



TEST REPORT

5001 East Philadelphia Street
Ontario, California – USA 91761-2816
Ph: 909.472.4100 | Fax: 909.472.4243
<http://www.iapmortl.org>

Report Number: 2875-23005

Project No.: 41179

Report Issued: November 27, 2023

Client: Striem
3100 Brinkerhoff Rd
Kansas City, Missouri
Contact: Montgomery Joneslight

Source of Samples: Witness testing was performed at Striem in Kansas City, Missouri from July 31, 2023 through August 4, 2023. The sample was manufactured in good condition.

Date of Testing: July 31, 2023 through August 4, 2023

Sample Description: Oil / Water Separator

	Model	Max. Flow Rate (gpm)	Liquid Capacity (gal)	Oil Capacity (gal)	Solid Capacity (gal)	Size (in)
1	OS-25	25	21	5.25	6	27 x 21 x 15
2	OS-50	50	57	14.25	7	37 x 28 x 28.5
3	OS-75	50	110	27.5	11	46 x 32 x 38.5
4	OS-100	75	250	62.5	95	68 x 33 x 51.5

Scope of Testing: The purpose of testing was to determine whether the sample tested of the oil/water separator met the applicable requirements of IAPMO IGC 325-2023 entitled, "Industry Standard for High Efficiency Oil / Water Separators".

CONCLUSION: The sample tested of the oil / water separator, models listed above, from Striem, **COMPLIED** with the applicable requirements of IAPMO IGC 325-2023.

Witness tested and reported by,

Jeffrey Yu, MSEM, Technical Director

All testing and sample preparation for this report was performed under the continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated. The statement of compliance is based on the test results compared to the standard specifications without considering measurement uncertainty. The observations, test results and conclusions in this report apply only to the specific samples tested and are not indicative of the quality or performance of similar or identical products. Only the Client shown above is authorized to copy or distribute the report, and then only in its entirety. If presented with a copy of a Test Report without the IAPMO R&T Lab watermark background, contact IAPMO R&T Lab for verification. Any use of the IAPMO R&T Lab name for the sale or advertisement of the tested material, product or service is prohibited absent the advance written consent of IAPMO R&T Lab.

Primary Standard: IAPMO IGC 325-2023. Sections Tested / Evaluated.

- 4 General
- 4.1 Material Requirements
- 4.2 Drawings and Supporting Documentation
- 4.3 Ultraviolet (UV) Light Protection
- 4.4 Covers and Risers
- 4.5 Components
- 4.6 Venting
- 4.7 Buried Tanks
- 4.8 Above Ground Tanks
- 5 Test Set-Up
- 6 Testing Requirements
- 6.1 Test Apparatus
- 6.2 Test Procedure
- 6.3 Analysis
- 6.4 Performance Requirements
- 7 Testing Report
- 8 Markings and Accompanying Literature
- 8.1 Markings
- 8.2 Visibility
- 8.3 Installation Instructions

Note: Sections not specifically listed above were considered not applicable to the subject product.

Test Results: All tests and evaluations were conducted per the written procedures as specified in the standards.

4 General Requirements

4.1 Material Requirements

4.1.1 Concrete – NOT APPLICABLE

High efficiency concrete oil/water separators covered by this Standard shall:

- a) comply with the applicable requirements of ASTM C858;
- b) have a wall thickness of at least 2.5 in (63.5 mm);
- c) be made with Type III cement, or Type II or Type V cement where required;
- d) have a maximum water-cementitious ratio of 0.50; and
- e) Concrete separators structural design shall be based on ACI 318, ACI 350 and ASTM C858.

Findings: The tanks were not made of concrete.

4.1.2 Fiber-Reinforced Polyester – NOT APPLICABLE

High efficiency fiber-reinforced polyester oil/water separators covered by this Standard shall comply with the applicable requirements in Section 6 of IAPMO/ANSI Z1000.

Findings: The tanks were not made of fiber-reinforced polyester.

4.1.3 Thermoplastic – COMPLIED

High efficiency polyethylene oil/water separators covered by this Standard shall comply with the applicable requirements in Section 7 of IAPMO/ANSI Z1000, or be made of the following materials:

- (a) Polyvinylchloride (PVC)
 - (i) that complies with cell classification 12454 when tested in accordance with ASTM D1784, or
 - (ii) that complies with cell classification 12344 when tested in accordance with ASTM D1784 with a tensile strength of not less than 45 MPa (6500 psi) and a modulus of elasticity of not less than 2620 MPa (380,000 psi).
- (b) Polyethylene (PE) that complies with or exceeds cell classification 33500B (Type III HDPE) as specified in ASTM D3350.
- (c) Polypropylene (PP) that complies with or exceeds cell classification PP0110B55140 or PP0105G20A33350 specified in ASTM D4101.
- (d) Steel reinforced polyethylene separators shall comply with the applicable requirements of IAPMO IGC 329.

