

Chemical Analyses

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results

below this level are considered safe¹. LOC for PHN and ANT combined is 1,846,000.

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
	Chemical Test 133-3642	17.00	0.82	0.56	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Brown Shrimp Specimens (collected on 3/11/11)													
	Chemical Test 133-3643	24.00	<0.69	1.1	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 White Shrimp Specimens (collected on 3/11/11)													
	Chemical Test 133-3644	20.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Brown Shrimp Specimens (collected on 3/11/11)													
	Chemical Test 133-3645	18.00	0.81	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Brown Shrimp Specimens (collected on 3/12/11)													
	Chemical Test 133-2919	32.00	1.4	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)													
	Chemical Test 133-2922	16.00	6.7	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)													
	Chemical Test 132-1445 ³	0.56	<0.14	0.19	<0.11	<0.12	<0.12	<0.12	<0.13	<0.12	<0.13	<0.13	<0.12	<0.10
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)													
	Chemical Test 132-1446 ³	0.56	<0.14	0.19	<0.11	<0.12	<0.12	<0.12	<0.14	<0.12	<0.14	<0.14	<0.12	<0.10
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)													
	Chemical Test 133-2917	41.00	1.3	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/16/11)													
	Chemical Test 133-2921	44.00	8.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/16/11)													
	Chemical Test 132-1451 ¹	0.59	<0.17	0.19	<0.13	<0.17	<0.17	<0.16	<0.19	<0.17	<0.19	<0.19	<0.16	<0.14
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/17/11)													
C-14	Chemical Test 132-1452 ¹	0.60	<0.16	0.39	<0.12	<0.15	<0.15	<0.14	<0.17	<0.15	<0.17	<0.17	<0.15	<0.12
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/17/11)													
	Chemical Test AM.1101.008.P.PSSComp01_06.NL ²	<2.37	<0.41	4.29	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)													
	Chemical Test AM.1101.008.S.PSSComp01_06.NL ²	<2.37	<0.41	5.43	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)													
	Chemical Test 132-1485 ³	0.93	<0.15	0.33	<0.12	<0.10	<0.10	<0.14	<0.17	<0.15	<0.16	<0.16	<0.15	<0.12
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)													
	Chemical Test 132-1486 ³	0.65	<0.16	0.21	<0.12	<0.11	<0.11	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)													
	Chemical Test 133-3098	21.00	<0.69	0.71	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/25/11)													
	Chemical Test 133-3099	23.00	<0.69	0.69	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/25/11)													
	Chemical Test 132-1495 ³	0.46	<0.28	<0.28	<0.21	<0.20	<0.20	<0.28	<0.32	<0.29	<0.32	<0.32	<0.28	<0.24
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)													
	Chemical Test 132-1496 ³	0.60	<0.18	<0.18	<0.14	<0.12	<0.12	<0.17	<0.20	<0.18	<0.19	<0.19	<0.17	<0.15
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)													
	Chemical Test 133-3572	8.20	2.3	0.48	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Composite of 4 Polychaetes Typhlops Specimens (collected on 3/26/11)													
	Chemical Test AM.1102.008.S.PyTComp01_03.NL ²	5.78	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Composite of 3 Polychaetes Typhlops Specimens (collected on 3/26/11)													

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system
³ Analysis done by GC/MS which has lower limits of quantitation than HPLC-UVF

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results

below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

PHN + ANT 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3438	18.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Atlantic Croaker Specimens (collected on 3/10/11)													
	Chemical Test 133-3055	34.00	2.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Offshore Hake Specimens (collected on 3/16/11)													

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

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3642	<0.045
	Composite of 6 Brown Shrimp Specimens (collected on 3/11/11)	
	Chemical Test 133-3643	<0.044
	Composite of 6 White Shrimp Specimens (collected on 3/11/11)	
	Chemical Test 133-3644	<0.044
	Composite of 6 Brown Shrimp Specimens (collected on 3/11/11)	
	Chemical Test 133-3645	<0.045
	Composite of 6 Brown Shrimp Specimens (collected on 3/12/11)	
	Chemical Test 133-2919	<0.044
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	
	Chemical Test 133-2922	<0.045
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	
	Chemical Test 132-1445	<0.044
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	
	Chemical Test 132-1446	<0.044
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	
	Chemical Test 133-2917	<0.044
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/16/11)	
	Chemical Test 133-2921	<0.045
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/16/11)	
	Chemical Test 132-1451	<0.044
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/17/11)	
C-14	Chemical Test 132-1452	<0.045
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/17/11)	
	Chemical Test AM.1101.008.P.PSSComp01_06.NL	<0.045
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	
	Chemical Test AM.1101.008.S.PSSComp01_06.NL	<0.045
	Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	
	Chemical Test 132-1485	<0.043
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	
	Chemical Test 132-1486	<0.043
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	
	Chemical Test 133-3098	<0.045
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/25/11)	
	Chemical Test 133-3099	<0.045
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/25/11)	
	Chemical Test 132-1495	<0.043
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	
	Chemical Test 132-1496	<0.044
	Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	
	Chemical Test 133-3572	<0.045
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/26/11)	
	Chemical Test AM.1102.008.S.PyTComp01_03.NL	0.067
	Composite of 6 Polychaetes Typhlops Specimens (collected on 3/26/11)	

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3438	<0.045
	Composite of 6 Atlantic Croaker Specimens (collected on 3/10/11)	
	Chemical Test 133-3055	<0.045
	Composite of 6 Offshore Hake Specimens (collected on 3/16/11)	

Chemical Test 133-2971 Composite of 5 Offshore Hake Specimens (collected on 3/16/11)	13.00	1.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2968 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	17.00	5.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2970 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	14.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2974 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	16.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2977 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	13.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2976 Composite of 1 Blackfin Goosefish Specimen (collected on 3/17/11)	20.00	1.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-2975 Composite of 4 Offshore Hake Specimens (collected on 3/17/11)	19.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-14 Chemical Test 133-3114 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	18.00	2.3	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3115 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	16.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3148 Composite of 4 Offshore Hake Specimens (collected on 3/25/11)	22.00	<1.0	0.85	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3116 Composite of 6 Offshore Hake Specimens (collected on 3/25/11)	18.00	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3113 Composite of 1 Blackfin Goosefish Specimen (collected on 3/25/11)	23.00	2.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3152 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	16.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3153 Composite of 3 Gulf Hake Specimens (collected on 3/26/11)	22.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3131 Composite of 3 Offshore Hake Specimens (collected on 3/26/11)	14.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3154 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	4.90	4.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

Chemical Test 133-2971 Composite of 5 Offshore Hake Specimens (collected on 3/16/11)	<0.045
Chemical Test 133-2968 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	<0.045
Chemical Test 133-2970 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	<0.045
Chemical Test 133-2974 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	<0.045
Chemical Test 133-2977 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	<0.045
Chemical Test 133-2976 Composite of 1 Blackfin Goosefish Specimen (collected on 3/17/11)	<0.045
Chemical Test 133-2975 Composite of 4 Offshore Hake Specimens (collected on 3/17/11)	<0.045
C-14 Chemical Test 133-3114 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3115 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3148 Composite of 4 Offshore Hake Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3116 Composite of 6 Offshore Hake Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3113 Composite of 1 Blackfin Goosefish Specimen (collected on 3/25/11)	<0.045
Chemical Test 133-3152 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3153 Composite of 3 Gulf Hake Specimens (collected on 3/26/11)	0.050
Chemical Test 133-3131 Composite of 3 Offshore Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3154 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	<0.045

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

Chemical Analyses

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT
123,000 246,000 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
	Chemical Test 132-1447 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	0.48	<0.15	0.19	<0.11	<0.14	<0.13	<0.13	<0.15	<0.13	<0.15	<0.13	<0.11
	Chemical Test 132-1448 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	0.55	<0.13	0.18	<0.10	<0.12	<0.12	<0.13	<0.12	<0.13	<0.13	<0.12	<0.10
	Chemical Test 133-2923 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	12.00	1.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5
	Chemical Test AM.1101.006.P.PSSComp01_06.NL ² Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	<2.37	<0.41	4.74	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68
	Chemical Test 133-2925 Composite of 1 Polycheles Typhlops Specimen (collected on 3/16/11)	26.00	1.9	2.7	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5
	Chemical Test 132-1449 ³ Composite of 4 Royal Red Shrimp Specimens (collected on 3/17/11)	0.55	<0.17	0.18	<0.13	<0.17	<0.17	<0.16	<0.19	<0.17	<0.19	<0.19	<0.14
	Chemical Test 132-1450 ³ Composite of 5 Royal Red Shrimp Specimens (collected on 3/17/11)	0.56	<0.14	0.17	<0.11	<0.14	<0.14	<0.13	<0.15	<0.14	<0.15	<0.14	<0.11
	Chemical Test AM.1101.007.P.PSSComp01_06.NL ² Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68
	Chemical Test 133-2928 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	8.80	1.6	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5
C-15	Chemical Test 133-2926 Composite of 1 Polycheles Typhlops Specimen (collected on 3/17/11)	<3.4	0.77	2.1	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5

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

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 132-1447 Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	<0.045
	Chemical Test 132-1448 Composite of 6 Royal Red Shrimp Specimens (collected on 3/16/11)	<0.045
	Chemical Test 133-2923 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	<0.045
	Chemical Test AM.1101.006.P.PSSComp01_06.NL Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/16/11)	<0.044
	Chemical Test 133-2925 Composite of 1 Polycheles Typhlops Specimen (collected on 3/16/11)	<0.045
	Chemical Test 132-1449 Composite of 4 Royal Red Shrimp Specimens (collected on 3/17/11)	<0.044
	Chemical Test 132-1450 Composite of 5 Royal Red Shrimp Specimens (collected on 3/17/11)	<0.044
	Chemical Test AM.1101.007.P.PSSComp01_06.NL Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<0.045
	Chemical Test 133-2928 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<0.044
C-15	Chemical Test 133-2926 Composite of 1 Polycheles Typhlops Specimen (collected on 3/17/11)	<0.044

Chemical Test 132-1487 ¹ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.72	<0.16	0.21	<0.13	<0.11	<0.11	<0.16	<0.18	<0.16	<0.18	<0.16	<0.14	
Chemical Test 132-1488 ¹ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.75	<0.16	0.21	<0.12	<0.11	<0.11	<0.16	<0.18	<0.16	<0.18	<0.16	<0.13	
Chemical Test 133-3568 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/25/11)	6.60	1.8	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3569 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/25/11)	6.10	2.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 132-1493 ¹ Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	0.61	<0.18	0.20	<0.14	<0.12	<0.12	<0.17	<0.19	<0.17	<0.19	<0.17	<0.14	
Chemical Test 132-1494 ¹ Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	0.74	<0.22	<0.22	<0.16	<0.15	<0.15	<0.21	<0.24	<0.21	<0.24	<0.24	<0.18	
Chemical Test 133-3571 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/26/11)	8.20	2.1	0.50	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3570 Composite of 4 Polychaetes Typhlops Specimens (collected on 3/26/11)	8.00	2.2	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2

Chemical Test 132-1487 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.045
Chemical Test 132-1488 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3568 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3569 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/25/11)	<0.044
Chemical Test 132-1493 Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	<0.043
Chemical Test 132-1494 Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	<0.044
Chemical Test 133-3571 Composite of 3 Polychaetes Typhlops Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3570 Composite of 4 Polychaetes Typhlops Specimens (collected on 3/26/11)	<0.045

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system
Analysis done by GC/MS which has lower limits of quantitation than HPLC-UVF

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) – Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PVR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-2955 Composite of 6 Offshore Hake Specimens (collected on 3/16/11)	12.00	2.20	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2957 Composite of 6 Offshore Hake Specimens (collected on 3/16/11)	13.00	2.20	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2972 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	15.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2973 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	11.00	1.80	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2958 Composite of 6 Offshore Hake Specimens (collected on 3/17/11)	13.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2960 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	12.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2959 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	13.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2961 Composite of 6 Offshore Hake Specimens (collected on 3/17/11)	12.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test AL1102.001.01_04.YFT01.NL ² Composite of 4 Yellowfin Tuna Specimens (collected on 3/22/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.001.05_08.YFT01.NL ² Composite of 4 Yellowfin Tuna Specimens (collected on 3/22/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.001.09.Who01.NL ² Composite of 1 Wahoo Specimen (collected on 3/22/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
C-15	Chemical Test AL1102.002.01.YFT01.NL ² Composite of 1 Yellowfin Tuna Specimen (collected on 3/23/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.002.02.BKT01.NL ² Composite of 1 Blackfin Tuna Specimen (collected on 3/23/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.002.03.ESCO1.NL ² Composite of 1 Escolar Specimen (collected on 3/23/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.003.01_05.YFT01.NL ² Composite of 5 Yellowfin Tuna Specimens (collected on 3/24/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.004.01.ESCO1.NL ² Composite of 1 Escolar Specimen (collected on 3/24/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test 133-3117 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	16.00	2.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3150 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	8.30	<1.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

Diocetyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)	
		DOSS	
	Chemical Test 133-2955 Composite of 6 Offshore Hake Specimens (collected on 3/16/11)	<0.045	
	Chemical Test 133-2957 Composite of 6 Offshore Hake Specimens (collected on 3/16/11)	<0.045	
	Chemical Test 133-2972 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	<0.045	
	Chemical Test 133-2973 Composite of 6 Gulf Hake Specimens (collected on 3/16/11)	<0.045	
	Chemical Test 133-2958 Composite of 6 Offshore Hake Specimens (collected on 3/17/11)	<0.045	
	Chemical Test 133-2960 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	<0.045	
	Chemical Test 133-2959 Composite of 6 Gulf Hake Specimens (collected on 3/17/11)	<0.045	
	Chemical Test 133-2961 Composite of 6 Offshore Hake Specimens (collected on 3/17/11)	<0.045	
	Chemical Test AL1102.001.01_04.YFT01.NL ² Composite of 4 Yellowfin Tuna Specimens (collected on 3/22/11)	<0.045	
	Chemical Test AL1102.001.05_08.YFT01.NL ² Composite of 4 Yellowfin Tuna Specimens (collected on 3/22/11)	<0.045	
	Chemical Test AL1102.001.09.Who01.NL ² Composite of 1 Wahoo Specimen (collected on 3/22/11)	<0.044	
C-15	Chemical Test AL1102.002.01.YFT01.NL ² Composite of 1 Yellowfin Tuna Specimen (collected on 3/23/11)	<0.044	
	Chemical Test AL1102.002.02.BKT01.NL ² Composite of 1 Blackfin Tuna Specimen (collected on 3/23/11)	<0.045	
	Chemical Test AL1102.002.03.ESCO1.NL ² Composite of 1 Escolar Specimen (collected on 3/23/11)	<0.045	
	Chemical Test AL1102.003.01_05.YFT01.NL ² Composite of 5 Yellowfin Tuna Specimens (collected on 3/24/11)	<0.045	
	Chemical Test AL1102.004.01.ESCO1.NL ² Composite of 1 Escolar Specimen (collected on 3/24/11)	<0.045	
	Chemical Test 133-3117 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	0.052	
	Chemical Test 133-3150 Composite of 6 Gulf Hake Specimens (collected on 3/25/11)	<0.045	

Chemical Test 133-3149 Composite of 6 Offshore Hake Specimens (collected on 3/25/11)	29.00	<1.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3118 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	15.00	2.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3129 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	15.00	2.70	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3130 Composite of 6 Offshore Hake Specimens (collected on 3/26/11)	18.00	2.50	1.0	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3151 Composite of 1 Offshore Hake Specimens (collected on 3/26/11)	23.00	<1.00	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

Chemical Test 133-3149 Composite of 6 Offshore Hake Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3118 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3129 Composite of 6 Gulf Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3130 Composite of 6 Offshore Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3151 Composite of 1 Offshore Hake Specimens (collected on 3/26/11)	<0.045

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) – Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

PHN + ANT
 32,700 65,300 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-16	Chemical Test AL1102.005.01_03.BKT01.NL ² Composite of 3 Blackfin Tuna Specimens (collected on 3/25/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.005.05_07(09).BKT01.NL ² Composite of 4 Blackfin Tuna Specimens (collected on 3/25/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.005.04.Who01.NL ² Composite of 1 Wahoo Specimen (collected on 3/25/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.005.08.5JT01.NL ² Composite of 1 Skipjack Tuna Specimen (collected on 3/25/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.006.01_02.BKT01.NL ² Composite of 2 Blackfin Tuna Specimens (collected on 3/26/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.007.01.YFT01.NL ² Composite of 1 Yellowfin Tuna Specimen (collected on 3/27/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.008.01(03_04)06.BKT01.NL ² Composite of 4 Blackfin Tuna Specimens (collected on 3/28/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20
	Chemical Test AL1102.008.02(05).YFT01.NL ² Composite of 2 Yellowfin Tuna Specimens (collected on 3/28/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Chemical Analyses

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) – Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT
 123,000 246,000 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
	Chemical Test 132-1458 ² Composite of 4 Royal Red Shrimp Specimens (collected on 3/12/11)	0.69	0.21	0.43	<0.13	<0.17	<0.17	<0.16	<0.18	<0.16	<0.18	<0.18	<0.16	<0.14
	Chemical Test 132-1457 ² Composite of 4 Royal Red Shrimp Specimens (collected on 3/12/11)	0.58	<0.15	0.24	<0.11	<0.15	<0.14	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 133-2869 Composite of 5 Polycheles typhlops Specimens (collected on 3/12/11)	29.00	3.7	3.9	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-2865 Composite of 3 Polycheles typhlops Specimens (collected on 3/12/11)	20.00	2.7	1.3	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 132-1456 ² Composite of 6 Royal Red Shrimp Specimens (collected on 3/12/11)	0.61	<0.16	0.18	<0.12	<0.16	<0.16	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1455 ² Composite of 6 Royal Red Shrimp Specimens (collected on 3/12/11)	0.57	<0.17	0.17	<0.13	<0.17	<0.17	<0.16	<0.19	<0.17	<0.19	<0.19	<0.16	<0.14
	Chemical Test 133-2872 Composite of 2 Polycheles typhlops Specimens (collected on 3/12/11)	24.00	3.0	1.1	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-2871 Composite of 2 Polycheles typhlops Specimens (collected on 3/12/11)	38.00	2.8	0.81	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test AM.1101.009.P.PSSComp01_06.NL ² Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<2.37	<0.41	2.96	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
C-16	Chemical Test AL1102.005.01_03.BKT01.NL Composite of 3 Blackfin Tuna Specimens (collected on 3/25/11)	<0.045
	Chemical Test AL1102.005.05_07(09).BKT01.NL Composite of 4 Blackfin Tuna Specimens (collected on 3/25/11)	<0.045
	Chemical Test AL1102.005.04.Who01.NL Composite of 1 Wahoo Specimen (collected on 3/25/11)	<0.045
	Chemical Test AL1102.005.08.5JT01.NL Composite of 1 Skipjack Tuna Specimen (collected on 3/25/11)	<0.044
	Chemical Test AL1102.006.01_02.BKT01.NL Composite of 2 Blackfin Tuna Specimens (collected on 3/26/11)	<0.045
	Chemical Test AL1102.007.01.YFT01.NL Composite of 1 Yellowfin Tuna Specimen (collected on 3/27/11)	<0.045
	Chemical Test AL1102.008.01(03_04)06.BKT01.NL Composite of 4 Blackfin Tuna Specimens (collected on 3/28/11)	<0.045
	Chemical Test AL1102.008.02(05).YFT01.NL Composite of 2 Yellowfin Tuna Specimens (collected on 3/28/11)	<0.044

