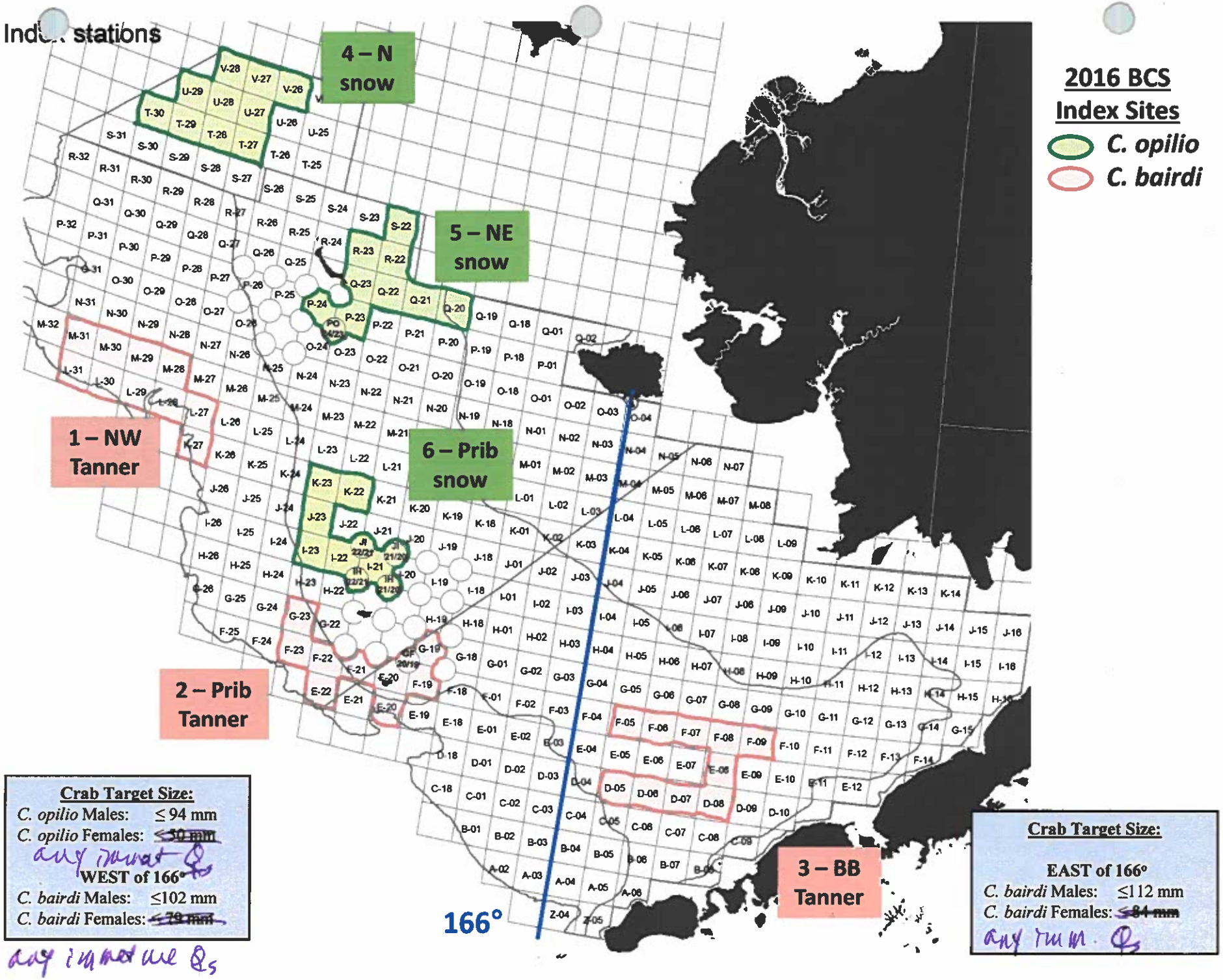
Index stations
4 – N snow
5 – NE snow
6 – Prib snow
1 – NW Tanner
2 – Prib Tanner
3 – BB Tanner
166°
2016 BCS Index Sites
C. opilio
C. bairdi
Crab Target Size:
C. opilio Males: ≤ 94 mm
C. opilio Females: ~~≤ 90 mm~~
any mature Qs
WEST of 166°
C. bairdi Males: ≤102 mm
C. bairdi Females: ~~≤ 79 mm~~
any immature Qs
Crab Target Size:
EAST of 166°
C. bairdi Males: ≤112 mm
C. bairdi Females: ~~≤ 84 mm~~
any mature Qs

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

CO #50 894

Plate Number: 30 Vessel: 721

Collected By: PCJ Leg: EBS 1

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	61	CB	2	63.5	2	0.00	N	N
B 1	61	"	"	33.3	2	0.00	N	N
C 1	61	"	"	29.7	2	0.00	N	N
D 1	61		1	87.0	3	14.7		N
E 1	61		1	112.4	2	21.8		N
F 1	61		1	105.8	3	22.8		N
G 1	61		1	108.5	3	24.2		N
H 1	"		1	92.3	3	21.0		N
Column 2								
A 2			1	97.1	3	19.1		N
B 2			1	111.5	3	23.9		N
C 2			1	105.7	3	22.1		N
D 2		"	1	92.7	3	17.9		N
E 2			1	69.9	3	10.80		N
F 2		"	1	110.9	3	17.8		N
G 2			1	89.9	3	17.4		N
H 2	"	"	1	111.5	3	23.2		N
Column 3								
A 3			1	96.7	3	14.8		N
B 3			1	91.8	4	13.0		N
C 3			1	110.1	3	23.7		N
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	"	"	1	111.6	3	—		N
F 3			1	102.8	3	21.4		N
G 3	"	"	1	103.8	3	20.1		N
H 3			1	89.0	3	16.7		N
Column 4								
A 4	"	"	1	94.6	3	17.0		N
B 4	65	CB	1	111.6	3	25.5		N
C 4	65	CB	1	55.6	2	6.66		N
D 4	65	CB	1	47.0	2	5.9		N
E 4	65	CB	1	93.8	2	16.1		N
F 4	66	CB	1	107.0	3	22.8		N
G 4	66	CB	1	103.9	3	16.3		N
H 4	66	CB	1	109.4	3	25.3		N
Column 5								
A 5	66	CB	1	108.4	2	23.3		N
B 5	101	CB	1	92	2	16.4		N
C 5	101	CB	1	94.04	2	10.23		N
D 5	101	CB	1	99.01	2	16.88		N
E 5	101	CB	1	78	2	9.5		N
~~F 5~~	~~101~~	~~CB~~	~~1~~	~~89.11~~	~~2~~	~~15.38~~		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	101	CB	1	92.91	2	14.55		N
Column 6								
A 6			1	88.8	2	—		
B 6			1	72.4	2	8.8		
C 6			1	80.93	2	10.24		N
D 6			1	95.4	2	17.5		
E 6			1	77.60	2	11.0		N
F 6			1	99.4	3	—		
G 6			1	86.85	2	13.41		N
H 6			1	85.7	2	12.5		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	101	CB	1	101.0	3	18.44		N
B 7			2	80.0	2			
C 7			1	80.8	2	11.24		
D 7	101		1	75.0	2	10.1		
E 7	100	CO	1	58.5	2	10.22		N
F 7			1	89.7	2	22.7		N
G 7			1	83.3	2	20.0		N
H 7			1	70.94	2	17.52		N
Column 8								
A 8			2	55.94	2	—		?
B 8			1	78.9	2	14.9		N
C 8			1	52.78	2	8.98		N
D 8			1	78.1	2	18.3		
E 8			1	55.76	2	9.07		N
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			1	73.9	2	13.5		
H 8			1	66.60	2	11.91		
Column 9								
A 9			1	73.10	2	15.65		N
B 9			1	55.3	2	9.00		N
C 9			1	83.9	2	21.9		N
D 9			2	57.8	2			
E 9			1	74.97	2	12.83		N
F 9			1	66.2	2	10.8		N
G 9			2	56.95	2	—		N
H 9			1	61.16	2	10.31		
Column 10								
A 10			1	66.4	2	13.3		N
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			1	60.15	2	10.3		N
D 10			1	50.3	2	8.7		N
E 10			1	59.9	2	10.24		N
F 10			1	53.91	2	9.09		N
G 10			1	96.1	2	16.2		N
H 10			1	53.8	2	11.7		N
Column 11								
A 11			1	66.2	2	14.6		N
B 11			1	50.98	2	8.38		N
C 11			1	60.2	2	10.4		N
D 11			1	42.2	2	5.87		N
E 11	100	CO	1	53.4	2	10.2		N
F 11	110	CO	1	85.2	2	20.6		N
G 11			1	78.0	2	17.4		N
H 11			1	59.98	2	11.96		N
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	110	CO	1	71.53	2	16.1		N
C 12	110	CO	1	82.9	2	19.5		N
D 12	110	CO	1	75.11	3	17.4		N
E 12	113	CO	1	77.55	2	11.03		N
F 12	113	CO	2	103.38	2			N
G 12	113	"	1	70.78	1	10.33		N
H 12	113	"	1	43.6	2	—		N

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

C1 .1 ml blood
A2 in H1 also
E3 - no claws

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 CB = C. bairdi (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 2 & 4)	P = Visually Positive N = Visually Negative