Findings: The material was polyethylene and exceeded the cell classification 33500B. The cell classification found was 5-3-6-6-1-C with 4% carbon black content when tested in accordance with ASTM D3350-21. Refer to CRT report no. 21778.

4.1.4 Steel – NOT APPLICABLE

High efficiency steel oil/water separators covered by this Standard shall comply with the applicable requirements in Section 8 of IAPMO/ANSI Z1000.

Findings: The tanks were not made of steel.

4.2 Drawings and Supporting Documentation – COMPLIED

Drawings shall show all product components, dimensions, flow rate, oil capacity, and liquid capacity.

Findings: The drawings showed the components, dimensions, flow rate, oil capacity, and liquid capacity.

4.3 Ultraviolet (UV) Light Protection – COMPLIED

Materials used in the manufacture of High Efficiency Oil/Water Separators that are sensitive to ultraviolet (UV) light or have no natural resistance to UV light shall be compounded to provide UV light exposure stabilization. The level of stabilization shall be dependent on end-use requirements (e.g., above-ground installations) and the sensitivity of the material to UV light exposure.

Findings: UV stabilizations were added to the material.

4.4 Covers and Risers – COMPLIED

Covers and Risers shall:

- a) provide access to the High Efficiency Oil/Water Separator by water/gas-tight sealed manhole frames, covers, and opening extension systems (risers).
- b) allow access into the entire unit.
- c) be sized to allow for proper maintenance of the units.
- d) Not be able to flip, rotate, or slide, when properly installed.

Findings: The covers and risers:

- a) Were provide access to the High Efficiency Oil/Water Separator by water/gas-tight sealed manhole frames, covers, and opening extension systems (risers).
- b) allowed access into the entire unit.
- c) were sized to allow for proper maintenance of the units.
- d) Were not able to flip, rotate, or slide, when properly installed.

4.5 Components – NOT APPLICABLE

The inlets, outlets, baffles, and weirs shall be placed, and provided with the required piping, tees, and other approved fittings, allowing for the proper operation of the units. Pipes shall comply with the requirements of ASTM F891, tees and other approved fittings shall comply with the requirements of ASTM D1785 or ASTM D2665.

Findings: There were no components.

4.6 Venting – COMPLIED

At least one 2 in (50.8 mm) diameter vent hole is to be provided on the unit. All vent connections shall be within the top 12 in (305 mm) of the tank.

Findings: The vents were 3” diameter and were within 12” of the tank.

4.7 Buried Tanks

4.7.1 General – COMPLIED

High Efficiency Oil/Water Separators intended for below-grade (i.e., buried) installations shall be capable of withstanding:

- a) The loads specified in sections 4.7.3 to 4.7.5 when full and when empty; and
- b) Stresses and loads encountered during shipping, handling, installation, operation, and maintenance.

Findings:

- a) Refer to sections 4.7.3 to 4.7.5 of this report.
- b) The tanks were capable of withstanding the loads encountered during shipping, handling, installation, operation, and maintenance.

4.7.2 Calculations – COMPLIED

Structural performance shall be verified by design calculations conducted by a licensed professional engineer in accordance with sections 4.7.3 and 4.7.5.

Findings: Refer to DHG report no. 2023-127 MS 5.00, 2023-127 MS 6.00, and 2023-127 MS 2.00.

4.7.3 Exterior Tank Walls – COMPLIED

Exterior tank walls shall be capable of withstanding an

- a) internal hydrostatic pressure exerted by a column of water of a height equivalent to the height of the outlet invert; and
- b) external earth load equivalent to the pressure exerted by a fluid with a density of 30 lb/ft³ (480 kg/m³).

Findings: Refer to DHG report no. 2023-127 MS 5.00, 2023-127 MS 6.00, and 2023-127 MS 2.00.

4.7.4 Vertical Earth Loads – COMPLIED

Tanks and covers shall be designed to carry a vertical earth load of at least 500 lb/ft² (24 kPa) [i.e., designed for a minimum burial depth of 3 ft (0.9 m)].

