**FEATURE GIS PDAM KAB. KOTAWARINGIN TIMUR**

**Nama Layer:**

1. **Perpipaan**
   1. **pipa**
2. **Aksesoris**
   1. **Valve**
   2. **reducer**
   3. **Tee**
   4. **Bend**
   5. **Meter induk**
   6. **Dop**
   7. **Air valve**
   8. **PRV**
   9. **Manometer**
   10. **Fire hydrant**
   11. **Pompa**
   12. **Genset**
   13. **Washout**
   14. **Cleambsaddle**
   15. **Dresserjoint**
3. **Pelanggan**
   1. **Bangunan pelanggan - polygon**
   2. **Water meter pelanggan - point**
4. **Bangunan**
   1. **Reservoir**
   2. **Jembatan pipa**
   3. **Kantor**
   4. **Syphon**
   5. **Rumah**
   6. **Sumber**
   7. **Intake**
   8. **IPA**
5. **Pendukung**
   1. **Kejadian**
   2. **As Jalan**
   3. **Kecamatan**
   4. **Desa**
   5. **InfoJalan**
   6. **Point of interest**
   7. **Toponimi**
   8. **As sungai**

**Pipa - Line**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer | 15,20,25,50,63,90,110,160,200,250, 300,315,350,400,500,630 (mm)  Diameter luar |
| **3** | Panjang | Numeric |  |
| **4** | JenisBahan | Character varying (15) | PVC,GI,HDPE,Steel,ACP |
| **5** | Kedalaman | Numeric |  |
| **6** | Elevasi | Int |  |
| **7** | Tekanan | Numeric |  |
| **8** | Kategori | Character varying (15) | (trasmisi,distribusi,tersier,dinas,rencana) |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Valve - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer | 63,90,110,160,200,250, 300,315,350,400,500 (mm) |
| **4** | JenisBahan | Character varying (15) | PVC,Steel |
| **5** | Kedalaman | Numeric | centimeter |
| **8** | Type | Character varying (15) | Butterfly,gatevalve,flange, checkvalve |
|  | elevasi |  | mdpl |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Reducer - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **4** | JenisBahan | Character varying (15) | PVC,GI,HDPE,Steel,ACP |
| **5** | Kedalaman | Numeric | centimeter |
| **8** | Kategori | Character varying (15) | (trasmisi,distribusi,tersier,dinas,rencana) |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Tee - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **4** | JenisBahan | Character varying (15) | PVC,GI,HDPE,Steel,ACP |
| **5** | Kedalaman | Numeric | centimeter |
| **8** | Kategori | Character varying (15) | (trasmisi,distribusi,tersier,dinas,rencana) |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Bend - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Sudut | Integer |  |
| **4** | JenisBahan | Character varying (15) | PVC,GI,HDPE,Steel,ACP |
| **5** | Kedalaman | Numeric | centimeter |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Meter Induk - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | JenisBahan | Character varying (15) | PVC,GI,HDPE,Steel,ACP |
|  | NamaFile |  |  |
|  | URLFile |  |  |
| **4** | NomerSeri |  |  |
| **5** | Merk |  |  |
| **6** | Type |  | Basah,Kering |
| **7** | Kategori | Character varying (15) | (trasmisi,distribusi) |
| **8** | tglPemasangan | Date |  |
| **9** | TglPerbaikanTerakhir | Date |  |
| **10** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Dop - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **4** | JenisBahan | Character varying (15) | PVC,HDPE |
| **5** | Kedalaman | Numeric | centimeter |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**AirValve - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | JenisBahan | Character varying (15) | GI,HDPE |
| **4** | Kategori | Character varying (15) | (transmisi,distribusi) |
| **5** | tglPemasangan | Date |  |
| **6** | TglPerbaikanTerakhir | Date |  |
| **7** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**ManoMeter - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | Merk | Character varying (15) |  |
| **4** | Akurasi |  |  |
| **5** | tglPemasangan | Date |  |
|  | TglPerbaikanTerakhir | Date |  |
|  | Pelaksana | Character varying (100) |  |
|  | NoSPK | Character varying (100) |  |
|  | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
|  | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**FireHydrant - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | Type |  |  |
| **4** | Kondisi |  |  |
| **5** | JenisBahan | Character varying (15) | Steel |
|  | tglPemasangan | Date |  |
| **6** | TglPerbaikanTerakhir | Date |  |
| **7** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Pompa - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter INPUT | Integer | (mm) |
| **3** | DiameterOutput |  | (mm) |
| **4** | Merk |  |  |
| **5** | Type |  | Submersible,centrifugal |
| **6** | Kapasitas |  | L/detik |
| **7** | Head |  | Meter |
| **8** | Phase |  | 1 phase,3 phase |
|  | RPM |  | Rpm |
|  | Ampere |  | Ampere |
|  | Daya |  | Watt |
|  | Voltase |  | Volt |
|  | SumberTenaga |  | Genset,PLN, |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**Genset - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **4** | Merk |  |  |
| **5** | Type |  | Open,Silent |
| **6** | Kapasitas |  | Kva |
| **8** | Phase |  | 1 phase,3 phase |
|  | RPM |  | Rpm |
|  | Ampere |  | Ampere |
|  | Daya |  | Watt |
|  | FaktorDaya |  |  |
|  | Voltase |  | Volt |
|  | BahanBakar |  | Solar,Bensin |
|  | tglPemasangan | Date |  |
| **5** | TglPerbaikanTerakhir | Date |  |
| **6** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**WashOut - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | Kondisi |  |  |
| **4** | JenisBahan | Character varying (15) | Steel |
| **5** | Kedalaman |  |  |
| **6** | tglPemasangan | Date |  |
| **6** | TglPerbaikanTerakhir | Date |  |
| **7** | Pelaksana | Character varying (100) |  |
| **11** | NoSPK | Character varying (100) |  |
| **12** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **13** | Wilayah | Character varying (15) |  |
| **15** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**DresserJoint - point**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter | Integer |  |
| **3** | JenisBahan | Character varying (15) | Steel |
| **4** | Kedalaman | Numeric | centimeter |
| **5** | Kategori | Character varying (15) | (trasmisi,distribusi,tersier,dinas,rencana) |
| **6** | tglPemasangan | Date |  |
| **7** | TglPerbaikanTerakhir | Date |  |
| **8** | Pelaksana | Character varying (100) |  |
| **9** | NoSPK | Character varying (100) |  |
| **10** | SumberDana | Character varying (15) | Pdam,apbd,apbn,swadaya,lain-lain |
| **11** | Wilayah | Character varying (15) |  |
| **12** | Keterangan | Text |  |
| **16** | validasi | boolean |  |

**BangunanPelanggan - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | NomorSambung |  |  |
| **3** | Nama |  |  |
| **4** | Alamat |  |  |
| **5** | Wilayah |  |  |
| **6** | NomorJalan |  |  |
| **7** | GolonganTarif |  |  |
| **8** | StatusKepemilikan |  |  |
| **9** | JumlahPenghuni |  |  |
| **10** | Status |  | Aktif,Tutup,Buka Kembali,CalonPelanggan, DaftarTunggu |
| **11** | Jenis |  | MBR,Promo,Reguler |
| **12** | NomorHP |  |  |
| **13** | NOmorKTP |  |  |
| **14** | NomorKK |  |  |
| **15** | NomorRegister |  |  |
| **16** | TglRegister |  |  |
| **17** | TglMulaiberlangganan |  |  |
| **18** | Keterangan |  |  |
| **19** | Validasi |  |  |
| **20** | URLFoto |  |  |
| **21** | URLfotoKTP |  |  |
|  |  |  |  |

**WaterMeterPelanggan - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
| **2** | Diameter |  |  |
| **3** | NomorSambung |  |  |
| **4** | Merk |  |  |
| **5** | NomorSeri |  |  |
| **6** | Type |  | Basah,Kering |
| **7** | Bahan |  | Kuningan,Plastik,Besi,HDPE |
| **8** | Wilayah |  |  |
| **9** | StandMeterTerakhir |  |  |
| **10** | PemakaianTerakhir |  |  |
| **11** | TglPasang |  |  |
| **12** | TglPerbaikanAkhir |  |  |
| **13** | Keterangan |  |  |
| **14** | Validasi |  |  |
| **15** | URLFoto |  |  |
|  |  |  |  |

**Reservoir - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Kapasitas |  |  |
|  | Tinggi |  |  |
|  | Material |  | Metal,Beton,Fiber |
|  | Jenis |  | Besar,Kecil |
|  | TglBangun |  |  |
|  | TglPerawatanAkhir |  |  |
|  | TglPengurasanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**JembatanPipa - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Material |  | RangkaBesi,Kayu, |
|  | Konstruksi |  | Gantung, |
|  | TglBangun |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**Kantor - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Nama |  |  |
|  | Alamat |  |  |
|  | Kepemilikan |  | MilikSendiri,Sewa,PinjamPakais |
|  | TglBangun |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**Syphon - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Material |  | Kayu,Beton |
|  | TglBangun |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**Rumah - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Nama |  |  |
|  | Alamat |  |  |
|  | Jenis |  | RumahGenset,RumahPompa,RumahJaga,Gudang,Lainlain |
|  | Kepemilikan |  | MilikSendiri,Sewa,PinjamPakai |
|  | TglBangun |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**Sumber - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Nama |  |  |
|  | Alamat |  |  |
|  | Type |  | MataAir,SumurDalam,SumurDangkal,Resapan |
|  | Debit |  |  |
|  | TglDipergunakan |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**Intake - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Nama |  |  |
|  | Alamat |  |  |
|  | Debit |  |  |
|  | Kedalaman |  |  |
|  | TglDipergunakan |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |

**IPA - polygon**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Atribut** | **Tipe Data** | **Keterangan** |
| **1** | ID | Integer |  |
|  | Nama |  |  |
|  | Alamat |  |  |
|  | Type |  | Lengkap,Sebagian |
|  | Kapasitas |  |  |
|  | Debit |  |  |
|  | Konstruksi |  | Baja,Beton,container |
|  | Pabrikasi |  |  |
|  | TglDipergunakan |  |  |
|  | TglPerawatanAkhir |  |  |
|  | Kondisi |  |  |
|  | Pelaksana |  |  |
|  | NoSPK |  |  |
|  | SumberDana |  | APBN,APBD,PDAM,lain-lain |
|  | Keterangan |  |  |
|  | FileFoto |  |  |
|  | URLFoto |  |  |
|  |  |  |  |