

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 213</b>
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## **Accreditation No: LAB 213**

**Awarded to**

**Environmental Services Pakistan (Private) Limited,  
731, Block-2, Sector D-1, Shah Jilani Road, Lahore - Pakistan.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **30-12-2020** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **29-12-2026**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

**PAKISTAN NATIONAL ACCREDITATION COUNCIL**

21-04-2025  
Date

SD  
Director General



**ACCREDITATION  
DOCUMENT**

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**LAB 213**

**Testing Laboratory.**

Accreditation Scope of Environmental Services Pakistan (Private) Limited.  
 Lahore, Pakistan.

Permanent laboratory premises

Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference
Water/ Wastewater	Environmental Testing	Determination of pH	SMWW 4500 H <sup>+</sup> B
		Determination of Chemical Oxygen Demand (COD)	SMWW 5220 C, D
		Determination of Total Dissolved Solids (TDS)	SMWW 2540 C
		Determination of Chlorides (Cl)	SMWW 4500 Cl <sup>-</sup> B
		Determination of Hardness (as CaCO <sub>3</sub> )	SMWW 2340 B, C
		Determination of Alkalinity (as CaCO <sub>3</sub> )	SMWW 2320B, USEPA 310.1, ASTM D1067 AOAC 920.194-1920
		Determination of Conductivity	SMWW 2510B, USEPA 120.1, ASTM D1125-14
		Determination of Sulphate (SO <sub>4</sub> )	SMWW 4500 SO <sub>4</sub> <sup>2-</sup> C, USEPA 375.3
		Determination of Fluoride (F)	SMWW 4500 F <sup>-</sup> C, USEPA 9214, ASTM D1179
		Determination of Total Suspended Solids (TSS)	SMWW 2540D, USEPA 160.2, ASTM D5907
		Determination of Calcium (Ca)	SMWW 3111 B, D USEPA 7000-B
		Determination of Chromium (Cr)	SMWW 3111 B USEPA 7000-B
Determination of Copper (Cu)	SMWW 3111 B USEPA 7000-B		

21-04-2025  
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Sd  
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<b>Materials/ Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference</b>
Water/ Wastewater	Environmental Testing	Determination of Iron (Fe)	SMWW 3111 B USEPA 7000-B
		Determination of Potassium (K)	SMWW 3111 B USEPA 7000-B
		Determination of Lead (Pb)	SMWW 3111 B USEPA 7000-B
		Determination of Magnesium (Mg)	SMWW 3111 B USEPA 7000-B
		Determination of Manganese (Mn)	SMWW 3111 B USEPA 7000-B
		Determination of Sodium (Na)	SMWW 3111 B USEPA 7000-B
		Determination of Nickel (Ni)	SMWW 3111 B USEPA 7000-B
		Determination of Zinc (Zn)	SMWW 3111 B USEPA 7000-B

21-04-2025  
Date

Sd \_\_\_\_\_  
Director