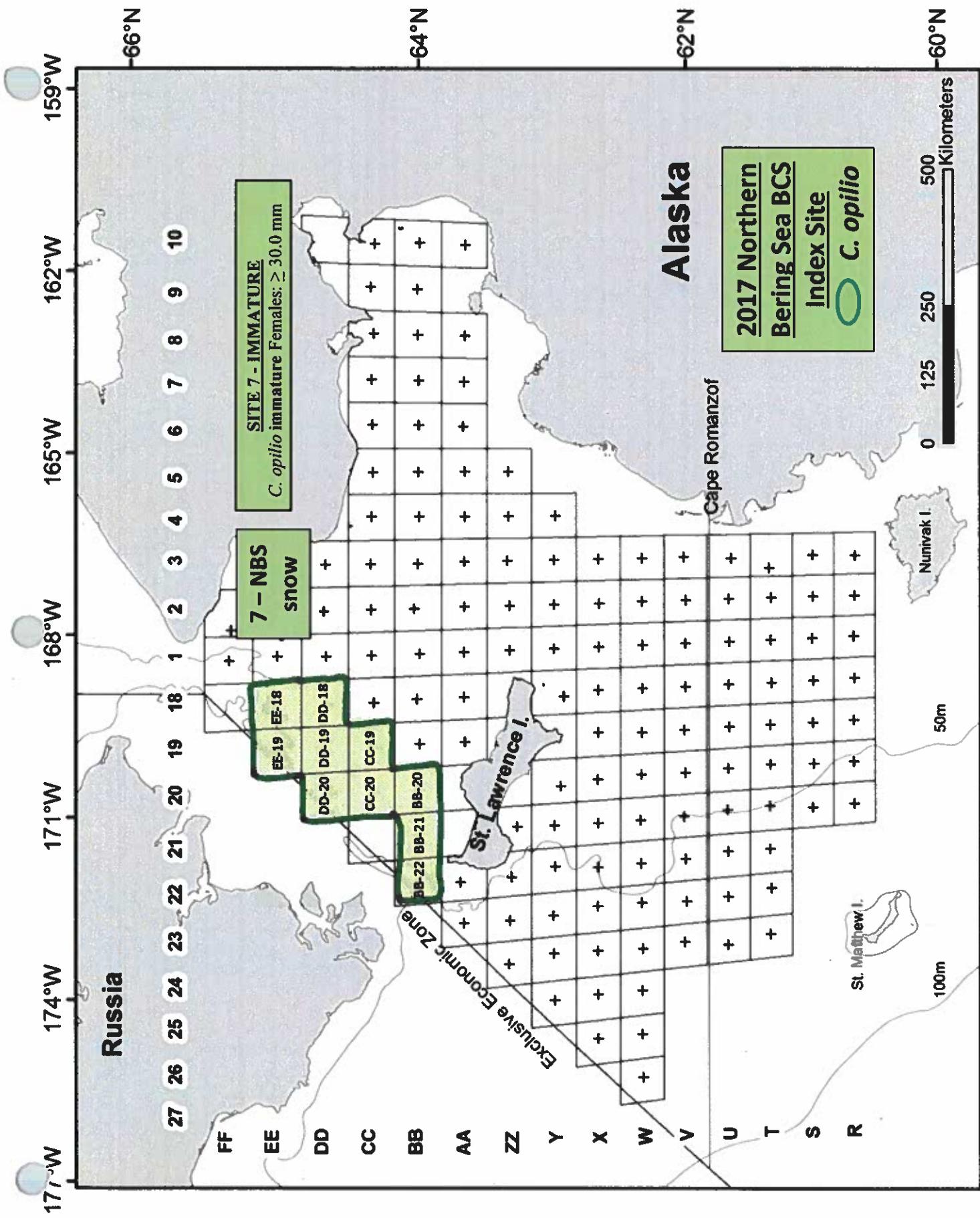


Index stations2017 BCSIndex Sites

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



9AM 225



9 AM 28/V



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

Plate Number:

50

Vessel:

142

Keys &amp; Comments on

back

Collected By:

PFT

Leg:

50-01

Column 1  
Column 2  
Column 3  
Column 4  
Column 5  
Column 6  
Column 7  
Column 8  
Column 9  
Column 10  
Column 11  
Column 12

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	19	CB	2	30.3	2	000	I	-
B 1	19	CB	2	30.2	2	000	I	-
C 1	20	CB	2	24.0	2	000	I	-
D 1	25	CB	1	27.9	2	12.3	I	-
E 1			1	107.8	3	22.8	I	-
F 1			1	113.4	3	24.4	I	-
G 1			1	99.5	3	18.0	I	-
H 1			1	109.7	3	Wachs	I	-
A 2	3		1	104.2	3	22.1	I	-
B 2	( )		1	97.1	3	16.1	I	-
C 2	25	CB	1	27.7	3	12.6	I	-
D 2	27	CB	1	105.2	3	24.7	I	-
E 2	78	CO	1	70.02	2	14.21	I	-
F 2	78	CO	1	61.14	2	12.82	I	-
G 2	78	CO	1	67.39	2	13.94	I	-
H 2	78	CO	1	74.67	2	16.21	I	-
A 3	78	CO	1	79.33	3	18.27	I	-
B 3	80	CO	1	66.46	2	14.35	I	-
C 3	80	CO	1	59.54	3	12.03	I	-
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	80	CO	1	56.64	3	10.43	I	-
F 3		CO	1	57.59	2	11.36	I	-
G 3			1	53.25	3	13.30	I	-
H 3			1	60.76	2	12.33	I	-
A 4	+	CO	1	72.44	3	14.84	I	-
B 4	84	CO	1	90.61	3	19.60	I	-
C 4	84	CO	1	85.72	3	14.97	I	-
D 4	84	CO	1	60.25	4	11.20	I	-
E 4	84	CO	1	68.42	3	12.70	I	-
F 4	84	CO	1	67.52	3	15.14	I	-
G 4	84	CO	1	59.63	3	13.81	I	-
H 4	84	CO	1	65.57	2	14.02	I	-
A 5	84	CO	1	72.71	3	15.72	I	-
B 5	84	CO	1	73.35	3	15.39	I	-
C 5	85	CO	1	84.19	2	20.61	I	-
D 5	85	CO	1	84.11	3	19.40	I	-
E 5	85	CO	1	65.03	2	12.13	I	-
F 5	85	CO	1	89.97	3	22.94	I	-
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	85	CO	1	78.11	3	18.10	I	-
A 6	85	CO	1	86.25	3	21.13	I	-
B 6	85	CO	1	63.99	3	13.13	I	-
C 6	85	CO	1	65.74	2	14.81	I	-
D 6	85	CO	1	81.01	4	19.57	I	-
E 6	85	CO	1	73.69	3	16.20	I	-
F 6	85	CO	1	67.38	3	14.66	I	-
G 6	85	CO	1	79.64	3	17.74	I	-
H 6	86	CO	1	81.43	3	18.66	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	86	CO	1	82.13	2	18.27	I	-
B 7	X6	CO	1	71.17	3	15.17	I	-
C 7	86	CO	1	68.10	3	14.27	I	-
D 7	86	CO	1	70.51	3	17.89	I	-
E 7	86	CO	1	71.24	4	16.55	I	-
F 7	56	CO	1	73.30	4	15.09	I	-
G 7	56	CO	1	44.40	3	18.48	I	-
H 7	57	CO	1	73.22	3	20.56	I	-
A 8	91	CO	1	95.08	3	22.55	I	-
B 8	91	CO	1	76.87	3	17.21	I	-
C 8	91	CO	1	75.45	2	16.60	I	-
D 8	91	CO	1	75.38	4	17.35	I	-
E 8	101	CO	2	47.75	2	5.00	T	-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			2	49.26	1	0.00	I	-
H 8			2	36.75	1	0.0	I	-
A 9			2	41.06	1	000	I	-
B 9			2	54.73	1	0.0	I	-
C 9			2	42.61	1	000	I	-
D 9			2	47.75	1	000	I	-
E 9			2	41.93	1	000	I	-
F 9			1	46.02	1	7.62	I	-
G 9			2	40.16	1	000	I	-
H 9			2	46.97	1	000	I	-
A 10			1	41.01	1	6.50	I	-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			2	34.34	1	000	I	-
D 10			1	31.17	1	0.0	I	-
E 10			2	42.06	1	000	I	-
F 10			2	42.73	1	000	I	-
G 10			1	44.43	1	6.68	I	-
H 10			1	32.36	1	4.71	I	-
A 11			2	42.34	1	000	I	-
B 11			2	41.11	1	000	I	-
C 11	110	CB	1	95.19	3	17.71		
D 11				95.68		17.97		
E 11				97.67		22.13		
F 11				101.18		-		
G 11				99.17		20.20		
H 11				96.31		15.54		
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	110	CB	1	96.63	3	17.83		
C 12	111	CB	1	98.04	4	17.17		
D 12				80.40		12.70		
E 12				96.08		17.60		
F 12				101.87		19.65		
G 12				98.82		17.81		
H 12	111	CB	2	64.74		000		

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

.1 ml blood: C1

.1 ml blood F3

1 drop: B2

C12 - 1 ml

F12 - 1 ml

H-12 1 ml

Feb 19-2011 India Shetna - 04/2011

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 Width in mm	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)	(maturity): M or V = Mature crab (indicate when sampling in sites 2 & 4)	P = Visually Positive N = Visually Negative
CB = C. bairdi	2 = Female					
(or write out "opilio"; "bairdi")	3 = Unknown	mm (tenths)				

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

Plate Number: 51Vessel: 162Keys & Comments on  
back Collected By: DR/ABLeg: 3

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	137	C o	1	54.20	2	8.14		
B 1			1	46.81		6.19		
C 1			2	41.21		000		
D 1				39.65				
E 1				41.93				
F 1				53.56				
G 1				42.34				
H 1				44.84				
A 2				44.18				
B 2				41.96				
C 2				38.81				
D 2				49.02				
E 2	✓		✓	45.16	✓	✓		
F 2	137		2	45.68	2	000		
G 2	138		1	42.42	2	7.10		
H 2				48.74		9.97		
A 3				49.37		8.01		
B 3				53.68		10.41		
C 3				53.11		10.23		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				54.83		11.22		
F 3				46.71		7.64		
G 3				52.85		8.82		
H 3				44.66		8.18		
A 4				44.76		7.24		
B 4				47.06		7.68		
C 4			✓	39.13		7.18		
D 4			1	44.87		6.91		
E 4			2	43.55		000		
F 4				43.72				
G 4				48.38				
H 4				44.19				
A 5				48.73				
B 5				43.85				
C 5				45.35				
D 5				43.01				
E 5				44.05				
F 5				43.65				
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	✓	✓	✓	43.99	✓	✓		
A 6	137	C o	2	48.94	2	000		
B 6	151	C b	1	95.35	3	16.43		
C 6				96.14		14.16		
D 6				101.45		18.24		
E 6				98.88	✓	18.34		
F 6				101.03	3	18.94		
G 6	✓	✓	✓	76.87	2	19.42		
H 6	151	C b	1	65.96	2	9.49		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	151	C b	1	56.47	2	6.72		
B 7				41.43		15.41		
C 7				55.53	V	6.60		
D 7				44.16	2	5.76		
E 7				66.17	4	41.3		
F 7				70.07	1	41.6		
G 7				85.95		41.5		
H 7				75.24		41.6		
A 8				78.18		41.6		
B 8				79.30		41.3		
C 8				74.76		41.6		
D 8				73.63		41.6		
E 8				86.71		41.5		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				82.22		41.6		
H 8				79.15		41.2		
A 9				74.77		41.6		
B 9				87.40		41.6		
C 9				83.66		9.12		
D 9				69.62		41.5		
E 9				78.02		41.6		
F 9				88.46		41.6		
G 9				77.68		41.3		
H 9				87.95		41.2		
A 10				70.32		41.5		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10				88.54		41.2		
D 10				89.05		41.6		
E 10				74.41		41.6		
F 10				83.13		41.3		
G 10				72.42		41.5		
H 10				73.77		41.3		
A 11				75.15		41.6		
B 11				72.66		41.6		
C 11				72.20		41.6		
D 11				70.66		41.3		
E 11				77.07		41.5		
F 11				74.08		41.3		
G 11				69.26	V	41.6		
H 11				62.11	4	001		
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				70.32	3	41.6		
C 12				82.43	)	41.6		
D 12				80.42	)	41.6		
E 12				73.47	)	41.6		
F 12				85.31	V	41.6		
G 12	✓	✓	✓	78.54	3	41.6		
H 12	151	C b	2	92.51	2	41.6		

