

Sensory Analyses

	Capture Location		Sample Date	Sample Label	SENSORY RESULT	
	Latitude (°N)	Longitude (°W)				
C-11	Royal Red Shrimp	28.7513	89.0518	12/04/2010	OM.1005.001.P.RRSComp01.NW	PASS
	Royal Red Shrimp	28.7513	89.0518	12/04/2010	OM.1005.001.S.RRSComp01.NW	PASS
	Royal Red Shrimp	28.7597	84.0419	12/14/2010	OM.1007.001.P.RRSComp01.NW	PASS
	Royal Red Shrimp	28.7597	89.0419	12/14/2010	OM.1007.001.S.RRSComp01.NW	PASS
	Royal Red Shrimp	28.5875	89.1101	01/06/2011	OM.1008.001.P.RRSComp01.NW	PASS
	Royal Red Shrimp	28.5875	89.1101	01/06/2011	OM.1008.001.S.RRSComp01.NW	PASS
	Royal Red Shrimp	28.7037	89.1335	01/06/2011	OM.1008.002.P.RRSComp01.NW	PASS
	Royal Red Shrimp	28.7037	89.1335	01/06/2011	OM.1008.002.S.RRSComp01.NW	PASS

Sensory Analyses

		Capture Location				
C-14	Species	Latitude (°N)	Longitude (°W)	Sample Date	Sample Label	SENSORY RESULT
		Royal Red Shrimp	29.0329	88.54843	12/04/2010	78.1015.005.P.RRSComp01.NW
	Royal Red Shrimp	29.0329	88.54843	12/04/2010	78.1015.005.S.RRSComp01.NW	PASS
	Royal Red Shrimp	29.02852	88.57049	12/04/2010	78.1015.006.P.RRSComp01.NW	PASS
	Royal Red Shrimp	29.02852	88.57049	12/04/2010	78.1015.006.S.RRSComp01.NW	PASS
	Royal Red Shrimp	29.0466	88.5412	12/07/2010	OM.1005.003.P.RRSComp01.NW	PASS
	Royal Red Shrimp	29.0466	88.5412	12/07/2010	OM.1005.003.S.RRSComp01.NW	PASS
	Royal Red Shrimp	29.0429	88.5136	12/07/2010	OM.1005.004.P.RRSComp01.NW	SUSPECT ¹
	Royal Red Shrimp	29.0429	88.5136	12/07/2010	OM.1005.004.S.RRSComp01.NW	PASS
	Purplehead Gamba Prawn	29.0462	88.5305	01/07/2011	OM.1008.005.P.PGP.Comp01.NW	PASS
	Royal Red Shrimp	29.0462	88.5305	01/07/2011	OM.1008.005.P.RRSComp01.NW	PASS
	Purplehead Gamba Prawn	29.0462	88.5305	01/07/2011	OM.1008.005.S.PGPComp01.NW	PASS
	Royal Red Shrimp	29.0462	88.5305	01/07/2011	OM.1008.005.S.RRSComp01.NW	PASS
	Royal Red Shrimp	29.0196	88.5467	01/07/2011	OM.1008.006.P.RRSComp01.NW	PASS
	Royal Red Shrimp	29.0196	88.5467	01/07/2011	OM.1008.006.S.RRSComp01.NW	PASS

¹ Using a panel of three, one or more samples has oil detected

Sensory Analyses

Capture Location

C-15	Species	Latitude (°N)	Longitude (°W)	Sample Date	Sample Label	SENSORY RESULT
	Purplehead Gamba Prawn	28.9156	85.7288	12/05/2010	OM.1005.002.P.PGComp01.NW	PASS
Royal Red Shrimp	28.9156	85.7288	12/05/2010	OM.1005.002.P.RRComp01.NW	PASS	
Purplehead Gamba Prawn	28.9156	85.7288	12/05/2010	OM.1005.002.S.PGComp01.NW	PASS	
Royal Red Shrimp	28.9156	85.7288	12/05/2010	OM.1005.002.S.RRComp01.NW	PASS	
Royal Red Shrimp	28.9211	88.7216	12/14/2010	OM.1007.002.P.RRComp01.NW	PASS	
Royal Red Shrimp	28.9211	88.7216	12/14/2010	OM.1007.002.S.RRComp01.NW	PASS	
Royal Red Shrimp	28.8263	88.9478	01/06/2011	OM.1008.003.P.RRComp01.NW	PASS	
Royal Red Shrimp	28.8263	88.9478	01/06/2011	OM.1008.003.S.RRComp01.NW	PASS	
Royal Red Shrimp	28.9275	88.6768	01/07/2011	OM.1008.004.P.RRComp01.NW	PASS	
Royal Red Shrimp	28.9275	88.6768	01/07/2011	OM.1008.004.S.RRComp01.NW	PASS	

Sensory Analyses

Capture Location

Species	Latitude (°N)	Longitude (°W)	Sample Date	Sample Label	SENSORY RESULT
Royal Red Shrimp	29.20238	88.04950	12/03/2010	78.1015.003.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.20238	88.04950	12/03/2010	78.1015.003.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.14470	88.24095	12/04/2010	78.1015.004.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.14470	88.24095	12/04/2010	78.1015.004.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.1276	88.2878	12/07/2010	OM.1005.005.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.1276	88.2878	12/07/2010	OM.1005.005.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.0819	88.9515	12/09/2010	OM.1006.001.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.0819	88.9515	12/09/2010	OM.1006.001.S.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.1626	88.1135	12/09/2010	OM.1006.002.P.PGPComp01.NW	PASS
Royal Red Shrimp	29.1626	88.1135	12/09/2010	OM.1006.002.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.1626	88.1135	12/09/2010	OM.1006.002.S.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.0492	88.4329	12/14/2010	OM.1007.003.P.PGPComp01.NW	SUSPECT ¹
Royal Red Shrimp	29.0492	88.4329	12/14/2010	OM.1007.003.P.RRSComp01.NW	SUSPECT ¹
Purplehead Gamba Prawn	29.0492	88.4329	12/14/2010	OM.1007.003.S.PGPComp01.NW	PASS
Royal Red Shrimp	29.0492	88.4329	12/14/2010	OM.1007.003.S.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.1808	88.087	01/14/2011	OM.1009.004.P.PGPComp01.NW	PASS
Royal Red Shrimp	29.1808	88.0870	01/14/2011	OM.1009.004.P.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.1808	88.087	01/14/2011	OM.1009.004.S.PGPComp01.NW	PASS
Royal Red Shrimp	29.1808	88.0870	01/14/2011	OM.1009.004.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.1457	88.2769	01/15/2011	OM.1009.005.P.RRSComp01	PASS
Royal Red Shrimp	29.1457	88.2769	01/15/2011	OM.1009.005.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.0808	88.4640	01/15/2011	OM.1009.006.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.0808	88.4640	01/15/2011	OM.1009.006.S.RRSComp01.NW	PASS

¹ Using a panel of three, one or more samples has oil detected

C-18

Sensory Analyses

Capture Location

Species	Latitude Longitude		Sample Date	Sample Label	SENSORY RESULT
	(°N)	(°W)			
Royal Red Shrimp	29.34663	87.53453	12/03/2010	78.1015.001.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.34663	87.53453	12/03/2010	78.1015.001.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.27027	87.70323	12/03/2010	78.1015.002.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.27027	87.70323	12/03/2010	78.1015.002.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.2408	87.8625	12/09/2010	OM.1006.003.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.2408	87.8625	12/09/2010	OM.1006.003.S.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.2228	87.8485	12/10/2010	OM.1006.004.P.PGPComp01.NW	PASS
Royal Red Shrimp	29.2228	87.8485	12/10/2010	OM.1006.004.P.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.2228	87.8485	12/10/2010	OM.1006.004.S.PGPComp01.NW	PASS
Royal Red Shrimp	29.2228	87.8485	12/10/2010	OM.1006.004.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.2779	87.6769	12/10/2010	OM.1006.005.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.2779	87.6769	12/10/2010	OM.1006.005.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.3001	87.5823	12/10/2010	OM.1006.006.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.3001	87.5823	12/10/2010	OM.1006.006.S.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.3055	87.5931	01/14/2011	OM.1009.001.P.PGPComp01.NW	PASS
Royal Red Shrimp	29.3055	87.5931	01/14/2011	OM.1009.001.P.RRSComp01.NW	PASS
Purplehead Gamba Prawn	29.3055	87.5931	01/14/2011	OM.1009.001.S.PGPComp01.NW	PASS
Royal Red Shrimp	29.3055	87.5931	01/14/2011	OM.1009.001.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.2607	87.7080	01/14/2011	OM.1009.002.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.2607	87.7080	01/14/2011	OM.1009.002.S.RRSComp01.NW	PASS
Royal Red Shrimp	29.2348	87.8401	01/14/2011	OM.1009.003.P.RRSComp01.NW	PASS
Royal Red Shrimp	29.2348	87.8401	01/14/2011	OM.1009.003.S.RRSComp01.NW	PASS

C-23

Chemical Analyses (PAHs by GC/MS)

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe to re-open¹. LOC for PHN and ANT combined is 1,846,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
		123,000	246,000	PHN + ANT 1,846,000	246,000	185,000	1,320	132,000	132	13,200	1,320	1,320	132	
C-11	Chemical Test 132-1196 (port) Composite of 1 Royal Red Shrimp Specimen collected 12/4/2010	1.30	<0.19	0.36	<0.14	<0.11	0.21	<0.16	0.38	<0.16	<0.18	<0.18	<0.16	<0.13
	Chemical Test 132-1197 (starboard) Composite of 1 Royal Red Shrimp Specimen collected 12/4/2010	1.30	<0.16	0.35	<0.12	<0.088	0.16	<0.13	0.22	<0.13	<0.15	<0.15	<0.13	<0.11
	Chemical Test 132-1230 (port) Composite of 1 Royal Red Shrimp Specimen collected 12/14/2010	1.30	<0.18	0.36	<0.14	<0.10	<0.10	<0.15	0.30	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1231 (starboard) Composite of 1 Royal Red Shrimp Specimen collected 12/14/2010	1.10	<0.17	0.34	<0.13	<0.097	0.18	<0.14	0.35	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 132-1260 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	0.73	<0.24	0.27	<0.18	<0.13	<0.13	<0.21	<0.24	<0.21	<0.24	<0.24	<0.21	<0.18
	Chemical Test 132-1261 (port) Composite of 5 Royal Red Shrimp Specimens collected 1/6/2011	0.98	<0.15	0.24	<0.11	<0.081	<0.080	<0.12	0.18	<0.13	<0.14	<0.14	<0.13	<0.11
	Chemical Test 132-1262 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	1.00	<0.18	0.28	<0.13	<0.10	<0.10	<0.15	<0.18	<0.16	<0.18	<0.18	<0.16	<0.13
	Chemical Test 132-1263 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	0.91	<0.16	0.28	<0.12	<0.087	<0.086	<0.13	0.16	<0.14	<0.15	<0.15	<0.14	<0.11

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Chemical Analyses (PAHs by GC/MS)

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe to re-open¹. LOC for PHN and ANT combined is 1,846,000.

123,000 246,000 PHN + ANT 1,846,000 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)													
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA	
C-14	Chemical Test 132-1188 (starboard)	1.40	0.24	0.36	<0.12	<0.090	<0.089	<0.14	0.67	<0.14	<0.16	<0.16	<0.14	<0.12	
	Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010														
	Chemical Test 132-1189 (port)	1.30	0.25	0.41	<0.12	<0.093	<0.093	<0.14	0.49	<0.15	<0.16	<0.16	<0.15	<0.12	
	Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010														
	Chemical Test 132-1190 (starboard)	1.30	0.25	0.39	<0.11	<0.086	0.16	<0.13	0.39	<0.14	<0.15	<0.15	<0.13	<0.11	
	Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010														
	Chemical Test 132-1191 (port)	1.60	0.26	0.41	<0.15	<0.12	<0.12	<0.18	0.47	<0.19	<0.21	<0.21	<0.19	<0.16	
	Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010														
	Chemical Test 132-1200 (port)	1.10	<0.17	0.31	<0.13	<0.097	<0.096	<0.14	0.38	<0.14	<0.16	<0.16	<0.14	<0.12	
	Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010														
	Chemical Test 132-1201 (starboard)	1.40	<0.19	0.33	<0.14	<0.11	<0.11	<0.16	0.48	<0.17	<0.19	<0.19	<0.17	<0.14	
	Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010														
	Chemical Test 132-1202 (port)	1.40	<0.18	0.52	<0.14	<0.10	<0.10	<0.15	0.64	<0.16	<0.17	<0.17	<0.15	<0.13	
	Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010														
Chemical Test 132-1203 (starboard)	1.10	0.16	0.50	<0.11	<0.083	0.18	<0.12	0.79	<0.12	<0.14	<0.14	<0.12	<0.10		
Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010															
Chemical Test 132-1268 (starboard)	1.10	<0.17	0.28	<0.13	<0.10	<0.10	<0.16	0.37	<0.16	<0.18	<0.18	<0.16	<0.14		
Composite of 3 Royal Red Shrimp Specimens collected 1/7/2011															
Chemical Test 132-1269 (port)	1.20	<0.14	0.38	<0.11	<0.081	0.26	<0.12	0.24	<0.13	<0.14	<0.14	<0.13	<0.11		
Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011															
Chemical Test 132-1270 (starboard)	1.10	<0.14	0.33	<0.11	<0.078	0.17	<0.12	0.71	<0.12	<0.14	<0.14	<0.12	<0.10		
Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011															
Chemical Test 132-1271 (port)	1.20	<0.19	0.46	<0.14	<0.11	<0.10	<0.16	0.53	<0.17	<0.18	<0.18	<0.16	<0.14		
Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011															

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Chemical Analyses (PAHs by GC/MS)

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe to re-open¹. LOC for PHN and ANT combined is 1,846,000.

123,000 246,000 PHN + ANT 1,846,000 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)													
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA	
C-15	Chemical Test 132-1198 (port) Composite of 1 Royal Red Shrimp Specimen collected 12/5/2010	1.10	<0.15	0.32	<0.12	<0.087	<0.086	<0.13	0.36	<0.13	<0.14	<0.14	<0.13	<0.11	
	Chemical Test 132-1199 (starboard) Composite of 1 Royal Red Shrimp Specimen collected 12/5/2010	1.10	<0.19	0.32	<0.14	<0.11	<0.11	<0.16	0.37	<0.16	<0.18	<0.18	<0.16	<0.14	
	Chemical Test 132-1238 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	1.20	<0.20	0.41	<0.15	<0.12	<0.12	<0.17	0.38	<0.18	<0.20	<0.20	<0.18	<0.15	
	Chemical Test 132-1239 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	1.20	<0.16	0.41	<0.12	0.16	0.18	<0.13	0.53	<0.13	<0.15	<0.15	<0.13	<0.11	
	Chemical Test 132-1264 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	0.94	<0.16	0.27	<0.12	<0.090	<0.089	<0.14	0.22	<0.14	<0.16	<0.16	<0.14	<0.12	
	Chemical Test 132-1265 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	1.10	<0.15	0.30	<0.11	<0.086	<0.085	<0.13	0.25	<0.14	<0.15	<0.15	<0.13	<0.11	
	Chemical Test 132-1266 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	0.96	<0.13	0.31	<0.099	<0.071	<0.070	<0.11	0.22	<0.11	<0.12	<0.12	<0.11	<0.094	
	Chemical Test 132-1267 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	1.10	<0.17	0.30	<0.13	<0.085	<0.084	<0.13	0.26	<0.13	<0.15	<0.15	<0.13	<0.11	

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Chemical Analyses (PAHs by GC/MS)

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) – Chemistry results below this level are considered safe to re-open¹. LOC for PHN and ANT combined is 1,846,000.