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

♂ 102
♀ 79

Plate Number: 31 Vessel: 94

Collected By: LCC/IVK Leg: 2

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	113	Cb	1	84.3	2	10.9		N
B 1	113	Cb	1	59.93	2	8.00		N
C 1	113	Cb	1	79.72	2	14.68		N
D 1	113	Cb	1	59.79	2	7.49		N
E 1	113	Cb	2	63.06	2			N
F 1	113	Cb	2	61.42	2			N
G 1	113	Cb	2	48.41	2			N
H 1	113	Cb	1	55.11	2	6.73		N
Column 2								
A 2	113	Cb	1	52.33	2	6.25		N
B 2	113	Cb	2	61.76	2			N
C 2	113	Cb	2	50.40	2			N
D 2	113	Cb	2	56.27	2			N
E 2	113	Cb	1	98.31	2	5.97		N
F 2	113	Cb	2	41.79	2			N
G 2	113	Cb	2	42.15	2			N
H 2	113	Cb	2	47.22	2			N
Column 3								
A 3	113	Cb	1	44.28	2	5.36		N
B 3	113	Cb	2	57.34	2			N
C 3	113	Cb	1	90.30	2	4.41		N
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	113	Cb	2	52.44	2			N
F 3	113	Cb	1	46.12	2	5.38		N
G 3	113	Cb	2	43.84	2			N
H 3	113	Cb	1	46.35	2	5.76		N
Column 4								
A 4	113	Cb	2	59.14	2			N
B 4	113	Cb	1	42.01	2	5.07		N
C 4	113	Cb	2	61.69	2			N
D 4	113	Cb	1	41.39	2	4.63		N
E 4	120	Cb	1	91.0	3	15.6		N
F 4	120	Cb	1	72.4	3	11.5		N
G 4	120	Cb	1	62.8	2	8.3		N
H 4	122	Cb	2	77.1	2	—		N
Column 5								
A 5	122	Cb	1	53.1	2	6.2		N
B 5			2	62.5	2	—		N
C 5			1	91.2	2	12.8		N
D 5			1	76.8	2	10.2		N
E 5			1	77.5	2	10.6		N
F 5			1	96.1	2	13.1		N
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	60.2	2	—		N
Column 6								
A 6			1	55.8	2	7.1		N
B 6			2	74.3	2	—		N
C 6			1	79.6	2	13.6		N
D 6			1	77.9	2	10.7		N
E 6			1	74.1	2	10.1		N
F 6			1	89.8	2	13.1		N
G 6			1	46.6	2	5.6		N
H 6	122	Cb	1	92.3	2	12.9		N

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	122	Cb	1	93.0	3	14.1		N
B 7	122	Cb	1	80.3	2	11.2		N
C 7	122	Cb	1	90.7	2	10.2		N
D 7								
E 7								
F 7								
G 7								
H 7								
Column 8								
A 8								
B 8								
C 8								
D 8								
E 8								
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8								
H 8								
Column 9								
A 9								
B 9								
C 9								
D 9								
E 9								
F 9								
G 9								
H 9								
Column 10								
A 10								
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10								
D 10								
E 10								
F 10								
G 10								
H 10								
Column 11								
A 11								
B 11								
C 11								
D 11								
E 11								
F 11								
G 11								
H 11								
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12								
C 12								
D 12								
E 12								
F 12								
G 12								
H 12								

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

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

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

KEYS:

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: 32 Vessel: Vesteraalen

Collected By: DH/MK Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	127	C.O.	2	35.3	2	000		N
B 1	127	CO	2	29.3	2	000		N
C 1	127	CO	2	29.8	2	000		N
D 1	127	CO	2	30.9	2	000		N
E 1	127	CO	2	27.0	2	000		N
F 1	127	CO	1	69.5	3	14.6		N
G 1	127	CO	1	68.4	3	15.6		N
H 1	127	CO	1	85.5	3	20.7		N
Column 2								
A 2	127	CO	2	30.0	2	000		N
B 2	135	CO	1	73.6	2	11.5		N
C 2	135	CO	1	68.4	2	12.0		N
D 2	135	CO	1	50.4	2	7.9		P
E 2	135	CO	1	46.2	2	000		P
F 2	135	CO	2	45.7	2	000		P
G 2	136	CO	1	51.2	2	8.6		N
H 2	136	CO	1	61.7	2	13.0		N
Column 3								
A 3	136	CO	1	56.7	2	12.3		N
B 3	136	CO	1	59.7	2	9.8		N
C 3	136	CO	1	53.2	2	9.6		N
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	136	CO	1	50.4	2	7.9		P
F 3	136	CO	1	49.2	2	10.8		N
G 3	136	CO	1	74.9	2	13.7		N
H 3	136	CO	1	53.9	2	9.0		N
Column 4								
A 4	136	CO	1	50.3	2	8.3		N
B 4	136	CO	1	61.5	2	14.0		N
C 4	136	CO	1	51.4	2	9.4		N
D 4	136	CO	1	48.0	2	8.1		N
E 4	136	CO	1	62.7	2	9.8		P
F 4	136	CO	1	63.4	2	15.3		N
G 4	138	CO	1	79.9	2	17.4		N
H 4	138	CO	2	32.0	2	000		N
Column 5								
A 5	138	CO	1	42.5	2	6.1		N
B 5	138	CO	1	70.4	3	11.8		N
C 5	138	CO	1	59.4	2	9.7		N
D 5	138	CO	1	82.7	2	19.3		N
E 5	138	CO	1	65.7	2	13.7		N
F 5	138	CO	1	74.7	2	17.6		N
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	138	CO	1	66.7	3	13.5		N
Column 6								
A 6	138	CO	1	65.8	2	13.6		N
B 6	139	CO	1	89.1	3	22.4		N
C 6	139	CO	1	77.9	3	17.4		N
D 6	139	CO	1	74.8	3	16.8		N
E 6	139	CO	2	51.3	2	000		N
F 6	139	CO	1	83.9	2	15.0		N
G 6	139	CO	1	66.2	2	13.1		N
H 6	139	CO	1	79.2	2	17.2		N

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	139	CO	1	87.9	2	19.6		N
B 7	139	CO	1	71.1	2	13.3		N
C 7	139	CO	1	60.3	2	13.3		N
D 7	139	CO	1	59.7	3	9.1		N
E 7	139	CO	1	69.1	2	11.9		N
F 7	139	CO	2	50.6	2	000		N
G 7	139	CO	2	52.8	2	000		P
H 7	139	CO	1	70.9	3	12.9		N
Column 8								
A 8	139	CO	2	55.2	2	000		N
B 8	139	CO	2	46.7	2	000		N
C 8	173	CB	2	44.1	2	000		N
D 8	173	CB	1	44.6	2	5.7		N
E 8	173	CB	2	40.9	2	000		N
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8	173	CB	1	58.3	2	7.8		N
H 8	173	CB	2	45.3	2	000		N
Column 9								
A 9	173	CB	2	57.0	2	000		N
B 9	173	CB	2	51.8	2	000		N
C 9	173	CB	1	45.2	2	5.8		N
D 9	173	CB	1	64.9	2	8.5		N
E 9	173	CB	2	47.8	2	000		N
F 9	173	CB	1	60.7	2	7.6		N
G 9	173	CB	1	57.7	2	7.3		N
H 9	173	CB	2	57.4	2	000		N
Column 10								
A 10	173	CB	2	46.2	2	000		N
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10	173	CB	1	65.0	2	8.6		N
D 10	173	CB	1	66.1	2	8.8		N
E 10	173	CB	1	50.4	2	6.0		N
F 10	173	CB	1	57.1	2	000		N
G 10	173	CB	1	51.0	2	6.5		N
H 10	173	CB	1	42.3	2	5.9		N
Column 11								
A 11								
B 11								
C 11								
D 11								
E 11								
F 11								
G 11								
H 11								
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12								
C 12								
D 12								
E 12								
F 12								
G 12								
H 12								

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

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(or write out "opilio "; "bairdi")

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Carapace Width in mm (tenths)

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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: 41 Vessel: Alaska Knight

