별첨 3. Biweekly 보고서

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| **Biweekly Research Progress Report**   |  |  |  | | --- | --- | --- | | **Name** | **:** | Lee ChanKeun | | **Advisor** | **:** | Young-Keun Kim (signature) | | **Period** | **:** | Week 6~7 | | **WBS** | **:** | SWIR Camera contents Proposal | | **Research Results in This Biweek**  **Buy a lens filter after selecting the appropriate wavelength band**  **Purchase and supply of plastic by type**  **텍스트, 직사각형, 친필, 실내이(가) 표시된 사진  자동 생성된 설명투명, 플라스틱, 투명 소재, 비닐 랩이(가) 표시된 사진  자동 생성된 설명**   * PVC, AC,PC, PET   **Seeking datasets to apply HSI** | | | | **Research Items in Next Biweek**   * Collect data by type of plastic as soon as the lens filter arrives * Determine which datasetws can apply HSI | | | | **Issues and Overall Progress**  **Conclusion Based on Interim Research Results**   * Successfully set up the SWIR camera environment and achieved basic image acquisition.   **Progress Analysis for WBS**   * Overall progress: **27% complete** * Remaining tasks include selecting the application and experiment.   **Countermeasures for Potential Delays**   * We are struggling because the HSI dataset is rarely disclosed   **Advisor Meeting Outcomes**   * Advisor suggested comparing different spectral bands for improved defect detection. * Referencing and retrieving more datasets are recommended. | | | |