Mitigation: Suspected petrogenic sheens were removed using absorbent materials.

Observations in Drainage Ways:

- **A-Main**
  - One streamer of metallic/rainbow sheens, one patch and one cover (no particular structure; with 0.05-inch wide oil spot) of rainbow sheens, and one streamer of metallic sheens observed. Sheens did not break when disturbed ("non-brittle")\(^1\).
  - Three patches and one streamer of metallic sheens; and two covers (no particular structure) of rainbow sheens observed. Sheens broke apart when disturbed ("brittle")\(^2\).

- **A365W**
  - Four patches of brittle\(^2\) metallic sheens and two patches brittle\(^2\) rainbow sheens of observed.

- **A365E**
  - One patch of brittle\(^2\) metallic/silver gray sheens, two patches of brittle\(^2\) metallic sheens, and one patch of brittle\(^2\) rainbow sheens observed.

Observations in Dawson Cove Inlet Channel:

- Two streamers and one patch/streamer of non-brittle\(^1\) metallic sheens; and two patches/streamers (one with 0.1-inch wide oil spots) and three covers (no particular structure; with 0.1-inch wide oil spots) of non-brittle\(^1\) rainbow sheens observed.

- One patch of brittle\(^2\) metallic/silver gray sheens, one patch of brittle\(^2\) rainbow sheens, and one streamer of brittle\(^2\) metallic sheens observed.

Notes:
1. Non-brittle sheens are often related to anthropogenic sources, including petrogenic sources (e.g., petroleum hydrocarbons).
2. Brittle sheens are often of natural biogenic origin.
3. Laboratory testing is required to distinguish sheen sources (e.g., crude oil, roadway runoff, natural biologic activity).
Observations in Dawson Cove:

- One streamer and one patch/streamer (with 0.1-inch wide oil spots) of non-brittle metallic/silver gray sheens; one patch/streamer of non-brittle dark/metallic/rainbow sheen with 0.25-inch wide oil spots; one streamer of non-brittle metallic/rainbow sheens with 0.1-inch wide oil spots; two streamers of non-brittle dark/rainbow sheens with 0.1- and 0.25-inch wide oil spots; one streamer of non-brittle dark/rainbow/silver gray sheens with 0.05-inch wide oil spots; and one patch of non-brittle metallic sheens observed.

- Five streamers (three with 0.1-, 0.25-, and 0.5-inch wide oil spots), three patches (one with 0.25-inch wide oil spots), and two covers (no particular structure) of brittle metallic sheens; and one patch, one streamer, one patch/streamer, and one cover (no particular structure) of brittle rainbow sheens with 0.25- and 0.5-inch wide oil spots observed.

Path Forward for 12/23/2013 to 12/29/2013:

- Continue sheen monitoring in all areas.

Notes:

1. Non-brittle sheens are often related to anthropogenic sources, including petrogenic sources (e.g., petroleum hydrocarbons).
2. Brittle sheens are often of natural biogenic origin.
3. Laboratory testing is required to distinguish sheen sources (e.g., crude oil, roadway runoff, natural biologic activity).