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**Responsibilities, Accomplishments, and Workplan of the four (4) Functional Section of PD 1435  
 As of March 2024**

PD 1435 Sections	Responsibilities	Summary of Accomplishments (2019 - 2023)	Workplan
Regulatory Section	Responsible for the implementation of DA DC No. 03 s. 2019 and DA MC 33 s. 2020	<ol style="list-style-type: none"> <li>Assessment and Monitoring of Soil Laboratories as per DA MC 33 s. 2020               <ul style="list-style-type: none"> <li>Online assessment of 37 Applicant SL (2021-2022)</li> <li>Monitoring of 18 Licensed SL (2023)</li> </ul> </li> <li>Technical Assistance for 10 institutions on the Establishment of Soil Laboratories</li> </ol>	<p>Assessment of 30 Applicant Soil Laboratories and 20 Licensed Soil Laboratories</p> <p>Technical assistance and conduct of orientation seminar for 10 institutions for the establishment of Soil Laboratories</p>
Quality Assurance Section	Monitoring and improvement of technical competency of the Laboratory Services Division (LSD), DA Regional Soil Laboratories (DA RSLs) and all other Soil Laboratories (SLs) in the Philippines.	<ol style="list-style-type: none"> <li>Fifteen (15) major training activities conducted 2019-2023; with up to 5000 participants (Soil Laboratory personnel and from other institutions).</li> <li>Proficiency Testing Facilitation – Program to assess and monitor competence of Soil Laboratories through analysis of a Soil Sample.               <ul style="list-style-type: none"> <li>20 Laboratory Participants to PT provided in collaboration with FFTC-TARI from 2019-2021.</li> <li>Conduct of 1st Phil NASOLAN Proficiency Testing Program, with 28 Laboratory Participants.</li> </ul> </li> </ol>	<p>Eight Capacity Building Programs for 2024.</p> <p>Administer Proficiency Testing of Asian Soil Laboratory Network Members (200 Laboratories) &amp; 2024 Phil NASOLAN Proficiency Testing Scheme</p>
Technical Equipment and Instrument Calibration Section	Effective maintenance and efficient upkeep laboratory equipment expanded to provide calibration services	<ol style="list-style-type: none"> <li>114 (RSLs) and 168 (BSWM and NSWRRDC) State of the Art Equipment – 2021.</li> <li>On-going provision of 14 State of the Art Equipment to 4 State Universities and Colleges - 2023</li> <li>Procurement of Equipment and Standard Methods for Calibration Room.</li> <li>Establishment of Ani at Kita Customer Center in BSWM;</li> <li>One (1) mobile soil laboratory ongoing procurement.</li> </ol>	Operationalization of Calibration Room and 17 Mobile Soil Laboratories
Laboratory Management Information System Section	Establish the right framework to facilitate and maintain the technological	<ol style="list-style-type: none"> <li>BSWM Pilot Laboratory for LMIS and National Soil Test Databank Establishment</li> <li>Establishment of the parent website (cloud based) for the conduct of the Proficiency Testing Scheme</li> </ol>	Expansion of LMIS system to cover 16 Regional Soil Laboratories

	throughput of Laboratory data	3. Development of PD 1435 Parent Website to digitalize online transactions from the soil laboratories	
Other Activities under PD 1435		<p>Harmonization of SOPs:</p> <p>1) Publication of GLOSOLAN SOPs</p> <ul style="list-style-type: none"> <li>• Soil Organic Carbon (2019)</li> <li>• Soil Electrical Conductivity (2021)</li> <li>• Soil Available Phosphorus – Olsen (2021)</li> <li>• Soil Available Phosphorus – Bray I &amp; II (2021)</li> <li>• Soil Bulk Density (2023)</li> <li>• Soil respiration (2023)</li> </ul>	<p>Harmonization of Method for the ff GLOSOLAN SOPs:</p> <p>Soil Microbiology:</p> <ul style="list-style-type: none"> <li>• Microbial Enzymatic Activity</li> </ul> <p>Soil physics</p> <ul style="list-style-type: none"> <li>• Particle size analysis.</li> </ul> <p>Soil chem</p> <ul style="list-style-type: none"> <li>• Cation Exchange Capacity</li> </ul>
Establishment and Maintenance of the Philippine National Soil Laboratory Network (Phil NASOLAN)		<p>Phil NASOLAN Established September 2019, with annual general assembly conducted:</p> <ul style="list-style-type: none"> <li>• 1<sup>st</sup> GA last November 9-10, 2020</li> <li>• 2<sup>nd</sup> GA last December 22, 2021</li> <li>• 3<sup>rd</sup> GA last December 28, 2022</li> <li>• 4<sup>th</sup> GA last November 20-22, 2023</li> </ul>	<p>Conduct of routinary meeting of Phil NASOLAN Members and execution of developed workplan.</p>