Collected By: Armistead/Batema. Benjamin/Heidenreich Leg: 1/2/3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A1	57	CB	1	79.9	4	12.8		
B1				78.8	4	14.2		
C1				57.5	2	6.9		
D1				88.9	3	17.1		
E1	↓			79.4	3	14.8		
F1	57			75.0	4	12.4		
G1	61			93.9	4	N/A		
H1	61	↓	↓	86.3	4	N/A		
Column 2								
A2	61	CB	2	47.0	2	000		
B2	61	CB	1	91.3	4	16.3		
C2	61	CB	1	82.0	3	13.4		
D2	62	CB	1	40.3	2	—		
E2	62	CB	1	82.9	4	14.1		
F2	62	CB	1	87.3	4	12.5		
G2	97	CB	1	93.1	3	17.2		
H2	97	↓	1	101.2	3	19.5		
Column 3								
A3	97		1	96.4	3	N/A		
B3	99		1	98.6	3	N/A		
C3	99	↓	1	96.7	4	17.4		
D3	DO NOT TAKE SAMPLE - CONTROL WELL							
E3	99	CB	1	91.6	4	18.6		
F3	106	CO	1	55.1	3	11.4		
G3	107	CO	1	57.9	4	12.5		
H3	↓	↓	1	73.9	3	N/A		
Column 4								
A4	107	CO	1	75.2	2	16.3		
B4	109	CB	1	99.2	3	17.2		
C4	↓	↓	1	95.1	3	16.1		
D4			1	86.6	2	12.4		
E4			1	90.6	3	16.8		
F4			1	95.3	2	14.2		
G4			1	79.8	3	13.8		
H4			1	96.8	2	14.0		
Column 5								
A5	109	CB	1	84.9	2	12.1		
B5	↓	↓	1	77.3	2	10.5		
C5			1	81.5	2	10.5		
D5			1	88.2	2	13.0		
E5			1	71.8	2	8.9		
F5			1	82.2	2	11.9		
G5	DO NOT TAKE SAMPLE - CONTROL WELL							
H5	109	CB	1	73.3	2	9.9		
Column 6								
A6	109	CB	1	77.7	2	10.6		
B6	↓	↓	1	81.6	2	10.8		
C6			1	87.9	2	12.7		
D6			1	82.7	2	11.4		
E6			1	75.7	2	11.0		
F6			1	79.3	2	11.3		
G6			2	63.6	2	000		
H6	↓	↓	1	55.9	2	7.2		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A7	109	CB	2	54.2	2	000		
B7	121	CO	2	51.7	2	000		
C7	121	CO	2	49.0	2	000		
D7	132	CO	1	67.3	3	14.3		
E7	↓	↓	↓	69.9	2			
F7				77.3	2			
G7				59.7	2	13.1		
H7	↓	↓	↓	75.5	3	17.8		
Column 8								
A8	132	CO	1	81.2	2	19.8		
B8	↓	↓	1	79.	2			
C8	~~VIALS~~			~~UNREADABLE~~				
D8	132	CO	1	76.6	2	8.		
E8	↓	↓	1	72.1	3	17		
F8	DO NOT TAKE SAMPLE - CONTROL WELL							
Column 9								
G8	132	CO	1	71.1	3			
H8	132	CO	1	64.1	3	12.3		
A9	132	CO	1	64.0	2	13.8		
B9	132	CO	1	87.0	2	21.7		
C9	135	CO	2	53.6	2	000		
D9	↓	↓	2	54.7	2	000		
E9				55.5	2	000		
F9				56.0	2	000		
G9				55.3	2	000		
H9		↓		57.6	2	000		
Column 10								
A10	↓	CO	↓	45.1	2	000		
B10	DO NOT TAKE SAMPLE - CONTROL WELL							
C10	135	CO	2	52.9	2	000		
D10	↓	↓	↓	51.6	2	000		
E10				53.8	2	000		
F10				61.4	2	000		
G10				56.7	2	000		
H10	↓	↓	↓	54.7	2	000		
Column 11								
A11	135	CO	2	56.7	2	000		
B11	↓	↓	↓	56.8	2	000		
C11				54.3	2	000		
D11				48.3	2	000		
E11				55.2	2	000		
F11				51.5	2	000		
G11				47.1	2	000		
H11	↓	↓	↓	57.4	2	000		
Column 12								
A12	DO NOT TAKE SAMPLE - CONTROL WELL							
B12	135	CO	2	51.0	2	000		
C12	↓	↓	↓	58.0	2	000		
D12				51.0	2	000		
E12				57.5	2	000		
F12				53.3	2	000		
G12				54.2	2	000		
H12	↓	↓	↓	56.0	2	000		

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

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

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

KEYS:

Spp (species):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio CB = C. bairdi (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 2 & 4)	P = Visually Positive N = Visually Negative

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

Plate Number: 42 Vessel: 162 Alaska Knight

Collected By: Benjamin/Heidenreich Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	135	Co	2	52.8	2	000		
B 1				56.3				
C 1				53.8				
D 1				54.1				
E 1				49.7				
F 1				55.5				
G 1				52.9				
H 1				55.4				
Column 2								
A 2				55.1				
B 2				51.9				
C 2				53.9				
D 2				57.4				
E 2				54.9				
F 2				52.8				
G 2				57.4				
H 2				51.6				
Column 3								
A 3				53.6				
B 3				46.9				
C 3				52.4				
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				55.7				
F 3				52.5				
G 3				52.9				
H 3			↓	47.6		↓		
Column 4								
A 4				53.4				
B 4			2	54.1		000		
C 4			1	54.3		12.9		
D 4				66.9		14.8		
E 4				70.3		15.7		
F 4				63.5		11.0		
G 4				53.7		9.2		
H 4				76.0		16.4		
Column 5								
A 5				56.2		11.7		
B 5				58.6		10.2		
C 5				57.6		12.2		
D 5				60.6		10.9		
E 5				63.1		10.8		
F 5				69.7		14.8		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5				58.8	1	9.8		
Column 6								
A 6				55.2		8.9		
B 6				49.6		9.8		
C 6				54.2		9.2		
D 6				56.7		11.9		
E 6				51.5	↓	9.7		
F 6				51.7	2	10.1		
G 6	↓	↓	↓	55.1	3	11.8		
H 6	135	Co	1	60.2	3	13.2		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	135	Co	1	67.2	3	16.0		
B 7				64.0		13.2		
C 7				77.5		17.2		
D 7				77.6		17.2		
E 7				69.0		15.2		
F 7				71.6		16.4		
G 7				70.3		15.7		
H 7				56.6		12.1		
Column 8								
A 8				64.1		15.0		
B 8				65.3		14.0		
C 8				61.0		14.5		
D 8				66.4		15.7		
E 8				55.0		12.4		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				56.7		10.8		
H 8				59.2		12.8		
Column 9								
A 9				72.4		16.1		
B 9				55.4		N/A		
C 9				57.5		12.4		
D 9				75.6		15.4		
E 9				53.6		11.4		
F 9				55.8	↓	11.5		
G 9				56.4	3	11.5		
H 9				65.8	4	12.7		
Column 10								
A 10				75.3		16.9		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10				62.8		12.9		
D 10				63.1		14.5		
E 10				79.3		18.1		
F 10				58.5		13.6		
G 10				63.5	↓	13.2		
H 10	↓	↓	↓	70.7	4	16.4		
Column 11								
A 11	135	Co		59.1	5	13.7		
B 11	141	Co	1	58.5	2	11.5		
C 11				61.6		13.4		
D 11				52.2		7.8		BCS
E 11				43.1		7.7		
F 11				46.4		7.5		
G 11			↓	40.8	↓	6.6		
H 11			2	48.7	2	000		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12				59.6		000		
C 12				46.6		000		
D 12				54.5		000		
E 12				46.6		000		
F 12				53.5		000		
G 12	↓	↓	↓	46.4		000		
H 12	141	Co	2	51.9	↓	000		

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

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

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

KEYS:

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: 43 Vessel: 162

Collected By: BENJAMIN/HEIDENREICH Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	142	CO	1	71.7	2	12.8		
B 1				76.5		13.9		
C 1				86.5		19.3		
D 1				75.4		16.9		
E 1				71.2		—		
F 1				75.0		14.1		
G 1				78.5		16.9		
H 1				75.4		17.4		
Column 2								
A 2				73.6	2	15.8		
B 2			1	66.7	3	11.9		
C 2			2	53.5	2	000		
D 2			2	54.1	2	000		
E 2			2	48.7	2	000		P
F 2			1	54.2	2	8.8		
G 2			2	46.2	2	000		
H 2			2	45.7	2	000		
Column 3								
A 3			1	71.0	2	12.1		
B 3			2	49.0	2	000		
C 3			2	48.9	2	000		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			2	42.9	2	000		
F 3			2	47.6	2	000		
G 3			2	48.4	2	000		
H 3			1	69.2	3	14.9		
Column 4								
A 4			2	50.3	2	000		
B 4			2	45.9	2	000		
C 4			2	47.4	2	000		
D 4			1	43.1	2	7.6		
E 4			2	57.4	2	000		+
F 4			2	49.0	2	000		
G 4			2	45.2	2	000		
H 4			2	44.6	2	000		
Column 5								
A 5			1	85.6	2	15.2		
B 5			2	56.7	2	000		
C 5			1	56.0	2	13.1		
D 5			2	50.6	2	000		
E 5			2	48.1	2	000		
F 5			2	48.8	2	000		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	46.5	2	000		
Column 6								
A 6			2	48.8	2	000		
B 6			2	44.7	2	000		
C 6			2	50.7	2	000		
D 6			2	46.2	2	000		
E 6			2	49.5	2	000		
F 6	142	CO	2	50.3	2	000		
G 6	143	CO	2	49.8	2	000		
H 6	143	CO	2	47.7	2	000		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	143	CO	2	45.1	2	000		
B 7			2	46.8	2	000		
C 7			2	47.7	2	000		
D 7			1	69.4	2	16.0		
E 7				62.8		13.8		
F 7				51.7		9.2		
G 7				54.3		9.5		
H 7				58.0		10.7		
Column 8								
A 8				57.0		9.7		
B 8				51.0		10.9		
C 8				54.6		11.7		
D 8				52.1		10.0		
E 8				53.1		10.1		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8				52.7		10.5		
H 8				51.0		10.7		
Column 9								
A 9				46.6		7.3		
B 9				53.8		12.1		
C 9	143	CO	1	47.0	2	8.2		
D 9	144	CO	1	48.8	2	8.2		
E 9			1	51.8		8.9		
F 9			2	53.7		000		
G 9			1	48.3		7.8		
H 9			1	50.5		7.3		
Column 10								
A 10			1	49.3	3	10.3		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			2	55.0	2	000		
D 10			1	46.7		6.2		
E 10			1	49.3		8.2		
F 10			1	47.8		7.7		
G 10			2	53.8		000		
H 10			2	44.7		000		
Column 11								
A 11			1	44.3		7.7		
B 11			1	48.8		7.9		
C 11			1	51.4		9.0		
D 11			1	50.1		8.5		
E 11	144	CO	1	47.1		8.6		
F 11	146	CO	2	48.1	2	000		
G 11	144	CO	1	57.8	2	13.1		
H 11	146	CO	1	55.4	2	9.0		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12	146	CO	1	52.0	2	9.0		
C 12	146	CO	1	50.3	2	7.7		
D 12	146	CO	2	49.0	2	000		
E 12	144	CO	1	52.7	2	9.5		+
F 12	144	CO	1	55.6	2	11.8		
G 12	146	CO	1	51.1	2	9.0		
H 12	146	CO	1	43.2	2	8.7		

