

Ocean Veritas
Lauren Tom and Krystle Chavarria

1. Sampling begins (07:30)
2. Tasks: Krystle=DNA, RNA, Protein, Lauren=INT, AODC, Stable Isotope, VOA Analysis, Nutrient Chemistry, Culturing
3. First Site: OV036:
 - Sampled the surface, and within the plume.
 - OV036-surface: INT, AODC, DNA (6L), RNA (6L), Protein (6L), Stable Isotope, VOA, Nutrient Chemistry, Culturing
 - OV03602+03: INT, AODC, DNA (5.3L), RNA (5.3L), Protein (5.3L), Stable Isotope, VOA, Nutrient Chemistry, Culturing
4. Second site: OV037:
 - Sampled the surface only, no plume detected
 - OV037-surface: INT, AODC, DNA (6.1L), RNA (6.1L), Protein (6L), Stable Isotope, VOA, Nutrient Chemistry, Culturing (ran out of 7mL culture vials, saved 4oz. unfiltered sample in glass bottle instead)
5. Third site: OV038:
 - Sampled the surface only, no plume detected
 - OV038-surface: INT, AODC, DNA (6.2L), RNA (6.1L), Protein (6.1L), Stable Isotope, VOA, Nutrient Chemistry, Culturing (ran out of 7mL culture vials, saved 4oz. unfiltered sample in glass bottle instead)
6. Fourth site: OV039:
 - Sampled the surface only, no plume detected
 - OV039-surface: INT, AODC, DNA (1.8L), RNA (1.8L), Protein (1.8L), Stable Isotope, VOA, Nutrient Chemistry, Culturing (ran out of 7mL culture vials, saved 4oz. unfiltered sample in glass bottle instead)
7. Fifth site: OV040:
 - Sampled the surface and within the plume.
 - OV040-surface: INT, AODC, DNA (1L), RNA (1L), Protein (1L), Stable Isotope, VOA, Nutrient Chemistry, Culturing (ran out of 7mL culture vials, saved 4oz. unfiltered sample in glass bottle instead)
 - OV04003+04: INT, AODC, DNA (5.5L), RNA (5.5L), Protein (5.4L), Stable Isotope, VOA, Nutrient Chemistry, Culturing (ran out of 7mL culture vials, saved 4oz. unfiltered sample in glass bottle instead)
8. Finish filtering (23:00)
9. Packed up lab. Ready to go when the boat docks tomorrow (ETA 05:00)