



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Oilfield Environmental & Compliance, Inc. (OEC)

307 Roemer Way, Santa Maria, CA 93454

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Biological and Environmental Testing (As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date: Issue Date:

Expiration Date:

January 13, 2021

June 12, 2024

June 12, 2026

Revision Date:

Accreditation No.:

Certificate No.:

October 15, 2025

99137

L24-437-R1

Tracy Szerszen President

Troy, Michigan 48084

Perry Johnson Laboratory Accreditation, Inc. (PJLA) 755 W. Big Beaver, Suite 1325 The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com





Oilfield Environmental & Compliance, Inc.

307 Roemer Way, Santa Maria, CA 93454 Contact Name: Drew Miller Phone: 805-354-7306

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Biological	Ambient Water	Total Coliform Enumeration	Colilert	Chromofluorogenic	F2	F
Biological	Ambient Water	Total Coliform Enumeration	Colilert 18	Chromofluorogenic	F2	F
Biological	Ambient Water	E. coli Enumeration	SM 9223 B	Chromofluorogenic	F2	F
Biological	Drinking Water	Fecal Coliform, Enumeration	SM 9221 B, E	Fermentation broth	F2	F
Biological	Drinking Water	E. Coli, Enumeration	SM 9223 B	Chromofluorogenic	F2	F
Biological	Drinking Water	E. Coli, P/A	SM 9223 B	Chromofluorogenic	F2	F
Biological	Drinking Water	Total Coliform, Enumeration	SM 9223 B	Chromofluorogenic	F2	F
Biological	Drinking Water	Total Coliform, P/A	SM 9223 B	Chromofluorogenic	F2	F
Biological	Non-Potable Water	Fecal Coliform, Enumeration	Colilert 18	Chromofluorogenic	F2	F
Biological	Ambient Water Drinking Water Non- Potable Water	Enterococci	Enterolert	Fluorogenic	F2	F
Biological	Ambient Water Drinking Water Non- Potable Water	Total Coliform Enumeration	SM 9221 B, C	Fermentation broth	F2	F
Biological	Ambient Water Non-Potable Water	E. coli Enumeration	Colilert	Chromofluorogenic	F2	F
Biological	Ambient Water Non-Potable Water	E. coli Enumeration	Colilert 18	Chromofluorogenic	F2	F
Biological	Ambient Water Non-Potable Water	Fecal Coliform Enumeration	SM 9221 C, E	Fermentation broth	F2	F
Biological	Drinking Water Non-Potable Water	Heterotrophic Bacteria	SM 9215 B	Pour plate	F2	F
Biological	Non-Potable Water	Total Coliform Enumeration	Colilert	Chromofluorogenic	F2	F
Biological	Non-Potable Water	Total Coliform Enumeration	Colilert 18	Chromofluorogenic	F2	F
Environmental	Drinking Water	Hydrogen Ion (pH)	EPA 150.1	Electrometric	F2	F
Environmental	Drinking Water	Hydrogen Ion (pH)	SM 4500-H ^{+B}	Electrometric	F2	F





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Environmental	Drinking Water	Metals	EPA 200.7	ICP-AES	F2, F3	F
Environmental	Drinking Water	Metals	EPA 200.8	ICP-MS	F2, F3	F
Environmental	Drinking Water	Metals	SM 3120 B	ICP-AES	F2, F3	F
Environmental	Drinking Water	Chromium (VI)	EPA 218.6	IC-UV	F2	F
Environmental	Drinking Water	Mercury	EPA 245.1	CVAAS	F2	F
Environmental	Drinking Water	Mercury	SM 3112 B	CVAAS	F2	F
Environmental	Drinking Water	Anions	EPA 300.0	IC-COND	F2, F3	F
Environmental	Drinking Water	Anions	SM 4110B	IC-COND	F2, F3	F
Environmental	Drinking Water	Color	SM 2120 B	Visual	F2	F
Environmental	Drinking water	Turbidity	EPA 180.1	Turbidimetric	F2	F
Environmental	Drinking water	Turbidity	SM 2130B	Turbidimetric	F2	F
Environmental	Drinking water	Alkalinity	SM 2320 B	Titrimetric	F2	F
Environmental	Drinking water	Corrosivity	SM 2330 B	Calculation	F2	F
Environmental	Drinking water	Ca Hardness as CaCO3	SM 2340 B	Calculation	F2	F
Environmental	Drinking water	Hardness (Calculation)	SM 2340 B	Calculation	F2	F
Environmental	Drinking water	Hardness	SM 2340 C	Titrimetric	F2	F
Environmental	Drinking water	Conductivity	SM 2510 B	Conductivity meter	F2	F
Environmental	Drinking water	TS	SM 2540 B	Gravimetric	F2	F
Environmental	Drinking water	Residue, Filterable TDS	SM 2540 C	Gravimetric	F2	F
Environmental	Drinking water	TSS	SM 2540 D	Gravimetric	F2	F
Environmental	Drinking water	Chlorine, Free Available	SM 4500-Cl G	UV-VIS Spectrophotometer	F2	F
Environmental	Drinking water	Chlorine, Total Residual	SM 4500-Cl G	UV-VIS Spectrophotometer	F2	F





