

## 10.6 Scope of Accreditation

Issue No:04/ Issue Date: 03-March-2021  
File Manager: Hamza Khan



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0042

### Testing Laboratory Accreditation No. ATL 0042

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

<b>Lonestar Technical Services LLC - Testing Laboratory</b>	
<p><b>Address.</b> Bldg. DY 34, Inside Dubai Ship Docking Yard, Al Jadaf, Dubai, United Arab Emirates, PO Box 8817, Bur Dubai, United Arab Emirates</p>	<p>Contact Person: Mubeen Sheikh Tel: +971 4 324 3888 Fax: +971 4 324 3682 Email: <a href="mailto:testing@lonestar-lab.com">testing@lonestar-lab.com</a> Web Address:</p>

#### **Locations where testing activities covered by the above Accreditation Standard are undertaken**

1- **address:** Bldg. DY 34, Inside Dubai Ship Docking Yard, Al Jadaf, Dubai, United Arab Emirates

#### **For the following scope:**

#### **7. Chemical Testing:**

7.66 Water

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Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS, OR PRODUCTS TESTED	SPECIFIC TESTS/ PARAMETERS/ PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical Testing	Drinking Water: Metals	Beryllium, Aluminum, Vanadium, Chromium, Manganese, Nickel, Cobalt, Copper, Zinc, Arsenic, Selenium, Molybdenum, Cadmium, Antimony, Thallium, Lead, Thorium, Uranium, Barium, Silver, Mercury	US EPA 200.8 / CHM-SOP-282-06
Chemical Testing	Drinking Water: Metals	Boron, Iron, Sodium, Magnesium, Calcium, Potassium, Silicon	US EPA 200.7 / CHM-SOP-291-06
Chemical Testing	Drinking Water: Metals	Mercury	US EPA 245.1 / CHM-SOP-076E-07
Chemical Testing	Drinking Water: Volatile Organic Compounds	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride (Chloroethene), Bromomethane (Methyl Bromide), Chloroethane (Ethyl Chloride), Trichlorofluoromethane, 1,1-Dichloroethene, Acetone, Methylene Chloride, Trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-Dichloroethane, 2-Butanone (MEK), Bromochloromethane, Chloroform, 2,2-Dichloropropane, Benzene, Carbon Tetrachloride, 1,1-Dichloropropene, 1,1,1-Trichloroethane	US EPA 524.2 / CHM-SOP-268-09

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Chemical Testing	Drinking Water: Volatile Organic Compound	1,2-Dichloroethane, Trichloroethylene, 1,2-Dichloropropane, Dibromomethane, Bromodichloromethane, cis-1,3-Dichloropropene, 4-Methyl-2-Pentanone (MIBK), Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, 2-Hexanone, 1,3-Dichloropropane, Dibromochloromethane, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene	US EPA 524.2 / CHM-SOP-268-09
Chemical Testing	Drinking Water: Volatile Organic Compound	1,1,1,2-Tetrachloroethane, m&p-Xylene, o-Xylene, Styrene, Bromoform, Isopropyl Benzene, Bromobenzene, n-Propylbenzene, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, tert-Butylbenzene, 1,2,4-Trimethylbenzene, sec-Butylbenzene, 4-Isopropyltoluene	US EPA 524.2 / CHM-SOP-268-09
Chemical Testing	Drinking Water: Volatile Organic Compound	1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butylbenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene	US EPA 524.2 / CHM-SOP-268-09

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Chemical Testing	Drinking Water: Volatile Organic Compound- Total Trihalomethanes	Chloroform, Bromoform, Bromodichloromethane, Dibromochloromethane, Total Trihalomethanes	US EPA 524.2 / CHM-SOP-268-09
Chemical Testing	Drinking Water: Halo Acetic Acid	Monobromoacetic Acid, Monochloroacetic Acid, Dibromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid	US EPA 552.3 / CHM-SOP-271-08
Chemical Testing	Drinking Water: Organochlorine Pesticides/PCB's	Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor, PCB (as Decachlorobiphenyls), Toxaphene, Aldrin, Alpha-BHC, Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248	US EPA 508 / CHM-SOP-266-01
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Organochlorine Pesticides	Aldrin α-BHC γ-BHC (Lindane) β-BHC	US EPA SW846/8081A/ CHM-SOP-050-03
Chemical Testing	Drinking Water: Organochlorine Pesticides/PCB's	Aroclor 1254, Aroclor 1260, Beta-BHC, Delta-BHC, Dieldrin, Endosulfan I Endosulfan II, Endosulfan Sulfate, Endrin Aldehyde, Gama-BHC (Lindane), p,p'-DDD, p,p'-DDE, p,p'-DDT	US EPA 508 / CHM-SOP-266-01
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Organochlorine Pesticides	δ-BHC, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulphate, Endrin, Endrin aldehyde, Heptachlor, Heptachlor epoxide, Methoxychlor	US EPA SW846/8081A/ CHM-SOP-050-03