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

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 132-1458 Composite of 4 Royal Red Shrimp Specimens (collected on 3/12/11)	<0.044
	Chemical Test 132-1457 Composite of 4 Royal Red Shrimp Specimens (collected on 3/12/11)	<0.044
	Chemical Test 133-2869 Composite of 5 Polycheles typhlops Specimens (collected on 3/12/11)	<0.034
	Chemical Test 133-2865 Composite of 3 Polycheles typhlops Specimens (collected on 3/12/11)	<0.034
	Chemical Test 132-1456 Composite of 6 Royal Red Shrimp Specimens (collected on 3/12/11)	<0.045
	Chemical Test 132-1455 Composite of 6 Royal Red Shrimp Specimens (collected on 3/12/11)	<0.044
	Chemical Test 133-2872 Composite of 2 Polycheles typhlops Specimens (collected on 3/12/11)	<0.034
	Chemical Test 133-2871 Composite of 2 Polycheles typhlops Specimens (collected on 3/12/11)	<0.034
	Chemical Test AM.1101.009.P.PSSComp01_06.NL Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<0.045

Chemical Test AM.1101.009.S.PSSComp01_06.NL ² Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<2.37	<0.41	4.54	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
Chemical Test 132-1453 ³ Composite of 3 Royal Red Shrimp Specimens (collected on 3/18/11)	0.53	<0.15	0.16	<0.11	<0.14	<0.14	<0.13	<0.15	<0.14	<0.15	<0.15	<0.14	<0.11
Chemical Test 132-1454 ³ Composite of 1 Royal Red Shrimp Specimens (collected on 3/18/11)	0.49	<0.13	0.16	<0.10	<0.12	<0.12	<0.12	<0.13	<0.12	<0.13	<0.13	<0.12	<0.10
Chemical Test AM.1101.010.P.PyTComp01_04.NL ² Composite of 4 Polychaetes typhlops Specimens (collected on 3/18/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
Chemical Test AM.1101.010.S.PyTComp01_03.NL ² Composite of 3 Polychaetes typhlops Specimens (collected on 3/18/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
Chemical Test 132-1481 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.61	<0.15	0.19	<0.11	<0.10	<0.10	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
Chemical Test 132-1482 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.65	<0.19	0.23	<0.14	<0.13	<0.13	<0.18	<0.21	<0.19	<0.21	<0.21	<0.19	<0.16
C-18 Chemical Test 133-3094 Composite of 3 Polychaetes typhlops Specimens (collected on 3/25/11)	34.00	1.6	0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3095 Composite of 5 Polychaetes typhlops Specimens (collected on 3/25/11)	19.00	1.9	1.0	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 132-1483 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.67	<0.20	0.22	<0.15	<0.14	<0.14	<0.19	<0.22	<0.19	<0.22	<0.22	<0.19	<0.16
Chemical Test 132-1484 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	0.65	<0.18	0.20	<0.14	<0.13	<0.12	<0.17	<0.20	<0.18	<0.20	<0.20	<0.18	<0.15
Chemical Test 133-3096 Composite of 4 Polychaetes typhlops Specimens (collected on 3/25/11)	33.00	<0.69	0.64	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3097 Composite of 3 Polychaetes typhlops Specimens (collected on 3/25/11)	25.00	2.2	0.66	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 132-1497 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	0.57	<0.23	<0.23	<0.17	<0.15	<0.15	<0.21	<0.24	<0.22	<0.24	<0.24	<0.22	<0.18
Chemical Test 132-1498 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	0.61	<0.23	<0.23	<0.18	<0.17	<0.16	<0.23	<0.26	<0.23	<0.26	<0.26	<0.23	<0.20
Chemical Test 133-3574 Composite of 3 Polychaetes typhlops Specimens (collected on 3/26/11)	5.10	2.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3575 Composite of 2 Polychaetes typhlops Specimens (collected on 3/26/11)	6.30	3.2	0.42	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 132-1499 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.58	<0.22	<0.22	<0.17	<0.16	<0.16	<0.21	<0.25	<0.22	<0.25	<0.25	<0.22	<0.19
Chemical Test 132-1500 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.62	<0.18	0.19	<0.14	<0.13	<0.12	<0.17	<0.20	<0.18	<0.20	<0.20	<0.18	<0.15
Chemical Test AM.1102.010.P.PyTComp01_02.NL ² Composite of 2 Polychaetes typhlops Specimens (collected on 3/27/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
Chemical Test 133-3576 Composite of 5 Purplehead Gamba Prawn Specimens (collected on 3/27/11)	13.00	1.2	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3577 Composite of 3 Purplehead Gamba Prawn Specimens (collected on 3/27/11)	6.00	1.2	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
Chemical Test 133-3627 Composite of 6 Brown Shrimp Specimens (collected on 4/3/11)	7.60	<0.41	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2

Chemical Test AM.1101.009.S.PSSComp01_06.NL Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/17/11)	<0.045
Chemical Test 132-1453 Composite of 3 Royal Red Shrimp Specimens (collected on 3/18/11)	<0.044
Chemical Test 132-1454 ³ Composite of 1 Royal Red Shrimp Specimens (collected on 3/18/11)	<0.044
Chemical Test AM.1101.010.P.PyTComp01_04.NL Composite of 4 Polychaetes typhlops Specimens (collected on 3/18/11)	<0.045
Chemical Test AM.1101.010.S.PyTComp01_03.NL Composite of 3 Polychaetes typhlops Specimens (collected on 3/18/11)	<0.045
Chemical Test 132-1481 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.044
Chemical Test 132-1482 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.044
C-18 Chemical Test 133-3094 Composite of 3 Polychaetes typhlops Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3095 Composite of 5 Polychaetes typhlops Specimens (collected on 3/25/11)	<0.045
Chemical Test 132-1483 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.044
Chemical Test 132-1484 Composite of 6 Royal Red Shrimp Specimens (collected on 3/25/11)	<0.044
Chemical Test 133-3096 Composite of 4 Polychaetes typhlops Specimens (collected on 3/25/11)	<0.045
Chemical Test 133-3097 Composite of 3 Polychaetes typhlops Specimens (collected on 3/25/11)	<0.045
Chemical Test 132-1497 Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	<0.045
Chemical Test 132-1498 Composite of 6 Royal Red Shrimp Specimens (collected on 3/26/11)	<0.044
Chemical Test 133-3574 Composite of 3 Polychaetes typhlops Specimens (collected on 3/26/11)	<0.044
Chemical Test 133-3575 Composite of 2 Polychaetes typhlops Specimens (collected on 3/26/11)	<0.044
Chemical Test 132-1499 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.044
Chemical Test 132-1500 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.044
Chemical Test AM.1102.010.P.PyTComp01_02.NL Composite of 2 Polychaetes typhlops Specimens (collected on 3/27/11)	<0.045
Chemical Test 133-3576 Composite of 5 Purplehead Gamba Prawn Specimens (collected on 3/27/11)	<0.045
Chemical Test 133-3577 Composite of 3 Purplehead Gamba Prawn Specimens (collected on 3/27/11)	<0.044
Chemical Test 133-3627 Composite of 6 Brown Shrimp Specimens (collected on 4/3/11)	<0.045

¹ Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol
² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system
³ Analysis done by GC/MS which has lower limits of quantitation than HPLC-UVF

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Fish (average consumption 49 g/day) – Chemistry results

below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

PHN + ANT 32,700 65,300 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-2854 Composite of 6 Gulf Hake Specimens (collected on 3/12/11)	8.30	2.4	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-2867 Composite of 6 Gulf Hake Specimens (collected on 3/12/11)	9.40	2.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

Diocyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Fish - Chemistry results below this level are considered safe.

Grid	Sample Label	DOSS
		(parts per million)
	Chemical Test 133-2854 Composite of 6 Gulf Hake Specimens (collected on 3/12/11)	<0.045
	Chemical Test 133-2867 Composite of 6 Gulf Hake Specimens (collected on 3/12/11)	<0.034

Chemical Test 133-3132 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	15.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3184 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	12.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3185 Composite of 6 Gulf Hake Specimens (collected on 3/27/11)	11.00	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3186 Composite of 4 Gulf Hake Specimens (collected on 3/27/11)	8.30	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3187 Composite of 3 Offshore Hake Specimens (collected on 3/27/11)	34.00	2.3	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3188 Composite of 3 Offshore Hake Specimens (collected on 3/27/11)	13.00	2.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3537 Composite of 1 Red Snapper Specimen (collected on 4/2/11)	11.00	2.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3538 Composite of 1 Atlantic Croaker Specimen (collected on 4/3/11)	7.20	2.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3539 Composite of 1 Silver Seatrout Specimen (collected on 4/3/11)	6.50	2.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Chemical Test 133-3540 Composite of 1 Whitebone Porgy Specimen (collected on 4/3/11)	10.00	1.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

Chemical Test 133-3132 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	<0.044
Chemical Test 133-3184 Composite of 4 Offshore Hake Specimens (collected on 3/26/11)	<0.045
Chemical Test 133-3185 Composite of 6 Gulf Hake Specimens (collected on 3/27/11)	<0.045
Chemical Test 133-3186 Composite of 4 Gulf Hake Specimens (collected on 3/27/11)	<0.044
Chemical Test 133-3187 Composite of 3 Offshore Hake Specimens (collected on 3/27/11)	<0.045
Chemical Test 133-3188 Composite of 3 Offshore Hake Specimens (collected on 3/27/11)	<0.045
Chemical Test 133-3537 Composite of 1 Red Snapper Specimen (collected on 4/2/11)	<0.045
Chemical Test 133-3538 Composite of 1 Atlantic Croaker Specimen (collected on 4/3/11)	<0.045
Chemical Test 133-3539 Composite of 1 Silver Seatrout Specimen (collected on 4/3/11)	<0.045
Chemical Test 133-3540 Composite of 1 Whitebone Porgy Specimen (collected on 4/3/11)	<0.045

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

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) – Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

PHN + ANT
490,000

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-20	Chemical Test 133-3887 Composite of 4 Yellowfin Tuna Specimens (collected on 4/20/11)	21.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3888 Composite of 4 Yellowfin Tuna Specimens (collected on 4/21/11)	29.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3889 Composite of 1 Skipjack Tuna Specimen (collected on 4/21/11)	17.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3890 Composite of 2 Blackfin Tuna Specimens (collected on 4/22/11)	23.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3891 Composite of 2 Yellowfin Tuna Specimens (collected on 4/22/11)	13.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3892 Composite of 1 Escolar Specimen (collected on 4/22/11)	7.80	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3893 Composite of 4 Blackfin Tuna Specimens (collected on 4/23/11)	12.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

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

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)	
		DOSS	
C-20	Chemical Test 133-3887 Composite of 4 Yellowfin Tuna Specimens (collected on 4/20/11)	<0.044	
	Chemical Test 133-3888 Composite of 4 Yellowfin Tuna Specimens (collected on 4/21/11)	<0.045	
	Chemical Test 133-3889 Composite of 1 Skipjack Tuna Specimen (collected on 4/21/11)	<0.045	
	Chemical Test 133-3890 Composite of 2 Blackfin Tuna Specimens (collected on 4/22/11)	<0.044	
	Chemical Test 133-3891 Composite of 2 Yellowfin Tuna Specimens (collected on 4/22/11)	<0.044	
	Chemical Test 133-3892 Composite of 1 Escolar Specimen (collected on 4/22/11)	<0.045	
	Chemical Test 133-3893 Composite of 4 Blackfin Tuna Specimens (collected on 4/23/11)	<0.044	

Chemical Analyses

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) – Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT
1,846,000

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-20	Chemical Test 132-1386 ¹ Composite of 2 Royal Red Shrimp Specimens (collected on 3/11/11)	0.53	<0.22	<0.22	<0.16	<0.14	<0.13	<0.15	<0.17	<0.15	<0.17	<0.17	<0.15	<0.13
	Chemical Test 132-1387 ¹ Composite of 4 Royal Red Shrimp Specimens (collected on 3/11/11)	0.57	<0.20	<0.20	<0.15	<0.13	<0.13	<0.14	<0.17	<0.15	<0.16	<0.16	<0.15	<0.12
	Chemical Test 133-2873 Composite of 2 Florida Lobsterette Specimens (collected on 3/11/11)	7.80	2.4	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test AM.1101.001.S.FLComp01_04.NL ² Composite of 4 Florida Lobsterette Specimens (collected on 3/11/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Chemical Test AM.1101.001.S.PyTComp01_02.NL ² Composite of 2 Polycheles typholops Specimens (collected on 3/11/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Chemical Test 132-1388 ¹ Composite of 5 Royal Red Shrimp Specimens (collected on 3/11/11)	0.55	<0.21	<0.21	<0.16	<0.14	<0.14	<0.16	<0.18	<0.16	<0.18	<0.18	<0.16	<0.14
	Chemical Test 132-1389 ¹ Composite of 5 Royal Red Shrimp Specimens (collected on 3/11/11)	0.58	<0.18	0.19	<0.14	<0.13	<0.13	<0.14	<0.16	<0.14	<0.16	<0.16	<0.14	<0.12
	Chemical Test 133-2852 Composite of 3 Polycheles typholops Specimens (collected on 3/11/11)	16.00	2.6	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test AM.1101.002.S.PyTComp01_03.NL ² Composite of 3 Polycheles typholops Specimens (collected on 3/11/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Chemical Test 133-3042 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	14.00	1.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3043 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	11.00	1.4	0.58	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3045 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	22.00	1.3	0.50	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3044 Composite of 1 Florida Lobsterette Specimen (collected on 3/18/11)	9.60	1.2	0.43	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3047 Composite of 2 Florida Lobsterette Specimens (collected on 3/18/11)	15.00	4.6	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test AM.1101.012.P.PyTComp01_03.NL ² Composite of 3 Polycheles typholops Specimens (collected on 3/18/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83
	Chemical Test AM.1101.012.S.PyTComp01_03.NL ² Composite of 3 Polycheles typholops Specimens (collected on 3/18/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68	<1.83

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

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)	
		DOSS	
C-20	Chemical Test 132-1386 Composite of 2 Royal Red Shrimp Specimens (collected on 3/11/11)	<0.043	
	Chemical Test 132-1387 Composite of 4 Royal Red Shrimp Specimens (collected on 3/11/11)	<0.044	
	Chemical Test 133-2873 Composite of 2 Florida Lobsterette Specimens (collected on 3/11/11)	<0.034	
	Chemical Test AM.1101.001.S.FLComp01_04.NL Composite of 4 Florida Lobsterette Specimens (collected on 3/11/11)	<0.034	
	Chemical Test AM.1101.001.S.PyTComp01_02.NL Composite of 2 Polycheles typholops Specimens (collected on 3/11/11)	<0.044	
	Chemical Test 132-1388 Composite of 5 Royal Red Shrimp Specimens (collected on 3/11/11)	<0.044	
	Chemical Test 132-1389 Composite of 5 Royal Red Shrimp Specimens (collected on 3/11/11)	<0.044	
	Chemical Test 133-2852 Composite of 3 Polycheles typholops Specimens (collected on 3/11/11)	<0.044	
	Chemical Test AM.1101.002.S.PyTComp01_03.NL Composite of 3 Polycheles typholops Specimens (collected on 3/11/11)	<0.044	
	Chemical Test 133-3042 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	<0.045	
	Chemical Test 133-3043 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	<0.045	
	Chemical Test 133-3045 Composite of 6 Pink Speckled Shrimp Specimens (collected on 3/18/11)	<0.045	
	Chemical Test 133-3044 Composite of 1 Florida Lobsterette Specimen (collected on 3/18/11)	<0.045	
	Chemical Test 133-3047 Composite of 2 Florida Lobsterette Specimens (collected on 3/18/11)	<0.045	
	Chemical Test AM.1101.012.P.PyTComp01_03.NL Composite of 3 Polycheles typholops Specimens (collected on 3/18/11)	<0.045	
	Chemical Test AM.1101.012.S.PyTComp01_03.NL Composite of 3 Polycheles typholops Specimens (collected on 3/18/11)	<0.045	

