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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** |  |  |  |  |  |  |  |
|  |  |  |  |
|  |  |  | 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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