123,000 246,000 PHN + ANT 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-18	Chemical Test 132-1184 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	1.50	0.27	0.41	<0.15	<0.12	<0.12	<0.19	<0.22	<0.19	<0.21	<0.21	<0.19	<0.16
	Chemical Test 132-1185 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	1.40	0.24	0.37	<0.12	<0.090	<0.089	<0.14	0.21	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 132-1186 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	1.20	0.22	0.34	<0.12	<0.095	<0.094	<0.14	0.38	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1187 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	1.40	0.23	0.36	<0.11	<0.086	<0.086	<0.13	0.26	<0.14	<0.15	<0.15	<0.14	<0.11
	Chemical Test 132-1204 (port) Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010	1.10	<0.17	0.46	<0.13	<0.096	0.19	<0.14	0.71	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 132-1205 (starboard) Composite of 1 Royal Red Shrimp Specimen collected 12/7/2010	0.84	<0.19	0.33	<0.141	<0.11	<0.10	<0.15	0.50	<0.16	<0.18	<0.18	<0.16	<0.13
	Chemical Test 132-1212 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.63	0.19	0.67	<0.14	<0.11	0.23	<0.15	0.91	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1213 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.71	<0.19	0.56	<0.14	<0.12	<0.12	<0.16	0.92	<0.16	<0.18	<0.18	<0.16	<0.14
	Chemical Test 132-1214 (port) Composite of 5 Royal Red Shrimp Specimens collected 12/9/2010	0.76	<0.18	0.53	<0.14	<0.11	0.21	<0.15	1.3	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1215 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.66	<0.19	0.70	<0.15	<0.12	<0.12	<0.17	0.37	<0.17	<0.19	<0.19	<0.17	<0.14

Chemical Test 132-1216 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.69	<0.18	0.30	<0.14	<0.11	<0.11	<0.14	0.29	<0.15	<0.17	<0.17	<0.15	<0.12
Chemical Test 132-1217 (port) Composite of 2 Royal Red Shrimp Specimens collected 12/9/2010	0.63	<0.23	0.98	<0.18	<0.15	<0.15	<0.21	0.57	<0.22	<0.24	<0.24	<0.21	<0.18
Chemical Test 132-1232 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	1.00	<0.17	0.48	<0.13	<0.097	0.21	<0.14	0.93	<0.14	<0.16	<0.16	<0.14	<0.12
Chemical Test 132-1233 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	0.88	<0.16	0.33	<0.12	<0.089	<0.088	<0.13	0.55	<0.13	<0.14	<0.14	<0.13	<0.11
Chemical Test 132-1236 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	0.99	0.53	1.6	<0.14	<0.11	0.32	<0.15	1.0	<0.16	<0.17	<0.17	<0.15	<0.13
Chemical Test 132-1237 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	1.40	0.30	0.86	<0.12	0.33	0.41	<0.13	1.1	<0.14	<0.15	<0.15	<0.14	<0.11
Chemical Test 132-1294 (port) Composite of 11 Royal Red Shrimp Specimens collected 1/14/2011	0.98	<0.17	0.28	<0.13	0.11	0.11	<0.13	<0.15	<0.13	<0.15	<0.15	<0.13	<0.11
Chemical Test 132-1295 (starboard) Composite of 13 Royal Red Shrimp Specimens collected 1/14/2011	0.94	<0.15	0.23	<0.12	<0.099	<0.098	<0.12	<0.14	<0.12	<0.14	<0.14	<0.12	<0.10
Chemical Test 132-1296 (starboard) Composite of 7 Royal Red Shrimp Specimens collected 1/15/2011	0.97	<0.20	0.27	<0.16	<0.14	<0.14	<0.16	<0.19	<0.17	<0.19	<0.19	<0.17	<0.14
Chemical Test 132-1339 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/15/2011	1.20	<0.22	0.29	<0.17	<0.25	<0.25	<0.27	0.39	<0.28	<0.31	<0.31	<0.27	<0.23
Chemical Test 132-1298 (port) Composite of 7 Royal Red Shrimp Specimens collected 1/15/2011	0.97	<0.18	0.41	<0.13	<0.11	<0.11	<0.13	0.33	<0.14	<0.15	<0.15	<0.14	<0.11
Chemical Test 132-1299 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/15/2011	0.94	<0.18	0.40	<0.13	<0.11	0.20	<0.13	0.45	<0.13	<0.15	<0.15	<0.13	<0.11

C-18

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Chemical Analyses (PAHs by GC/MS)

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe to re-open¹. LOC for PHN and ANT combined is 1,846,000.

123,000 246,000 PHN + ANT 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-23	Chemical Test 132-1180 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	1.40	0.27	0.41	<0.13	<0.098	<0.097	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1181 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	2.00	0.26	0.40	<0.13	<0.095	<0.095	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1182 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	1.30	0.26	0.36	<0.14	<0.11	<0.11	<0.17	<0.20	<0.17	<0.19	<0.19	<0.17	<0.15
	Chemical Test 132-1183 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	1.60	0.26	0.39	<0.12	>0.089	>0.089	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 132-1218 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.68	<0.21	0.27	<0.16	<0.14	<0.14	<0.19	<0.22	<0.20	<0.22	<0.22	<0.19	<0.16
	Chemical Test 132-1219 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	0.68	<0.16	0.29	<0.12	<0.10	<0.10	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 132-1220 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.75	<0.18	0.30	<0.14	<0.12	<0.11	<0.16	<0.18	<0.16	<0.18	<0.18	<0.16	<0.14
	Chemical Test 132-1221 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.63	<0.17	0.26	<0.13	<0.11	<0.11	<0.15	<0.17	<0.16	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1222 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.93	<0.24	0.30	<0.18	<0.16	<0.16	<0.22	<0.25	<0.22	<0.25	<0.25	<0.22	<0.19
	Chemical Test 132-1223 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.68	<0.16	0.27	<0.12	<0.10	<0.10	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12

C-23

Chemical Test 132-1224 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.82	<0.19	0.28	<0.15	<0.13	<0.13	<0.17	<0.20	<0.18	<0.20	<0.20	<0.18	<0.15
Chemical Test 132-1225 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	0.95	<0.20	0.30	<0.15	<0.13	<0.13	<0.18	<0.21	<0.19	<0.21	<0.21	<0.18	<0.16
Chemical Test 132-1292 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	0.88	<0.17	0.27	<0.13	<0.11	<0.11	<0.13	<0.16	<0.14	<0.15	<0.15	<0.14	<0.12
Chemical Test 132-1292A (port) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	0.96	<0.17	0.28	<0.13	<0.11	<0.11	<0.13	<0.15	<0.13	<0.15	<0.15	<0.13	<0.11
Chemical Test 132-1293 (port) Composite of 4 Royal Red Shrimp Specimens collected 1/14/2011	1.00	<0.18	0.28	<0.14	<0.11	<0.11	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
Chemical Test 132-1300 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	0.90	<0.18	0.27	<0.14	<0.12	<0.12	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
Chemical Test 132-1301 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	1.10	<0.21	0.31	<0.16	<0.14	<0.14	<0.17	<0.20	<0.18	<0.20	<0.20	<0.17	<0.15
Chemical Test 132-1302 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	1.00	<0.18	0.30	<0.14	<0.12	<0.12	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe to re-open.

		CHEMISTRY RESULTS (parts per million)
Grid	Sample Label	DOSS
C-11	Chemical Test 132-1196 (port) Composite of 1 Royal Red Shrimp Specimen collected 12/4/2010	<0.043
	Chemical Test 132-1197 (starboard) Composite of 1 Royal Red Shrimp Specimen collected 12/4/2010	<0.043
	Chemical Test 132-1230 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.044
	Chemical Test 132-1231 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.045
	Chemical Test 132-1260 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	<0.043
	Chemical Test 132-1261 (port) Composite of 5 Royal Red Shrimp Specimens collected 1/6/2011	<0.045
	Chemical Test 132-1262 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	<0.043
	Chemical Test 132-1263 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	<0.043

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe to re-open.

		CHEMISTRY RESULTS (parts per million)
Grid	Sample Label	DOSS
	Chemical Test 132-1188 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.043
	Chemical Test 132-1189 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.045
	Chemical Test 132-1190 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.045
	Chemical Test 132-1191 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1200 (port) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.043
C-14	Chemical Test 132-1201 (starboard) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.043
	Chemical Test 132-1202 (port) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.045
	Chemical Test 132-1203 (starboard) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.044
	Chemical Test 132-1268 (starboard) Composite of 3 Royal Red Shrimp Specimens collected 1/7/2011	<0.045
	Chemical Test 132-1269 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	<0.043
	Chemical Test 132-1270 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	<0.045
	Chemical Test 132-1271 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	<0.044

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe to re-open.

		CHEMISTRY RESULTS (parts per million)
Grid	Sample Label	DOSS
C-15	Chemical Test 132-1198 (port) Composite of 1 Royal Red Shrimp Specimens collected 12/5/2010	<0.044
	Chemical Test 132-1199 (starboard) Composite of 1 Royal Red Shrimp Specimens collected 12/5/2010	<0.044
	Chemical Test 132-1238 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.045
	Chemical Test 132-1239 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.045
	Chemical Test 132-1264 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	<0.044
	Chemical Test 132-1265 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/6/2011	<0.045
	Chemical Test 132-1266 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	<0.045
	Chemical Test 132-1267 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/7/2011	<0.045

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe to re-open.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
C-18	Chemical Test 132-1184 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	<0.043
	Chemical Test 132-1185 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/3/2010	<0.044
	Chemical Test 132-1186 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1187 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1204 (port) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.043
	Chemical Test 132-1205 (starboard) Composite of 1 Royal Red Shrimp Specimens collected 12/7/2010	<0.045
	Chemical Test 132-1212 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.044
	Chemical Test 132-1213 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.045
	Chemical Test 132-1214 (port) Composite of 5 Royal Red Shrimp Specimens collected 12/9/2010	<0.043
	Chemical Test 132-1215 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.044

C-18

Chemical Test 132-1216 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.043
Chemical Test 132-1217 (port) Composite of 2 Royal Red Shrimp Specimens collected 12/9/2010	<0.044
Chemical Test 132-1232 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.044
Chemical Test 132-1233 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.045
Chemical Test 132-1236 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.044
Chemical Test 132-1237 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/14/2010	<0.044
Chemical Test 132-1294 (port) Composite of 11 Royal Red Shrimp Specimens collected 1/14/2011	<0.043
Chemical Test 132-1295 (starboard) Composite of 13 Royal Red Shrimp Specimens collected 1/14/2011	<0.043
Chemical Test 132-1296 (starboard) Composite of 7 Royal Red Shrimp Specimens collected 1/15/2011	<0.045
Chemical Test 132-1339 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/15/2011	<0.044
Chemical Test 132-1298 (port) Composite of 7 Royal Red Shrimp Specimens collected 1/15/2011	<0.043
Chemical Test 132-1299 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/15/2011	<0.043

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe to re-open.

		CHEMISTRY RESULTS (parts per million)
Grid	Sample Label	DOSS
	Chemical Test 132-1180 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1181 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.045
	Chemical Test 132-1182 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1183 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/4/2010	<0.044
	Chemical Test 132-1218 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.44
C-23	Chemical Test 132-1219 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/9/2010	<0.044
	Chemical Test 132-1220 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.045
	Chemical Test 132-1221 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.043
	Chemical Test 132-1222 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.044
	Chemical Test 132-1223 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.044

C-23

Chemical Test 132-1224 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.044
Chemical Test 132-1225 (port) Composite of 6 Royal Red Shrimp Specimens collected 12/10/2010	<0.044
Chemical Test 132-1292 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	<0.044
Chemical Test 132-1292A (port) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	<0.043
Chemical Test 132-1293 (port) Composite of 4 Royal Red Shrimp Specimens collected 1/14/2011	<0.044
Chemical Test 132-1300 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	<0.044
Chemical Test 132-1301 (port) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	<0.044
Chemical Test 132-1302 (starboard) Composite of 6 Royal Red Shrimp Specimens collected 1/14/2011	<0.044