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Environmental	Drinking water	Cyanide, Total	SM 4500-CN E	UV-VIS Spectrophotometer	F2	F
Environmental	Drinking water	Ammonia (as N)	SM 4500-NH3 D	Electrometric	F2	F
Environmental	Drinking water	Phosphate, Ortho	SM 4500-P E	UV-VIS Spectrophotometer	F2	F
Environmental	Drinking water	Organic carbon-Dissolved (DOC)	SM 5310 B	TOC-IR	F2	F
Environmental	Drinking water	Organic carbon-Total (TOC)	SM 5310 B	TOC-IR	F2	F
Environmental	Drinking water	Surfactants	SM 5540C	UV-VIS Spectrophotometer	F2	F
Environmental	Drinking water	UV254	SM 5910B	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Specific Conductance	EPA 120.1	Conductivity Meter	F2	F
Environmental	Non-potable water	Residue, Volatile	EPA 160.4	Gravimetric	F2	F
Environmental	Non-potable water	1,4-Dioxane	EPA 1625	GC-MS	F2	F
Environmental	Non-potable water	Oil & Grease, Total Recoverable	EPA 1664	Gravimetric	F2	F
Environmental	Non-potable water	Metals	EPA 200.7	ICP-AES	F2, F3	F
Environmental	Non-potable water	Metals	EPA 200.8	ICP-MS	F2, F3	F
Environmental	Non-potable water	Chromium (VI)	EPA 218.6	IC-UV	F2	F
Environmental	Non-potable water	Metals	EPA 6010	ICP-AES	F2, F3	F
Environmental	Non-potable water	Metals	EPA 6020	ICP-MS	F2, F3	F
Environmental	Non-potable water	Hardness	SM 2340 B	Calculation	F2	F
Environmental	Non-potable water	Metals	SM 3120 B	ICP-AES	F2, F3	F
Environmental	Non-potable water	Metals	SM 3125 B	ICP-MS	F2, F3	F
Environmental	Non-potable water	Chromium (VI)	EPA 7196	UV-VIS Spectrophotometer	F2	F





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Environmental	Non-potable water	Mercury	EPA 245.1	CVAAS	F2	F
Environmental	Non-potable water	Mercury	EPA 7470	CVAAS	F2	F
Environmental	Non-potable water	Mercury	SM 3112 B	CVAAS	F2	F
Environmental	Non-potable water	Phosphate, Ortho (as P)	EPA 365.3	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Phosphorus, Total	EPA 365.3	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Chemical Oxygen Demand	EPA 410.4	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Phenols, Total	EPA 420.1	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Calcium hardness as CaCO3	SM 2340 B	Calculation	F2	F
Environmental	Non-potable water	Organochlorine Pesticides & PCBs	EPA 608.3	GC-ECD	F2, F3	F
Environmental	Non-potable water	Volatile Organic Compounds	EPA 624.1	GC-MS	F2, F3	F
Environmental	Non-potable water	Volatile Organic Compounds	EPA 8260	GC-MS	F2, F3	F
Environmental	Non-potable water	Semi-volatile Organic Compounds	EPA 625.1	GC-MS	F2, F3	F
Environmental	Non-potable water	Diesel-range Total Petroleum Hydrocarbons	EPA 8015	GC-FID	F2, F3	F
Environmental	Non-potable water	Ethanol and Methanol	EPA 8015	GC-FID	F2, F3	F
Environmental	Non-potable water	Gasoline-range Organics	EPA 8015	GC-FID	F2, F3	F
Environmental	Non-potable water	Organochlorine Pesticides	EPA 8081	GC-ECD	F2, F3	F
Environmental	Non-potable water	PCBs	EPA 8082	GC-ECD	F2, F3	F
Environmental	Non-potable water	Oxygenates	EPA 8260	GC-MS	F2, F3	F
Environmental	Non-potable water	Extractable Organics	EPA 8270	GC-MS	F2, F3	F
Environmental	Non-potable water	Cyanide	EPA 9014	Titration	F2	F





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Environmental	Non-potable water	Sulfides, Total	EPA 9034	Titration	F2	F
Environmental	Non-potable water	Corrosivity - pH Determination	EPA 9040	Electrometric	F2	F
Environmental	Non-potable water	Anions	EPA 9056	IC-COND	F2, F3	F
Environmental	Non-potable water	Anions	EPA 300.0	IC-COND	F2, F3	F
Environmental	Non-potable water	Chemical Oxygen Demand	Hach 8000	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Diesel-range Total Petroleum Hydrocarbons	LUFT 2012 rev. 2015 Modified	GC-FID	F3, F4	F
Environmental	Non-potable water	Total Petroleum Hydrocarbons - Gasoline	LUFT 2012 rev. 2015 Modified	GC-FID	F3, F4	F
Environmental	Non-potable water	BTEX and MTBE	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F3, F4	F
Environmental	Non-potable water	Diesel-range Total Petroleum Hydrocarbons	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F3, F4	F
Environmental	Non-potable water	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F3, F4	F
Environmental	Non-potable water	Color	SM 2120 B	Visual	F2	F
Environmental	Non-potable water	Turbidity	SM 2130 B	Turbidimetric	F2	F
Environmental	Non-potable water	Turbidity	EPA 180.1	Turbidimetric	F2	F
Environmental	Non-potable water	Alkalinity	SM 2320 B	Titrimetric	F2	F
Environmental	Non-potable water	Hardness	SM 2340 C	Titrimetric	F2	F
Environmental	Non-potable water	Specific Conductance	SM 2510 B	Conductivity Meter	F2	F
Environmental	Non-potable water	Residue, Total	SM 2540 B	Gravimetric	F2	F
Environmental	Non-potable water	Residue, Filterable (TDS)	SM 2540 C	Gravimetric	F2	F
Environmental	Non-potable water	Residue, Non-filterable (TSS)	SM 2540 D	Gravimetric	F2	F
Environmental	Non-potable water	Residue, Fixed	SM 2540 E	Gravimetric	F2	F
Environmental	Non-potable water	Residue, Volatile	SM 2540 E	Gravimetric	F2	F





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Environmental	Non-potable water	Residue, Settleable	SM 2540 F	Gravimetric	F2	F
Environmental	Non-potable water	Temperature	SM 2550 B	CAL	F2	
Environmental	Non-potable water	Chromium (VI)	SM 3500-Cr B	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Chromium (VI)	SM 3500-Cr C	IC-UV	F2	
Environmental	Non-potable water	Iron	SM 3500-Fe B	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Anions	SM 4110 B	IC-COND	F2, F3	F
Environmental	Non-potable water	Chlorine, Free Available	SM 4500-Cl G	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Chlorine, Total Residual	SM 4500-Cl G	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Cyanide, Total	SM 4500-CN- E	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Hydrogen Ion (pH)	SM 4500-H+ B	Electrometric	F2	F
Environmental	Non-potable water	Ammonia (as N)	SM 4500-NH3 D	Electrometric	F2	F
Environmental	Non-potable water	Kjeldahl Nitrogen, Total (as N)	SM 4500-NH3 D	Electrometric	F2	F
Environmental	Non-potable water	Kjeldahl Nitrogen, Total (as N)	SM 4500-Norg C	PREP	F2	F
Environmental	Non-potable water	Oxygen, Dissolved	SM 4500-O G	Electrometric	F2	F
Environmental	Non-potable water	Phosphate, Ortho (as P)	SM 4500-P E	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Phosphorus, Total	SM 4500-P E	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Biochemical Oxygen Demand	SM 5210 B	Electrometric	F2	F
Environmental	Non-potable water	Carbonaceous BOD	SM 5210 B	Electrometric	F2	F
Environmental	Non-potable water	Chemical Oxygen Demand	SM 5220 D	UV-VIS	F2	F