C-23	Chemical Test 132-1509 ¹ Composite of 6 Royal Red Shrimp Specimens (collected on 3/18/11)	0.46	0.27	2.1	<0.19	0.90	1.1	<0.23	<0.27	<0.24	<0.26	<0.24	<0.20
	Chemical Test AM.1102.001.P.PSSComp01_02.NL ² Composite of 2 Pink Speckled Shrimp Specimens (collected on 3/23/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test AM.1102.001.S.PSSCOMP01_05.NL ² Composite of 5 Pink Speckled Shrimp Specimens (collected on 3/23/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test 132-1477 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/23/11)	0.70	<0.14	0.21	<0.11	<0.092	<0.091	<0.13	<0.15	<0.13	<0.14	<0.14	<0.13 <0.11
	Chemical Test 132-1478 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/23/11)	0.65	<0.16	0.20	<0.12	<0.10	<0.10	<0.14	<0.16	<0.15	<0.16	<0.16	<0.14 <0.12
	Chemical Test 132-1479 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/24/11)	0.60	<0.16	0.20	<0.12	<0.11	<0.11	<0.15	<0.18	<0.16	<0.17	<0.17	<0.15 <0.13
	Chemical Test 132-1480 ² Composite of 6 Royal Red Shrimp Specimens (collected on 3/24/11)	0.63	<0.16	0.21	<0.12	<0.11	<0.11	<0.15	<0.18	<0.16	<0.17	<0.17	<0.15 <0.13
	Chemical Test AM.1102.002.P.PGPComp01_05.NL ² Composite of 5 Purplehead Gamba Prawn Specimens (collected on 3/24/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test AM.1102.002.S.PGPComp01_04.NL ² Composite of 4 Purplehead Gamba Prawn Specimens (collected on 3/24/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test AM.1102.002.P.PyTComp01_03.NL ² Composite of 3 Polycheles typhlops Specimens (collected on 3/24/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test AM.1102.002.S.PyTComp01_03.NL ² Composite of 3 Polycheles typhlops Specimens (collected on 3/24/11)	<2.37	<0.41	<0.62	<1.24	<6.49	<5.66	<1.05	<3.65	<0.96	<0.26	<0.66	<7.68 <1.83
	Chemical Test 133-3580 Composite of 2 Polycheles typhlops Specimens (collected on 3/27/11)	6.60	1.7	0.51	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5 <6.2
	Chemical Test 133-3579 Composite of 2 Polycheles typhlops Specimens (collected on 3/27/11)	7.20	2.9	0.70	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5 <6.2
	Chemical Test 132-1501 ² Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.53	<0.20	<0.20	<0.15	<0.14	<0.14	<0.20	<0.23	<0.20	<0.23	<0.23	<0.20 <0.17
	Chemical Test 132-1502 ² Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.55	<0.23	<0.23	<0.17	<0.17	<0.17	<0.23	<0.27	<0.24	<0.27	<0.27	<0.24 <0.20
	Chemical Test 132-1503 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.56	<0.22	<0.22	<0.17	<0.15	<0.15	<0.21	<0.24	<0.21	<0.24	<0.24	<0.21 <0.18
	Chemical Test 132-1504 ³ Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	0.60	<0.25	<0.25	<0.19	<0.19	<0.19	<0.26	<0.30	<0.27	<0.30	<0.30	<0.27 <0.22

C-23	Chemical Test 132-1509 Composite of 6 Royal Red Shrimp Specimens (collected on 3/18/11)	<0.045
	Chemical Test AM.1102.001.P.PSSComp01_02.NL Composite of 2 Pink Speckled Shrimp Specimens (collected on 3/23/11)	<0.045
	Chemical Test AM.1102.001.S.PSSCOMP01_05.NL Composite of 5 Pink Speckled Shrimp Specimens (collected on 3/23/11)	<0.045
	Chemical Test 132-1477 Composite of 6 Royal Red Shrimp Specimens (collected on 3/23/11)	<0.045
	Chemical Test 132-1478 Composite of 6 Royal Red Shrimp Specimens (collected on 3/23/11)	<0.044
	Chemical Test 132-1479 Composite of 6 Royal Red Shrimp Specimens (collected on 3/24/11)	<0.044
	Chemical Test 132-1480 Composite of 6 Royal Red Shrimp Specimens (collected on 3/24/11)	<0.045
	Chemical Test AM.1102.002.P.PGPComp01_05.NL Composite of 5 Purplehead Gamba Prawn Specimens (collected on 3/24/11)	<0.045
	Chemical Test AM.1102.002.S.PGPComp01_04.NL Composite of 4 Purplehead Gamba Prawn Specimens (collected on 3/24/11)	<0.044
	Chemical Test AM.1102.002.P.PyTComp01_03.NL Composite of 3 Polycheles typhlops Specimens (collected on 3/24/11)	<0.045
	Chemical Test AM.1102.002.S.PyTComp01_03.NL Composite of 3 Polycheles typhlops Specimens (collected on 3/24/11)	<0.045
	Chemical Test 133-3580 Composite of 2 Polycheles typhlops Specimens (collected on 3/27/11)	<0.044
	Chemical Test 133-3579 Composite of 2 Polycheles typhlops Specimens (collected on 3/27/11)	<0.045
	Chemical Test 132-1501 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.044
	Chemical Test 132-1502 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.045
	Chemical Test 132-1503 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.045
	Chemical Test 132-1504 Composite of 6 Royal Red Shrimp Specimens (collected on 3/27/11)	<0.044

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

² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

³ Analyses done by GC/MS

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) — Chemistry results below this level are considered safe*. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)													
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA	
	Chemical Test 133-2885 Composite of 5 Gulf Hake Specimens (collected on 3/11/11)	12.00	2.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2884 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	18.00	3.2	0.84	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2882 Composite of 1 Blackbelly Rosefish Specimen (collected on 3/11/11)	13.00	2.8	0.96	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2887 Composite of 5 Offshore Hake Specimens (collected on 3/11/11)	14.00	2.4	0.84	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2886 Composite of 3 Offshore Hake Specimens (collected on 3/11/11)	17.00	2.4	0.82	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2889 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	12.00	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2888 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	30.00	7.2	1.0	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2891 Composite of 4 Offshore Hake Specimens (collected on 3/11/11)	19.00	1.8	0.81	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-2890 Composite of 5 Offshore Hake Specimens (collected on 3/11/11)	17.00	2.0	1.1	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3439 Composite of 3 Atlantic Croaker Specimens (collected on 3/12/11)	11.00	3.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3440 Composite of 2 Red Porgy Specimens (collected on 3/12/11)	12.00	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test MJ.1101.012.RS01.NL ¹ Composite of 1 Red Snapper Specimen (collected on 3/12/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20	
	Chemical Test 133-3060 Composite of 3 Offshore Hake Specimens (collected on 3/18/11)	17.00	1.3	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3061 Composite of 4 Offshore Hake Specimens (collected on 3/18/11)	17.00	1.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3059 Composite of 1 Blackfin Goosefish Specimen (collected on 3/18/11)	15.00	1.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3062 Composite of 6 Gulf Hake Specimens (collected on 3/18/11)	17.00	1.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
C-23	Chemical Test 133-3064 Composite of 6 Gulf Hake Specimens (collected on 3/18/11)	10.00	1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3063 Composite of 6 Offshore Hake Specimens (collected on 3/18/11)	18.00	1.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3065 Composite of 6 Offshore Hake Specimens (collected on 3/18/11)	45.00	2.6	0.76	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3080 Composite of 6 Gulf Hake Specimens (collected on 3/23/11)	15.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3082 Composite of 3 Offshore Hake Specimens (collected on 3/23/11)	17.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3108 Composite of 3 Offshore Hake Specimens (collected on 3/24/11)	14.00	2.4	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3110 Composite of 6 Offshore Hake Specimens (collected on 3/24/11)	12.00	2.7	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	
	Chemical Test 133-3106 Composite of 6 Gulf Hake Specimens (collected on 3/24/11)	15.00	3.4	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3	

Diocyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
	Chemical Test 133-2885 Composite of 5 Gulf Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2884 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2882 Composite of 1 Blackbelly Rosefish Specimen (collected on 3/11/11)	<0.034
	Chemical Test 133-2887 Composite of 5 Offshore Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2886 Composite of 3 Offshore Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2889 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2888 Composite of 6 Gulf Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2891 Composite of 4 Offshore Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-2890 Composite of 5 Offshore Hake Specimens (collected on 3/11/11)	<0.034
	Chemical Test 133-3439 Composite of 3 Atlantic Croaker Specimens (collected on 3/12/11)	<0.045
	Chemical Test 133-3440 Composite of 2 Red Porgy Specimens (collected on 3/12/11)	<0.045
	Chemical Test MJ.1101.012.RS01.NL Composite of 1 Red Snapper Specimen (collected on 3/12/11)	<0.045
	Chemical Test 133-3060 Composite of 3 Offshore Hake Specimens (collected on 3/18/11)	<0.045
	Chemical Test 133-3061 Composite of 4 Offshore Hake Specimens (collected on 3/18/11)	<0.045
	Chemical Test 133-3059 Composite of 1 Blackfin Goosefish Specimen (collected on 3/18/11)	<0.045
	Chemical Test 133-3062 Composite of 6 Gulf Hake Specimens (collected on 3/18/11)	<0.045
C-23	Chemical Test 133-3064 Composite of 6 Gulf Hake Specimens (collected on 3/18/11)	<0.045
	Chemical Test 133-3063 Composite of 6 Offshore Hake Specimens (collected on 3/18/11)	<0.045
	Chemical Test 133-3065 Composite of 6 Offshore Hake Specimens (collected on 3/18/11)	<0.045
	Chemical Test 133-3080 Composite of 6 Gulf Hake Specimens (collected on 3/23/11)	<0.045
	Chemical Test 133-3082 Composite of 3 Offshore Hake Specimens (collected on 3/23/11)	<0.045
	Chemical Test 133-3108 Composite of 3 Offshore Hake Specimens (collected on 3/24/11)	<0.045
	Chemical Test 133-3110 Composite of 6 Offshore Hake Specimens (collected on 3/24/11)	<0.045
	Chemical Test 133-3106 Composite of 6 Gulf Hake Specimens (collected on 3/24/11)	<0.045

Chemical Test 133-3109	16.00	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 6 Gulf Hake Specimens (collected on 3/24/11)													
Chemical Test 133-3133	13.00	2.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 4 Offshore Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3134	14.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 6 Offshore Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3135	14.00	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3136	11.00	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3189	<2.5	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 6 Offshore Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3190	<2.5	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 4 Offshore Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3191	9.10	2.6	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)													
Chemical Test 133-3192	12.00	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
Composite of 6 Gulf Hake Specimens (collected on 3/27/11)													

Chemical Test 133-3109	<0.045
Composite of 6 Gulf Hake Specimens (collected on 3/24/11)	
Chemical Test 133-3133	<0.044
Composite of 4 Offshore Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3134	<0.044
Composite of 6 Offshore Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3135	<0.044
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3136	<0.045
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3189	<0.045
Composite of 6 Offshore Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3190	<0.045
Composite of 4 Offshore Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3191	<0.045
Composite of 5 Gulf Hake Specimens (collected on 3/27/11)	
Chemical Test 133-3192	<0.045
Composite of 6 Gulf Hake Specimens (collected on 3/27/11)	

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

² Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) — Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		PHN + ANT		PAHs										
		32,700	65,300	490,000	65,300	49,000	350	35,000	35	3,500	350	350	35	
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3512	9.80	2.3	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 3 Almaco Jack Specimens (collected on 3/25/11)													
	Chemical Test 133-3514	13.00	3.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Great Barracuda Specimen (collected on 3/25/11)													
	Chemical Test 133-3515	12.00	2.7	0.76	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-24	Composite of 1 Yellowfin Tuna Specimen (collected on 3/25/11)													
	Chemical Test 133-3517	11.00	3.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Blackfin Tuna Specimens (collected on 3/25/11)													
	Chemical Test 133-3518	13.00	1.9	0.81	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Blackfin Tuna Specimens (collected on 3/25/11)													
	Chemical Test 133-3799	16.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Blackfin Tuna Specimen (collected on 3/26/11)													

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

Diocyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3512	<0.045
	Composite of 3 Almaco Jack Specimens (collected on 3/25/11)	
	Chemical Test 133-3514	<0.045
	Composite of 1 Great Barracuda Specimen (collected on 3/25/11)	
	Chemical Test 133-3515	<0.045
	Composite of 1 Yellowfin Tuna Specimen (collected on 3/25/11)	
C-24	Chemical Test 133-3517	<0.045
	Composite of 6 Blackfin Tuna Specimens (collected on 3/25/11)	
	Chemical Test 133-3518	<0.045
	Composite of 6 Blackfin Tuna Specimens (collected on 3/25/11)	
	Chemical Test 133-3799	<0.045
	Composite of 1 Blackfin Tuna Specimen (collected on 3/26/11)	

Chemical Analyses (HPLC-UVF)

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe¹. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3519	13.00	8.3	0.94	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 3 Blackfin Tuna Specimens (collected on 3/28/11)													
	Chemical Test 133-3520	13.00	2.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Skipjack Tuna Specimen (collected on 3/28/11)													
C-25	Chemical Test 133-3521	7.10	2.9	0.85	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Dolphin Fish Specimens (collected on 3/28/11)													
	Chemical Test 133-3522	10.00	4.3	0.76	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 5 Dolphin Fish Specimens (collected on 3/28/11)													

Dioctyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3519	<0.045
	Composite of 3 Blackfin Tuna Specimens (collected on 3/28/11)	
	Chemical Test 133-3520	<0.045
	Composite of 1 Skipjack Tuna Specimen (collected on 3/28/11)	
C-25	Chemical Test 133-3521	<0.045
	Composite of 6 Dolphin Fish Specimens (collected on 3/28/11)	
	Chemical Test 133-3522	<0.045
	Composite of 5 Dolphin Fish Specimens (collected on 3/28/11)	

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