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):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio	1 = Male	Carapace Width in mm	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)	(maturity): M or V = Mature crab (indicate when sampling in sites 2 & 4)	P = Visually Positive N = Visually Negative
CB = C. bairdii (or write out "opilio"; "bairdi")	2 = Female 3 = Unknown	(tenths)				

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

Plate Number: 52

Vessel: 162

Collected By: DB/AB

Leg: 3

Keys &amp; Comments on back

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	112	Cb	1	100.48	3	20.41		
B 1				81.70	4	13.84		
C 1				100.71	1	20.80		
D 1				70.15	✓	18.30		
E 1				91.18	4	—		
F 1				82.47	2	—		
G 1				79.85	1	10.44		
H 1			2	62.80	1	0.00		
A 2	112	Cb	2	58.88	✓	0.00		
B 2	119	Cb	2	42.91	2	0.00		
C 2			2	47.36	1	0.00		
D 2			1	33.55		3.86		
E 2			2	50.75		0.00		
F 2				34.40				
G 2				40.35				
H 2				40.90				
A 3				32.61				
B 3				29.18				
C 3				31.93				
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			2	27.90		0.00		
F 3			1	34.12		4.18	+	
G 3				48.60		5.48		
H 3				34.28		3.58		
A 4				24.90		3.07		
B 4				26.93		3.37		
C 4				26.11		3.06		
D 4				25.18		3.06		
E 4	119		1	24.02		3.24		
F 4	119		2	25.67		0.00		
G 4	120		1	94.59	✓	12.98		
H 4			1	38.69	2	4.71		
A 5				95.25	3	15.70		
B 5				98.73	3	16.70		
C 5				41.32	2	5.03		
D 5				33.04		3.95		
E 5				36.50		3.48		
F 5				31.24		4.2		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				95.5		4.83		
A 6			1	33.71		3.77		
B 6			2	46.00		0.00		
C 6				36.77				
D 6				39.07				
E 6				34.30				
F 6				35.07				
G 6			✓	33.22	✓	✓		
H 6	120	Cb	2	34.05	2	0.00		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	120	Ch	2	35.44	2	0.00		
B 7	120	Ch	2	34.71	2	0.00		
C 7	120	Ch	2	33.14	2	0.00		
D 7	134	Co	2	33.42	2	0.00		
E 7			1	59.98	1	—		
F 7				52.64				
G 7				52.48				
H 7				48.23				
A 8				56.50				
B 8				46.86				
C 8				48.34				
D 8				50.66	✓	✓		
E 8			2	50.29	2	0.00		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			1	61.91	3	12.68		
H 8				68.16	1	15.17		
A 9				58.76		12.56		
B 9				66.17		16.10		
C 9				72.49		15.63		
D 9				59.54		11.13		
E 9				65.69		14.68		
F 9				60.22		13.47		
G 9				63.09		14.35		
H 9				60.42	✓	10.84		
A 10	134		1	55.58	3	13.89		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	136			60.49	2	12.26		
D 10				53.74		11.30		
E 10				51.60		8.35		
F 10				49.52		9.19		
G 10				48.71		8.61		
H 10				57.17		10.81		
A 11				53.95		9.40		
B 11				60.64		12.40		
C 11				48.77		8.91		
D 11	136			49.31		8.38		
E 11	137			55.81		11.59		
F 11				48.84		8.16		
G 11				60.66		11.23		
H 11				63.27		10.55		
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				47.61		7.68		
C 12				57.03		9.93		
D 12				55.35		7.91		
E 12				57.06		10.71		
F 12				57.61		8.82		
G 12			✓	54.87	✓	11.87		
H 12	137	Co	1	53.93	2	1.99		

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 ✓ D8 - 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 = C. opilio	1 = Male	Carapace	0 = Premolt/Molt	MALE: Chela	M or ✓ =	P = Visually Positive
CB = C. bairdi	2 = Female	Width in mm (tenths)	1 = Soft Shell	Height in mm (tenths);	Mature crab (indicate when sampling in sites 1 & 4)	N = Visually Negative
(or write out "opilio"; "bairdi")	3 = Unknown		2 = New Shell	FEMALE: Clutch (use standard color, condition & fullness codes)		
			3 = Old Shell			
			4 = Very Old Shell			
			5 = Graveyard			

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

Plate Number: 53Vessel: 162Keys & Comments on  
backCollected By: AB/DRLeg: 3

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	151	Cb	2	81.05	2	416		
B 1				68.90		416		
C 1				79.22		416		
D 1				80.74		416		
E 1				68.05		416		
F 1				44.92		000		
G 1				53.84				
H 1				49.00				
A 2				47.60				
B 2				44.01				
C 2	✓	✓	✓	29.59	V		+	
D 2	151	Cb	2	31.22		000		
E 2	167	Cb	2	71.47		000		
F 2				67.19				
G 2				73.36				
H 2				65.29			+	
A 3				68.89				
B 3				60.76				
C 3				66.78				
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				74.59		+		
F 3				61.25				
G 3				60.44		+		
H 3				62.35				
A 4				70.98		+		
B 4				59.24		+		
C 4				62.70				
D 4				64.78				
E 4				66.36				
F 4				77.84		+		
G 4				71.39		+		
H 4				67.17	V	+		
A 5			2	59.93		000		
B 5			1	61.85		10.58		
C 5			1	80.91		15.87		
D 5			1	65.67		11.57		
E 5			1	72.38		10.85	+	
F 5			1	66.14		12.18		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				59.10		9.05		
A 6				65.75		11.44		
B 6	✓			66.51		11.38		
C 6	✓		✓	69.65		12.47	+	
D 6	167		1	59.19	V	9.83		
E 6	168		2	49.71		2415		
F 6	1		1	54.64	4	416		
G 6	1	✓	✓	51.89	3	001		
H 6	168	Cb	2	48.63	3	416		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	168	Cb	2	44.69	3	416		
B 7				45.37	4	416		
C 7				43.99	4	416		
D 7				51.36	3	416		
E 7				45.28	3	416		
F 7				44.63	4	414		
G 7				48.53	4	416		
H 7				49.84	4	416		
A 8				45.64	4	416		
B 8			2	46.34	4	416		
C 8			1	60.85	2	12.44		
D 8				56.73	3	11.42		
E 8				76.34	2	13.90		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				81.31	2	14.94		
H 8				71.29	2	17.25		
A 9				75.95	4	16.89		
B 9				90.03	3	20.48		
C 9				85.56	3	19.23		
D 9	✓			V	V	21.79		
E 9	168		1	55.33	3	10.48		
F 9	169		2	54.86	2	415		
G 9			1	50.99	3	415		
H 9				59.16	2	415		
A 10				56.15	2	415		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10				47.33	2	414		
D 10				51.19	2	415		
E 10				50.12	2	415		
F 10				46.16	2	415		
G 10				57.74	2	415		
H 10				40.96	3	001		
A 11				60.45	2	000		
B 11				46.20				
C 11				47.98				
D 11				54.49				
E 11				50.20				
F 11				47.43				
G 11				51.50				
H 11				50.39				
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				V	47.39	V		
C 12			2	47.47		000		
D 12			1	63.37		11.14		
E 12				76.03		15.97		
F 12				72.32		13.48		
G 12	V	V	V	59.68	V	10.76		
H 12	169	Cb	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: 54Vessel: 162Keys & Comments on  
backCollected By: AB/DBLeg: 3+4

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	169	C0	1	55.57	2	9.23		
B 1	)	)	)	58.53		14.88		
C 1	)	)	)	70.44		13.05		
D 1	↓			53.07		8.76		
E 1	169			51.18		8.02		
F 1	170			66.53		11.80		
G 1	)			55.45		9.01		
H 1	)			59.50		10.00		
A 2				61.82		10.61		
B 2				53.17		9.54		
C 2				56.48		11.42		
D 2				50.35		—		
E 2				51.30		8.87		
F 2			↓	62.39		13.82		
G 2	)		)	60.74		—		
H 2	2			50.65		0.00		
A 3				50.08				
B 3				55.80				
C 3				49.92				
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				43.29				
F 3				48.75				
G 3				46.56				
H 3				44.99				
A 4				46.91	↓			
B 4				44.26		0.00		
C 4				62.33		415		
D 4				48.96		415		
E 4				45.97		414		
F 4				52.34		414		
G 4				49.40		414		
H 4				49.81		414		
A 5				45.44		414		
B 5	)			47.62		414		
C 5	↓	↓	↓	47.05	↓	415		
D 5	170	C0	2	48.81	R	0.01		
E 5	48	C0	2	35.09	R	0.00		
F 5				49.57				
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				39.47				
A 6				41.18				
B 6				43.29				
C 6				37.51				
D 6				49.71				
E 6				41.67				
F 6				44.61				+
G 6				43.14				
H 6				38.05				

Column 1

Column 2

Column 3

Column 4

NBS

Column 5

Column 6

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	47	C0	2	50.86	2	0.00		
B 7	)	)	)	48.90				
C 7	)	)	)	42.43				
D 7	)	)	)	47.68				
E 7	)	)	)	44.26				
F 7	)	)	)	47.77				
G 7	)	)	)	48.20				
H 7	)	)	)	36.99				
A 8	)	)	)	44.81				
B 8	↓	↓	↓	41.78	↓	↓		
C 8	51	C0	2	29.12	2	0.00		
D 8	)	T	)	45.46				
E 8	)	)	)	37.68				
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8	)	)	)	32.37				
H 8	)	)	)	35.60				
A 9	)	)	)	33.61				
B 9	)	)	)	31.48				
C 9	)	)	)	32.95				
D 9	)	)	)	32.10				
E 9	↓	↓	↓	33.25	↓	↓		
F 9	50	C0	2	47.99	2	0.00		
G 9	)	)	)	31.14			+	
H 9	)	)	)	30.64			+	
A 10	)	)	)	33.84			+	
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	)	)	)	34.80				
D 10	)	)	)	32.72			+	
E 10	)	)	)	38.49			+	
F 10	)	)	)	56.98				
G 10	)	)	)	49.22				
H 10	)	)	)	37.74			+	
A 11	52	C0	2	42.97	2	0.00		
B 11	)	)	)	32.19				
C 11	)	)	)	31.92			+	
D 11	)	)	)	35.18			+	
E 11	)	)	)	33.45				
F 11	)	)	)	30.60				
G 11	)	)	)	44.44				
H 11	)	)	)	40.18				
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	50	C0	2	33.12	2	0.00	+	
C 12	50	C0	2	34.83	2	0.00	+	
D 12	54	C0	2	37.41	2	0.00		
E 12	↓	↓	↓	32.41	↓	↓		
F 12	53	C0	2	38.99	2	0.00	+	
G 12	↓	↓	↓	34.10	↓	↓		
H 12	↓	↓	↓	34.57	↓	↓	+	

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)

FZ - 1 ml

\_\_\_\_\_  
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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	Mature crab	Positive
(or write out "opilio"; "bairdi")	3 = Unknown	mm (tenths)	2 = New Shell	(tenths);	(indicate when sampling in sites 2 & 4)	N = Visually Negative
			3 = Old Shell	FEMALE: Clutch		
			4 = Very Old Shell	(use standard color, condition & fullness codes)		
			5 = Graveyard			



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

E4 was either 34 or 32... - I'm pretty sure I sampled the smaller  
F4 - Visibly bitter taste

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 Width in mm	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 2 & 4)	P = Visually Positive N = Visually Negative
CB = C. bairdi (or write out "opilio"; "bairdi")	2 = Female 3 = Unknown	mm (tenths)				

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

Plate Number: 10

Vessel: 94

Collected By: RF

Leg: 2/3

Keys &amp; 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	51.31	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			1	61.56	2	6.97		
F 2			1	46.70	2	-		
G 2			1	48.57	2	5.21		
H 2			1	49.99	2	6.35		
A 3			1	76.39	2	10.29		
B 3			1	51.90	2	4.42		
C 3			1	101.17	4	18.63		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			1	28.57	2	3.01		
F 3			1	32.01	2	3.85		
G 3			1	49.01	2	0.00		
H 3			1	52.44	2	0.00		
A 4	↓	↓	↓	33.40	2	0.00		
B 4	145	Cb	2	40.52	2	0.00		
C 4			1	43.13	2	0.00		
D 4			1	34.46	2	0.00		
E 4			1	37.48	2	0.00		
F 4			1	44.29	2	0.00		
G 4			1	29.17	2	0.00		
H 4			1	29.99	2	0.00		
A 5			1	75.60	2	16.35		
B 5			1	61.39	2	13.52		
C 5			1	68.67	2	15.77		
D 5			1	72.23	2	16.00		
E 5			1	62.16	3	11.85		
F 5			1	100.76	3	22.15		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			1	80.20	2	19.36		
A 6			1	101.09	3	24.13		
B 6			1	81.69	3	19.48		
C 6			1	87.05	2	22.34		
D 6			1	99.28	2	22.79		
E 6			1	70.92	2	16.66		
F 6			1	64.04	2	14.93		
G 6			1	85.99	2	21.42		
H 6	↓	↓	↓	76.47	2	17.32		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	145	60	1	66.31	2	14.62		
B 7			1	85.53	2	16.97		
C 7			1	69.97	2	14.57		
D 7			1	95.56	2	19.76		
E 7			1	59.15	2	13.29		
F 7			1	86.33	2	19.75		
G 7			1	63.66	2	14.77		
H 7			1	83.19	2	17.69		
A 8			1	73.53	2	15.59		
B 8			1	72.46	2	16.72		
C 8			1	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	0.00		
A 9			1	88.8	3	15.6		
B 9			1	39.5	2	-		
C 9	↓	↓	2	32.0	2	0.00		
D 9			2	31.9	2	0.00		
E 9			1	25.3	2	-		
F 9			1	33.8	2	-		
G 9			2	23.0	2	0.00		
H 9			2	24.4	2	0.00		
A 10			1	30.9	2	-		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	*	↓	2	24.6	2	0.00		
D 10			1	22.8	2	-		
E 10			1	40.1	2	5.0		
F 10			2	23.9	2	0.00		
G 10			2	22.5	2	0.00		
H 10			2	24.7	2	0.00		
A 11	↓	↓	2	26.9	2	0.00		
B 11			2	24.5	2	0.00		
C 11			2	23.8	2	0.00		
D 11			2	27.1	2	0.00		
E 11			1	28.6	2	3.6		
F 11			1	23.1	2	Macrolaela		
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	0.00		
C 12			1	26.4	2	3.4		
D 12			2	23.9	2	0.00		
E 12			2	22.9	2	0.00		
F 12			2	22.0	2	0.00		
G 12	↓	↓	1	24.0	2	3.8		
H 12	154	Cb	1	22.9	2	3.0		

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

O.I.M / 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:

Spp (species):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio	1 = Male	Carapace Width in mm	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 2 & 4)	P = Visually Positive N = Visually Negative
CB = C. bairdi	2 = Female					
(or write out "opilio"; "bairdi")	3 = Unknown	(tenths)				

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

Plate Number: 13 ~~Brickell~~  
Collected By: R. FOY & J. ANDRES

Vessel: VESTERAALEN 94

Leg: 2

Keys & Comments on back

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	131	CB	1	87.53	2	14.92		
B 1			1	61.67	2	8.80		
C 1			1	70.09	2	9.91		
D 1			1	99.16	3	18.74		
E 1			1	81.64	3	16.27		
F 1			1	94.19	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	52.95	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	52.64	2	6.52		
A 3			1	69.36	2	9.94		
B 3				54.59	2	6.78		
C 3			1	77.90	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	7.48		
A 4			1	59.44	2	6.25		
B 4			1	48.73	2	5.87		
C 4			1	53.12	2	5.71		
D 4			1	41.27	2	4.30		
E 4			1	51.15	2	6.40		
F 4			1	52.45	2	5.92		
G 4			1	51.77	2	6.58		
H 4			2	51.76	2	0.00		
A 5			2	49.37	2	0.00		
B 5			2	51.28	2	0.00		
C 5			2	54.67	2	0.00		
D 5			2	41.43	2	0.00		
E 5			2	43.03	2	0.00		
F 5			2	42.15	2	0.00	+	
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	54.63	2	0.00		
A 6			2	53.02	2	0.00		
B 6			2	60.79	2	0.00		
C 6			2	58.05	2	0.00		
D 6			2	67.78	2	0.00		
E 6			2	51.65	2	0.00		
F 6			2	53.51	2	0.00		
G 6			2	49.50	2	0.00		
H 6	131	CB	2	51.94	?	0.00		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	136	CO	1	78.97	2	18.54		
B 7			1	86.99	3	17.10		
C 7				73.68	2	15.70		
D 7				59.90	2	7.34		
E 7				62.48	2	12.89		
F 7				61.41	1	15.93		
G 7				49.01	2	6.13		
H 7				60.08	2	13.18		
A 8				74.39	3	15.75		
B 8				80.52	3	18.31		
C 8				72.54	3	15.44		
D 8	136	CO	1	84.45	3	20.04		
E 8				77.50	3	17.66		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				45.77	4	19.65		
H 8				70.01	4	14.90		
A 9				69.64	3	14.33		
B 9				73.40	3	16.31		
C 9				71.11	3	14.61		
D 9				60.41	3	11.79		
E 9				86.24	3	18.53		
F 9				63.77	3	13.59		
G 9				64.57	3	13.42		
H 9				69.71	3	15.73		
A 10				82.20	3	19.18		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10				75.44	3	14.93		
D 10				72.73	3	16.26		
E 10				86.09	3	11.87		
F 10				59.59	2	9.66		
G 10				69.12	2	14.55		
H 10				61.06	2	14.92		
A 11				66.37	2	14.86		
B 11				55.60	2	12.01		
C 11				72.15	2	16.52		
D 11				74.07	2	11.13		
E 11				60.41	2	N/A		
F 11				86.63	3	19.88		
G 11				60.08	3	13.18		
H 11				84.15	3	18.72		
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				74.83	3	16.73		
C 12				80.28	3	18.32		
D 12				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				67.24	3	14.69		
H 12	139	CO	1	70.53	4	15.70		

CAL 12/14/2017

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

This datasheet had incorrect plate number written  
There were 2 plati 13 datasheets, so we ran  
the DNAx / PCR assays and compared  
visually positive samples to PCR + samples.

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

Therefore, plate 13 RF = plati 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:

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

## 2016 EBS Chionoecetes Index Site Hemolymph Collections Kodiak / Pathobiology

Plate Number:

12

Vessel:

Vesteraabu (94)

Keys & Comments on  
back

Collected By: V. Lowe &amp; M. Westphal

Leg: 1 + 2

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	
A 1	67	CB	1	109.2	3	225	V	-							A 7	82	CB	1	81.0	3	14.80
B 1				110.1	3	23.9	V	-							B 7	126	CB	1	90.90	3	15.67
C 1				110.8	3	21.2	V	-							C 7	126	CB	1	85.07	3	11.43
D 1				109.3	3	22.2	V	-							D 7	126	CB	1	94.93	2	16.34
E 1	▼	▼	▼	108.6	3	20.8	V	-							E 7	126	CB	1	91.18	2	15.15
F 1	69	CB	1	104.8	3	20.5		-							F 7	126	CB	1	89.87	2	14.98
G 1				86.6	3	16.4		-							G 7	125	CB	1	98.98	3	22.07
H 1				108.8	3	23.6		-							H 7			103.78	3	20.97	
A 2				99.6	3	20.5		-							A 8			105.40	3	22.91	
B 2				107.3	3	24.0		-							B 8			100.31	3	17.33	
C 2				80.5	2	13.5		-							C 8			78.42	3	16.37	
D 2				88.1	3	15.1		-							D 8			82.60	3	14.99	
E 2				110.2	3	21.1		-							E 8			82.37	3	14.58	
F 2				106.4	3	24.1		-							F 8			DO NOT TAKE SAMPLE - CONTROL WELL			
G 2				101.5	3	18.3		-							G 8			90.52	3	16.62	
H 2				88.9	3	17.6		-							H 8			87.38	3	16.76	
A 3				104.9	3	20.3		-							A 9			95.92	3	18.74	
B 3				101.1	3	20.8		-							B 9			93.39	3	17.41	
C 3	▼	▼	▼	113.8	3	20.9		-							C 9			96.37	3	19.25	
D 3				DO NOT TAKE SAMPLE - CONTROL WELL											A 10			104.83	3	23.61	
E 3	69	CB	1	105.2	3	No shell		-							E 9			107.65	3	21.94	
F 3				102.1	3	20.5		-							F 9			93.01	3	18.54	
G 3	▼	▼	▼	107.8	3	21.0		-							G 9			99.48	3	18.80	
H 3	69	CB	2	29.7	2	000		-							H 9			109.58	3	21.44	
A 4	69	CB	2	28.0	2	000		-							A 10			103.15	3	21.40	
B 4	69	CB	2	29.2	2	000		-							B 10			DO NOT TAKE SAMPLE - CONTROL WELL			
C 4	70	CB	1	107.4	3	23.7		-							C 10	▼	▼	108.92	3	24.77	
D 4				112.4	3	23.3		-							D 10	125	CB	1	104.31	3	21.53
E 4				104.2	3	23.0		-							E 10	132	CB	1	102.43	3	18.44
F 4				108.6	3	24.3		-							F 10	CB	1	105.01	2	18.60	
G 4				107.3	3	22.2		-							G 10	CB	1	91.60	3	16.66	
H 4				103.1	3	19.7		-							H 10	CB	1	93.49	3	17.28	
A 5				78.3	3	14.1		-							A 11	CB	1	87.78	2	10.92	
B 5				107.9	3	18.7		-							B 11	CB	1	62.77	3	8.12	
C 5				51.0	2	6.3		-							C 11	CB	1	46.64	2	N/A	
D 5	▼	▼	▼	50.3	2	6.1		-							D 11	CB	1	41.14	2	4.83	
E 5	50	CB	1	99.6	4	21.36		-							E 11	CB	1	42.84	2	5.43	
F 5				111.9	1	25.41		-							F 11	CB	1	30.94	2	4.12	
G 5				DO NOT TAKE SAMPLE - CONTROL WELL											G 11	CB	1	30.94	2	4.12	
H 5				99.38	1	11.27		-							H 11	CB	1	79.64	2	2.68	
A 6	▼	▼	▼	97.75	1	19.92		-							A 12			DO NOT TAKE SAMPLE - CONTROL WELL			
B 6	50	CB	1	108.97	4	19.49		-							B 12	CB	1	27.55	2	3.80	
C 6	82	CB	1	114.69	3	21.77		-							C 12	CB	2	77.75	2	0.00	
D 6				94.37	1	16.04		-							D 12	▼	CB	2	61.84	2	0.00
E 6				111.75		25.54		-							E 12	132	CB	2	38.24	2	0.00
F 6				110.81		25.13		-							F 12	131	CB	1	77.56	2	11.52
G 6				110.31		21.81		-							G 12	131	CB	1	84.61	2	13.33
H 6				104.08		20.33		-							H 12	131	CB	1	75.23	2	11.31

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

Hand 67 = F-08 <sup>9m</sup> all crab under 11.2 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:

Spp (species):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio	1 = Male	Carapace Width in mm	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 2 & 4)	P = Visually Positive N = Visually Negative
CB = C. bairdi	2 = Female					
(or write out "opilio", "bairdi")	3 = Unknown	(tenths)				

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

Plate Number:

13

Vessel:

94

Keys & Comments on  
back

Collected By:

Peg | C-576

Leg:

Leg 3

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

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	L	22.0	2	0-0-0		-
H 1		CB	L	27.4	2	0-0-0		-
A 2		CB	L	23.0	2	0-0-0		-
B 2		CB	L	23.3	2	0-0-0		-
C 2		CB	L	24.0	2	0-0-0		-
D 2		CB	I	25.8	2	3.3		-
E 2		CB	I	24.4	2	3.2		-
F 2		CB	I	21.5	2	2.6		-
G 2		CB	I	22.7	2	0-0-0		-
H 2		CB	I	23.0	2	2.8		-
A 3		CB	I	23.3	2	3.0		-
B 3		CB	I	23.6	2	2.8		-
C 3		CB	I	24.1	2	0-0-0		-
D 3		DO NOT TAKE SAMPLE - CONTROL WELL						
E 3		CB	I	21.0	2	2.5		-
F 3		CB	I	21.3	2	2.5		-
G 3		CB	I	26.3	2	0-0-0		+
H 3		CB	I	22.8	2	0-0-0		-
A 4		CB	I	21.9	2	2.6		-
B 4		CB	I	22.8	2	0-0-0		-
C 4		CB	I	22.3	2	0-0-0		-
D 4		CB	I	22.8	2	0-0-0		-
E 4		CB	I	22.8	2	3.0		-
F 4		CB	I	22.5	2	0-0-0		-
G 4		CB	I	28.7	2	0-0-0		-
H 4		CB	I	22.7	2	2.4		-
A 5		CB	I	22.4	2	2.5		-
B 5	↓	CB	I	22.3	2	2.8		-
C 5	154	CB	I	24.1	2	2.4		-
D 5	177	CO	I	64.29	2	10.44		+
E 5	↑	CO	I	49.55	2	0-0-0		+
F 5		CO	I	53.28	2	9.14		-
G 5		DO NOT TAKE SAMPLE - CONTROL WELL						
H 5		CO	I	51.65	2	8.23		-
A 6		CO	I	77.78	2	13.16		-
B 6		CO	I	60.73	2	13.46		-
C 6		CO	I	53.20	2	9.16		-
D 6		CO	I	49.53	2	0-0-0		-
E 6		CO	I	36.66	2	0-0-0		-
F 6		CO	I	58.89	2	9.99		-
G 6		CO	I	47.71	2	8.21		-
H 6		CO	I	56.50	2	0-0-0		-

Well:	Haul #	Spp	Sex	Size (mm)	Shell	Bio	Mat	BCS+
A 7	177	CO	I	55.95	2	10.61		-
B 7	↑	CO	I	63.61	2	14.60		-
C 7		CO	I	52.66	2	8.17		-
D 7		CO	I	41.11	2	6.38		-
E 7		CO	I	56.43	2	8.34		-
F 7		CO	I	82.53	3	17.56		-
G 7	↓	CO	I	50.22	2	7.92		+
H 7	177	CO	I	55.74	3	11.11		-
A 8	179	CO	I	54.46	2	0-0-0		-
B 8	↑	CO	I	42.74	2	6.74		-
C 8		CO	I	48.12	2	0-0-0		-
D 8		CO	I	45.58	2	0-0-0		-
E 8		CO	I	49.81	2	8.31		-
F 8		DO NOT TAKE SAMPLE - CONTROL WELL						
G 8		CO	I	45.00	2	0-0-0		-
H 8		CO	I	41.98	2	0-0-0		-
A 9		CO	I	48.34	2	0-0-0		-
B 9		CO	I	45.43	2	0-0-0		-
C 9		CO	I	41.38	2	6.65		-
D 9		CO	I	42.19	2	6.95		-
E 9		CO	I	45.12	2	0-0-0		-
F 9		CO	I	44.37	2	0-0-0		-
G 9		CO	I	42.02	2	6.98		-
H 9		CO	I	46.37	2	0-0-0		-
A 10		CO	I	54.73	2	0-0-0		-
B 10		DO NOT TAKE SAMPLE - CONTROL WELL						
C 10		CO	I	40.18	2	0-0-0		-
D 10		CO	I	43.53	2	0-0-0		-
E 10	↓	CO	I	44.58	2	0-0-0		-
F 10	179	CO	I	39.99	2	6.51		-
G 10	181	CO	I	42.73	2	0-0-0		-
H 10	↑	CO	I	67.32	2	11.85		-
A 11		CO	I	46.98	2	0-0-0		-
B 11		CO	I	60.30	2	12.71		-
C 11		CO	I	41.28	2	0-0-0		-
D 11		CO	I	43.47	2	0-0-0		-
E 11		CO	I	50.76	3	10.69		-
F 11		CO	I	45.65	2	8.98		-
G 11		CO	I	44.89	2	7.20		-
H 11		CO	I	46.03	2	8.31		-
A 12		DO NOT TAKE SAMPLE - CONTROL WELL						
B 12		CO	I	73.83	2	12.39		-
C 12		CO	I	42.14	2	0-0-0		-
D 12		CO	I	47.97	2	7.96		-
E 12		CO	I	45.23	2	7.50		-
F 12		CO	I	40.06	2	0-0-0		-
G 12		CO	I	44.80	2	0-0-0		-
H 12		CO	I	51.96	2	8.83		-

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 ✓

F3 ✓

A4 ✓

D4 mL : D4 ✓

0.1 mL : D4 ✓

0.1 mL : E4 ✓

0.1 mL : E4 ✓

0.1 mL : D5 ✓

D5 mL : F5 ✓

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: 14Vessel: 7Collected By: PCJ CJPLeg: 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	195	CB	2	25.88	2	0-0-0	I	-	A 7	196	CB	1	69.98	2	9.04	I	-
B 1	1	CB	2	26.28	2	0-0-0	I	-	B 7	196	CB	1	78.25	2	10.29	I	-
C 1	1	CB	1	26.67	2	2.95	V	-	C 7	208	CB	2	51.05	2	4-15	M	-
D 1	195	CB	1	25.98	2	5.39	I	-	D 7	1	2	2	20.94	2	4.15	M	-
E 1	196	CB	2	37.99	2	0-0-0	I	-	E 7			2	43.12	2	4.15	M	-
F 1	1	CB	2	32.10	2	0-0-0	I	-	F 7			2	53.11	2	4.15	M	-
G 1			2	23.29	2	0-0-0	I	-	G 7			2	48.15	2	4.15	M	-
H 1			2	31.95	2	0-0-0	I	-	H 7			2	48.65	2	4.15	M	-
A 2			2	27.84	2	0-0-0	I	-	A 8			2	18.76	2	4.15	M	-
B 2			2	36.77	2	0-0-0	I	-	B 8			2	46.60	2	4.15	M	-
C 2			2	26.04	2	0-0-0	I	-	C 8	1		2	44.10	2	4.15	M	-
D 2			2	28.31	2	0-0-0	I	-	D 8	208	CO	2	49.97	2	4.15	M	-
E 2			2	24.89	2	0-0-0	I	-	E 8	208	CO	1	58.91	2	9.75	I	-
F 2			2	24.01	2	0-0-0	I	-	F 8				DO NOT TAKE SAMPLE - CONTROL WELL				
G 2			1	25.87	2	3.60	I	-	G 8			2	79.45	2	0-0-0	I	+
H 2			1	25.33	2	2.94	I	-	H 8			2	46.63	2	0-0-0	I	-
A 3			1	24.35	2	2.44	I	+	A 9			2	45.78	2	0-0-0	I	-
B 3			1	23.29	2	3.07	I	-	B 9			1	63.27	2	11.09	I	-
C 3			1	23.84	2	2.85	I	-	C 9			1	66.68	2	14.68	I	-
D 3				DO NOT TAKE SAMPLE - CONTROL WELL					D 9			1	47.11	2	7.53	I	-
E 3			1	26.20	2	3.24	I	-	E 9			2	53.76	2	0-0-0	I	-
F 3			1	21.94	2	2.44	I	-	F 9			1	42.12	2	6.68	I	-
G 3			1	24.03	2	2.23	I	-	G 9			1	55.12	2	9.04	I	-
H 3			1	34.81	2	4.22	I	-	H 9			2	43.60	2	0-0-0	I	-
A 4	196	CB	1	80.32	2	10.41	I	-	A 10			2	40.48	2	0-0-0	I	-
B 4	197	CB	1	76.17	2	9.96	I	-	B 10				DO NOT TAKE SAMPLE - CONTROL WELL				
C 4	195	CB	2	26.38	2	0-0-0	I	-	C 10			1	47.18	2	7.10	I	-
D 4			2	34.85	2	0-0-0	I	-	D 10			2	44.58	2	0-0-0	I	-
E 4			1	25.40	2	3.01	I	-	E 10			1	39.77	2	6.64	I	-
F 4			2	25.16	2	0-0-0	I	-	F 10			1	54.96	2	8.76	I	-
G 4			1	22.48	2	2.30	I	-	G 10			2	47.85	2	0-0-0	I	-
H 4			1	25.17	2	3.23	I	-	H 10			1	48.56	2	8.35	I	-
A 5			2	24.35	2	0-0-0	I	-	A 11			2	43.52	2	0-0-0	I	-
B 5			1	22.90	2	2.69	I	-	B 11	208	CO	2	44.86	2	0-0-0	I	-
C 5			1	21.17	2	2.85	I	-	C 11	195	CB	1	37.97	2	9.58	I	-
D 5			2	31.67	2	0-0-0	I	-	D 11			1	33.18	2	3.60	I	-
E 5			2	35.49	2	0-0-0	I	-	E 11			1	34.56	2	3.99	I	-
F 5			2	30.97	2	3.89	I	-	F 11			2	32.08	2	0-0-0	I	-
G 5				DO NOT TAKE SAMPLE - CONTROL WELL					G 11			1	33.12	2	4.22	I	-
H 5				32.26	2	3.61	I	-	H 11			2	34.33	2	0-0-0	I	-
A 6			1	25.59	2	2.70	I	-	A 12				DO NOT TAKE SAMPLE - CONTROL WELL				
B 6			2	35.35	2	0-0-0	I	-	B 12			1	31.75	2	3.61	I	-
C 6			2	25.24	2	3-0-0	I	-	C 12			1	27.13	2	3.36	I	-
D 6			2	27.29	2	0-0-0	I	-	D 12			1	24.64	2	3.04	I	-
E 6			1	36.48	2	4.48	I	-	E 12			2	27.72	2	0-0-0	I	-
F 6	195	CB	1	25.89	2	3.12	I	-	F 12			1	24.18	2	3.01	I	-
G 6	196	CB	1	91.22	2	13.97	I	-	G 12			1	25.91	2	3.04	I	-
H 6			1	77.44	2	10.53	I	-	H 12	195	CB	2	25.68	2	0-0-0	I	-

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:

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 ✓ = Mature crab (indicate when sampling in sites 1 & 4)	BCS+: P = Visually Positive N = Visually Negative

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

Plate Number: 15

Vessel: 94

Collected By: PLJ CJP

Leg: 3

Keys &amp; Comments on back

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	181	CO	I	64.90	2	13.47	I	-
B 1	181	CO	I	49.10	2	0.75	I	-
C 1	181	CO	I	45.84	2	0.00	-	-
D 1	182	CO	I	45.39	2	0.00	-	-
E 1	181	CO	I	66.96	2	12.17	-	-
F 1	181	CO	I	40.86	2	0.00	-	-
G 1	181	CO	I	45.11	2	0.00	-	-
H 1	181	CO	I	43.82	2	7.10	-	-
A 2	181	CO	I	44.16	2	0.00	-	-
B 2	181	CO	I	43.41	2	0.00	-	-
C 2	181	CO	I	45.36	2	0.00	-	-
D 2	181	CO	I	38.94	2	6.13	-	-
E 2	181	CO	I	44.19	2	7.44	-	-
F 2	181	CO	I	45.84	2	7.25	-	-
G 2	181	CO	I	41.90	2	7.21	-	-
H 2	181	CO	I	51.34	2	0.00	-	-
A 3	181	CO	I	41.69	2	0.00	-	-
B 3	181	CO	I	46.15	2	7.41	-	-
C 3	181	CO	I	44.25	2	7.24	-	-
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	181	CO	I	40.97	2	6.55	-	-
F 3	181	CO	I	62.29	3	2.73	-	-
G 3	181	CO	I	39.72	2	6.62	-	-
H 3	182	CO	I	43.16	2	6.97	-	-
A 4	183	CO	I	47.54	2	6.70	I	-
B 4	181	CO	I	72.53	2	0.00	-	-
C 4	181	CO	I	39.63	2	6.32	-	-
D 4	181	CO	I	45.12	2	0.00	-	-
E 4	181	CO	I	46.91	2	6.50	-	-
F 4	181	CO	I	42.14	2	0.00	-	-
G 4	181	CO	I	42.34	2	5.89	-	-
H 4	181	CO	I	55.45	2	11.68	-	-
A 5	181	CO	I	43.12	2	0.00	-	-
B 5	181	CO	I	46.02	2	7.70	-	-
C 5	181	CO	I	46.53	2	0.00	-	-
D 5	181	CO	I	42.25	2	7.32	-	-
E 5	181	CO	I	42.68	2	0.00	-	-
F 5	181	CO	I	42.89	2	7.25	-	-
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	181	CO	I	42.25	2	0.00	-	-
A 6	181	CO	I	44.31	2	0.00	-	-
B 6	181	CO	I	46.01	2	7.75	I	-
C 6	181	CO	I	40.80	2	6.94	-	-
D 6	181	CO	I	44.88	2	7.11	I	-
E 6	183	CO	I	42.15	2	6.95	I	-
F 6	188	CO	I	44.67	2	4.15	M	-
G 6	181	CO	I	49.84	2	4.15	M	-
H 6	184	CO	I	43.24	2	4.15	M	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	188	CO	I	49.84	2	4.15	M	-
B 7	181	CO	I	46.77	2	4.15	M	-
C 7	181	CO	I	52.10	2	4.15	M	-
D 7	181	CO	I	46.75	2	4.15	M	-
E 7	181	CO	I	50.98	2	4.15	M	-
F 7	181	CO	I	42.89	2	4.15	M	-
G 7	188	CO	I	47.96	2	4.15	M	-
H 7	188	CO	I	46.43	2	(CO)	I	-
A 8	181	CO	I	50.83	2	8.16	I	-
B 8	181	CO	I	43.04	2	0.00	I	-
C 8	181	CO	I	57.71	2	11.86	I	-
D 8	181	CO	I	42.25	2	0.00	I	-
E 8	181	CO	I	43.95	2	0.00	-	-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8	181	CO	I	46.63	2	7.87	I	-
H 8	181	CO	I	43.25	2	0.60	I	-
A 9	181	CO	I	47.65	2	8.09	I	-
B 9	181	CO	I	43.23	2	7.55	I	-
C 9	181	CO	I	46.78	2	8.03	I	-
D 9	181	CO	I	48.05	2	5.34	I	-
E 9	181	CO	I	42.3	2	0.00	I	-
F 9	181	CO	I	42.2	2	12.65	I	-
G 9	181	CO	I	46.77	2	0.00	I	-
H 9	181	CO	I	47.89	2	7.95	I	-
A 10	181	CO	I	47.9	2	6.71	I	-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	181	CO	I	44.84	2	0.00	I	-
D 10	181	CO	I	55.30	2	0.00	I	-
E 10	181	CO	I	37.63	2	6.01	I	-
F 10	195	CB	I	77.80	2	4.14	M	-
G 10	181	CB	I	91.60	2	4.13	M	-
H 10	181	CB	I	24.81	2	0.00	I	-
A 11	181	CB	I	26.26	2	0.00	I	-
B 11	181	CB	I	32.31	2	0.00	I	-
C 11	181	CB	I	24.79	2	0.00	-	-
D 11	181	CB	I	42.46	2	5.35	-	-
E 11	181	CB	I	23.37	2	2.90	-	-
F 11	181	CB	I	34.30	2	4.49	-	-
G 11	181	CB	I	24.98	2	0.00	-	-
H 11	181	CB	I	28.01	2	0.00	-	-
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	181	CB	I	26.26	2	0.00	-	-
C 12	181	CB	I	24.34	2	0.00	-	-
D 12	181	CB	I	23.81	2	2.78	-	-
E 12	181	CB	I	23.62	2	2.65	-	-
F 12	181	CB	I	24.44	2	2.86	-	-
G 12	181	CB	I	24.54	2	0.00	V	-
H 12	195	CB	I	23.93	2	0.00	I	-

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

F9- ab1 clear

0.15mL : H10

0.15mL : C11

0.15mL : E11

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:

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 1 & 4)	BCS+: P = Visually Positive N = Visually Negative
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2017 EBS *Chionoecetes* Index Site Hemolymph Collections - Kodiak / PathobiologyPlate Number: 17  
Collected By: DCJ CJRVessel: 94  
Leg: 3Keys & Comments on  
back

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	195	CB	2	26.72	2	0-0-0	-	
B 1	A	A	1	26.13	2	3.17	A	-
C 1			1	25.58	2	2.97	-	
D 1			2	24.83	2	0-0-0	-	
E 1			2	24.80	2	0-0-0	-	
F 1			2	35.69	2	0-0-0	-	
G 1			1	40.09	2	5.08	-	
H 1			2	36.30	2	0-0-0	-	
A 2			1	37.08	2	4.83	-	
B 2			2	27.92	2	0-0-0	-	
C 2			2	26.33	2	0-0-0	-	
D 2			1	24.60	2	3.06	-	
E 2			1	26.78	2	3.37	-	
F 2			1	25.22	2	3.25	-	
G 2			1	24.44	2	2.82	-	
H 2			2	24.99	2	0-0-0	-	
A 3			2	25.69	2	0-0-0	-	
B 3			1	24.72	2	3.16	-	
C 3			2	25.18	2	3.02	-	
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			1	24.36	2	3.04	-	
F 3			2	24.86	2	0-0-0	-	
G 3			1	25.17	2	2.97	-	
H 3			2	26.31	2	0-0-0	-	
A 4			2	25.2b	2	0-0-0	-	
B 4			2	24.12	2	0-0-0	-	
C 4			1	24.85	2	2.96	-	
D 4			2	34.26	2	0-0-0	-	
E 4			1	25.90	2	2.56	-	
F 4			2	24.07	2	0-0-0	-	
G 4			2	26.95	2	0-0-0	-	
H 4			2	25.46	2	0-0-0	-	
A 5			1	26.92	2	3.34	-	
B 5			2	24.80	2	0-0-0	-	
C 5			2	24.99	2	0-0-0	-	
D 5			1	26.51	2	3.26	-	
E 5			2	26.54	2	0-0-0	-	
F 5			1	26.91	2	3.29	-	
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			1	25.87	2	2.95	-	
A 6			1	25.54	2	3.09	-	
B 6			2	26.17	2	0-0-0	-	
C 6			1	25.90	2	3.08	-	
D 6			2	25.92	2	0-0-0	-	
E 6			1	23.04	2	2.82	-	
F 6			1	25.15	2	3.06	-	
G 6	▼	▼	2	24.02	2	0-0-0	▼	-
H 6	195	CB	1	24.43	2	2.98	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	195	CB	1	25.42	2	3.06	I	-
B 7	▲	▲	2	25.28	2	0-0-0	▲	-
C 7			1	23.70	2	2.03	-	
D 7			2	25.15	2	0-0-0	-	
E 7			2	24.40	2	0-0-0	-	
F 7			2	25.07	2	0-0-0	-	
G 7			1	32.10	2	4.01	-	
H 7			2	31.81	2	4.21	-	
A 8			1	25.57	2	3.08	-	
B 8			1	30.34	2	4.00	-	
C 8			2	26.52	2	0-0-0	-	
D 8			1	26.56	2	3.28	-	
E 8			2	27.03	2	0-0-0	-	
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			2	25.17	2	0-0-0	-	
H 8			2	25.05	2	0-0-0	-	
A 9			2	27.17	2	0-0-0	-	
B 9			2	26.16	2	0-0-0	-	
C 9			2	27.40	2	0-0-0	-	
D 9			1	24.84	2	2.85	-	
E 9			2	25.88	2	0-0-0	-	
F 9			2	27.72	2	0-0-0	-	
G 9	▼	▼	1	25.33	2	2.95	▼	-
H 9	195	CB	1	25.45	2	2.97	I	-
A 10	211	CD	2	41.30	2	4-1-6	M	-
B 10								
C 10								
D 10								
E 10								
F 10								
G 10								
H 10								
A 11								
B 11	▼	▼	▼	▼	2	42.66	2	4-1-6
C 11	211	CD	2	44.70	2	4-1-5	M	-
D 11	209	CD	2	40.62	2	4-1-5	M	-
E 11	▲	▲	▲	▲	2	53.75	2	4-1-6
F 11								
G 11								
H 11								
A 12								
B 12								
C 12								
D 12								
E 12	▼	▼	▼	▼	2	49.73	2	4-1-6
F 12	209	CD	2	40.10	2	4-1-5	M	-
G 12	209	CD	1	54.82	2	9.68	I	-
H 12	209	CD	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: Bb ✓

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:

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 ✓ =

Mature crab

(indicate when  
sampling in sites  
1 & 4)

BCS+:

P = Visually

Positive

N = Visually

Negative

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

Plate Number: 18

Vessel: 94

## Keys & Comments on back

Collected By: PCJ CSP

Leg: 3

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	212	CO	2	47.12	2	4-1-6	M	-
B 1			4	49.30	2	4-1-6	2	-
C 1				53.03	3	4-1-6		-
D 1				45.59	2	4-1-6		-
E 1				48.01	2	4-1-5		-
F 1				49.31	3	4-1-6		-
G 1				46.11	2	4-1-6		-
H 1				39.90	2	2-2-6		-
A 2				54.23	3	4-1-6		-
B 2	212	CO	2	39.30	2	4-1-6	M	-
C 2	209	CO	1	44.63	2	6.87	I	-
D 2			2	50.23	2	0-0-0		-
E 2			2	45.28	2	0-0-0		-
F 2			1	62.81	2	13.24		-
G 2			2	47.02	2	0-0-0		-
H 2			1	50.18	2	8.68		-
A 3			2	46.20	2	0-0-0		-
B 3			2	5.46	2	0-0-0		-
C 3			2	47.91	2	0-0-0		-
D 3		DO NOT TAKE SAMPLE - CONTROL WELL						
E 3			2	49.18	2	0-0-0		-
F 3			1	63.24	2	12.08		-
G 3			1	61.06	2	0.37		-
H 3			1	49.19	2	8.28		-
A 4			2	46.47	2	0-0-0		-
B 4			1	63.38	2	10.49		-
C 4			2	47.12	2	0.00		-
D 4			2	42.39	2	0-0-0		-
E 4	209	CO	2	45.510	2	0-1-1	I	-
F 4	212	CO	2	42.84	2	0-0-0	I	-
G 4			1	46.89	2	7.15		-
H 4			1	58.03	2	10.09		-
A 5			2	48.78	2	0-0-0		-
B 5			1	57.30	2	9.03		-
C 5			1	60.09	2	13.43		-
D 5			2	46.49	2	0-0-0		-
E 5			1	49.50	2	8.91		-
F 5			1	52.79	2	8.94		-
G 5		DO NOT TAKE SAMPLE - CONTROL WELL						
H 5			2	41.09	2	0-0-0		-
A 6			1	54.71	2	9.66		-
B 6			1	62.24	2	10.40		-
C 6			2	48.44	2	0-0-0		-
D 6			1	54.60	2	9.04		-
E 6			1	49.31	2	7.35		-
F 6			2	46.26	2	0-1-0		-
G 6			1	60.32	2	10.20		-
H 6	217	CO	1	44.83	2	6.88	I	-

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:

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 Positive
CB = C. bairdi	2 = Female	Width in mm (tenths)	1 = Soft Shell	Height in mm (tenths);	Mature crab	N = Visually Negative
(or write out "opilio"; "bairdi")	3 = Unknown		2 = New Shell	FEMALE: Clutch (use standard color, condition & fullness codes)	(indicate when sampling in sites 1 & 4)	
			3 = Old Shell			
			4 = Very Old Shell			
			5 = Graveyard			

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

Plate Number: 14Vessel: 331Collected By: PCJ CSPLeg: 3

Keys &amp; Comments on back

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	195	CB	1	25.88	2	0-0-0	I	-
B 1	1	CB	2	26.28	2	0-0-0	I	-
C 1	1	CB	I	26.67	2	2.95	V	-
D 1	195	CB	1	26.48	2	5.39	I	-
E 1	1910	CB	2	37.99	2	0-0-0	I	-
F 1	1	CB	2	32.10	2	0-0-0	A	-
G 1			2	23.29	2	0-0-0	+	-
H 1			2	31.95	2	0-0-0	-	-
A 2			2	27.84	2	0-0-0	-	-
B 2			2	36.77	2	0-0-0	-	-
C 2			2	26.04	2	0-0-0	-	-
D 2			2	28.31	2	0-0-0	-	-
E 2			2	24.89	2	0-0-0	-	-
F 2			2	24.01	2	0-0-0	-	-
G 2			1	25.87	2	3.60	-	-
H 2			1	25.33	2	2.94	-	-
A 3			1	31.35	2	2.44	+	-
B 3			1	33.29	2	3.67	-	-
C 3			1	23.84	2	2.85	-	-
D 3								DO NOT TAKE SAMPLE - CONTROL WELL
E 3			1	26.20	2	3.24	-	-
F 3			1	21.94	2	2.44	-	-
G 3			1	24.03	2	2.23	-	-
H 3			1	34.81	2	4.22	-	-
A 4	196	CB	1	30.32	2	10.41	I	-
B 4	19.7	CB	1	36.17	2	7.96	I	-
C 4	195	CB	2	25.38	2	0-0-0	I	-
D 4	1	CB	2	34.85	2	0-0-0	A	-
E 4			1	25.60	2	3.01	-	-
F 4			2	25.16	2	0-0-0	-	-
G 4			1	22.48	2	2.30	-	-
H 4			1	25.17	2	3.23	-	-
A 5			2	24.35	2	0-0-0	-	-
B 5			1	22.90	2	2.69	-	-
C 5			1	24.19	2	2.85	-	-
D 5			2	31.67	2	0-0-0	-	-
E 5			2	35.49	2	0-0-0	-	-
F 5			2	30.97	2	3.89	-	-
G 5								DO NOT TAKE SAMPLE - CONTROL WELL
H 5			1	32.76	2	3.61	-	-
A 6			1	25.19	2	2.70	-	-
B 6			2	35.35	2	0-0-0	-	-
C 6			2	25.24	2	3-0-0	-	-
D 6			2	27.29	2	0-0-0	-	-
E 6			1	36.48	2	4.48	V	-
F 6	195	CB	1	25.29	2	3.12	I	-
G 6	196	CB	1	34.23	2	12.57	F	-
H 6			1	27.44	2	0-0-0	I	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	196	CB	1	69.98	2	9.04	I	-
B 7	196	CB	1	78.25	2	10.29	I	-
C 7	208	CB	2	56.25	2	4-1.5	M	-
D 7	1	CB	2	58.87	2	4.15	M	-
E 7			2	43.12	2	4.15	M	-
F 7			2	53.11	2	4.15	M	-
G 7			2	46.15	2	4.15	M	-
H 7			2	48.65	2	4.15	M	-
A 8			2	71.76	2	4.15	M	-
B 8			2	46.60	2	4.15	M	-
C 8			2	44.10	2	4.15	M	-
D 8	208	CB	2	49.97	2	4.15	M	-
E 8	208	CO	1	58.91	2	9.75	I	-
F 8								DO NOT TAKE SAMPLE - CONTROL WELL
G 8			2	79.45	2	0-0-0	I	+
H 8			2	46.63	2	0-0-0	I	-
A 9			2	15.78	2	0-0-0	I	-
B 9			1	63.27	2	11.09	I	-
C 9			1	66.68	2	14.68	A	-
D 9			1	47.11	2	7.53	-	-
E 9			2	53.76	2	0-0-0	-	-
F 9			1	42.12	2	6.68	-	-
G 9			1	55.12	2	9.04	-	-
H 9			2	43.60	2	0-0-0	-	-
A 10			2	40.48	2	0-0-0	-	-
B 10								DO NOT TAKE SAMPLE - CONTROL WELL
C 10			1	47.18	2	7.10	-	-
D 10			2	44.58	2	0-0-0	-	-
E 10			1	39.77	2	6.64	-	-
F 10			1	54.96	2	8.76	-	-
G 10			2	47.85	2	0-0-0	-	-
H 10			1	48.56	2	8.35	V	-
A 11			2	43.52	2	0-0-0	V	-
B 11	208	CO	2	44.86	2	0-0-0	I	-
C 11	195	CB	1	37.77	2	9.58	I	-
D 11	1	CB	1	33.18	2	3.60	A	-
E 11			1	34.56	2	3.99	-	-
F 11			2	32.08	2	0-0-0	-	-
G 11			1	33.12	2	4.22	-	-
H 11			2	34.33	2	0-0-0	-	-
A 12								DO NOT TAKE SAMPLE - CONTROL WELL
B 12			1	31.75	2	3.61	-	-
C 12			1	27.13	2	3.36	-	-
D 12			1	24.64	2	3.04	-	-
E 12			2	27.72	2	0-0-0	-	-
F 12			1	24.18	2	3.01	-	-
G 12			1	25.91	2	3.04	V	-
H 12	195	CB	2	25.68	2	0-0-0	I	-

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

Plate Number: 17Vessel: 94Keys & Comments on  
backCollected By: OCJ CJPLeg: 3

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

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

A 1	195	CB	2	26.72	2	0-0-0	I	-
B 1			2	26.13	2	3.17	▲	-
C 1		I	2	25.58	2	2.97		-
D 1		2	24.83	2	0-0-0			-
E 1		2	24.80	2	0-0-0			-
F 1		2	35.69	2	0-0-0			-
G 1		I	2	40.09	2	5.08		-
H 1		2	31.30	2	0-0-0			-
A 2		I	2	27.08	2	4.83		-
B 2		2	27.92	2	0-0-0			-
C 2		2	26.33	2	0-0-0			-
D 2		I	2	24.60	2	3.06		-
E 2		I	2	26.78	2	3.37		-
F 2		I	2	25.22	2	3.25		-
G 2		I	2	24.44	2	2.82		-
H 2		2	24.99	2	0-0-0			-
A 3		2	25.69	2	0-0-0			-
B 3		I	2	24.72	2	3.16		-
C 3		I	2	25.69	2	3.02		-
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3		I	2	24.36	2	3.04		-
F 3		2	24.86	2	0-0-0			-
G 3		I	2	25.17	2	2.97		-
H 3		2	26.31	2	0-0-0			-
A 4		2	25.26	2	0-0-0			-
B 4		2	24.12	2	0-0-0			-
C 4		I	2	24.95	2	2.96		-
D 4		2	34.26	2	0-0-0			-
E 4		I	2	25.90	2	2.56		-
F 4		2	24.07	2	0-0-0			-
G 4		2	26.95	2	0-0-0			-
H 4		2	25.46	2	0-0-0			-
A 5		I	2	26.92	2	3.34		-
B 5		2	24.80	2	0-0-0			-
C 5		2	24.99	2	0-0-0			-
D 5		I	2	26.51	2	3.26		-
E 5		2	26.54	2	0-0-0			-
F 5		I	2	26.91	2	3.29		-
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5		I	2	25.27	2	2.95		-
A 6		I	2	25.54	2	3.09		-
B 6		2	21.17	2	0-0-0			-
C 6		I	2	25.90	2	3.08		-
D 6		2	25.92	2	0-0-0			-
E 6		I	2	28.04	2	2.82		-
F 6		I	2	25.15	2	3.06		-
G 6		▼	2	24.02	2	0-0-0	▼	-
H 6	195	CB	I	24.73	2	2.98	I	-

