Database Structure

TABLE NAME: **pump\_station**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FIELD NAME** | **TYPE** | **LENGTH** | **DEFAULT VALUE** | **REMARKS** |
| id | INT |  | null | Unique ID for every pump station |
| branch\_id | INT |  | null | Revenue Center id |
| pump\_station\_code | VARCHAR |  |  | PMP001-0000-0001(PMP + BRANCH CODE + MMYY + 4 SEQUENTIAL |
| pump\_location | TEXT |  |  | Pump Station Address |
| pump\_status | TINYINT |  |  | running/maintenance/condemned |
| pump\_id | INT |  |  | id of pump |
| genset\_id | INT |  |  | id of genset |
| cp\_id | TINYINT |  |  | id of control panel |
| msa\_id | TINYINT |  |  | id of meter set assembly |
| fm\_id | INT |  |  | id of flow meter |
| fm\_prev\_rdg | DOUBLE |  | 0 | Pump Flow Meter last reading (update every reading upload / installation of new flow meter) |
| drain\_pipe\_type | VARCHAR |  |  | Type of pipe of drain |
| drain\_pipe\_size | VARCHAR |  |  | Size of pipe of drain |
| chlorinator\_id | INT |  |  | id of chlorinator |
| on\_off\_status | TINYINT |  |  | Pump On/Off status |
| created\_at | DATETIME |  |  | creation date and time |
| created\_by | INT |  |  | encoder |
| updated\_at | DATETIME |  |  | modification date and time |
| updated\_by | INT |  |  | encoder |

TABLE NAME: **branches**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FIELD NAME** | **TYPE** | **LENGTH** | **DEFAULT VALUE** | **REMARKS** |
| id | INT |  | null | Unique ID for every pump station |
| branch\_code | INT |  | null | Revenue Center Unique code |
| branch\_name | VARCHAR |  |  | PMP001-0000-0001(PMP + BRANCH CODE + |
| branch\_address | TEXT |  |  | Pump Station Address |
| pump\_status | TINYINT |  |  | running/maintenance/condemned |
| pump\_id | INT |  |  | id of pump |
| genset\_id | INT |  |  | id of genset |
| cp\_id | TINYINT |  |  | id of control panel |
| msa\_id | TINYINT |  |  | id of meter set assembly |
| fm\_id | INT |  |  | id of flow meter |
| fm\_prev\_rdg | DOUBLE |  | 0 | Pump Flow Meter last reading (update every reading upload / installation of new flow meter) |
| drain\_pipe\_type | VARCHAR |  |  | Type of pipe of drain |
| drain\_pipe\_size | VARCHAR |  |  | Size of pipe of drain |
| chlorinator\_id | INT |  |  | id of chlorinator |
| on\_off\_status | TINYINT |  |  | Pump On/Off status |
| created\_at | DATETIME |  |  | creation date and time |
| created\_by | INT |  |  | encoder |
| updated\_at | DATETIME |  |  | modification date and time |
| updated\_by | INT |  |  | encoder |