**《饮用水源地》数据库文档**

最后修改日期：2020-09-24

表名：administrative\_region (区划表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 唯一标识 |
|  | code | varchar | 15 |  | 否 | 否 | 否 |  |  |
|  | name | varchar | 100 |  | 否 | 否 | 否 |  |  |
|  | source | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | revision | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | namespace | varchar | 200 |  | 否 | 否 | 否 |  |  |

表名：protection\_region (保护区表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 唯一标识 |
|  | name | varchar | 500 |  | 否 | 否 | 否 |  |  |
|  | type | varchar | 50 |  | 否 | 否 | 否 |  |  |
|  | level | varchar | 50 |  | 否 | 否 | 否 |  |  |
|  | ranks | varchar | 200 |  | 否 | 否 | 否 |  |  |
|  | administrative\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | remark | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | well\_count | int |  |  | 否 | 否 | 否 |  |  |
|  | code | varchar | 500 |  | 否 | 否 | 否 |  |  |
|  | cancel\_time | datetime | 36 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_area (保护区表\_面积表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 唯一标识 |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | rank | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | area | decimal | 18 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime | 36 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_attach (保护区表\_附件表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 唯一标识 |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | attach\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime | 36 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_file\_attach (电子档案表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 主键 |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  | 保护区id |
|  | type | varchar | 200 |  | 否 | 否 | 否 |  | 隔离设施类型 |
|  | name | varchar | 500 |  | 否 | 否 | 否 |  |  |
|  | attach\_id | varchar | 1000 |  | 否 | 否 | 否 |  | 附件 |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  | 创建时间 |
|  | attach\_name | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | region\_id | varchar | 36 |  | 否 | 否 | 否 |  | 所属区划 |

表名：protection\_region\_inspect (保护区-巡查)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | punch\_in\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | namespace | varchar | 500 |  | 否 | 否 | 否 |  |  |
|  | isolation\_enclosure | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | monitoring\_facility | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | violation\_project | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | threatening\_security | varchar | 2000 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | user\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | attachs | varchar | 1000 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_monitor\_point (保护区-监测点)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  | 主键 |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  | 保护区id |
|  | name | varchar | 500 |  | 否 | 否 | 否 |  | 监测点名称 |
|  | code | varchar | 500 |  | 否 | 否 | 否 |  | 编号 |
|  | longitude | decimal | 9 |  | 否 | 否 | 否 |  | 经度 |
|  | latitude | decimal | 9 |  | 否 | 否 | 否 |  | 维度 |
|  | remark | text |  |  | 否 | 否 | 否 |  | 备注 |
|  | monitor\_point\_1 | varchar | 1000 |  | 否 | 否 | 否 |  | 备用字段 |
|  | monitor\_point\_2 | varchar | 1000 |  | 否 | 否 | 否 |  | 备用字段 |
|  | monitor\_point\_3 | varchar | 1000 |  | 否 | 否 | 否 |  | 备用字段 |

表名：protection\_region\_point (保护区-拐点坐标表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | rank | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | name | varchar | 200 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_well\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | area | decimal | 18 |  | 否 | 否 | 否 |  |  |
|  | scope | varchar | 1000 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_point\_coordinate (保护区-拐点坐标表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | protection\_region\_point\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | coordinate | varchar | 100 |  | 否 | 否 | 否 |  |  |
|  | longitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | latitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_punch\_in (保护区-打卡)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | user\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | user\_name | varchar | 20 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | longitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | latitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |

表名：protection\_region\_well (保护区-水源井)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | name | varchar | 200 |  | 否 | 否 | 否 |  |  |
|  | longitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | latitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime | 36 |  | 否 | 否 | 否 |  |  |

表名：violation\_project (巡查记录表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | name | varchar | 20 |  | 否 | 否 | 否 |  |  |
|  | phone | varchar | 20 |  | 否 | 否 | 否 |  |  |
|  | mail | varchar | 100 |  | 否 | 否 | 否 |  |  |
|  | unit | varchar | 200 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_name | varchar | 50 |  | 否 | 否 | 否 |  |  |
|  | type | varchar | 20 |  | 否 | 否 | 否 |  |  |
|  | administrative\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | address | varchar | 200 |  | 否 | 否 | 否 |  |  |
|  | longitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | latitude | decimal | 9 |  | 否 | 否 | 否 |  |  |
|  | protection\_region\_rank | varchar | 20 |  | 否 | 否 | 否 |  |  |
|  | content | text |  |  | 否 | 否 | 否 |  |  |
|  | opinion | text |  |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | user\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | namespace | varchar | 1000 |  | 否 | 否 | 否 |  |  |

表名：violation\_project\_attach (巡查记录附件表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | violation\_project\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | attach\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |

表名：violation\_project (违规项目)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
|  | id | varchar | 36 |  | 是 | 否 | 否 |  |  |
|  | protection\_region\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | year | varchar | 4 |  | 否 | 否 | 否 |  |  |
|  | month | varchar | 50 |  | 否 | 否 | 否 |  |  |
|  | quality\_index\_id | varchar | 36 |  | 否 | 否 | 否 |  |  |
|  | value | varchar | 50 |  | 否 | 否 | 否 |  |  |
|  | status | varchar | 10 |  | 否 | 否 | 否 |  |  |
|  | create\_time | datetime |  |  | 否 | 否 | 否 |  |  |
|  | namespace | varchar | 1000 |  | 否 | 否 | 否 |  |  |