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

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

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

KEYS:

Spp (species):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio CB = C. bairdi (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 2 & 4)	P = Visually Positive N = Visually Negative

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

Plate Number: 44 Vessel: 162

Collected By: Benjamin/Heidenreich/Long Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	146	CO	1	52.6	2	8.4		
B 1			1	47.6		8.1		
C 1			1	63.0		11.5		+
D 1			2	49.8		000		
E 1			1	52.0		8.7		
F 1			2	48.3		000		
G 1			2	49.4		000		
H 1			2	50.2		000		+
Column 2								
A 2			2	53.1		000		
B 2			1	48.1		7.3		
C 2			1	47.5		7.8		
D 2			2	48.0		000		
E 2	146	CO	1	53.0	✓	8.4		
F 2	153	CO	1	54.9	2	11.9		
G 2			1	46.6	2	7.4		
H 2			1	44.3	2	6.8		
Column 3								
A 3			2	45.4	2	000		
B 3			2	43.7	2	000		+
C 3			1	40.5	2	6.3		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			1	45.0	2	7.9		
F 3			1	54.4	2	10.0		
G 3			2	45.1	2	000		
H 3			1	44.8	2	7.0		
Column 4								
A 4			2	45.9	2	000		
B 4			1	47.5	2	8.0		
C 4			1	45.1	2	6.8		
D 4			2	45.2	2	000		
E 4			1	41.5	2	7.0		
F 4			1	49.0	2	7.9		
G 4			1	48.3	2	7.4		
H 4			1	46.3	2	8.0		
Column 5								
A 5			2	44.4	2	000		
B 5			1	47.8	2	7.7		
C 5			1	43.7	2	7.1		
D 5			2	41.9	2	000		
E 5			2	42.8	2	000		
F 5			2	44.9	2	000		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	41.7	2	000		
Column 6								
A 6			1	50.4	2	8.6		
B 6			2	41.3	2	000		
C 6			2	41.2	2	000		
D 6	153	Co	2	44.4	2	000		
E 6	156	CO	1	73.0	3	17.0		
F 6	↓	↓	1	83.6	2	18.1		
G 6	↓	↓	1	52.4	2	8.5		
H 6	156	Co	1	45.0	2	13.0		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	156	CO	1	70.0	2	13.2		
B 7			1	65.3	2	11.8		
C 7			1	61.8	2	11.0		
D 7			1	78.0	2	N/A		
E 7			1	53.6	2	8.2		
F 7			1	63.5	2	11.0		
G 7			1	64.0	2	10.5		
H 7			1	55.8	2	9.3		
Column 8								
A 8			1	51.2	2	8.2		
B 8			1	61.4	2	11.0		
C 8			1	47.5	2	8.2		
D 8	156	CO	1	45.3	2	7.2		
E 8	158	CO	2	47.3	2	000		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			2	49.0	2	000		+
H 8			1	45.0	2	7.1		
Column 9								
A 9			1	49.4	2	8.1		
B 9			2	48.6	2	000		
C 9			2	44.7	2	000		
D 9			2	48.1	2	000		
E 9			2	43.2	2	000		
F 9			2	43.6	2	000		
G 9			1	44.5	2	7.5		
H 9			2	45.8	2	000		
Column 10								
A 10			2	42.3	2	000		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			1	51.3	2	9.0		
D 10			2	48.1	2	000		
E 10			2	45.3	2	000		
F 10			2	47.0	2	000		
G 10			2	45.9	2	000		
H 10			1	45.4	2	7.2		
Column 11								
A 11			1	49.9	2	8.8		
B 11			2	44.6	2	000		
C 11			2	43.9	2	000		
D 11			2	46.9	2	000		
E 11			2	49.2	2	000		
F 11			1	43.7	2	7.2		
G 11			1	45.1	2	7.5		
H 11			2	44.4	2	000		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			2	44.0	2	000		
C 12			1	43.0	2	6.8		
D 12			1	51.4	2	8.5		
E 12			2	45.9	2	000		
F 12			1	51.7	2	9.0		
G 12	↓	↓	2	51.4	2	000		
H 12	158	CO	2	47.2	2	000		

fault 156

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

EG 0.1ml

CII 0.1ml

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

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

KEYS:

Spp (species):
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: 45 Vessel: 162

Collected By: Benjamin/Heidenreich Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	157	CO	1	72.9	3	13.5		
B 1			1	72.2	3	15.1		
C 1			1	65.6	2	12.0		
D 1			1	60.9	2	10.7		
E 1			1	55.2	2	9.4		
F 1			1	57.4	2	9.9		
G 1			2	48.8	2	000		
H 1			2	53.0	2	000		
Column 2								
A 2			1	47.3	2	8.5		
B 2			1	54.8	2	9.3		
C 2			2	50.6	2			
D 2			2	45.8	2			
E 2			1	49.9	2	7.7		
F 2			1	52.7	2	8.6		
G 2			2	50.2	2			
H 2			1	50.7	2	8.7		
Column 3								
A 3			1	52.2	2	8.9		
B 3			1	56.6	2	9.8		
C 3			1	56.2	2	9.1		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3			2	52.4	2			
F 3			2	51.7	2			
G 3			2	45.4	2			
H 3			1	56.5	2	9.0		
Column 4								
A 4			1	54.5	2	9.7		
B 4			1	55.3	2	9.4		
C 4			2	47.1	2			
D 4			2	45.4	2			
E 4			1	52.9	2	8.6		
F 4			2	45.0	2			
G 4			2	47.2	2			+
H 4			1	56.5	2	11.3		
Column 5								
A 5			2	52.6	2			
B 5			1	54.0	2	9.3		
C 5			1	58.7	2	10.0		
D 5			2	53.6	2			+
E 5			2	50.0	2			
F 5			1	52.0	2	8.1		+
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5			2	51.0	2			
Column 6								
A 6			1	53.0	2	8.6		
B 6			2	51.8	2			
C 6			2	47.0	2			
D 6			2	50.4	2			
E 6			2	47.3	2			
F 6			2	50.6	2			
G 6	157	Co	2	50.0	2			
H 6	164	CO	1	46.5	2	7.8		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	164	CO	1	72.8	2	12.5		
B 7			1	69.6	2	15.7		
C 7			1	57.4	2	10.3		
D 7			1	51.0	2	9.0		
E 7			1	57.6	2	13.1		
F 7			1	50.6	2	8.4		
G 7			1	54.3	3	11.4		
H 7			1	51.2	2	9.0		
Column 8								
A 8			2	50.8	2			
B 8			2	42.5	2			
C 8			1	61.7	2	11.3		
D 8			1	50.9	2	N/A		
E 8			1	55.3	2	13.1		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			1	51.7	2	8.8		
H 8			2	49.0	2			
Column 9								
A 9			1	57.9	2	12.2		
B 9			1	58.4	2	9.9		
C 9			2	51.3	2			
D 9			1	65.5	2	15.4		
E 9			1	53.8	2	8.6		
F 9			1	50.9	2	8.2		
G 9			1	79.8	2	14.6		
H 9			1	53.0	2	8.4		
Column 10								
A 10			1	57.9	2	9.6		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			1	69.5	2	13.9		
D 10			1	61.5	2	10.4		
E 10			1	64.0	2	11.2		+
F 10			1	55.7	2	9.1		
G 10			1	70.1	2	14.8		
H 10			1	66.4	2	10.2		
Column 11								
A 11			1	51.2	2	8.1		
B 11			1	47.6	2	7.2		
C 11			1	63.6	2	10.8		
D 11			1	48.3	2	8.3		
E 11			1	54.3	2	9.2		
F 11			1	53.6	2	8.4		+
G 11	164	Co	1	51.7	2	7.4		
H 11	165	CO	1	87.5	2	17.8		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			1	88.0	2	19.4		
C 12			1	76.6	2	16.7		
D 12			1	76.8	2	18.3		
E 12			1	86.3	2	19.5		
F 12			1	81.1	2	13.7		
G 12			1	75.0	2	13.1		
H 12	165	Co	1	66.4	2	11.4		

