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 = Dioctylsulfosuccinate

**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
Dioctylsulfosuccinate 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	0.002	0.005	0.002	0.0002	0.0006	0.001	0.0001	0.0002	0.0003	0.0002	0.0003	0.0006	0.0015		0.0002
Shrimp	LOQ	0.008	0.015	0.008	0.001	0.002	0.005	0.0003	0.001	0.001	0.001	0.001	0.002	0.005		0.001

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
shrimp	mixed	10.2	Sep 2014	1/8/2014	1409ST102.5	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.012	<LOD	pass
shrimp	mixed	10.4	Sep 2014	1/8/2014	1409ST104.6	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.022	<LOD	pass
shrimp	mixed	10.6	Sep 2014	1/8/2014	1409ST106.5	tr	<LOD	<LOD	tr	tr	tr	0.0004	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.026	<LOD	pass
shrimp	mixed	11	Sep 2014	1/8/2014	1409ST110.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.01	<LOD	pass
shrimp	mixed	11.2	Sep 2014	1/8/2014	1409ST112.5	tr	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	0.012	<LOD	pass