

DEEPWATER HORIZON SURVEILLANCE PHASE III ASSIGNMENT (ISSUED 10/1/10) FDA ANALYTICAL RESULTS- PAH & DOSS					PAH ANALYTES (LEVELS OF CONCERN [LOC] AND COMPOUNDS OF INTEREST FROM RE-OPENING PROTOCOL, JULY 29, 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; ANPH=Acenaphthene; FLU=Fluorene; PHN=Phenanthrene; ANT=Anthracene; FLA=Fluoranthene, PYR=Pyrene, BaA=Benzo(a)anthracene; CHR=Chrysene; BbF=Benzo(b)fluoranthene; BkF=Benzo(k)fluoranthene; BaP= Benzo(a)pyrene; DBaH=Dibenz(a,h)anthracene; BghiP=Benzo(g, h, i) pyrene; IcdPy=Indeno(1,2,3-cd)pyrene	
RESULTS REPORTED USING: Screen for the Presences of Polycyclic Aromatic Hydrocarbons in Select Seafoods Using LC-Fluorescence Determination of Diocylsulfosuccinate in Select Seafood Using a QuEChERS Extraction with Liquid Chromatography-Triple Quadrupole Mass Spectrometry)					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.										*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.	
TR = Trace (<< ppm) LOD= limit of detection ND= Not Detected					N/A = Not Applicable (analyte not analyzed for)																					
					LOC Shrimp & Crabs (ppm)		123	246	1846	246	185	1.32	132	1.32	13.2	0.132	0.132		1.32	61.5	500					
					LOC Oysters (ppm)		133	267	2000	267	200	1.43	143	1.43	14.3	0.143	0.143		1.43	66.5	500					
					LOC Finfish (ppm)		32.7	65.3	490	65.3	49	0.35	35	0.35	3.5	0.035	0.035		0.35	16.35	100					
FDA Internal Number	Collecting District	State Origin	Collected Date	Matrix	Comments	NPH (ppm)	ANPH (ppm)	FLU (ppm)	PHN (ppm)	ANT (ppm)	FLA (ppm)	PYR (ppm)	*BaA (ppm)	*CHR (ppm)	*BbF (ppm)	*BkF (ppm)	*BaP (ppm)	*DBaH (ppm)	*BghiP (ppm)	*IcdPy (ppm)	**Est Max Tot PAH (ppm)	DOSS Conc (µg/g) ¹	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?		
650590	NOL-DO	LA	10/20/2010	crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
650815	NOL-DO	LA	10/20/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
653290	FLA-DO	FL	10/20/2010	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
642191	NOL-DO	MS	10/21/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
642192	NOL-DO	MS	10/21/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
652800	NOL-DO	LA	10/21/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
652801	NOL-DO	LA	10/22/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
524228	NOL-DO	AL	10/26/2010	Shrimp		0.0776	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.248	ND	ND	no	
568468	NOL-DO	LA	10/26/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
629307	NOL-DO	LA	10/26/2010	Shrimp		0.291	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.291	ND	ND	no	
648590	NOL-DO	AL	10/26/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.047	ND	ND	no	
653690	NOL-DO	LA	10/26/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	no	
653691	NOL-DO	LA	10/26/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
568469	NOL-DO	LA	10/27/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
583727	NOL-DO	AL	10/27/2010	crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
583728	NOL-DO	AL	10/27/2010	oysters		ND	ND	ND	ND	ND	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
583729	NOL-DO	AL	10/27/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
653692	NOL-DO	LA	10/27/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
653693	NOL-DO	LA	10/27/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
646612	NOL-DO	LA	10/28/2010	crab		ND	0.008	ND	ND	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
654035	NOL-DO	LA	10/28/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
654434	NOL-DO	AL	10/28/2010	oysters		0.0063	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
654435	NOL-DO	AL	10/28/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
475111	NOL-DO	LA	10/29/2010	shrimp		TR	ND	ND	TR	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
475110	NOL-DO	LA	11/1/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
648591	NOL-DO	AL	11/1/2010	crab		ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
654037	NOL-DO	LA	11/01/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	no	
654424	NOL-DO	AL	11/1/2010	shrimp		ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
654425	NOL-DO	AL	11/1/2010	shrimp		ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
475112	NOL-DO	LA	11/02/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
630117	NOL-DO	LA	11/2/2010	crab		ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
635091	NOL-DO	LA	11/02/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	no	
635092	NOL-DO	LA	11/02/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND	ND	no	
635093	NOL-DO	LA	11/02/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039	ND	ND	no	
635094	NOL-DO	LA	11/02/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039	ND	ND	no	

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637802	NOL-DO	LA	11/2/2010	crab		ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
642193	NOL-DO	MS	11/02/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
642194	NOL-DO	MS	11/02/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
642195	NOL-DO	MS	11/02/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
650920	NOL-DO	LA	11/2/2010	shrimp		ND	ND	ND	TR	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
475113	NOL-DO	LA	11/03/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
475114	NOL-DO	LA	11/03/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
524229	NOL-DO	AL	11/03/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
630118	NOL-DO	LA	11/03/2010	Crab		ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.209	ND	no			
637803	NOL-DO	LA	11/03/2010	Shrimp		ND	ND	ND	ND	ND	ND	0.031	0.005	0.029	ND	ND	ND	ND	ND	ND	ND	ND	1.271	ND	0.004	no		
637804	NOL-DO	LA	11/03/2010	Shrimp		ND	ND	ND	ND	ND	0.914	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.264	ND	ND	no		
650921	NOL-DO	LA	11/3/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
654038	NOL-DO	LA	11/3/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.035	ND	ND	no			
637805	NOL-DO	LA	11/04/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.069	ND	ND	no			
637806	NOL-DO	LA	11/04/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
637807	NOL-DO	LA	11/04/2010	Shrimp		ND	ND	ND	ND	ND	0.089	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND	1.666	ND	1.00E-04	no		
653291	FLA-DO	FL	11/4/2010	crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
613308	NOL-DO	LA	11/14/2010	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
573513	DAL-DO	TX	11/15/2010	Shrimp		ND	ND	ND	0.058	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.447	ND	ND	no		
573514	DAL-DO	TX	11/15/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.125	ND	ND	no		
620302	FLA-DO	FL	11/15/2010	crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no			
547711	DAL-DO	TX	11/16/2010	Oysters		ND	ND	ND	ND	ND	ND	0.028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.164	ND	ND	no		
573515	DAL-DO	TX	11/16/2010	Crab		ND	ND	ND	ND	ND	0.472	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.828	ND	0.0017	no		
649371	DAL-DO	TX	11/16/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.227	ND	ND	no		
649372	DAL-DO	TX	11/16/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND	no		
649373	DAL-DO	TX	11/16/2010	Crab		ND	0.922	ND	ND	ND	1.328	ND	0.017	0.053	ND	ND	ND	ND	ND	ND	ND	ND	3.228	ND	0.014	no		
653569	NOL-DO	AL	11/16/2010	crab		0.0132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no		
653570	NOL-DO	AL	11/16/2010	shrimp		TR	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no		
658719	DAL-DO	TX	11/16/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.261	ND	ND	no		
658720	DAL-DO	TX	11/16/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.115	ND	ND	no		
547712	DAL-DO	TX	11/17/2010	Shrimp		ND	ND	ND	ND	ND	ND	0.117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.249	ND	ND	no		
649374	DAL-DO	TX	11/17/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.084	ND	ND	no		
649375	DAL-DO	TX	11/17/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.044	ND	ND	no		
649376	DAL-DO	TX	11/17/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058	ND	ND	no		
649377	DAL-DO	TX	11/17/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054	ND	ND	no		

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659104	DAL-DO	TX	11/17/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
659105	DAL-DO	TX	11/17/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.818	ND	ND	no	
547713	DAL-DO	TX	11/18/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
573516	DAL-DO	TX	11/18/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43	ND	ND	no	
573517	DAL-DO	TX	11/18/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
573518	DAL-DO	TX	11/18/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
649378	DAL-DO	TX	11/19/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
649379	DAL-DO	TX	11/19/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
649380	DAL-DO	TX	11/19/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.764	ND	ND	no	
659106	DAL-DO	TX	11/19/2010	Shrimp		ND	1.476	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.906	ND	ND	no	
642196	NOL-DO	MS	11/22/2010	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
573519	DAL-DO	TX	11/23/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.464	ND	ND	no	
661179	NOL-DO	LA	11/29/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	.0185	ND	ND	no	
661180	NOL-DO	LA	11/29/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND	ND	no	
661181	NOL-DO	LA	11/29/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016	ND	ND	no	
649381	DAL-DO	TX	11/30/2010	Oysters		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.119	ND	ND	no	
642197	NOL-DO	AL	12/1/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
658721	DAL-DO	TX	12/1/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
642198	NOL-DO	AL	12/2/2010	Crab		ND	ND	ND	ND	ND	0.052	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	1.063	ND	0.002	no	
658722	DAL-DO	TX	12/2/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
573520	DAL-DO	TX	12/7/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.035	ND	ND	no	
573521	DAL-DO	TX	12/7/2010	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.219	ND	ND	no	
652802	NOL-DO	LA	12/7/2010	crab		TR	ND	ND	0.008	ND	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
652803	NOL-DO	LA	12/8/2010	shrimp		TR	TR	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
652804	NOL-DO	LA	12/9/2010	crab		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
652805	NOL-DO	LA	12/14/2010	crab		TR	ND	ND	0.005	ND	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
625458	FLA-DO	FL	1/4/2011	shrimp		0.0128	ND	ND	0.002	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
625459	FLA-DO	FL	1/4/2011	shrimp		TR	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	TR	ND	ND	ND	ND	ND	ND	no	
658562	DAL-DO	TX	1/27/2011	Oysters		0.0022	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.099	ND	ND	no	
658563	DAL-DO	TX	1/27/2011	Oysters		0.0033	ND	ND	8E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.106	ND	ND	no	
648593	NOL-DO	AL	2/1/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
573529	DAL-DO	TX	3/25/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.061	ND	ND	no	
573530	DAL-DO	TX	3/25/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND	no	
573531	DAL-DO	TX	3/25/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063	ND	ND	no	
573532	DAL-DO	TX	3/25/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND	no	

DEEPWATER HORIZON SURVEILLANCE PHASE III ASSIGNMENT (ISSUED 10/1/10) FDA ANALYTICAL RESULTS- PAH & DOSS					PAH ANALYTES (LEVELS OF CONCERN [LOC] AND COMPOUNDS OF INTEREST FROM RE-OPENING PROTOCOL, JULY 29, 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. ¹DOSS = dioctylsulfosuccinate; < 0.003 = below the Method LOD; Value in parentheses = between LOD and LOQ; Value = at or above the LOQ										NPH=Naphthalene; ANPH=Acenaphthene; FLU=Fluorene; PHN=Phenanthrene; ANT=Anthracene; FLA=Fluoranthene, PYR=Pyrene, BaA=Benzo(a)anthracene; CHR=Chrysene, BbF=Benzo(b)fluoranthene; BkF=Benzo(k)fluoranthene; BaP= Benzo(a)pyrene; DBaH=Dibenz(a,h)anthracene; BghiP=Benzo(g, h, i) pyrene; IcdPy=Indeno(1,2,3-cd)pyrene ** 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.									
					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.					LOQ= limit of quantification																								
					TR = Trace (<< ppm)					LOD= limit of detection					ND= Not Detected																			
					N/A = Not Applicable (analyte not analyzed for)																													
RESULTS REPORTED USING: Screen for the Presences of Polycyclic Aromatic Hydrocarbons in Select Seafoods Using LC-Fluorescence Determination of Dioctylsulfosuccinate in Select Seafood Using a QuEChERS Extraction with Liquid Chromatography-Triple Quadrupole Mass Spectrometry)					LOC Shrimp & Crabs (ppm)	123	246	1846	246	185	1.32	132	1.32	13.2	0.132	0.132	1.32	61.5	500															
LOC Oysters (ppm)	133	267	2000	267	200	1.43	143	1.43	14.3	0.143	0.143	1.43	66.5	500																				
LOC Finfish (ppm)	32.7	65.3	490	65.3	49	0.35	35	0.35	3.5	0.035	0.035	0.35	16.35	100																				
FDA Internal Number	Collecting District	State Origin	Collected Date	Matrix	Comments	NPH (ppm)	ANPH (ppm)	FLU (ppm)	PHN (ppm)	ANT (ppm)	FLA (ppm)	PYR (ppm)	*BaA (ppm)	*CHR (ppm)	*BbF (ppm)	*BkF (ppm)	*BaP (ppm)	*DBaH (ppm)	*BghiP (ppm)	*IcdPy (ppm)	**Est Max Tot PAH (ppm)	DOSS Conc (µg/g)¹	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?										
