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|  | Date | PDB ID | Plant Type | Plant ID | M3 Sludge loaded in last 7 days | Liquid level CM at PDB ( Measure from the top sand level ) | Plant Height, meter | # of shoots from root | Plant Root area ( Monthly once ) mXm | Plant Leaf Monitoring ( Any attack from insecticide ) | Color of plant leaf ( Yellowish / Green . Light green ) | Image |
| 1 | 23rd May 2022 | 2.1 | Packchung | P2.1. 1 | 14 | 5 | 1.3 | 3 | .9X.7 | Small holes at plant leaf | Green |  |

**Plantation Monitoring Format of PDB**

**Objective – Plants growth monitoring in different PDB;s and Type**

**Factors –**

1. PDB sludge loading
2. Liquid height in PDB
3. Weather ( Sun / Rain, Temperature )
4. Distribution of raw sludge over PDB
5. Solid sludge accumulation

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|  |  | | **Flow Rate Measurement Planted Drying Bed** | |  | | |  |  |  |  |  |  |
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|  |  | |  | | Instructions - | | |  |  |  |  |  |  |
|  |  | |  | | 1. Required - 20L Bucket / any related size . 1 stop watch ( Use from Phone )  2. Place the bucket at the outlet of each PDB or Inlet of distribution Chamber (where isolated connection from PDB is available )and calculate the filling time , Flowrate = Volume / Time ( L / s ) , Repeat two / three times and make an average  3. Record all the PDB each day not only the laoded PDB  4. Record Three times a day | | | | | | | |  |
|  | **Sl #** | | **Date** | | **Time** | | | **PDB2.1 L/s** | **PDB2.2**  **L/s** | **PDB2.3**  **L/s** | **PDB2.4**  **L/s** | **PDB3.5** | **Remarks** |
|  |  | | **3rd August,22** | | **9.00AM** | | | **1,2** | **0,9** | **0,2** | **0,1** | **0,8** | **Sunnny Day** |
|  | Example | | 1.00 PM | | | **0,9** | **0,2** | **0,1** | **0,5** | 1,2 |
|  |  | | 3.30PM | | | 0,5 | 0,2 | 0,4 | 0,56 | 0,7 |
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