

ALABAMA SEAFOOD SURVEILLANCE SAMPLES
 Polycyclic Aromatic Hydrocarbon (PAH) and DOSS Results Summary

NPH = Naphthalene, FLU = Fluorene, PHN = Phenanthrene, ANT = Anthracene, FLA = Fluoranthene, PYR = Pyrene, BaA = Benz(a)anthracene, CHR = Chrysene, BbF = Benzo(b)fluoranthene, BkF = Benzo(k)fluoranthene, BaP = Benzo(a)pyrene, DBA = Dibenz(a,h)anthracene, IcdPy = Indeno(1,2,3-cd)pyrene, DOSS = Diocylsulfosuccinate

**The estimated maximum total PAH value represents a "worst case" estimate of the PAHs including alkyl homologs that could potentially be in the that happens to yield fluorescence responsesample. It may include fluorescent compounds other than PAHs and background signal that happens to yield fluorescence response

Results reported using FDACS Screening Method 521, based on FDA LC Fluorescence Screening Method and FDACS DOSS Method 522 based on FDA's Determination of Diocylsulfosuccinate in Select Seafoods using LC/MS Sorted by seafood type (crab, finfish, oyster, shrimp), harvest area and sample #

<LOD = less than Limit of Detection, LOQ = Limit of Quantitation, TR (Trace) = a finding between LOD and LOQ, NA = Not Analyzed

Levels of Concern bases on FDA's Protocol for Interpretation and Use of Sensory Testing and Analytical Chemistry Results for Reopening Oil-Impacted Areas closed to Seafood Harvesting. 7/26/10															In order to "PASS" samples must not exceed any FDA Levels of Concern
Levels of Concern (ppm)															
Shrimp and Crab	123	246	1846	246	185	1.32	132	1.32	13.2	0.132	0.132	1.32	61.5	500	
Oysters	133	267	2000	267	200	1.43	143	1.43	14.3	0.143	0.143	1.43	66.5	500	
Finfish	32.7	65.3	490	65.3	49	0.35	35	0.35	0.35	0.035	0.035	0.35	16.35	100	
Shrimp	LOD	0.004	0.003	0.002	0.0003	0.001	0.001	0.0002	0.001	0.0002	0.0004	0.0004	0.0010	0.004	
Shrimp	LOQ	0.013	0.011	0.005	0.001	0.003	0.002	0.001	0.002	0.001	0.001	0.001	0.003	0.012	

Seafood Group	Fish Type	Harvested Area	Collected	Completed	Sample #	NPH (ppm)	FLU (ppm)	PHN (ppm)	ATN (ppm)	FLA (ppm)	PYR (ppm)	BaA (ppm)	CHR (ppm)	BbF (ppm)	BkF (ppm)	BaP (ppm)	DBA (ppm)	IcdPy (ppm)	PAH** (ppm)	DOSS (ppm)	PASS or FAIL
crab	blue crab	10.2	Sep 2014	1/8/2014	1409ST102.1	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	tr	<LOD	<LOD	0.01	<LOD	pass
crab	blue crab	10.3	Sep 2014	1/8/2014	1409ST103.1	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.012	<LOD	pass
crab	blue crab	10.4	Sep 2014	1/8/2014	1409ST104.2	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	tr	<LOD	<LOD	0.012	<LOD	pass
crab	blue crab	10.5	Sep 2014	1/8/2014	1409ST105.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.008	<LOD	pass
crab	blue crab	10.6	Sep 2014	1/8/2014	1409ST106.1	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.014	<LOD	pass
crab	blue crab	11	Sep 2014	1/8/2014	1409ST110.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.011	<LOD	pass
crab	blue crab	11.2	Sep 2014	1/8/2014	1409ST112.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.009	<LOD	pass