659109	DAL-DO	TX	4/6/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.075	ND	ND	no										
659110	DAL-DO	TX	4/6/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.129	ND	ND	no										
573522	DAL-DO	TX	5/17/2011	Shrimp		0.0017	ND	2E-04	0.001	1E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.062	ND	ND	no										
573423	NOL-DO	LA	5/18/2011	shrimp		0.0473	ND	ND	0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
573424	NOL-DO	LA	5/18/2011	crab		0.0236	ND	ND	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
658565	DAL-DO	TX	5/19/2011	Shrimp		0.0022	ND	ND	7E-04	1E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063	ND	ND	no										
658566	DAL-DO	TX	5/19/2011	Shrimp		ND	ND	ND	0.001	1E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND	ND	no										
658380	DAL-DO	TX	5/20/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.083	ND	ND	no										
657933	DAL-DO	TX	5/24/2011	Crab		0.0027	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.055	ND	ND	no											
658379	DAL-DO	TX	5/24/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	ND	ND	no										
658381	DAL-DO	TX	5/25/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.046	ND	ND	no										
697882	NOL-DO	LA	5/25/2011	Shrimp		0.004	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063	ND	ND	no										
697883	NOL-DO	LA	5/25/2011	Shrimp		0.0041	ND	ND	7E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.056	ND	ND	no										
697884	NOL-DO	LA	5/25/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048	ND	ND	no										
697885	NOL-DO	LA	5/25/2011	Shrimp		ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.078	ND	ND	no										
573428	NOL-DO	LA	5/31/2011	crab		TR	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
573429	NOL-DO	LA	5/31/2011	crab		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
695315	NOL-DO	LA	5/31/2011	crab		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
697880	NOL-DO	LA	5/31/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.115	ND	ND	no										
697886	NOL-DO	LA	5/31/2011	Shrimp		0.0037	ND	ND	5E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.055	ND	ND	no										
573425	NOL-DO	LA	6/1/2011	shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
573426	NOL-DO	LA	6/1/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
573427	NOL-DO	LA	6/1/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
695316	NOL-DO	LA	6/1/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
695317	NOL-DO	LA	6/1/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no										
697881	NOL-DO	LA	6/1/2011	Shrimp		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND	ND	no										
697871	NOL-DO	LA	6/2/2011	Shrimp		ND	ND	ND	6E-04	1E-04	9E-04	5E-04	ND	ND	ND	ND	ND	ND	ND	ND	0.058	ND	ND	no										
697872	NOL-DO	LA	6/2/2011	Shrimp		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058	ND	ND	no										
697873	NOL-DO	LA	6/3/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND	no										
697874	NOL-DO	LA	6/3/2011	Shrimp		0.0019	ND	ND	5E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.153	ND	ND	no										
697877	NOL-DO	LA	6/3/2011	Crab		ND	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054	ND	ND	no										
697875	NOL-DO	LA	6/6/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051	ND	ND	no										
697876	NOL-DO	LA	6/7/2011	Crab		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.055	ND	ND	no										
697878	NOL-DO	LA	6/7/2011	Shrimp		0.0037	ND	8E-04	0.003	2E-04	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.104	ND	ND	no										
697879	NOL-DO	LA	6/7/2011	Shrimp		0.0027	ND	ND	7E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	no										

DEEPWATER HORIZON SURVEILLANCE PHASE III ASSIGNMENT (ISSUED 10/1/10) FDA ANALYTICAL RESULTS- PAH & DOSS					PAH ANALYTES (LEVELS OF CONCERN [LOC] AND COMPOUNDS OF INTEREST FROM RE-OPENING PROTOCOL, JULY 29, 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; ANPH=Acenaphthene; FLU=Fluorene; PHN=Phenanthrene; ANT=Anthracene; FLA=Fluoranthene, PYR=Pyrene, BaA=Benzo(a)anthracene; CHR=Chrysene; BbF=Benzo(b)fluoranthene; BkF=Benzo(k)fluoranthene; BaP= Benzo(a)pyrene; DBaHA=Dibenz(a,h)anthracene; BgHiP=Benzo(g, h, i) perylene; IcdPy=Indeno(1,2,3-cd)pyrene	
RESULTS REPORTED USING: Screen for the Presences of Polycyclic Aromatic Hydrocarbons in Select Seafoods Using LC-Fluorescence Determination of Diocylsulfosuccinate in Select Seafood Using a QuEChERS Extraction with Liquid Chromatography-Triple Quadrupole Mass Spectrometry)					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.										*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.	
FDA Internal Number	Collecting District	State Origin	Collected Date	Matrix	Comments	NPH (ppm)	ANPH (ppm)	FLU (ppm)	PHN (ppm)	ANT (ppm)	FLA (ppm)	PYR (ppm)	*BaA (ppm)	*CHR (ppm)	*BbF (ppm)	*BkF (ppm)	*BaP (ppm)	*DBaHA (ppm)	*BgHiP (ppm)	*IcdPy (ppm)	**Est Max Tot PAH (ppm)	DOSS Conc (µg/g) ¹	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?		
697889	NOL-DO	LA	6/9/2011	Crab		0.0057	ND	ND	4E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063	ND	ND	no	
697887	NOL-DO	LA	6/13/2011	Shrimp		ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.066	ND	ND	no	
697888	NOL-DO	LA	6/13/2011	Shrimp		ND	ND	ND	7E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.106	ND	ND	no	
699154	NOL-DO	LA	6/15/2011	Shrimp		ND	ND	ND	5E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058	ND	ND	no	
699155	NOL-DO	LA	6/15/2011	Shrimp		ND	ND	ND	5E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.062	ND	ND	no	
699152	NOL-DO	LA	6/16/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
699153	NOL-DO	LA	6/16/2011	shrimp		TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	no	
699159	NOL-DO	LA	6/16/2011	Crab		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.061	ND	ND	no	
699158	NOL-DO	LA	6/20/2011	Crab		0.0019	0.003	ND	3E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051	ND	ND	no	
699156	NOL-DO	LA	6/21/2011	Shrimp		ND	ND	ND	3E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND	ND	no	
699157	NOL-DO	LA	6/21/2011	Crab		ND	ND	ND	8E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.061	ND	ND	no	