

10C: SEA TURTLE STRANDING EVENT—EVENT SAMPLE CHECKLIST

**Label all samples with identifier, date, and sample type*

| Condition codes: | Code 0 (live) | Code 1 | Codes 1 & 2 |
|---|--------------------------|--------------------------------------|---|
| Sample / Preservation | Frozen | 10% Formalin | Frozen P = plastic bag F = aluminum foil or glass |
| Fluids | | | |
| Plasma (preferred) or serum (2-3 mls) | <input type="checkbox"/> | | <input type="checkbox"/> Code1 only |
| Bile (5-10 mls, or any available) | | | <input type="checkbox"/> Code1 & 2 |
| Urine (5-10 mls, or any available) | <input type="checkbox"/> | | <input type="checkbox"/> Code1 & 2 |
| Gastrointestinal contents Freeze GI tract wall if empty | | | |
| Stomach contents | | | <input type="checkbox"/> |
| Intestine contents (100-150 mls, or any available) | | | <input type="checkbox"/> |
| Feces (distal colon or cloaca; 100-150 mls, or any available) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Any hard parts, bone, shell (representative subsample) | | | <input type="checkbox"/> |
| Tissues Collect at least 150-250 grams (~ half of fist-sized section) | | | |
| Skin | | <input type="checkbox"/> | |
| Eye | | <input type="checkbox"/> | |
| Conjunctiva | | <input type="checkbox"/> | |
| Tongue | | <input type="checkbox"/> | |
| Skeletal muscle (3 sites: neck and two limbs) | | <input type="checkbox"/> | |
| Trachea | | <input type="checkbox"/> | |
| Lungs (two sections each [different areas]: right & left lung) | | <input type="checkbox"/> | <input type="checkbox"/> P |
| Thyroid | | <input type="checkbox"/> | |
| Thymus | | <input type="checkbox"/> | |
| Heart (one section from ventricle and each atria) | | <input type="checkbox"/> | <input type="checkbox"/> P <input type="checkbox"/> F |
| Aorta | | <input type="checkbox"/> | |
| Liver (one section from each lobe minimum) | | <input type="checkbox"/> | <input type="checkbox"/> P <input type="checkbox"/> F |
| Gall bladder | | <input type="checkbox"/> | |
| Spleen | | <input type="checkbox"/> | <input type="checkbox"/> P |
| Pancreas | | <input type="checkbox"/> | |
| Esophagus | | <input type="checkbox"/> | |
| Stomach | | <input type="checkbox"/> | <input type="checkbox"/> P (if empty) |
| Intestine (one section each: proximal, mid, distal) | | <input type="checkbox"/> | |
| Colon | | <input type="checkbox"/> | |
| Kidney (one section each: right and left kidney) | | <input type="checkbox"/> | <input type="checkbox"/> P <input type="checkbox"/> F |
| Gonads & ducts (oviducts / epididymis, vas deferens) | | <input type="checkbox"/> | |
| Adrenal glands | | <input type="checkbox"/> | |
| Urinary bladder | | <input type="checkbox"/> | |
| Brain (place intact in formalin for Code 1) | | <input type="checkbox"/> | <input type="checkbox"/> P |
| Spinal cord | | <input type="checkbox"/> | <input type="checkbox"/> P |
| Axillary nerve | | <input type="checkbox"/> | |
| Pituitary gland | | <input type="checkbox"/> | |
| Bone marrow (margin of carapace or long bone/pelvis) | | <input type="checkbox"/> | |
| Fat (near kidney left side) | | <input type="checkbox"/> | <input type="checkbox"/> P <input type="checkbox"/> F |
| Other lesions | | <input type="checkbox"/> | <input type="checkbox"/> P |
| Parasites | | <input type="checkbox"/> 70% Ethanol | <input type="checkbox"/> 70% Ethanol |

Frozen samples: All samples should be stored frozen in whatever facility is available. Ultralow storage (-80°C) is preferred, but -20°C (conventional freezer) is also suitable. Fluids should be frozen in cryovials. Tissues are collected in sealable plastic bags (Ziplocks or whirlpaks). For collection in aluminum foil, first place the tissue into a folded foil pouch with the dull surface in contact with the sample, fold the foil to completely over the sample, and then place into a plastic bag.

Formalin-fixed samples: Collect all tissues in 10% neutral buffered formalin. Include normal and abnormal-appearing tissues, especially the margins of lesions if possible. All tissue sections should be less than 1.0 cm thick (except eyes and brain, which are fixed intact) and fixed in a formalin:tissue ratio (by volume) of 10:1.