





DEEPWATER HORIZON OIL SPILL RE-OPENING SAMPLES: PAH RESULTS SUMMARY FROM FDA PAH TESTING LABS							PAH ANALYTES (LEVELS OF CONCERN [LOC] AND COMPOUNDS OF INTEREST FROM RE-OPENING PROTOCOL, JULY 26, 2010 VERSION)										*In order to promote accurate interpretation of the reported results, FDA has decided to also provide a background-corrected value for the estimated maximum total "potential" PAH concentration. This value is the total fluorescence response from all natural constituents and PAHs in the sample extract minus the background signal arising from the instrument or blank reagents. This value provides a background-corrected maximum or "worst case" estimate and upper bound for total PAHs including alkyl homologs that could potentially be present in the sample.				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; DBaA=Dibenz(a,h)anthracene; IcdPy=Indeno(1,2,3-cd)pyrene					
RESULTS REPORTED USING: Screen for the Presences of Polycyclic Aromatic Hydrocarbons in Select Seafoods Using LC-Fluorescence							For each sample total fractional amount reported is the sum of levels detected for each carcinogenic analyte (indicated with a star) as a percentage of the permissible level applicable to that analyte.										† = Sensory evaluation completed for PAH and chemical dispersants				*DOSS = diocylsulfosuccinate; < 0.003 = below the Method LOD; Value in parentheses = between LOD and LOQ; Value = at or above the LOQ			** This represents a very conservative, "worst case" estimate of the maximum, total amount of PAHs including alkyl homologs that could potentially be in the sample since it may include fluorescent compounds other than PAHs and background signal that happen to yield fluorescence response. *** If the estimated total PAHs exceeds 50% of the level of concern for naphthalene, then the sample will be sent for confirmatory analysis using the NOAA PAH method.		
							LOC Shrimp & Crabs (ppm)										500									
							LOC Oysters (ppm)										500									
							LOC Finfish (ppm)										100									
Sensory Results†	Comp ID by Reopening Area (State-Area_Site)	State Identifier	State Origin	Lab Recvd Date	Lab DOC	Matrix	Comments	NPH (ppm)	FLU (ppm)	PHN (ppm)	ANT (ppm)	FLA (ppm)	PYR (ppm)	*BaA (ppm)	*CHR (ppm)	*BbF (ppm)	*BkF (ppm)	*BaP (ppm)	*DBaA (ppm)	*IcdPy (ppm)	**Est Max Tot PAH (ppm)	†Est Max Tot Potential PAH (bkg corrected) ppm	DOSS Conc (µg/g)†	Total Fractional Amount (This is a sum of all percentages for carcinogenic analytes indicated with a star and should be less than 1 for the sample not to be violative)	***Exceed 50% NPH's LOC?	
Pass	LA_Area 3_Cat Bay_C	LA 3 S074	LA	4/15/2011	4/20/2011	shrimp		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	N/A	0.46	< 0.003	0.00	no							
Pass		LA 3 S074		4/15/2011																						
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Pass		LA 3 S074		4/15/2011																						
Pass	LA_Area 3_Bay Chene Fleur_B	LA 3 S081	LA	4/15/2011	4/20/2011	shrimp		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	N/A	0.79	< 0.003	0.00	no							
Pass		LA 3 S081		4/15/2011																						
Pass		LA 3 S081		4/15/2011																						
Pass		LA 3 S081		4/15/2011																						
Pass		LA 3 S081		4/15/2011																						
Pass	LA_Area 12_A	Area12-#3	LA	4/15/2011	4/20/2011	eastern oysters		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	N/A	4.13	< 0.003	0.00	no							
Pass		Area12-#3		4/15/2011																						
Pass		Area12-#3		4/15/2011																						
Pass	LA_Area 12_B	Area12-#3	LA	4/15/2011	4/20/2011	eastern oysters		<LOD	<LOD	<LOD	<LOD	0.002	0.003	<LOD	0.004	0.002	<LOD	<LOD	<LOD	<LOD	N/A	15.83	< 0.003	0.00	no	
Pass		Area12-#3		4/15/2011																						
Pass		Area12-#3		4/15/2011																						