

Q See case narrative. One or more quality control criteria was outside the limits.
J estimated value
Q12 Sample pH did not meet test method requirements on arrival, pH adjusted to acceptable level in lab.
SVOC semivolatile organic carbon
TPH total petroleum hydrocarbon
VOC volatile organic carbon
X Analysis not performed on this sample
Z The chromatographic fingerprint does not resemble a petroleum product
N1 Method 8015C Semivolatile Range Organics by GC/FID, 07/21/2020: Sample 20-07208 (360-011) yielded a detection above the MRL for the range of TPHd (C8 - C18). However, the chromatographic fingerprint does not resemble a petroleum product.

N2 Method 8015C Semivolatile Range Organics by GC/FID: Sample 20-07412 (360-011) yielded a detection above the Method Reporting Limit (MRL) for the range of TPHd (C8 - C18). Note the chromatographic fingerprint does not resemble a petroleum product.

N3 Method 8015C Semivolatile Range Organics by GC/FID: Sample 20-07681 360-011 showed a detection above the MRL for the range of TPHd (C8 - C18). However, the chromatographic fingerprint does not resemble a petroleum product.

N4 Method 8015C Semivolatile Range Organics by GC/FID: Sample ERH1256 showed a detection below the MRL for the range of TPHd (C8 - C18). However, the chromatographic fingerprint does not resemble a petroleum product. Re-extraction and reanalysis of the samples yielded non-detect results.

1 These methods convert organic carbon to carbon dioxide in aqueous samples through chemical oxidation. Method 5310B and Method 5310C are derived from the Standard Methods for the Examination of Water and Wastewater; Method 9060A is from EPA's SW-846 Test Methods, which has also been approved within the subcontract. All three methods are acceptable for use in testing for dissolved organic carbon. The three methods have variations in the reagents and process used to extract the organic carbon, which result in different reporting limits.

* Visual/olfactory observations
** Hawaii Revised Statutes, Chapter 340E-24 to inform the SDWB the first time a contaminant is detected instead of in Row 219 and below. Suggest this entry be the date the Navy informed SDWB.
*** MCL for o-xylene and m,p-xylene are based on total MCL for total xylenes