Well: Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+	
A 7	195	CB	I	25.42	2	3.06	I	-
B 7	▲	▲	2	25.28	2	0-0-0	▲	-
C 7			I	23.70	2	2.03		-
D 7			2	25.15	2	0-0-0		-
E 7			2	24.40	2	0-0-0		-
F 7			2	25.07	2	0-0-0		-
G 7			I	32.10	2	4.01		-
H 7			2	31.81	2	4.21		-
A 8		I	25.57	2	3.08			-
B 8		I	30.34	2	4.00			-
C 8		2	26.52	2	0-0-0			-
D 8		I	26.56	2	3.28			-
E 8		2	27.03	2	0-0-0			-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8		2	25.47	2	0-0-0			-
H 8		2	25.05	2	0-0-0			-
A 9		2	27.17	2	0-0-0			-
B 9		2	26.16	2	0-0-0			-
C 9		2	27.40	2	0-0-0			-
D 9		I	24.84	2	2.85			-
E 9		2	25.88	2	0-0-0			-
F 9		2	27.72	2	0-0-0			-
G 9	▼	I	25.33	2	2.95	▼		-
H 9	195	CB	I	25.45	2	2.97	I	-
A 10	211	CD	2	41.30	2	4-1-6	M	-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10		I	49.62	2	4-1-6			-
D 10			50.08	2	4-1-5			-
E 10			55.32	2	4-1-6			-
F 10			53.46	2	4-1-6			-
G 10			49.35	2	4-1-6			-
H 10			43.05	2	4-1-5			-
A 11			48.46	2	4-1-5			-
B 11	▼	▼	42.66	2	4-1-6	▼		-
C 11	211	CD	2	44.70	2	4-1-5	M	-
D 11	209	CD	2	40.62	2	4-1-5	M	-
E 11	▲	▲	53.75	2	4-1-6	▲		-
F 11			52.03	2	4-1-6			-
G 11			51.23	2	4-1-5			-
H 11			48.85	2	4-1-5			-
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			50.35	2	4-1-6			-
C 12			50.02	2	4-1-5			-
D 12			50.62	2	4-1-6			-
E 12	▼	▼	49.73	2	4-1-6	▼		-
F 12	209	CD	2	46.10	2	4-1-5	M	-
G 12	209	CD	I	54.82	2	9.68	I	-
H 12	211	CD	2	40.22	2	0-0-0		-

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

Plate Number: 13  
Collected By: Leg 3

Vessel: 94  
Leg: Leg 3

Keys & Comments on back

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	I	22.0	2	0-0-0		-
H 1		CB	I	27.4	2	0-0-0		-
A 2		CB	I	23.0	2	0-0-0		-
B 2		CB	I	23.3	2	0-0-0		-
C 2		CB	I	24.0	2	0-0-0		-
D 2		CB	I	25.8	2	3.3		-
E 2		CB	I	24.4	2	3.2		-
F 2		CB	I	21.5	2	2.6		-
G 2		CB	I	22.7	2	0-0-0		-
H 2		CB	I	23.0	2	2.8		-
A 3		CB	I	23.3	2	3.0		-
B 3		CB	I	23.6	2	2.8		-
C 3		CB	I	24.1	2	0-0-0		-
D 3		DO NOT TAKE SAMPLE - CONTROL WELL						
E 3		CB	I	21.0	2	2.5		-
F 3		CB	I	21.3	2	2.5		-
G 3		CB	I	26.3	2	0-0-0		+
H 3		CB	I	22.8	2	0-0-0		-
A 4		CB	I	21.9	2	2.6		-
B 4		CB	I	22.8	2	0-0-0		-
C 4		CB	I	22.3	2	0-0-0		-
D 4		CB	I	22.8	2	0-0-0		-
E 4		CB	I	22.8	2	3.0		-
F 4		CB	I	22.5	2	0-0-0		-
G 4		CB	I	28.7	2	0-0-0		-
H 4		CB	I	22.7	2	2.4		-
A 5		CB	I	22.4	2	2.5		-
B 5		CB	I	22.3	2	2.8		-
C 5	154	CB	I	24.1	2	2.4		-
D 5	177	CO	I	64.29	2	10.44		+
E 5	↑	CO	I	49.55	2	0-0-0		+
F 5		CO	I	53.28	2	9.14		-
G 5		DO NOT TAKE SAMPLE - CONTROL WELL						
H 5		CO	I	51.65	2	8.25		-
A 6		CO	I	77.78	2	13.16		-
B 6		CO	I	60.73	2	13.46		-
C 6		CO	I	53.20	2	9.16		-
D 6		CO	I	49.53	2	0-0-0		-
E 6		CO	I	36.66	2	0-0-0		-
F 6		CO	I	58.84	2	9.99		-
G 6		CO	I	47.71	2	8.21		-
H 6		CO	I	36.50	2	0-0-0		-

Well:	Haul #	Spp	Sex	Size (mm)	Shell	Bio	Mat	BCS+
A 7	177	CO	I	55.95	2	10.61		-
B 7	↑	CO	I	63.61	2	14.60		-
C 7	↑	CO	I	52.66	2	8.17		-
D 7		CO	I	41.11	2	6.38		-
E 7		CO	I	56.43	2	8.34		-
F 7		CO	I	82.53	3	17.56		-
G 7	↓	CO	I	50.22	2	7.92		+
H 7	177	CO	I	55.74	3	11.11		-
A 8	179	CO	I	54.46	2	0-0-0		-
B 8	↑	CO	I	42.74	2	6.74		-
C 8	↑	CO	I	48.12	2	0-0-0		-
D 8	↑	CO	I	45.58	2	0-0-0		-
E 8		CO	I	49.81	2	8.31		-
F 8		DO NOT TAKE SAMPLE - CONTROL WELL						
G 8		CO	I	45.00	2	0-0-0		-
H 8		CO	I	41.98	2	0-0-0		-
A 9		CO	I	48.34	2	0-0-0		-
B 9		CO	I	45.43	2	0-0-0		-
C 9		CO	I	41.38	2	6.65		-
D 9		CO	I	42.19	2	6.95		-
E 9		CO	I	45.12	2	0-0-0		-
F 9		CO	I	44.37	2	0-0-0		-
G 9		CO	I	42.02	2	6.98		-
H 9		CO	I	46.37	2	0-0-0		-
A 10		CO	I	54.73	2	0-0-0		-
B 10		DO NOT TAKE SAMPLE - CONTROL WELL						
C 10		CO	I	40.18	2	0-0-0		-
D 10		CO	I	43.53	2	0-0-0		-
E 10	↓	CO	I	44.58	2	0-0-0		-
F 10	179	CO	I	39.99	2	6.51		-
G 10	181	CO	I	42.73	2	0-0-0		-
H 10	↑	CO	I	67.37	2	11.85		-
A 11		CO	I	46.98	2	0-0-0		-
B 11		CO	I	60.30	2	12.71		-
C 11		CO	I	41.28	2	0-0-0		-
D 11		CO	I	43.47	2	0-0-0		-
E 11		CO	I	50.76	3	10.69		-
F 11		CO	I	45.65	2	8.98		-
G 11		CO	I	44.89	2	7.20		-
H 11		CO	I	46.03	2	8.31		-
A 12		DO NOT TAKE SAMPLE - CONTROL WELL						
B 12		CO	I	73.83	2	12.39		-
C 12		CO	I	42.14	2	0-0-0		-
D 12		CO	I	47.97	2	7.96		-
E 12		CO	I	45.23	2	7.50		-
F 12		CO	I	40.06	2	0-0-0		-
G 12		CO	I	44.80	2	0-0-0		-
H 12		CO	I	51.96	2	8.83		-

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

Plate Number: 15

Vessel: 94

Keys &amp; Comments on back

Collected By: PLJ CJP

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	181	CO	I	64.90	2	13.49	I	-
B 1	181	CO	I	49.10	2	8.75	↑	-
C 1	181	CO	I	45.84	2	0.00	-	-
D 1	182	CO	I	45.39	2	0.00	-	-
E 1	181	CO	I	66.96	3	12.17	-	-
F 1	CO	I	I	40.86	3	0.00	-	-
G 1	CO	I	I	45.11	2	0.00	-	-
H 1	CO	I	I	43.82	2	7.10	-	-
A 2	CO	I	I	44.16	2	0.00	-	-
B 2	CO	I	I	73.41	2	0.00	-	-
C 2	CO	I	I	45.36	2	0.00	-	-
D 2	CO	I	I	38.94	2	6.13	-	-
E 2	CO	I	I	44.19	2	7.44	-	-
F 2	CO	I	I	45.04	2	7.25	-	-
G 2	CO	I	I	41.90	3	7.21	-	-
H 2	CO	I	I	51.34	2	0.00	-	-
A 3	CO	I	I	41.69	2	0.00	-	-
B 3	CO	I	I	46.15	2	7.41	-	-
C 3	CO	I	I	44.25	2	7.24	-	-
D 3 DO NOT TAKE SAMPLE - CONTROL WELL								
E 3	CO	I	I	40.97	2	6.55	-	-
F 3	CO	I	I	62.79	3	12.73	-	-
G 3	CO	I	I	39.70	2	6.62	-	-
H 3	182	CO	I	43.16	2	6.97	-	-
A 4	183	CO	I	42.94	2	6.70	-	-
B 4	↑	CO	I	72.53	2	0.00	-	-
C 4		I	I	39.63	2	6.32	-	-
D 4		I	I	45.12	2	0.00	-	-
E 4		I	I	42.91	2	6.50	-	-
F 4		I	I	42.14	2	0.00	-	-
G 4		I	I	42.34	2	5.87	-	-
H 4		I	I	55.45	2	11.68	-	-
A 5		I	I	42.12	2	0.00	-	-
B 5		I	I	46.02	2	7.70	-	-
C 5		I	I	46.53	2	0.00	-	-
D 5		I	I	42.25	2	7.32	-	-
E 5		I	I	42.68	2	0.00	-	-
F 5		I	I	42.59	2	7.25	-	-
G 5 DO NOT TAKE SAMPLE - CONTROL WELL								
H 5		I	I	42.25	2	0.00	-	-
A 6		I	I	44.31	2	0.00	-	-
B 6		I	I	46.01	2	7.75	-	-
C 6		I	I	40.80	2	6.94	-	-
D 6		I	I	44.88	2	7.11	Y	+
E 6	183	I	I	42.15	2	6.99	Y	+
F 6	188	I	I	44.67	2	4.15	M	-
G 6	↓	I	I	44.53	2	4.15	M	-
H 6	184	I	I	43.24	2	4.15	M	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	188	CO	I	48.19	2	4.15	M	-
B 7	↑	CO	I	46.74	2	4-1-5	M	-
C 7		CO	I	52.10	2	4-1-6	M	-
D 7		CO	I	46.75	2	4-1-6	M	-
E 7		CO	I	50.98	2	4-1-6	M	-
F 7	↓	CO	I	42.89	2	4-1-6	M	-
G 7	188	CO	I	47.96	2	4-1-6	M	-
H 7	188	CO	I	41.43	2	0.00	I	-
A 8		I	I	50.83	2	8.16	I	-
B 8		I	I	43.04	2	0.00	I	-
C 8		I	I	57.71	2	11.86	I	-
D 8		I	I	42.25	2	0.00	I	-
E 8		I	I	43.95	2	0.00	I	-
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8		I	I	48.63	2	7.87	I	-
H 8		I	I	43.26	2	0.00	I	-
A 9		I	I	42.65	2	8.09	I	-
B 9		I	I	43.23	2	7.55	I	-
C 9		I	I	46.78	2	8.03	I	-
D 9		I	I	48.03	2	8.34	I	-
E 9		I	I	42	2	0.00	I	-
F 9		I	I	42.20	2	2.89	I	-
G 9		I	I	46.7	2	0.00	I	-
H 9		I	I	40.59	2	7.95	I	-
A 10		I	I	41.59	2	6.71	I	-
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10		I	I	45.49	2	0.00	I	-
D 10	↓	I	I	45.30	2	0.00	I	-
E 10	188	CO	I	39.63	2	6.01	I	-
F 10	195	CB	I	75.80	2	4-1-4	M	-
G 10	↑	CB	I	91.60	2	4-1-3	M	-
H 10		CB	I	24.81	2	0.00	I	-
A 11		CB	I	26.26	2	0.00	↑	-
B 11		CB	I	32.31	2	0.00	-	-
C 11		CB	I	24.79	2	0.00	-	-
D 11		CB	I	42.46	2	5.35	-	-
E 11		CB	I	23.37	2	2.90	-	-
F 11		CB	I	34.30	2	4.49	-	-
G 11		CB	I	24.98	2	0.00	-	-
H 11		CB	I	28.01	2	0.00	-	-
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12		CB	I	26.26	2	0.00	-	-
C 12		CB	I	24.34	2	0.00	-	-
D 12		CB	I	23.81	2	2.78	-	-
E 12		CB	I	23.62	2	2.65	-	-
F 12		CB	I	24.44	2	2.86	-	-
G 12	↓	CB	I	24.54	2	0.00	↓	-
H 12	195	CB	I	23.93	2	0.00	I	-

