

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
C-30	Chemical Test 133-3475 Composite of 1 Red Snapper Specimen (collected on 3/16/11)	8.30	3.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3477 Composite of 1 Yellowedge Grouper Specimen (collected on 3/16/11)	14.00	7.6	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3478 Composite of 1 Yellowedge Grouper Specimen (collected on 3/17/11)	4.70	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 133-3480 Composite of 4 Great Northern Tilefish Specimens (collected on 3/17/11)	7.00	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 133-3481 Composite of 3 Yellowedge Grouper Specimens (collected on 3/17/11)	4.90	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 133-3482 Composite of 1 Gulf Hake Specimen (collected on 3/17/11)	48.00	2.1	2.8	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3794 Composite of 1 Snowy Grouper Specimen (collected on 3/17/11)	5.40	2.8	<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	DOSS
C-30	Chemical Test 133-3475 Composite of 1 Red Snapper Specimen (collected on 3/16/11)	<0.044	<0.044
	Chemical Test 133-3477 Composite of 1 Yellowedge Grouper Specimen (collected on 3/16/11)	<0.045	<0.045
	Chemical Test 133-3478 Composite of 1 Yellowedge Grouper Specimen (collected on 3/17/11)	<0.044	<0.044
	Chemical Test 133-3480 Composite of 4 Great Northern Tilefish Specimens (collected on 3/17/11)	<0.045	<0.045
	Chemical Test 133-3481 Composite of 3 Yellowedge Grouper Specimens (collected on 3/17/11)	<0.045	<0.045
	Chemical Test 133-3482 Composite of 1 Gulf Hake Specimen (collected on 3/17/11)	<0.045	<0.045
	Chemical Test 133-3794 Composite of 1 Snowy Grouper Specimen (collected on 3/17/11)	<0.045	<0.045

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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
C-33	Chemical Test 133-3896 Composite of 1 Bank Sea Bass Specimen (collected on 4/20/11)	7.00	<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 133-3903 Composite of 1 Bank Sea Bass Specimen (collected on 4/20/11)	7.90	<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 133-3904 Composite of 1 Red Porgy Specimen (collected on 4/20/11)	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
	Chemical Test 133-3905 Composite of 2 Red Snapper Specimens (collected on 4/21/11)	14.00	<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 133-3906 Composite of 1 Red Grouper Specimen (collected on 4/21/11)	11.00	<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 133-3907 Composite of 2 Bank Sea Bass Specimens (collected on 4/21/11)	8.90	<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 133-3908 Composite of 1 Dusky Flounder Specimen (collected on 4/21/11)	8.90	<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 133-3909 Composite of 1 Red Snapper Specimen (collected on 4/22/11)	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
	Chemical Test 133-3910 Composite of 2 Sand Perch Specimens (collected on 4/22/11)	7.40	<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 133-3911 Composite of 1 Bank Sea Bass Specimen (collected on 4/22/11)	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

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	DOSS
C-33	Chemical Test 133-3896 Composite of 1 Bank Sea Bass Specimen (collected on 4/20/11)	<0.045	<0.045
	Chemical Test 133-3903 Composite of 1 Bank Sea Bass Specimen (collected on 4/20/11)	<0.045	<0.045
	Chemical Test 133-3904 Composite of 1 Red Porgy Specimen (collected on 4/20/11)	<0.045	<0.045
	Chemical Test 133-3905 Composite of 2 Red Snapper Specimens (collected on 4/21/11)	<0.044	<0.044
	Chemical Test 133-3906 Composite of 1 Red Grouper Specimen (collected on 4/21/11)	<0.045	<0.045
	Chemical Test 133-3907 Composite of 2 Bank Sea Bass Specimens (collected on 4/21/11)	<0.045	<0.045
	Chemical Test 133-3908 Composite of 1 Dusky Flounder Specimen (collected on 4/21/11)	<0.046	<0.046
	Chemical Test 133-3909 Composite of 1 Red Snapper Specimen (collected on 4/22/11)	<0.044	<0.044
	Chemical Test 133-3910 Composite of 2 Sand Perch Specimens (collected on 4/22/11)	<0.044	<0.044
	Chemical Test 133-3911 Composite of 1 Bank Sea Bass Specimen (collected on 4/22/11)	<0.044	<0.044

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
C-38	Chemical Test 133-3486 Composite of 5 Yellowedge Grouper Specimens (collected on 3/18/11)	5.70	3.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3795 Composite of 1 Red Grouper Specimen (collected on 3/18/11)	8.20	2.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

C-38

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	DOSS
C-38	Chemical Test 133-3486 Composite of 5 Yellowedge Grouper Specimens (collected on 3/18/11)	<0.044	<0.044
	Chemical Test 133-3795 Composite of 1 Red Grouper Specimen (collected on 3/18/11)	<0.045	<0.045

C-38

Chemical Test 133-3796	9.30	<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 3 Southern Hake Specimens (collected on 3/18/11)													
Chemical Test 133-3485	5.40	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 Great Northern Tilefish Specimens (collected on 3/18/11)													

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.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3488	5.70	4.2	<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 Sand Perch Specimens (collected on 3/20/11)													
	Chemical Test 133-3797	8.50	1.6	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Bank Sea Bass Specimens (collected on 3/20/11)													
	Chemical Test MJ.1102.018.001.SP01.NL ²	<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
	Composite of 1 Sand Perch Specimen (collected on 4/10/11)													
C-39	Chemical Test MJ.1102.023.001_002(006).BSB01.NL ²	<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
	Composite of 3 Bank Sea Bass Specimens (collected on 4/11/11)													
	Chemical Test MJ.1102.023.003_004.SP01.NL ²	<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
	Composite of 2 Sand Perch Specimens (collected on 4/11/11)													
	Chemical Test MJ.1102.023.005.BSB01.NL ²	<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
	Composite of 1 Bank Sea Bass Specimen (collected on 4/11/11)													
	Chemical Test MJ.1102.024.001_005.SP01.NL ²	<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
	Composite of 5 Sand Perch Specimens (collected on 4/11/11)													

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)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3994	18.00	<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 Red Porgy Specimen (collected on 4/30/11)													
	Chemical Test 133-3995	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
	Composite of 4 Sand Perch Specimens (collected on 4/30/11)													
C-40	Chemical Test 133-3996	9.10	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 4 Bank Sea Bass Specimens (collected on 5/1/11)													
	Chemical Test 133-3997	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
	Composite of 3 Sand Perch Specimens (collected on 5/1/11)													

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

Chemical Test 133-3796	<0.045
Composite of 3 Southern Hake Specimens (collected on 3/18/11)	
Chemical Test 133-3485	<0.045
Composite of 4 Great Northern Tilefish Specimens (collected on 3/18/11)	

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	DOSS
	Chemical Test 133-3488	<0.044	
	Composite of 4 Sand Perch Specimens (collected on 3/20/11)		
	Chemical Test 133-3797	<0.045	
	Composite of 1 Bank Sea Bass Specimens (collected on 3/20/11)		
	Chemical Test MJ.1102.018.001.SP01.NL	<0.045	
	Composite of 1 Sand Perch Specimen (collected on 4/10/11)		
C-39	Chemical Test MJ.1102.023.001_002(006).BSB01.NL	<0.045	
	Composite of 3 Bank Sea Bass Specimens (collected on 4/11/11)		
	Chemical Test MJ.1102.023.003_004.SP01.NL	<0.045	
	Composite of 2 Sand Perch Specimens (collected on 4/11/11)		
	Chemical Test MJ.1102.023.005.BSB01.NL	<0.045	
	Composite of 1 Bank Sea Bass Specimen (collected on 4/11/11)		
	Chemical Test MJ.1102.024.001_005.SP01.NL	<0.045	
	Composite of 5 Sand Perch Specimens (collected on 4/11/11)		

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	DOSS
	Chemical Test 133-3994	<0.045	
	Composite of 1 Red Porgy Specimen (collected on 4/30/11)		
	Chemical Test 133-3995	<0.045	
	Composite of 4 Sand Perch Specimens (collected on 4/30/11)		
C-40	Chemical Test 133-3996	<0.045	
	Composite of 4 Bank Sea Bass Specimens (collected on 5/1/11)		
	Chemical Test 133-3997	<0.045	
	Composite of 3 Sand Perch Specimens (collected on 5/1/11)		