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

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

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

KEYS:

Spp (species):	Sex:	Size:	Shell Condition:	Bio (Biometrics):	Mat (maturity):	BCS+:
CO = C. opilio CB = C. bairdi (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 √ = Mature crab (indicate when sampling in sites 2 & 4)	P = Visually Positive N = Visually Negative

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

Plate Number: 46 Vessel: 162

Collected By: Benjamin / Heidenreich Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	165	CO	2	67.7	1	11.9		
B 1	166	CO	1	81.2	2	14.0		
C 1			1	70.0	2	13.3		
D 1			1	69.3	2	12.9		
E 1			2	57.9	2	000		
F 1				54.2				
G 1				53.9				
H 1				61.6				
Column 2								
A 2				56.0				
B 2				52.6				
C 2				58.6				
D 2				58.4				
E 2				54.2				
F 2				56.9				
G 2				56.5				
H 2				52.6				
Column 3								
A 3				56.5				
B 3				54.9				
C 3				46.9				
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3				53.6				P
F 3				45.4				
G 3				44.0				
H 3				45.4				
Column 4								
A 4				42.6				
B 4				45.0				
C 4				39.8		↓		
D 4			2	43.3		000		
E 4			1	43.5		6.9		
F 4			↓	45.0		7.1		
G 4	↓	↓	↓	39.6	↓	6.0		
H 4	166	CO	1	43.5	2	6.9		
Column 5								
A 5	182	CB	1	75.6	2	11.2		
B 5	183	↓	↓	72.2	↓	11.5		
C 5	↓	↓	↓	75.8	↓	12.8		
D 5	↓	↓	↓	53.8	↓	7.3		P
E 5	183	CB	1	45.3	2	5.4		
F 5	185	CB	2	60.2	2	000		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	↓	↓	1	71.5	2	12.5		+
Column 6								
A 6			1	77.9	2	12.6		
B 6			1	64.8	2	8.4		
C 6			1	37.4	2	N/A		
D 6			2	24.6	2	000		
E 6			1	41.2	2	5.0		
F 6			2	20.4	2	000		
G 6	185	↓	2	24.3	2	000		
H 6	186	CB	1	29.3	2	3.8		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	186	CB	1	25.7	2	3.4		
B 7	↓	↓	2	28.3	2	000		
C 7	↓	↓	1	23.5	2	2.8		
D 7	↓	↓	2	26.1	2	000		
E 7	186	↓	2	27.2	2	000		
F 7	187	CB	1	94.6	2	17.1		
G 7			1	71.0	2	12.6		
H 7			1	95.6	3	18.3		
Column 8								
A 8			1	96.6	3	18.5		
B 8			1	99.4	3	17.7		
C 8			1	98.8	3	16.6		
D 8			1	96.4	3	17.3		
E 8			1	100.1	3	19.2		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			1	97.2	3	17.7		
H 8			1	94.2	3	16.6		
Column 9								
A 9			1	96.9	3	18.4		
B 9			1	93.7	3	16.9		
C 9			1	89.6	3	16.0		
D 9			1	85.8	3	14.4		
E 9			1	78.1	2	3.2		
F 9			1	95.6	3	16.7		
G 9			1	98.1	3	18.3		
H 9			1	94.8	3	18.3		
Column 10								
A 10			1	100.0	3	N/A		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			1	95.9	3	17.2		
D 10			1	98.7	3	19.8		
E 10			1	92.4	3	17.2		
F 10			1	93.1	3	16.7		
G 10			1	99.1	3	18.4		
H 10			1	83.1	3	16.0		
Column 11								
A 11			1	100.1	3	20.1		
B 11			2	41.8	2	000		
C 11			1	96.9	2	18.9		
D 11			1	91.1	3	14.4		
E 11			1	88.1	2	15.2		
F 11			1	98.9	3	16.7		
G 11			1	93.8	3	16.5		
H 11			1	93.7	3	16.8		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			1	100.6	3	18.9		
C 12			1	82.5	3	13.0		
D 12			1	97.5	2	17.6		
E 12			1	94.7	2	16.5		
F 12			1	96.2	3	16.8		
G 12	↓	↓	1	92.7	3	16.1		
H 12	187	CB	1	91.2	3	16.0		

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

H5 Ø.1

F6 Ø.1

C7 Ø.1

D7 Ø.1

B11 Ø.15

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: 47 Vessel: 162

Collected By: Benjamin/Heidenreich/Long Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 1								
A 1	187	CB	1	47.8	2	5.9		
B 1			1	28.7	2	3.8		
C 1			2	28.5	2	ØØØ		
D 1			2	32.4	2	ØØØ		
E 1			1	27.5	2	3.6		
F 1			2	23.5	2	ØØØ		
G 1			1	101.7	3	18.9		
H 1			1	96.4	3	16.7		
Column 2								
A 2			1	100.4	3	18.8		
B 2			1	72.9	3	14.7		
C 2			1	97.8	3	18.0		
D 2			1	93.2	3	16.7		
E 2			1	75.4	3	12.0		
F 2			1	92.5	3	16.8		
G 2			1	93.9	3	17.6		
H 2			1	91.1	2	17.4		
Column 3								
A 3			1	97.5	3	17.5		
B 3			1	98.7	2	18.7		
C 3			1	93.6	3	16.7		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3	↓	↓	1	95.8	3	17.5		
F 3	187	↓	1	97.8	2	18.4		
G 3	188	CB	1	101.9	3	19.4		
H 3			2	46.3	2	ØØØ		
Column 4								
A 4			1	26.8	2	3.3		
B 4			1	26.1	2	3.2		
C 4			2	26.6	2	ØØØ		
D 4			2	25.5	2	ØØØ		
E 4			1	24.5	2	2.9		
F 4			2	25.9	2	ØØØ		
G 4			2	29.0	2	ØØØ		
H 4			2	25.1	2	ØØØ		
Column 5								
A 5			1	26.5	2	3.3		
B 5			2	18.6	2	ØØØ		
C 5			1	24.3	2	2.8		
D 5			2	26.4	2	ØØØ		
E 5	↓	↓	2	25.8	2	ØØØ		
F 5	188	CB	1	22.0	2	2.7		
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5	189	CB	1	59.7	2	8.0		
Column 6								
A 6			1	67.8	2	9.1		
B 6			1	83.3	3	12.4		
C 6			1	50.1	2	6.5		
D 6			1	45.1	2	5.6		
E 6			2	50.0	2	ØØØ		
F 6			1	42.4	2	5.3		
G 6	↓	↓	2	35.2	2	ØØØ		+
H 6	189	↓	2	47.0	2	ØØØ		

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
Column 7								
A 7	189	CB	2	44.8	2	ØØØ		
B 7			1	33.3	2	4.1		
C 7			2	38.1	2	ØØØ		
D 7			2	32.3	2	ØØØ		+
E 7			1	43.0	2	4.9		
F 7			1	37.6	2	4.8		
G 7			1	40.3	2	4.9		
H 7			2	40.2	2	ØØØ		
Column 8								
A 8			2	42.4	2	ØØØ		
B 8			2	40.8	2	ØØØ		
C 8			2	46.2	2	ØØØ		
D 8			2	42.8	2	ØØØ		
E 8			1	37.8	2	4.5		
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8			2	42.0	2	ØØØ		
H 8			2	42.8	2	ØØØ		
Column 9								
A 9			2	47.7	2	ØØØ		
B 9			2	40.1	2	ØØØ		
C 9			2	40.2	2	ØØØ		
D 9			2	36.5	2	ØØØ		
E 9			1	35.3	2	3.9		
F 9			1	41.9	2	4.3		
G 9			1	37.2	2	4.2		
H 9			2	35.5	2	ØØØ		
Column 10								
A 10			2	34.8	2	ØØØ		
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10			2	25.8	2	ØØØ		
D 10			1	35.2	2	3.8		
E 10			1	34.4	2	4.5		
F 10			2	35.3	2	ØØØ		
G 10			1	34.5	2	4.3		
H 10			1	42.1	2	5.6		
Column 11								
A 11			1	36.6	2	4.5		
B 11			1	31.3	2	3.6		
C 11			1	35.9	2	4.4		
D 11			1	45.1	2	5.6		
E 11			1	31.8	2	3.8		
F 11			1	35.8	2	4.9		
G 11			1	33.3	2	4.4		
H 11			1	34.9	2	3.9		
Column 12								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12			1	33.5	2	4.2		
C 12			2	35.4	2	ØØØ		
D 12			2	31.3	2	ØØØ		
E 12			2	30.2	2	ØØØ		
F 12			1	27.1	2	3.3		
G 12	↓	↓	2	26.8	2	ØØØ		+
H 12	189	CB	1	27.8	2	3.5		

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

B1 Ø.1 D12 Ø.1

E1 Ø.1 E12 Ø.1

A4 Ø.1

D4 Ø.1

A5 Ø.1

B5 Ø.1

D5 Ø.1

H5 Ø.1

F6 Ø.1

E7 Ø.1

E8 Ø.1

G8 Ø.1

B9 Ø.1

H9 Ø.1

C10 Ø.1

D10 Ø.1

E11 Ø.1

F11 Ø.1

H11 Ø.1

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 2 & 4)

BCS+:
P = Visually Positive
N = Visually Negative

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

Plate Number: 48 Vessel: AK KNIGHT 162

Collected By: ET. AL. Leg: 3

Keys & Comments on back

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 1	189	CB	1	27.1	2	3.3		
B 1			1	27.3	2	3.2		
C 1			1	24.0	2	3.0		
D 1			1	25.9	2	3.2		
E 1			2	27.8	2	ØØØ		
F 1			2	27.2	2	ØØØ		
G 1			1	26.0	2	2.9		
H 1			1	26.2	2	3.1		
A 2	189	CB	2	26.6	2	ØØØ		
B 2								
C 2								
D 2								
E 2								
F 2								
G 2								
H 2								
A 3								
B 3								
C 3								
D 3	DO NOT TAKE SAMPLE - CONTROL WELL							
E 3								
F 3								
G 3								
H 3								
A 4								
B 4								
C 4								
D 4								
E 4								
F 4								
G 4								
H 4								
A 5								
B 5								
C 5								
D 5								
E 5								
F 5								
G 5	DO NOT TAKE SAMPLE - CONTROL WELL							
H 5								
A 6								
B 6								
C 6								
D 6								
E 6								
F 6								
G 6								
H 6								

Well	Haul #	Spp	Sex	Size	Shell	Bio	Mat	BCS+
A 7								
B 7								
C 7								
D 7								
E 7								
F 7								
G 7								
H 7								
A 8								
B 8								
C 8								
D 8								
E 8								
F 8	DO NOT TAKE SAMPLE - CONTROL WELL							
G 8								
H 8								
A 9								
B 9								
C 9								
D 9								
E 9								
F 9								
G 9								
H 9								
A 10								
B 10	DO NOT TAKE SAMPLE - CONTROL WELL							
C 10								
D 10								
E 10								
F 10								
G 10								
H 10								
A 11								
B 11								
C 11								
D 11								
E 11								
F 11								
G 11								
H 11								
A 12	DO NOT TAKE SAMPLE - CONTROL WELL							
B 12								
C 12								
D 12								
E 12								
F 12								
G 12								
H 12								

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

C| Ø.1

F| Ø.1

G| Ø.1

H| Ø.1

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 2 & 4)

BCS+:
P = Visually Positive
N = Visually Negative

Collected By: SMT Leg: 1 back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
A1							
B1	3	tanner	♀	117.4	2		
C1	6	tanner	♂	124.0	2	paper	
D1	6		♂	146.8	2	-	
E1	6		♂	42.8	2	-	
F1	6		♂	156.5	2		
G1	6		♀	111.3	2	no eggs	
H1	6		♀	103.1	2	eggs 1/2	
A2	6		♀	39.4	2		
B2	7		♂	115.9	2		-
C2	7		♂	118	2		
D2	9	bairdi	♀	88.9	2	eggs 4	-
E2	9	bairdi	♂	42.3	2	5.5	-
F2	13	bairdi	♀	66.9	2	eggs	-
G2	13	bairdi	♀	69.8	2	eggs	-
H2	13	bairdi	♀	65.13	2	eggs	-
A3	13	bairdi	♀	64.3	2	eggs	-
B3	13	bairdi	♂	75.5	2	12.4	-
C3	13	bairdi	♂	82.2	2	13.0	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3	13	bairdi	♂	81.6	2	15.56	-
F3	13	bairdi	♂	59.97	2	10.6	-
G3	13	bairdi	♂	65.97	2	12.6	-
H3	13	bairdi	♂	75.6	2	12	-
A4	13	bairdi	♂	58.1	2	11.6	-
B4	13	bairdi	♂	58.6	2	11.1	-
C4	13	bairdi	♂	54.1	2	8.6	-
D4	13	bairdi	♂	66.1	2	12.4	-
E4	13	bairdi	♂	79.7	2	13.4	-
F4	13	bairdi	♀	79.4	2	No eggs	-
G4	13		♀	66.4	2	No eggs	-
H4	13		♀	60.4	2	No	-
A5	17	C.b.	♀	67.3	2	NO	-
B5	17	C.b.	♀	61.4	2	NO	-
C5	17	C.b.	♀	76.9	2	1/2 eggs	-
D5	17	C.b.	♀	63.8	2	1/4	-
E5	17	C.b.	♀	65.0	2	1/8	-
F5	17	C.b.	♀	74.1	2	1/2	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5							
A6	17	C.b.	♀	60.3	2	1/8	-
B6	17	C.b.	♀	63.4	2	1/4	-
C6	17	C.b.	♀	60.2	2	1/4	-
D6	17	C.b.	♀	59.1	2	1/4	-
E6	17	C.b.	♀	62.8	2	1/8	-
F6	17	C.b.	♀	67.5	2	No eggs	-
G6	17	C.b.	♀	64.6	2	1/8	-
H6	17	C.b.	♀	53.1	2	1/8	-

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
A7	17	C.b	♀	60.2	2	1/8	-
B7	17	C.b	♀	61.1	2	1/8	-
C7	17	C.b.	♀	65.5	2	1/8 eggs	-
D7	17	C.b.	♀	63.2	2	1/8 eggs	-
E7	17	C.b.	♀	63.9	2	1/4 eggs	-
F7	21	opilio	♂	106.6	4	25.6	-
G7	21	C.b	♂	73.6	3	10.4	-
H7	21	C.b.	♂	72.2	3	12.0	-
A8							
B8							
C8							
D8							
E8							
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8							
H8	2016 Hoppe's						
A9							
B9	Talked to Brenda:						
C9							
D9	All eggs orange						
E9							
F9	b 'no eggs' - unknown						
G9	if mat or immat						
H9							
A10							
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10							
D10	1/4, 1/4 etc are						
E10							
F10	clutch fullness						
G10							
H10							
A11							
B11							
C11							
D11							
E11							
F11							
G11							
H11							
A12							
B12							
C12							
D12							
E12							
F12							
G12							
H12							

no eggs - cannot enter any info - unsure if mat or immature

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 11 Vessel: Cape Flattery

Collected By: SMT Leg: 1

Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1							
B 1	3	tanneri	♀	117.4	2		Black spots on eggs
C 1	6	tanneri	♂	124.0	2	pepper	
D 1	6		♂	146.8	2	–	
E 1	6		♂	42.8	2	–	
F 1	6		♂	156.5	2		
G 1	6		♀	111.3	2	no eggs	
H 1	6		♀	103.1	2	eggs 1/2	
Column 2							
A 2	6		♀	39.4	2		
B 2	7		♂	115.9	2		–
C 2	7		♂	118	2		
D 2	7	bairdi	♀	88.9	2	eggs 1/4	–
E 2	9	bairdi	♂	42.3	2	5.5	–
F 2	13	bairdi	♀	66.9	2	eggs	–
G 2	13	bairdi	♀	69.8	2	eggs	–
H 2	13	bairdi	♀	65.13	2	eggs	–
Column 3							
A 3	13	bairdi	♀	64.3	2	eggs	–
B 3	13	bairdi	♂	75.5	2	12.4	–
C 3	13	bairdi	♂	82.2	2	13.0	–
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3	13	bairdi	♂	81.6	2	15.56	–
F 3	13	bairdi	♂	59.97	2	10.6	–
G 3	13	bairdi	♂	65.97	2	12.6	–
H 3	13	bairdi	♂	75.6	2	12	–
Column 4							
A 4	13	bairdi	♂	58.1	2	11.6	–
B 4	13	bairdi	♂	58.6	2	11.1	–
C 4	13	bairdi	♂	54.1	2	8.6	–
D 4	17	bairdi	♂	66.1	2	12.4	–
E 4	17	bairdi	♂	79.7	2	13.4	–
F 4	17	bairdi	♀	79.4	2	No eggs	–
G 4	17		♀	66.4	2	No eggs	–
H 4	17		♀	60.4	2	No	–
Column 5							
A 5	17	C. bairdi	♀	67.3	2	NO	–
B 5	17	C. bairdi	♀	61.4	2	NO	–
C 5	17	C. bairdi	♀	76.9	2	eggs	–
D 5	17	C. bairdi	♀	68.8	2	1/4	–
E 5	17	C. bairdi	♀	65.0	2	1/8	–
F 5	17	C. bairdi	♀	74.1	2	1/2	–
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5							
Column 6							
A 6	17	C. bairdi	♀	60.3	2	1/8	–
B 6	17	C. bairdi	♀	63.41	2	1/4	–
C 6	17	C. bairdi	♀	60.2	2	1/4	–
D 6	17	C. bairdi	♀	59.1	2	1/4	–
E 6	17	C. bairdi	♀	62.8	2	1/8	–
F 6	17	C. bairdi	♀	67.5	2	No eggs	–
G 6	17	C. bairdi	♀	64.6	2	1/8	–
H 6	17	C. bairdi	♀	53.1	2	1/8	–

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7	17	C. b	♀	60.2	2	1/8	–
B 7	17	C. b	♀	61.1	2	1/8	–
C 7	17	C. b.	♀	65.5	2	1/8 eggs	–
D 7	17	C. b.	♀	63.2	2	1/8 eggs	–
E 7	17	C. b	♀	63.9	2	1/4 eggs Pepper Spot	
F 7	21	C. b	♂	106.6	4	25.6	–
G 7	21	C. b	♂	73.6	3	10.4	–
H 7	21	C. b	♂	72.2	3	12.0	–
Column 8							
A 8							
B 8							
C 8							
D 8							
E 8							
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8							
H 8							
Column 9							
A 9							
B 9							
C 9							
D 9							
E 9							
F 9							
G 9							
H 9							
Column 10							
A 10							
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10							
D 10							
E 10							
F 10							
G 10							
H 10							
Column 11							
A 11							
B 11							
C 11							
D 11							
E 11							
F 11							
G 11							
H 11							
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12							
C 12							
D 12							
E 12							
F 12							
G 12							
H 12							

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

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

KEYS:

Species:
CO = C. opilio
CB = C. bairdi
CA = C. angulatus
CT = C. tanneri
_KC = king crab (fill in first letter with first name initial of king crab common name i.e. GKC = Golden King Crab)

Sex:
1 = Male
2 = Female
3 = Unknown

Size:
Carapace size in mm (tenths)

Shell Condition:
0 = Premolt/Molt
1 = Soft Shell
2 = New Shell
3 = Old Shell
4 = Very Old Shell
5 = Graveyard

Biometrics:
MALE: Chela Height in mm (tenths) ;
FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
P = Visually Positive
N = Visually Negative

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 12 (actually was Plate 11) Vessel: Cape Flattery

Collected By: CS Leg: 3

Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1	119	CB	1	~~77.4~~	~~3~~	13.3	
B 1	"	"	"	76.1	3	9.0	
C 1	"	"	"	81.0	3	11.8	
D 1	"	"	"	85	3	15.0	
E 1	"	"	"	54.5	~~3~~	6.7	
F 1	"	"	"	26.8	2	2.8	
G 1	"	"	"				
H 1	"	"	"				
Column 2							
A 2							
B 2	Mistook Plate 11 as						
C 2							
D 2							
E 2	Plate 12. Plate 11 already						
F 2							
G 2	done. By injecting these						
H 2							
Column 3							
A 3	Samples into Plate 11 again						
B 3	thereby voiding these cells in						
C 3	Plate 11.						
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3							
F 3							
G 3							
H 3							
Column 4							
A 4							
B 4							
C 4							
D 4							
E 4							
F 4							
G 4							
H 4							
Column 5							
A 5							
B 5							
C 5							
D 5							
E 5							
F 5							
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5							
Column 6							
A 6							
B 6							
C 6							
D 6							
E 6							
F 6							
G 6							
H 6							

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7							
B 7							
C 7							
D 7							
E 7							
F 7							
G 7							
H 7							
Column 8							
A 8							
B 8							
C 8							
D 8							
E 8							
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8							
H 8							
Column 9							
A 9							
B 9							
C 9							
D 9							
E 9							
F 9							
G 9							
H 9							
Column 10							
A 10							
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10							
D 10							
E 10							
F 10							
G 10							
H 10							
Column 11							
A 11							
B 11							
C 11							
D 11							
E 11							
F 11							
G 11							
H 11							
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12							
C 12							
D 12							
E 12							
F 12							
G 12							
H 12							

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

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Biometrics:
MALE: Chela Height in mm (tenths) ;
FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
P = Visually Positive
N = Visually Negative

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 11
Collected By: CA
Vessel: Cape Flattery
Leg: 2 (start @ A8)
Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1							
B 1							
C 1							
D 1							
E 1							
F 1							
G 1							
H 1							
Column 2							
A 2							
B 2							
C 2							
D 2							
E 2							
F 2							
G 2							
H 2							
Column 3							
A 3							
B 3							
C 3							
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3							
F 3							
G 3							
H 3							
Column 4							
A 4							
B 4							
C 4							
D 4							
E 4							
F 4							
G 4							
H 4							
Column 5							
A 5							
B 5							
C 5							
D 5							
E 5							
F 5							
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5							
Column 6							
A 6							
B 6							
C 6							
D 6							
E 6							
F 6							
G 6							
H 6							

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7							
B 7							
C 7							
D 7							
E 7							
F 7							
G 7							
H 7							
Column 8							
A 8	46	CO	2	61.1	2	4-1-5	
B 8	54	CB	1	60.1	2	7.1	
C 8	(	(	(	73.6	2	9.3	
D 8	(	(	(	71.4	2	9.4	
E 8	(	(	(	102.9	3	19.0	
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8	(	(	(	105.3	3	17.5	
H 8	(	(	(	73.1	2	9.6	
Column 9							
A 9	(	(	(	71.5	2	8.6	
B 9	(	(	(	40.3	2	4.2	
C 9	(	(	↓	102.5	3	21.9	
D 9	(	(	1	67.6	2	10.9	
E 9	(	(	2	69.9	2	0-0-0	
F 9	(	(	(	83.3	3	4-1-6	
G 9	(	(	(	55.3	2	0-0-0	
H 9	(	(	(	88.3	2	4-1-5	
Column 10							
A 10	(	(	(	69.7	3	4-1-6	
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10	(	(	(	85.8	2	4-1-5	
D 10	(	(	(	73.3	2	4-1-5	
E 10	(	(	(	66.6	3	4-1-6	
F 10	(	(	(	61.1	2	0-0-0	
G 10	↓	↓	↓	55.3	2	0-0-0	Needle came out while inj. ch
H 10	54	CB	2	47.7	2	0-0-0	
Column 11							
A 11	(	CB	1	128.1	2	22.1	
B 11	(	(	1	116.1	3	17.1	
C 11	(	(	(	91.3	3	16.6	
D 11	(	(	(	92.1	3	15.5	
E 11	(	(	(	99.0	3	19.6	
F 11	(	(	↓	86.4	3	14.3	
G 11	(	CB	1	78.7	2	12.6	
H 11	55	CO	2	34.7	2	0-0-0	
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12	56	CB	1	104.5	2	18.9	
C 12	(	(	(	85.3	3	12.3	
D 12	(	(	(	58.6	2	7.1	
E 12	(	(	(	72.3	2	9.7	
F 12	(	(	↓	55.5	2	6.8	
G 12	↓	↓	1	55.8	2	7.0	
H 12	56	CB	2	84.4	2	4-1-5	

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

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5 = Graveyard

Biometrics:
MALE: Chela Height in mm (tenths) ;
FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
P = Visually Positive
N = Visually Negative

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 12 Vessel: Cape Flattery

Collected By: Armstead Leg: 2

Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1	56	CB	2	68.8	2	0-0-0	
B 1				57.8	2	000	
C 1				43.1	2	000	
D 1				48.0	2	000	
E 1				62.7	2	000	
F 1		CB	2	58.0	2	000	
G 1	56	CO	1	79.5	2	17.4	
H 1	67	CO	1	64.5	2	12.7	
Column 2							
A 2			1	65.0	2	12.9	
B 2			1	31.5	2	4.5	
C 2			2	38.9	2	0-0-0	
D 2			2	34.3	2	0-0-0	
E 2			2	53.8	2	0-0-0	
F 2			2	49.3	2	0-0-0	
G 2		CO	2	35.2	2	0-0-0	
H 2		CB	1	92.8	2	17.8	
Column 3							
A 3				79.2	2	13.1	
B 3				89.7	2	12.6	
C 3				75.7	2	10.8	
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3				73.4	2	10.7	
F 3				58.0	2	5.9	
G 3				45.0	2	5.0	
H 3			1	57.6	2	7.4	
Column 4							
A 4			2	78.9	3	4-1-6	
B 4				74.2	3	4-1-6	
C 4				76.8	3	4-1-6	
D 4				76.1	3	4-1-6	
E 4				76.5	3	4-1-6	
F 4				76.9	3	4-1-6	
G 4				69.1	3	4-1-6	
H 4				76.8	3	4-1-6	
Column 5							
A 5				60.5	2	4-1-5	
B 5				64.4	2	4-1-5	
C 5				61.3	2	0-0-0	
D 5				59.8	2	0-0-0	
E 5				66.1	2	0-0-0	
F 5				55.5	2	4-1-5	
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5				71	3	0-0-0	
Column 6							
A 6	67	C	2	73.3	2	4-1-5	
B 6	67	CB	1	45.4	1	5.2	
C 6		CB	1	66.1	2	8.5	
D 6		B	2	50.6	2	0-0-0	
E 6		CB	2	70.6	2	0-0-0	
F 6		CO	2	34.7	2	0-0-0	P
G 6		CO	2	34.9	2	0-0-0	
H 6	108	CO	2	33.9	2	0-0-0	

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7	68	CO	1	30.8	2	4.3	
B 7			2	30.6	2	0-0-0	
C 7			2	38.5	2	000	
D 7			2	38.3	2	000	
E 7			2	53.8	2	000	
F 7			1	64.3	2	12.7	
G 7			1	64.5	2	12.7	
H 7	108	CO	1	65.1	3	21.3	
Column 8							
A 8	70	CA	2	38.3	2	000	
B 8	72	CO	2	25.0	2	000	
C 8		CO	2	37.1	2	000	
D 8		CO	2	56.6	3	4-1-6	
E 8		CO	1	47.8	2	6.4	
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8		CB	1	76.3	2	12.8	
H 8			1	79.5	2	12.5	
Column 9							
A 9			1	57.0	2	6.7	
B 9			1	54.9	2	6.8	
C 9			2	67.8	2	0-0-1	
D 9			2	70.4	3	4-1-5	
E 9			2	58.7	2	000	
F 9	72	CB	2	57.3	2	000	
G 9	99	CB	2	61.9	2	000	
H 9	103	CB	2	42.0	2	000	
Column 10							
A 10	103	CB	1	59.9	2	--	
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10	111	C. tanneri	2	64.9	2	000	+
D 10	119	C.B	2	80.7	3	414	
E 10	119		1	78.8	2	000	
F 10	119			67.6	2	000	
G 10				62.6	2	414	
H 10				76.1	3	415	
Column 11							
A 11				74.8	3	415	
B 11				45.3	2	000	
C 11				42.6	2	000	
D 11				65.4	2	415	
E 11				57.2	2	415	
F 11				67.7	2	413	
G 11				81.9	3	413	
H 11				71.9	2	415	
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12				61.9	3	415	
C 12				75.8	3	416	
D 12				70.3	3	416	
E 12				68.7	3	416	
F 12				63.7	2	413	
G 12				75.0	3	416	
H 12				64.3	3	416	

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

C10 - C. tanneri

- pictures taken

for PAT

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

KEYS:

Species:
CO = C. opilio
CB = C. bairdi
CA = C. angulatus
CT = C. tanneri
_KC = king crab (fill in first letter with first name initial of king crab common name i.e. GKC = Golden King Crab)

Sex:
1 = Male
2 = Female
3 = Unknown

Size:
Carapace size in mm (tenths)

Shell Condition:
0 = Premolt/Molt
1 = Soft Shell
2 = New Shell
3 = Old Shell
4 = Very Old Shell
5 = Graveyard

Biometrics:
MALE: Chela Height in mm (tenths) ;
FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
P = Visually Positive
N = Visually Negative

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 13 Vessel: Cape Flattery

Collected By: Cy Leg:

Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1	123	CB	1	42.7	2	3.7	
B 1	123	CB	1	32.5	2	1.9	
C 1	123	CB	2	32.8	2	000	
D 1	128	CB	1	85.5	4	14	
E 1		CB	1	91	4	17.5	
F 1		CB	1	101.5	3	21	
G 1		CB	1	115.5	3	22	
H 1		CB	1	120	4	28	
Column 2							
A 2	↓	CB	1	134	3	31	
B 2	134	CB	1	65.5	2	8.8	
C 2	143	CB	2	71.5	2	415	
D 2			2	74	2	415	
E 2			2	72.5	2	415	
F 2			2	58	2	000	
G 2			1	50	2	000	
H 2			1	42	2		
Column 3							
A 3			1	43	2		
B 3			1	45	2		
C 3			1	48	2		
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3			↓	38	2	↓	
F 3			1	36	1	4.5	
G 3			1	104.5	1	17.5	
H 3			1	63	1	9	
Column 4							
A 4			1	48	1	5.5	✓
B 4			1	33.5	1	4.5	
C 4			1	35	1	4.5	
D 4	↓	↓	↓	42	↓	5	
E 4	161	CB	1	107	4	20.5	
F 4	161	CB	1	121.5	4	24.5	
G 4			2	36	2	000	
H 4			2	73.5	3	001	
Column 5							
A 5			2	66	3	001	
B 5			2	68	4	412	
C 5			2	71.5	4	412	
D 5			2	69	4	416	
E 5			2	73	4	413	
F 5	↓	↓	2	78	4	413	
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5	162	CB	1	123	4	27	
Column 6							
A 6			1	104.5	4	20.5	
B 6			1	99	4	19.5	
C 6			1	118	4	20.5	
D 6			1	121	4	28	
E 6			1	126	4	29	
F 6			1	125.5	4	24.5	
G 6	↓	↓	1	119.5	4	27.5	
H 6			1	117	5	24.5	

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7	162	CB	1	120.5	5	27	
B 7			1	116	5	25	
C 7			1	139.5	4	33	
D 7	↓	↓	1	113.5	4	27	
E 7	163	CB	1	113.5	4	27	
F 7			1	44.5	2	6	
G 7			1	50	2	5.5	
H 7			1	43.5	2	5	
Column 8							
A 8			1	116	5	~~5~~	
B 8			1	~~124~~	5	25	
C 8			1	~~100.5~~	~~4~~	~~23.5~~	
D 8			1	109.5	4	24	
E 8			1	104.5	4	21	
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8			1	104	4	22	
H 8			↓	105.5	4	20	
Column 9							
A 9	163	CB	2	49	2	000	
B 9			1	36	2	000	
C 9			1	48	2	000	
D 9			1	51	2	000	
E 9			1	48.5	2	000	
F 9			1	79	4	416	
G 9			1	63	4	416	
H 9			↓	57	4	416	
Column 10							
A 10	↓	↓	2	78.5	4	416	
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10	164	CB	1	36.5	2	3	
D 10			1	31.5	2	3	
E 10			1	36	2	4	
F 10			1	46	2	5.5	
G 10			1	31.5	2	3	
H 10			1	71.5	2	10	
Column 11							
A 11			1	112	4	25.5	
B 11			1	115.5	4	25	
C 11			↓	42	5	5	
D 11			2	66.5	3	416	
E 11			1	47	2	000	
F 11			1	41.5	2	000	
G 11			1	57	3	416	
H 11			1	78.5	2	416	
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12			1	85	3	416	
C 12			1	43	2	000	
D 12			1	53.5	3	416	
E 12			1	41.5	2	000	
F 12			1	68	3	416	
G 12			1	42	2	000	
H 12	↓	↓	↓	59	3	416	

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

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

KEYS:

Species:
CO = C. opilio
CB = C. bairdi
CA = C. angulatus
CT = C. tanneri
_KC = king crab (fill in first letter with first name initial of king crab common name i.e. GKC = Golden King Crab)

Sex:
1 = Male
2 = Female
3 = Unknown

Size:
Carapace size in mm (tenths)

Shell Condition:
0 = Premolt/Molt
1 = Soft Shell
2 = New Shell
3 = Old Shell
4 = Very Old Shell
5 = Graveyard

Biometrics:
MALE: Chela Height in mm (tenths) ;
FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
P = Visually Positive
N = Visually Negative

2016 SLOPE Crab Hemolymph Collections - Kodiak / Pathobiology

Plate Number: 14 Vessel: Cape Flattery

Collected By: YEUNG / BENJAMIN Leg: 3

Keys & Comments on back

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 1							
A 1	166	CB	2	71.5	2	001	
B 1	166	"	1	64	2	8	
C 1	166	"	1	81.5	2	13	
D 1	"	"	1	89	2	16.5	
E 1	"	"	1	100.5	2	18	
F 1	167	CB	2	62	2	000	
G 1	"	"	1	101	0	15	
H 1	"	"	1	111	0	22	
Column 2							
A 2	"	"	1	98	0	—	
B 2	"	"	1	90	0	18	
C 2	"	"	1	99	0	22.5	
D 2	"	"	1	85	3	12	
E 2	"	"	1	84.5	3	12	
F 2	"	"	1	77.5	3	10	
G 2	"	"	1	85	3	12.5	
H 2	"	"	1	94	3	14	
Column 3							
A 3	167	CB	1	84	3	12.5	
B 3	178	CB	1	109.7	3	14.3	
C 3			1	117.5	3	23.5	
D 3	DO NOT TAKE SAMPLE - CONTROL WELL						
E 3			1	65.6	2	8.0	
F 3	178		2	75.5	2	415	
G 3	179		1	80.0	2	12.9	
H 3	"		1	46.4	2	5.0	
Column 4							
A 4	"		2	83.4	3	416	
B 4	179		2	77.8	3	416	
C 4	180		2	62.5	2	000	
D 4	"		2	46.5	2	000	P
E 4	"		2	46.3	2	000	
F 4	"		1	79.8	2	13.0	
G 4	"		1	71.7	2	11.7	
H 4	180	CB	1	80.8	2	12.3	
Column 5							
A 5							
B 5							
C 5							
D 5							
E 5							
F 5							
G 5	DO NOT TAKE SAMPLE - CONTROL WELL						
H 5							
Column 6							
A 6							
B 6							
C 6							
D 6							
E 6							
F 6							
G 6							
H 6							

Well:	Haul #	Species	Sex	Size	Shell	Bio	BCS+
Column 7							
A 7							
B 7							
C 7							
D 7							
E 7							
F 7							
G 7							
H 7							
Column 8							
A 8							
B 8							
C 8							
D 8							
E 8							
F 8	DO NOT TAKE SAMPLE - CONTROL WELL						
G 8							
H 8							
Column 9							
A 9							
B 9							
C 9							
D 9							
E 9							
F 9							
G 9							
H 9							
Column 10							
A 10							
B 10	DO NOT TAKE SAMPLE - CONTROL WELL						
C 10							
D 10							
E 10							
F 10							
G 10							
H 10							
Column 11							
A 11							
B 11							
C 11							
D 11							
E 11							
F 11							
G 11							
H 11							
Column 12							
A 12	DO NOT TAKE SAMPLE - CONTROL WELL						
B 12							
C 12							
D 12							
E 12							
F 12							
G 12							
H 12							

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

H3 - 0.1

C4 - 0.1

E4 - 0.1

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