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Environmental	Non-potable water	Organic carbon-Total (TOC)	SM 5310 B	TOC-IR	F2	F
Environmental	Non-potable water	TRPH	SM 5520 F	GRAV	F2	F
Environmental	Non-potable water	Phenols, Total	SM 5530 D	UV-VIS Spectrophotometer	F2	F
Environmental	Non-potable water	Surfactants	SM 5540 C	UV-VIS Spectrophotometer	F2	F
Environmental	Oil	PCBs	EPA 8082	GC-ECD	F2, F3	F
Environmental	Solids	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II	Bio-Toxicity	F1, F2, F3	F
Environmental	Solids	Ignitability	EPA 1010	Closed Cup	F1, F2	F
Environmental	Solids	Ignitability	EPA 1030	Strip Ignition	F1, F2	F
Environmental	Solids	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	PREP	F1, F2	F
Environmental	Solids	n-Hexane Extractable Material (O&G)	EPA 1664	Gravimetric	F1, F2	F
Environmental	Solids	Non-Polar Extractable Material (TPH)	EPA 1664 (SGT-HEM)	Gravimetric	F1, F2	F
Environmental	Solids	Anions	EPA 300.0	IC-COND	F1, F2, F3	F
Environmental	Solids	Total Phosphorus	EPA 365.3	UV-VIS Spectrophotometer	F1, F2	F
Environmental	Solids	Ammonia (as N)	SM 4500-NH3 D	Electrometric	F2	F
Environmental	Solids	Kjeldahl Nitrogen, Total (as N)	SM 4500-NH3 D	Electrometric	F2	F
Environmental	Non-potable water	Kjeldahl Nitrogen, Total (as N)	SM 4500-Norg C	PREP	F2	F
Environmental	Solids	Metals	EPA 6010	ICP-AES	F1, F2, F3	F
Environmental	Solids	Metals	EPA 6020	ICP-MS	F1, F2, F3	F
Environmental	Solids	Chromium (VI)	EPA 7196	UV-VIS	F1, F2	F
Environmental	Solids	Chromium (VI)	EPA 7199	IC-UV	F1, F2	F





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Environmental	Solids	Mercury	EPA 7471	CVAAS	F1, F2	F
Environmental	Solids	Diesel-range Total Petroleum Hydrocarbons	EPA 8015	GC-FID	F1, F2, F3	F
Environmental	Solids	Gasoline-range Organics	EPA 8015	GC-FID	F1, F2, F3	F
Environmental	Solids	Organochlorine Pesticides	EPA 8081	GC-ECD	F1, F2, F3	F
Environmental	Solids	PCBs	EPA 8082	GC-ECD	F1, F2, F3	F
Environmental	Solids	Oxygenates	EPA 8260	GC-MS	F1, F2, F3	F
Environmental	Solids	Volatile Organic Compounds	EPA 8260	GC-MS	F1, F2, F3	F
Environmental	Solids	Extractable Organics	EPA 8270	GC-MS	F1, F2, F3	F
Environmental	Solids	PAHs	EPA 8270-SIM	GC-MS	F1, F2, F3	F
Environmental	Solids	Cyanide	EPA 9014	Titrimetric	F1, F2	F
Environmental	Solids	Corrosivity - pH Determination	EPA 9045	Electrometric	F1, F2	F
Environmental	Solids	Anions	EPA 9056	IC-COND	F1, F2, F3	F
Environmental	Solids	Diesel-range Total Petroleum Hydrocarbons	LUFT 2012 rev. 2015 Modified	GC-FID	F1, F3, F4	F
Environmental	Solids	Total Petroleum Hydrocarbons - Gasoline	LUFT 2012 rev. 2015 Modified	GC-FID	F1, F3, F4	F
Environmental	Solids	BTEX and MTBE	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F1, F3, F4	F
Environmental	Solids	Diesel-range Total Petroleum Hydrocarbons	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F1, F3, F4	F
Environmental	Solids	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS 2012 rev. 2015 Modified	GC-MS	F1, F3, F4	F
Environmental	Solids	Reactive Cyanide	Section 7.3 SW-846	Titrimetric	F1, F2	F
Environmental	Solids	Reactive Sulfide	Section 7.3 SW-846	Titrimetric	F1, F2	F
Environmental	Solids	Anions	SM 4110B	IC-COND	F1, F2, F3	F





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Accreditation is granted to the facility to perform the following conformity assessment activities:

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Environmental	Solids and Chemical	96 Hour LC50	Polisini & Miller (CDFG 1988)	Bio-Toxicity	F1	F

1. Location of activity:

Location

Location

F Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:

- F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
- F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
- F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
- F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
- F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
- F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope.