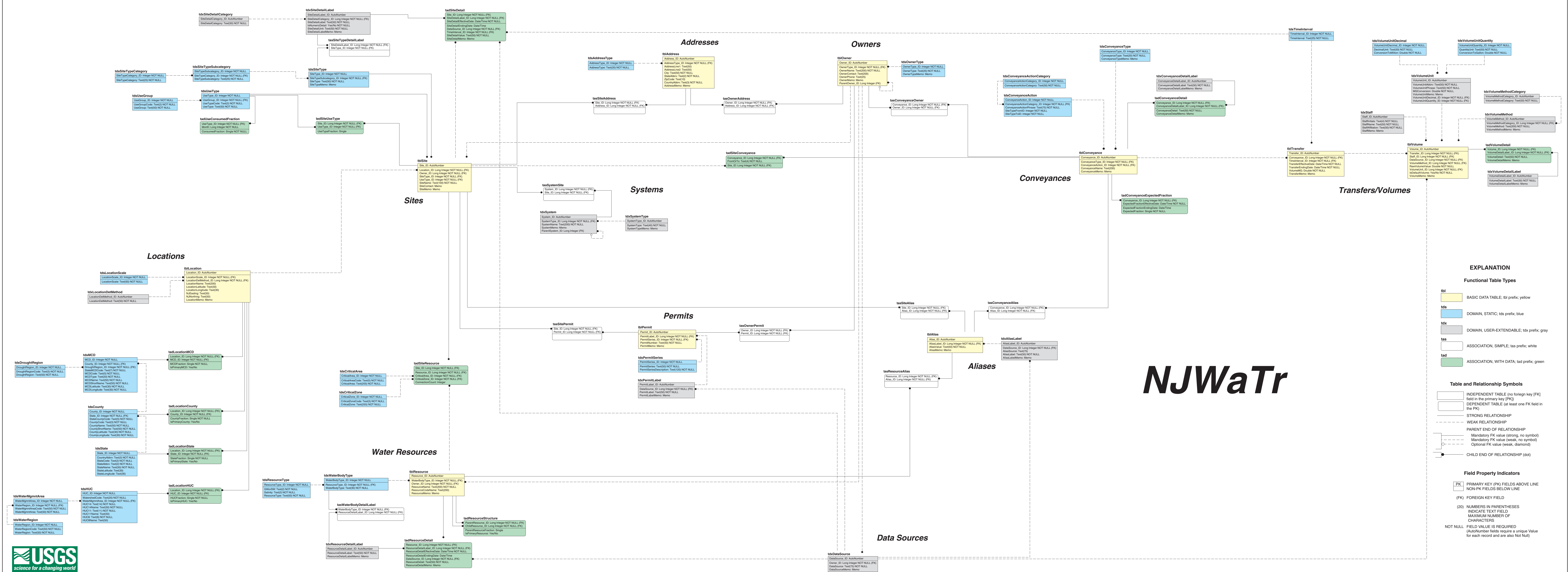


New Jersey Water-Transfer Data System Physical Data Model



NJWaTr

- ### EXPLANATION
- #### Functional Table Types
- tbl** BASIC DATA TABLE; tbl prefix; yellow
 - tbls** DOMAIN, STATIC; tbls prefix; blue
 - tblx** DOMAIN, USER-EXTENDABLE; tblx prefix; gray
 - tbla** ASSOCIATION, SIMPLE; tbla prefix; white
 - tblt** ASSOCIATION, WITH DATA; tblt prefix; green
- #### Table and Relationship Symbols
- INDEPENDENT TABLE (no foreign key [FK] field in the primary key [PK])
 - DEPENDENT TABLE (at least one FK field in the PK)
 - STRONG RELATIONSHIP
 - WEAK RELATIONSHIP
 - PARENT END OF RELATIONSHIP
 - Mandatory FK value (strong, no symbol)
 - Mandatory FK value (weak, no symbol)
 - Optional FK value (weak, diamond)
 - CHILD END OF RELATIONSHIP (dot)
- #### Field Property Indicators
- PK** PRIMARY KEY (PK) FIELDS ABOVE LINE
 - NON-PK FIELDS BELOW LINE
 - (FK) FOREIGN KEY FIELD
 - (N) NUMBERS IN PARENTHESES INDICATE TEXT FIELD
 - (M) MAXIMUM NUMBER OF CHARACTERS
 - (R) FIELD VALUE IS REQUIRED
 - (U) UNIQUE: fields require a unique value for each record and are also NOT Null

