

# Oiled Marine Mammal

## Gross Necropsy Report

<b>Spill Name:</b>	BP Deepwater Horizon Oil Spill Incident		
<b>Animal Log #:</b>	BP-2010-LA28		
<b>Level A Field #:</b>	MCT-20100524-LA001	<b>Tag #:</b>	BP-2010-LA28
<b>Species:</b>	Tursiops truncatus		
<b>Sex:</b>	Female	<b>Age:</b>	Sub-adult
<b>Weight:</b>	50	kg	<input type="radio"/> estimate/actual <input type="radio"/>
<b>SON:</b>	emaciated 1 2 3 4 5 6 7 obese 4		
<b>Measurements:</b>	Blubber depth 15 mm		
<b>SL</b>	165 cm	<b>AC</b>	ne cm
<b>UG</b>	ne cm	<b>XG</b>	ne cm

<b>Form completed by:</b>	Dave Rotstein	<b>Date:</b>	5/25/2010
<b>Enforcement Officer:</b>			
<b>Strand/Capture location:</b>	Grand Isle, NC		
<b>Collectors Name:</b>	Mandy Tumlin		
<b>Intake date:</b>	24-May-210	<b>Euthanasia:</b>	
<b>Death date:</b>		<b>Time:</b>	
<b>Post mortem date:</b>	5/25/2010	<b>Time:</b>	14:30
<b>Carcass Classification:</b>	Frozen <input type="radio"/> yes <input checked="" type="radio"/> no		
	2- fresh, 3-fair (organs intact), 4-poor, 5- mummified 4		
<b>Photographs:</b>	<input checked="" type="checkbox"/>		
<b>Radiographs:</b>	<input type="checkbox"/>		

<b>Clinical signs/diagnosis:</b>	found dead on beach
<b>Antibiotics given:</b>	NA
<b>Pertinent lab results:</b>	NA

**GROSS NECROPSY ABNORMALITIES:**

Only partial carcass was measured. Missing flukes, nuchal crest region, entire neck region, dorsal head and thorax. Extensive post-mortem predation of pectoral fins, tailstock, ventrum (anus-genitals), flukes and dorsal fin. Extensive post-mortem sloughing of epithelium. No gastric or intestinal content. Post-mortem fracture of R ear. Blubber depth (mm): 15 dorsal, 9 lateral, 10 ventral.

Other samples collected:  
 Hydrocarbon Analysis: stomach contents  
 Genetics: skin frozen  
 L mandible with teeth  
 Morbillivirus: spleen

HYDROCARBON ANALYSIS SAMPLES			MICROBIOLOGY		SWABS: other
bile <input type="checkbox"/>	kidney <input checked="" type="checkbox"/>	blubber/fat <input checked="" type="checkbox"/>	Lung <input type="checkbox"/>		
blood <input checked="" type="checkbox"/>	muscle <input checked="" type="checkbox"/>	other: <input checked="" type="checkbox"/>	Liver <input type="checkbox"/>		
urine <input type="checkbox"/>	lung <input checked="" type="checkbox"/>		other <input type="checkbox"/>		
liver <input checked="" type="checkbox"/>	intestine <input checked="" type="checkbox"/>				

HISTOLOGY SAMPLES						LYMPH NODES:	
lung <input checked="" type="checkbox"/>	thyroid <input type="checkbox"/>	ileum <input type="checkbox"/>	kidney <input checked="" type="checkbox"/>	mammary gland <input type="checkbox"/>	muscle <input checked="" type="checkbox"/>	colonic <input type="checkbox"/>	gastric <input type="checkbox"/>
trachea <input type="checkbox"/>	tonsil <input type="checkbox"/>	colon <input type="checkbox"/>	ureter <input type="checkbox"/>	adrenal <input type="checkbox"/>	gonad <input checked="" type="checkbox"/>	sublumbar <input type="checkbox"/>	hepatic <input type="checkbox"/>
heart <input checked="" type="checkbox"/>	tongue <input type="checkbox"/>	pancreas <input checked="" type="checkbox"/>	urinary bladder <input checked="" type="checkbox"/>	skin <input checked="" type="checkbox"/>	prostate <input type="checkbox"/>	inguinal <input type="checkbox"/>	mediastinal <input type="checkbox"/>
aorta <input checked="" type="checkbox"/>	esophagus <input type="checkbox"/>	spleen <input checked="" type="checkbox"/>	urethra <input type="checkbox"/>	eye (L/R) <input type="checkbox"/>	uterus <input checked="" type="checkbox"/>	axillary <input type="checkbox"/>	submandibular <input type="checkbox"/>
pulmonary artery <input type="checkbox"/>	stomach <input checked="" type="checkbox"/>	liver <input checked="" type="checkbox"/>	blubber <input checked="" type="checkbox"/>	fat-site: <input checked="" type="checkbox"/>	vagina <input type="checkbox"/>	mesenteric <input type="checkbox"/>	tracheobronchial <input type="checkbox"/>
thymus <input type="checkbox"/>	duodenum <input type="checkbox"/>	gall bladder <input type="checkbox"/>	bone marrow <input type="checkbox"/>		cervix <input type="checkbox"/>		
salivary gland <input type="checkbox"/>	jejunum <input checked="" type="checkbox"/>	brain <input type="checkbox"/>	spinal cord <input type="checkbox"/>	whole repro <input checked="" type="checkbox"/>	penis <input type="checkbox"/>		
other: pulmonary LN							

<b>Cause of death (preliminary diagnosis):</b>	Undetermined (open)		
<b>Examiner:</b>	Dave Rotstein	<b>Examiner's signature:</b>	
		<b>Date:</b>	5/25/2010

**Appendix 9. Oiled Marine Mammal Necropsy Form**

**Oiled Marine Mammal**

**Gross Necropsy Report**

Form completed by: <u>D. Rotstein</u>	Date: <u>5/25/10</u>
Enforcement Officer:	
Strand/Capture location: <u>Grand Isle Beach (29° 21' 26" N, 122° 15' 16" W)</u>	
Collectors Name: <u>Mandy Tumbh, Schuler, Danks</u>	
Intake date: <u>5/24/10</u> <u>Dead</u>	Euthanasia
Death date:	Time: <input type="checkbox"/> yes
Post mortem date: <u>5/25/10</u>	Time: <u>1430</u> <input checked="" type="checkbox"/> no
Carcass Classification: Frozen <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
2- fresh, 3- fair (organs intact) <u>4-poor</u> , 5- mummified	
Photographs: <input checked="" type="checkbox"/>	
Radiographs: <input type="checkbox"/> NO	

Spill Name: <u>BP Deepwater Horizon Spill Incident</u>	
Animal Log # <u>BP 2010-2A28</u>	
Level A Field # <u>M012010-521-VA-201</u>	Tag # <u>RF</u>
Species: <u>Tursiops truncatus</u>	
Sex: <u>F, immature</u>	Age Class: <u>(SA)</u>
Weight: <u>~50</u> kg (estimate/actual)	
SON: emaciated 1 2 3 <u>4</u> 5 6 7 obese	
Measurements: Blubber depth <u>5.0</u> mm	
SL <u>16.5</u> cm	AG <u>NO</u> cm
UG <u>NO</u> cm	XG <u>NO</u> cm

Clinical signs/diagnosis	<u>Found dead</u>
Antibiotics given	<u>No, applicable</u>
Pertinent lab results	<u>No, applicable</u>

**GROSS NECROPSY ABNORMALITIES:**

① Only partial carcass measured

② Extensive post-mortem prolapse of pectoral fins, tail stock, ventral (anterior) flukes (observed), fluke notch, dorsal fin.

③ Extensive post-mortem sloughing of epidermis.

④ No gastric or intestinal contents.

⑤ Post-mortem fracture of right ear.

⑥ Blubber Depth: Dorsal 1.5 cm  
Lateral 0.9 cm  
Ventral 1.0 cm

HYDROCARBON ANALYSIS SAMPLES	MICROBIOLOGY	SWABS: other
bile <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> blood <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> urine <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> liver <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> kidney <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> muscle <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> lung <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> intestine <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	blubber/fat <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> other: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> stomach <input checked="" type="checkbox"/> loop contents <input checked="" type="checkbox"/>	Lung <input type="checkbox"/> Liver <input type="checkbox"/> <u>NO</u> other <input type="checkbox"/>

HISTOLOGY SAMPLES	LYMPH NODES:
lung <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> trachea <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> heart <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> aorta <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> pulmonary artery <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> thymus <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> salivary gland <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> other:	colonic sublumbar inguinal axillary mesenteric gastric hepatic mediastinal submandibular tracheobronchial (retro-orbital, (lung associated))

Cause of death (preliminary diagnosis): <u>Undetermined (open)</u>		
Examiner: <u>5/25/10</u>	Examiner's signature: _____	Date: _____