

SERIO-0364

11/9/10 JW/DMA

6

Oiled Marine Mammal

Gross Necropsy Report

| | | | |
|--------------------------|---|-------------|-----------|
| Form completed by: | Field & Piscitelli | Date: | 6/10/2010 |
| Enforcement Officer: | | | |
| Strand/Capture location: | Grand Isle, LA | | |
| Collectors Name: | Mandy Tuman | | |
| Intake date: | 6/6/2010 | Euthanasia: | |
| Death date: | | Time: | |
| Post mortem date: | 6/10/2010 | Time: | 11:32 |
| Carcass Classification: | Frozen <input type="radio"/> yes <input checked="" type="radio"/> no | | |
| | 2- fresh, 3- fair (organs intact), 4- poor, 5- mummified <input type="text" value="4"/> | | |
| Photographs: | <input checked="" type="checkbox"/> | | |
| Radiographs: | <input type="checkbox"/> | | |

| | | | |
|------------------|--|--------|---|
| Spill Name: | BP Deepwater Horizon | | |
| Animal Log #: | MCT-20100606-LA002 | | |
| Level A Field #: | MCT-20100606-LA002 | Tag #: | LA102 |
| Species: | Tursiops truncatus | | |
| Sex: | Female | Age: | neonate |
| Weight: | NE | kg | <input type="radio"/> estimate/actual <input type="radio"/> |
| SON: | emaciated 1 2 3 4 5 6 7 obese <input type="text" value="4"/> | | |
| Measurements: | Blubber depth 8.0 mm | | |
| SL: | 151 cm | AG: | NE cm |
| UG: | NE cm | XG: | NE cm |

| | |
|--------------------------|----|
| Clinical signs/diagnosis | |
| Antibiotics given | NA |
| Pertinent lab results | |

GROSS NECROPSY ABNORMALITIES:

Teeth count: UR=20 / 10 of which erupted; LR = 18; UL = 21 / 9 of which erupted; LL = 18; no teeth on either L or R mandibles erupted. No evidence of oil in or around the blowhole. Epidermis sloughing off, bloated, intestines protruding from umbilicus. Blubber thickness at mid-thorax (mm): 8 dorsal, 8 lateral, 12 ventral. Medium length tongue papillae present. Approx. 10mL of serosanguinous fluid present in pericardial cavity. Approximately 20mL of serosanguinous fluid in R pleural cavity and ~30mL (collected) in L pleural cavity. Both R and L ventricles contained blood clots. Both lungs were inflated and spongy with a texture that appears and feels "normal". Upon cut, R lung had a moderate load of dead nematodes (collected in ETOH) throughout the parenchyma tissue, especially along the dorsal aspect. L lung was congested with lung worm present throughout dorsal parenchyma tissue. Thymus was extensive and large. Goosebeak NVL. Esophagus NVL. Esophageal epithelium was sloughing off. Larynx contained a few mLs of serosanguinous fluid. Moderate load of lung worm was present in R primary bronchus. Heart: Both L & R ventricle & atria contained blood clots, valves and myocardium NVL. Aorta and pulmonary artery NVL. Spleen NVL, soft and friable. Liver and kidneys NVL. L glenohumeral joint NVL. Urinary bladder empty. Stomach NVL, empty, epithelium sloughing. Small Intestine contained a scant amount of yellow fluid. Colon empty. Subcutaneous tissue of nuchal dent region appeared hemorrhagic ("grape-jelly" tissue) - sampled for histo.

HYDROCARBON ANALYSIS SAMPLES

| | | | | | |
|-------|-------------------------------------|-----------|-------------------------------------|-------------|-------------------------------------|
| bile | <input type="checkbox"/> | kidney | <input checked="" type="checkbox"/> | blubber/fat | <input checked="" type="checkbox"/> |
| blood | <input type="checkbox"/> | muscle | <input checked="" type="checkbox"/> | other: | <input type="checkbox"/> |
| urine | <input type="checkbox"/> | lung | <input checked="" type="checkbox"/> | | |
| liver | <input checked="" type="checkbox"/> | intestine | <input checked="" type="checkbox"/> | | |

MICROBIOLOGY

| | |
|-------|--------------------------|
| Lung | <input type="checkbox"/> |
| Liver | <input type="checkbox"/> |
| other | <input type="checkbox"/> |

SWABS: other

| | |
|--------------------------|--|
| <input type="checkbox"/> | teeth collected, feces in glass tube |
| <input type="checkbox"/> | pleural fluid swab, R lung w/oon ETOH |
| <input type="checkbox"/> | spleen for microbiology, pleural fluid in glass tube |

HISTOLOGY SAMPLES

| | | | | | | | | | | | |
|------------------|-------------------------------------|-----------|-------------------------------------|--------------|-------------------------------------|-----------------|-------------------------------------|---------------|-------------------------------------|----------|-------------------------------------|
| 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"/> |
| trachea | <input type="checkbox"/> | tonsil | <input type="checkbox"/> | colon | <input checked="" type="checkbox"/> | ureter | <input checked="" type="checkbox"/> | adrenal | <input checked="" type="checkbox"/> | gonad | <input checked="" type="checkbox"/> |
| heart | <input checked="" type="checkbox"/> | tongue | <input checked="" type="checkbox"/> | pancreas | <input checked="" type="checkbox"/> | urinary bladder | <input checked="" type="checkbox"/> | skin | <input type="checkbox"/> | prostate | <input type="checkbox"/> |
| aorta | <input checked="" type="checkbox"/> | esophagus | <input checked="" type="checkbox"/> | spleen | <input checked="" type="checkbox"/> | urethra | <input type="checkbox"/> | eyes (L/R) | <input type="checkbox"/> | uterus | <input checked="" type="checkbox"/> |
| pulmonary artery | <input checked="" type="checkbox"/> | stomach | <input checked="" type="checkbox"/> | liver | <input checked="" type="checkbox"/> | blubber | <input checked="" type="checkbox"/> | fat site: | <input type="checkbox"/> | vagina | <input type="checkbox"/> |
| thymus | <input checked="" type="checkbox"/> | duodenum | <input type="checkbox"/> | gall bladder | <input type="checkbox"/> | bone marrow | <input checked="" type="checkbox"/> | | | cervix | <input type="checkbox"/> |
| salivary gland | <input type="checkbox"/> | jejunum | <input checked="" type="checkbox"/> | brain | <input checked="" type="checkbox"/> | spinal cord | <input checked="" type="checkbox"/> | whole repro | <input type="checkbox"/> | penis | <input type="checkbox"/> |

LYMPH NODES:

| | | | |
|------------|-------------------------------------|------------------|-------------------------------------|
| colonic | <input type="checkbox"/> | gastric | <input type="checkbox"/> |
| sublumbar | <input type="checkbox"/> | hepatic | <input type="checkbox"/> |
| inguinal | <input type="checkbox"/> | mediastinal | <input type="checkbox"/> |
| axillary | <input type="checkbox"/> | submandibular | <input type="checkbox"/> |
| mesenteric | <input checked="" type="checkbox"/> | tracheobronchial | <input checked="" type="checkbox"/> |

Cause of death (preliminary diagnosis) Probable Respiratory Disease

Examiner: Cara Field, DVM

Examiner's signature: *[Signature]* Date: 6/10/2010