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

Plate Number: 10

Vessel: 94

Keys & Comments on back

Collected By: RF

Leg: 3/3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	140	Cb	1	97.37	2	13.77		
B 1			1	86.47	2	15.46		
C 1			1	67.96	2	9.04		
D 1			1	100.04	2	18.77		
E 1			2	54.06	2	-		
F 1			7	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				32.01	2	3.85		
G 3				249.01	2	000		
H 3				52.44	2	000		
A 4				33.40	2	000		
B 4	145	Cb	2	40.52	2	000		
C 4				43.13	2	000		
D 4				34.46	2	000		
E 4				37.48	2	000		
F 4				44.29	2	000		
G 4				29.17	2	000		
H 4				29.99	2	000		
A 5				75.60	2	16.35		
B 5				61.39	2	13.52		
C 5				68.67	2	15.77		
D 5				72.23	2	16.00		
E 5				62.16	3	11.85		
F 5				100.76	3	27.15		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				80.20	2	19.36		
A 6				101.84	3	24.13		
B 6				81.59	3	19.88		
C 6				87.05	2	22.34		
D 6				99.28	2	22.99		
E 6				70.92	2	16.66		
F 6				64.04	2	14.43		
G 6				81.49	2	21.42		
H 6				76.47	2	17.32		

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	145	Cb	1	66.31	2	14.62		
B 7				85.53	2	16.97		
C 7				68.97	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				85.8	3	15.6		
B 9				39.5	2	-		
C 9				32.0	2	000		
D 9				31.9	2	000		
E 9				25.3	2	-		
F 9				33.8	2	-		
G 9				23.0	2	000		
H 9				24.4	2	000		
A 10				30.9	2	-		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10		*	↓	24.6	2	000		
D 10				22.8	2	-		
E 10				40.1	2	5.0		
F 10				23.9	2	000		
G 10				22.5	2	000		
H 10				24.7	2	000		
A 11		↓	↓	26.9	2	000		
B 11				24.5	2	000		
C 11				23.9	2	000		
D 11				27.1	2	000		
E 11				28.6	2	3.6		
F 11				23.1	2	Machela		
G 11				23.6	2	2.7		
H 11				21.4	2	3.5	+	
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				22.9	2	000		
C 12				26.4	2	3.4		
D 12				23.9	2	000		
E 12				22.9	2	000		
F 12				22.0	2	000		
G 12		↓	↓	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



Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	67	CB	I	109.2	3	22.5	V	-
B 1				110.1	3	23.9	V	-
C 1				10.8	3	21.2	V	-
D 1				109.3	3	22.2	V	-
E 1	▽	▽	▽	108.6	3	20.8	V	-
F 1	69	CB	I	104.8	3	20.5	-	
G 1				86.6	3	16.4	-	
H 1				108.8	3	23.6	-	
A 2				99.6	3	20.5	-	
B 2				107.3	3	24.0	-	
C 2				80.5	2	13.5	-	
D 2				88.1	3	15.1	-	
E 2				110.2	3	21.1	-	
F 2				106.4	3	24.1	-	
G 2				101.5	3	18.3	-	
H 2				88.9	3	17.6	-	
A 3				104.7	3	20.3	-	
B 3				101.1	3	20.9	-	
C 3	▽	▽	▽	113.8	3	20.9	-	
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	69	CB	I	105.2	3	N/A	-	
F 3				102.1	3	20.5	-	
G 3	▽	▽	▽	107.8	3	21.0	-	
H 3	69	CB	2	29.7	2	0.00	-	
A 4	69	CB	2	28.0	2	0.00	-	
B 4	69	CB	2	29.2	2	0.00	-	
C 4	70	CB	I	107.4	3	23.7	-	
D 4				112.4	3	23.3	-	
E 4				104.2	3	23.0	-	
F 4				108.6	3	24.3	-	
G 4				107.3	3	22.2	-	
H 4				103.1	3	19.7	-	
A 5				78.3	3	14.1	-	
B 5				107.9	3	18.7	-	
C 5				51.0	2	6.3	-	
D 5	▽	▽	▽	50.3	2	6.1	-	
E 5	50	CB	I	99.6	4	21.36	-	
F 5				116.9	1	2.91	-	
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				99.38	1	11.27	-	
A 6	▽	▽	▽	97.75	V	19.92	-	
B 6	80	CB	I	108.87	4	19.49	-	
C 6	82	CB	I	101.69	3	21	-	
D 6				94.37	I	16.03	-	
E 6				111.75	I	23.54	-	
F 6				110.81	I	25.13	-	
G 6				110.35	I	21.81	-	
H 6				104.04	I	20.33	-	

Well:	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7	82	CB	I	86.10	3	14.86	-	
B 7	126	CB	I	90.90	3	15.67	-	
C 7	126	CB	I	95.07	3	11.43	-	
D 7	126	CB	I	98.93	2	16.24	-	
E 7	126	CB	I	91.18	2	15.15	-	
F 7	126	CB	I	89.87	2	14.98	-	
G 7	125	CB	I	98.98	3	22.07	-	
H 7	7			103.78	3	20.97	-	
A 8				105.40	3	22.91	-	
B 8				100.31	3	17.33	-	
C 8				78.42	3	16.37	-	
D 8				82.60	3	14.99	-	
E 8				82.37	3	14.58	-	
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				90.52	3	16.62	-	
H 8				87.38	3	16.76	-	
A 9				95.92	3	18.74	-	
B 9				93.39	3	17.41	-	
C 9				96.37	3	19.25	-	
D 9				104.83	3	23.61	-	
E 9				107.65	3	21.94	-	
F 9				93.01	3	18.54	-	
G 9				99.48	3	18.80	-	
H 9				109.58	3	21.44	-	
A 10				193.15	3	21.40	-	
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	▽	▽	▽	108.92	3	24.77	-	
D 10	125	CB	I	104.31	3	21.53	-	
E 10	132	CB	I	102.43	3	18.44	-	
F 10	CB	I		105.01	2	18.60	-	
G 10	CB	I		91.60	3	16.66	-	
H 10	CB	I		93.49	3	17.28	-	
A 11	CB	I		87.78	2	10.92	-	
B 11	CB	I		62.27	3	8.12	-	
C 11	CB	I		46.64	2	N/A	-	
D 11	CB	I		41.18	2	4.83	-	
E 11	CB	I		42.84	2	5.43	-	
F 11	CB	I		50.94	2	4.12	-	
G 11	CB	I		30.94	2	4.12	-	
H 11	CB	I		29.64	2	2.68	+	
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	CB	I		27.75	2	3.80	-	
C 12	CB	I		77.75	2	0.00	-	
D 12	▽	CB	I	61.84	2	0.00	-	
E 12	132	CB	I	38.24	2	0.00	-	
F 12	131	CB	I	72.56	2	11.52	-	
G 12	131	CB	I	54.61	2	13.33	-	
H 12	131	CB	I	75.73	2	11.31	-	

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

Plate Number: 13

Vessel: VESTERAALEN (9)

Keys & Comments on back

Collected By: R. FOY & J. ANDREWS

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	89.64	3	16.27		
F 1			1	94.04	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	8.41		
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	52.64	2	6.52		
A 3			1	69.36	2	9.94		
B 3			1	54.59	2	6.78		
C 3			1	77.90	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	4.30		
E 4			1	51.15	2	6.40		
F 4			1	52.45	2	5.92		
G 4			1	51.77	2	6.58		
H 4			2	51.36	2	0.00		
A 5			2	49.37	2	0.04		
B 5			2	51.28	2	0.00		
C 5			2	52.63	2	0.00		
D 5			2	41.43	2	0.00		
E 5			2	43.03	2	0.00		
F 5			2	42.15	2	0.00		
G 5				DO NOT TAKE SAMPLE - CONTROL WELL				
H 5			2	54.03	2	0.00		
A 6			2	53.02	2	0.00		
B 6			2	60.79	2	0.00		
C 6			2	58.05	2	0.00		
D 6			2	67.78	2	0.00		
E 6			2	58.65	2	0.00		
F 6			2	53.57	2	0.00		
G 6			2	41.50	2	0.00		
H 6	131	CB	2	51.94	2	0.00		

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

A 7	136	CO	1	78.97	2	18.54		
B 7			1	86.99	3	17.10		
C 7			1	73.68	2	15.70		
D 7				59.90	2	7.34		
E 7				62.48	2	12.89		
F 7				69.41	1	15.93		
G 7				49.09	2	16.13		
H 7				60.08	2	13.18		
A 8				71.39	3	15.75		
B 8				80.52	3	18.31		
C 8				72.84	3	15.44		
D 8	136	CO	1	84.45	3	20.00		
E 8				77.50	3	17.60		
F 8				DO NOT TAKE SAMPLE - CONTROL WELL				
G 8				85.27	4	19.65		
H 8				70.01	4	14.90		
A 9				68.64	3	14.33		
B 9				73.40	3	16.31		
C 9				71.41	3	14.61		
D 9				60.41	3	11.79		
E 9				86.24	3	18.53		
F 9				63.77	3	13.59		
G 9				64.57	3	13.52		
H 9				69.73	3	15.77		
A 10				82.20	3	19.18		
B 10				DO NOT TAKE SAMPLE - CONTROL WELL				
C 10				75.44	3	14.97		
D 10				72.73	3	16.26		
E 10				86.09	3	19.87		
F 10				59.59	2	9.66		
G 10				62.12	2	14.55		
H 10				66.06	2	14.92		
A 11				66.37	2	14.86		
B 11				55.60	2	12.01		
C 11				72.15	2	16.52		
D 11				71.07	2	11.13		
E 11				60.41	2	NIA		
F 11				86.63	3	19.80		
G 11				60.08	3	13.18		
H 11				84.15	3	18.72		
A 12				DO NOT TAKE SAMPLE - CONTROL WELL				
B 12				74.83	3	16.73		
C 12				80.28	3	18.32		
D 12				76.49	3	17.60		
E 12	136	CO	1	86.04	3	18.03		
F 12	139	CO	1	55.82	3	12.14		
G 12				67.24	3	14.69		
H 12	139	CO	1	70.57	4	15.70		