Findings: Refer to DHG report no. 2023-127 MS 5.00, 2023-127 MS 6.00, and 2023-127 MS 2.00.

4.7.5 Vehicular Traffic – COMPLIED

High Efficiency Oil/Water Separators intended for installation in vehicular traffic areas shall be designed to meet the A-16 vehicle loads specified in ASTM C890 (i.e., AASHTO HS20-44).

Findings: Refer to DHG report no. 2023-127 MS 5.00, 2023-127 MS 6.00, and 2023-127 MS 2.00.

4.8 Above Ground Tanks – COMPLIED

High Efficiency Oil/Water Separators intended for above-ground installations shall be designed in accordance with ASCE 7 and capable of:

- a) withstanding design loads;
- b) maintaining their structural integrity when filled, without
 - i. deforming in such a way as the structural integrity is compromised;
 - ii. collapsing; or
 - iii. cracking; and
- c) withstanding stresses and loads during shipping, handling, installation, operation, and maintenance.

Findings: The tanks were able to

- a) withstand design loads;
- b) maintained their structural integrity when filled, without
 - i. deforming in such a way as the structural integrity is compromised;
 - ii. collapsing; or
 - iii. cracking; and
- c) withstand stresses and loads during shipping, handling, installation, operation, and maintenance.

5.1 Water – COMPLIED

The water utilized to test the high efficiency oil/water separator shall be potable water obtained from a local municipality or similar source. The temperature shall be between 4°C (39°F) and 20°C (77°F) and the pH value shall be 7 ± 1 .

Findings: The water temperature was between 39 °F and 77 °F and the pH value was between 6 to 8.

5.2 Light Liquid (Oil) – COMPLIED

The light liquid shall be motor oil having a specific gravity of 54.94 ± 0.9 lb/ft³ (0.88 ± 0.015 g/cm³) at 59°F (15°C).

Findings: The motor oil was Service Pro Synthetic Blend Motor Oil with a specific gravity of 0.88 g/cm³.

5.3 Liquid Holding Capacity – COMPLIED

The liquid holding capacity is the volume of liquid that the High Efficiency Oil/Water Separator holds prior to flowing out the outlet. This can be determined experimentally by filling the High Efficiency Oil/Water Separator through a totalizer to the invert of the outlet, or by supporting engineering calculations.

Findings:

Model	OS-100	OS-75	OS-50	OS-25
Liquid Holding Capacity (gal)	250	110	57	21

5.4 Oil Holding Capacity – COMPLIED

The oil holding capacity is specified by the manufacturer. It is the maximum amount of oil the High Efficiency Oil/Water Separator can hold while continuing to operate within the performance requirements outlined in section 6.4. The minimum oil capacity is equal to 25% of the High Efficiency Oil/Water Separator's liquid holding capacity. For example, if the High Efficiency Oil/Water Separator's liquid holding capacity is calculated at 100 gal. (378.5L), the minimum oil capacity shall be 25 gal. (94.6L).

Findings:

Model	OS-100	OS-75	OS-50	OS-25
Oil Holding Capacity (gal)	62.5	27.5	14.25	5.25
Percentage of Liquid Capacity (%)	25	25	25	25

5.5 Test Batches – FOLLOWED

The tests were run in batches. Each batch lasted 5 min in duration. 20 batches were run in succession until the manufacturer's specified oil holding capacity were reached.

5.6 Pre-filled Oil Capacity – FOLLOWED

The High Efficiency Oil/Water separator will be pre-filled with oil prior to running the test batches. The amount of oil is determined by the below system of equations, or simplified single equation, such that the twentieth test batch will test to the manufacturer's specified oil holding capacity.

Findings:

Model	OS-100	OS-75	OS-50	OS-25
Flow Rate (gpm)	75	50	50	25
Total Oil Introduced (gal)	7.5	5	5	2.5
Pre-filled Oil Capacity (gal)	55	22.5	9.25	2.75

6 Testing Requirements

6.1 Test Apparatus – FOLLOWED

Findings: The test apparatus was per Figure 1

6.2 Test Procedure - FOLLOWED

Findings: The tanks were pre-filled with oil and oil and water mixed at a rate of 1000 ppm oil to water for 5 minute batch. The samples were collected and labelled with model number, batch number, date and time, and name of the person(s) collecting the sample.

6.3 Analysis – COMPLIED

The analysis shall be performed by using extraction and gravimetry method in accordance with EPA Method 1664a.

Findings: The analysis was performed by using extraction and gravimetry method in accordance with EPA Method 1664a.

6.4 Performance Requirements – COMPLIED

The maximum allowable content of residual oils in the effluent wastewater for compliance with this standard is 100 ppm (mg/L). If the average of any two successive batches is greater than the maximum allowable content of residual oils in the effluent wastewater, it constitutes a failure.

Findings:

	Model	ALS Environmental report	Comment
1	OS-25	HS23080328	No result exceeded 100 mg/L
2	OS-50	HS230820322	No result exceeded 100 mg/L
3	OS-75	HS23080306	No result exceeded 100 mg/L
4	OS-100	HS23080175	No result exceeded 100 mg/L

7 Testing Report – COMPLIED

The test report shall at a minimum include:

- a) The tested High Efficiency Oil/Water Separator's make and model as well as the manufacturer's description, including all standard ancillary equipment.
- b) A copy of the High Efficiency Oil/Water Separator's specification sheet.
- c) A copy of all the laboratory sample reports.
- d) The flow rate of oil and water at which the test was conducted, the High Efficiency Oil/Water Separator's inlet/outlet pipe size, the oil holding capacity, the type of oil used, its specific gravity, and viscosity, the date the test was performed, and the name and signature of the person who completed the test.

Findings:

- a) The model number was included.
- b) The High Efficiency Oil/Water Separator's specification sheet was available.
- c) Laboratory sample reports were available.
- d) The inlet and outlet were both 4". The vent size was 3". The oil used was Service Pro Synthetic Blend Motor Oil. The names, dates and signatures were included.

8 Markings and Accompanying Literature

8.1 Markings – COMPLIED

High Efficiency Oil/Water separator complying with this Standard shall be marked with the:

- a) manufacturer's name or trademark;
- b) model number;
- c) IAPMO standard designation (i.e., "IAPMO IGC 325");

Findings: The tanks were marked with the manufacture's name, "Striem", the corresponding model number, and the Standard designation, "IAPMO IGC 325"

8.2 Visibility – COMPLIED

The markings were permanent, legible, and visible after installation.

8.3 Installation Instructions – COMPLIED

High Efficiency Oil/Water separator shall be accompanied by instructions for their installation, care and maintenance, and repair.

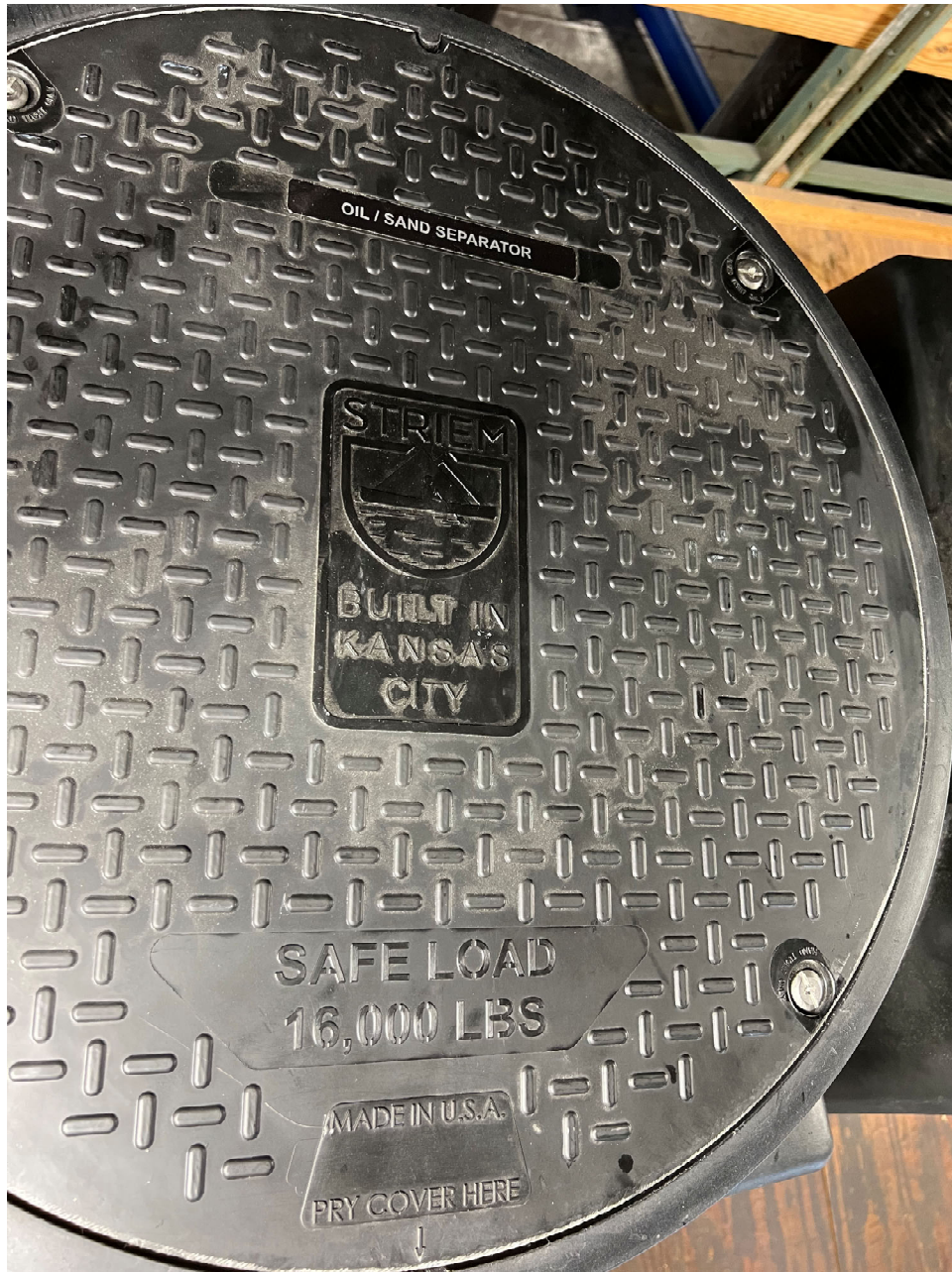
Findings: Instructions for installation, care and maintenance and repair were provided.

Photographs of the Tested Sample:











Client: Striem
 Project: IGC-325
 Sample ID: 100-1
 Collection Date: 31-Jul-2023 08:18

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	48.0		2.00	mg/L	1	08-Aug-2023 13:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-2
 Collection Date: 31-Jul-2023 08:31

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	40.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-3
 Collection Date: 31-Jul-2023 08:45

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	39.6		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-4
 Collection Date: 31-Jul-2023 08:56

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	53.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-5
 Collection Date: 31-Jul-2023 09:05

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	40.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
Project: IGC-325
Sample ID: 100-6
Collection Date: 31-Jul-2023 09:15

ANALYTICAL REPORT

WorkOrder:HS23080175
Lab ID:HS23080175-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	43.7		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-7
 Collection Date: 31-Jul-2023 09:26

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-07
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	40.0		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-8
 Collection Date: 31-Jul-2023 09:51

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-08
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	19.1		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-9
 Collection Date: 31-Jul-2023 10:06

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-09
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	23.3		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-10
 Collection Date: 31-Jul-2023 10:20

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-10
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	21.9		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-11
 Collection Date: 31-Jul-2023 12:30

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-11
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	31.0		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-12
 Collection Date: 31-Jul-2023 12:39

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-12
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	50.0		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-13
 Collection Date: 31-Jul-2023 12:56

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-13
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	31.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
Project: IGC-325
Sample ID: 100-14
Collection Date: 31-Jul-2023 14:02

ANALYTICAL REPORT

WorkOrder:HS23080175
Lab ID:HS23080175-14
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	40.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-15
 Collection Date: 01-Aug-2023 18:53

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-15
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	34.4		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-16
 Collection Date: 01-Aug-2023 19:00

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-16
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	36.3		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-17
 Collection Date: 01-Aug-2023 19:16

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-17
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	39.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-18
 Collection Date: 01-Aug-2023 19:34

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-18
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	33.5		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
 Project: IGC-325
 Sample ID: 100-19
 Collection Date: 01-Aug-2023 19:44

ANALYTICAL REPORT

WorkOrder:HS23080175
 Lab ID:HS23080175-19
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	31.7		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Striem
Project: IGC-325
Sample ID: 100-20
Collection Date: 01-Aug-2023 19:51

ANALYTICAL REPORT

WorkOrder:HS23080175
Lab ID:HS23080175-20
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
OIL & GREASE (HEM) BY E1664A		Method:E1664A				Analyst: MC
Oil and Grease	37.1		2.00	mg/L	1	09-Aug-2023 16:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.