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Chemical Testing	Ground Water, Sea Water and Sandy Soil: Total Petroleum Hydrocarbons	Gasoline Range Organics [GRO] by purge and trap GC-FID	US EPA Method SW 846/8015B/ CHM-SOP-036-03
		Diesel Range Organics [DRO] by solvent extraction and GC-FID	
Chemical Testing	Groundwater, Sea Water and Sandy Soil: Volatile Organic Compounds	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride (Chloroethene), Bromomethane (Methyl Bromide), Chloroethane (Ethyl Chloride), Trichlorofluoromethane, 1,1-Dichloroethene, Acetone, Methylene Chloride, Trans-1,2-dichloroethene, Cis-1,2-dichloroethene, 1,1-Dichloroethane, 2-Butanone (MEK), Bromochloromethane, Chloroform, 2,2-Dichloropropane, 1,1,1-Trichloroethane	US EPA Method SW 846/ 8260B/ CHM-SOP-173-00
Chemical Testing	Groundwater, Sea Water and Sandy Soil: Volatile Organic Compounds	Carbon Tetrachloride, 1,1-Dichloropropene, Benzene, 1,2-Dichloroethane, Trichloroethylene, 1,2-Dichloropropane, Dibromomethane, Bromodichloromethane, cis-1,3-Dichloropropane, 4-Methyl-2-Pentanone (MIBK), Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, 2-Hexanone, 1,3-Dichloropropane, Dibromochloromethane	US EPA Method SW 846/ 8260B/ CHM-SO-173-00

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Chemical Testing	Groundwater, Sea Water and Sandy Soil: Volatile Organic Compounds	1,2-Dibromoethane, Chlorobenzene, Ethylbenzene, 1,1,1,2-Tetrachloroethane, m&p-Xylene, o-Xylene, Styrene, Bromoform, Isopropyl Benzene, Bromobenzene, n-Propylbenzene, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, tert-Butylbenzene 1,2,4-Trimethylbenzene, sec-Butylbenzene, 4-Isopropyltoluene, 4-Isopropyltoluene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butylbenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene	US EPA Method SW 846/ 8260B/ CHM-SO-173-00
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Semi-Volatile Organic Compounds	Pyridine, N-Nitrosodimethylamine, Bis(2-chloroethyl) ether, Aniline, Phenol,	US EPA Method SW 846/8270C/ CHM-SOP-260-10
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Semi-Volatile Organic Compounds	2-Chlorophenol, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, Benzyl alcohol, Bis(2-chloroisopropyl) ether, 2-Methylphenol, Hexachloroethane, N-Nitroso-di-n-propylamine, 4-Methyl phenol, Nitrobenzene, 2,4-Dimethylphenol, Isophorone, 2-Nitrophenol, Bis(2-chloroethoxy) methane, 2,4-Dichlorophenol, 1,2,4-Trichlorobenzene	US EPA Method SW 846/8270C/CHM-SOP-260-10

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Chemical Testing	Ground Water, Sea Water and Sandy Soil: Semi-Volatile Organic Compounds	Benzoic acid, Naphthalene, 4-Chloroaniline, 2,6-Dichlorophenol, Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-methylnaphthalene, Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Acenaphthylene, Dimethyl phthalate, 2,6-Dinitrotoluene, Acenaphthene, 3-Nitroaniline	US EPA Method SW 846/8270C/ CHM-SOP-260-10
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Semi-Volatile Organic Compounds	2,4-Dinitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 4-Nitrophenol, Pentachlorobenzene, Fluorene, 4-Chlorophenyl phenyl ether, Diethylphthalate, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, Azobenzene, 4-Bromophenyl phenyl ether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene	US EPA Method SW 846/8270C/ CHM-SOP-260-10
Chemical Testing	Ground Water, Sea Water and Sandy Soil: Semi-Volatile Organic Compounds	Di-n-butylphthalate, Fluoranthene, Benzidine, Pyrene, Bis (2-ethylhexyl) Adipate, Butyl benzyl phthalate, 3,3'-Dichlorobenzidine, Dibenz (a,h) anthracene, Chrysene, Bis (2-ethylhexyl) phthalate, Di-n-octyl phthalate, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenz (a,h) anthracene, Benzo (g,h,i) perylene	US EPA Method SW 846/8270C/ CHM-SOP-260-10

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**GAC**

مركز الإعتداف الخليجي  
 GCC ACCREDITATION CENTER



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**Note:** the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

### Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

### Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn



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**END**

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen