

| metadata |
|-------------------------|
| id: INTEGER [PK] |
| dataset_person: CLOB |
| dataset_party: CLOB |
| dataset_phone: CLOB |
| dataset_address: CLOB |
| dataset_city: CLOB |
| dataset_pobx: CLOB |
| dataset_country: CLOB |
| dataset_mail: CLOB |
| resp_person: CLOB |
| resp_party: CLOB |
| resp_phone: CLOB |
| resp_address: CLOB |
| resp_city: CLOB |
| resp_pobx: CLOB |
| resp_country: CLOB |
| resp_mail: CLOB |
| title: CLOB |
| purpose: CLOB |
| abstract: CLOB |
| url: CLOB |
| qry_spatialextent: CLOB |
| qry_keywords: CLOB |
| vocabular: CLOB |
| qry_timeextent: CLOB |
| uidentifier: CLOB |
| geom_table: CLOB |
| geom_column: CLOB |

| spatialreferencedevice |
|----------------------------|
| idsrdevice: INTEGER [PK] |
| srdevicecode: SMALLINT |
| srdevicedescription: CLOB |
| srdevicelink: CLOB |

| sampledevice |
|--|
| idsampledevice: INTEGER [PK] |
| sampledevicedescription: CLOB |
| sampledevicelink: CLOB |
| idgroup: INTEGER [FK] |
| sampledevicecode: INTEGER |
| idspatialreferencedevice: INTEGER [FK] |

| samplemethod |
|--------------------------------|
| idsamplemethod: INTEGER [PK] |
| samplemethodtype: CLOB |
| samplemethoddescription: CLOB |
| samplemethodlink: CLOB |
| idgroup: INTEGER [FK] |
| samplemethodreference: CLOB |
| samplemethodcode: VARCHAR(12) |

| measurementmethod |
|-------------------------------------|
| idmeasurementmethod: INTEGER [PK] |
| measurementmethodtype: CLOB |
| measurementmethoddescription: CLOB |
| measurementmethodlink: CLOB |
| idgroup: INTEGER [FK] |

| compartment |
|-------------------------------------|
| idcompartment: INTEGER [PK] |
| compartmentcode: VARCHAR(12) |
| compartmentnumber: VARCHAR(12) |
| compartmentdescription: VARCHAR(60) |
| idgroup: INTEGER [FK] |

| group |
|-------------------------|
| idgroup: INTEGER [PK] |
| groupdescription: CLOB |

| unit |
|-------------------------------|
| idunit: INTEGER [PK] |
| unitcode: VARCHAR(12) |
| unitdescription: VARCHAR(255) |
| unitconversionfactor: FLOAT |
| unitalias: VARCHAR(255) |
| unitlink: VARCHAR(255) |
| unitdimension: VARCHAR(12) |
| idgroup: INTEGER [FK] |

| organ |
|-------------------------------|
| idorgan: INTEGER [PK] |
| organcode: VARCHAR(12) |
| organdescription: VARCHAR(60) |
| idgroup: INTEGER [FK] |

| quality |
|---------------------------------|
| idquality: INTEGER [PK] |
| qualitycode: VARCHAR(12) |
| qualitydescription: VARCHAR(60) |
| idgroup: INTEGER [FK] |

| property |
|-----------------------------|
| idproperty: INTEGER [PFK] |
| propertydescription: CLOB |
| propertyreference: CLOB |
| propertycode: VARCHAR(12) |

| parameter |
|------------------------------------|
| idparameter: INTEGER [PK] |
| parameterdescription: VARCHAR(255) |

| parameter_physical |
|-----------------------------|
| parameteralias: VARCHAR(50) |

| parameter_worms |
|------------------------------|
| aphiaid: INTEGER |
| scientificname: VARCHAR(255) |
| authority: VARCHAR(255) |
| status: VARCHAR(255) |
| aphiaid_accepted: INTEGER |
| kingdom: VARCHAR(255) |
| phylum: VARCHAR(255) |
| class: VARCHAR(255) |
| order: VARCHAR(255) |
| family: VARCHAR(255) |
| genus: VARCHAR(255) |
| subgenus: VARCHAR(255) |
| species: VARCHAR(255) |
| subspecies: VARCHAR(255) |
| alt_id: INTEGER |
| alt_code: VARCHAR(50) |
| standard: VARCHAR(50) |
| referencelink: VARCHAR(255) |
| localname: VARCHAR(255) |
| iddonar: VARCHAR(50) |
| donarname: VARCHAR(255) |

| |
|------------------------------|
| pesiid: INTEGER |
| guid: VARCHAR(255) |
| referencelink: VARCHAR(255) |
| scientificname: VARCHAR(255) |
| authority: VARCHAR(255) |
| status: VARCHAR(255) |
| kingdom: VARCHAR(255) |
| phylum: VARCHAR(255) |
| class: VARCHAR(255) |
| order: VARCHAR(255) |
| family: VARCHAR(255) |
| genus: VARCHAR(255) |
| subgenus: VARCHAR(255) |
| species: VARCHAR(255) |
| subspecies: VARCHAR(255) |
| citation: CLOB |

| parameter_sediment |
|--------------------|
| |

| observation |
|-------------------------------------|
| idobservation: INTEGER [PK] |
| startdatetime: TIMESTAMP |
| enddatetime: TIMESTAMP |
| utcoffset: VARCHAR(10) |
| depth: FLOAT |
| numvalue: FLOAT |
| alphanumvalue: VARCHAR(50) |
| processingjobid: INTEGER |
| thresholdsymbol: VARCHAR(1) |
| remark: VARCHAR(255) |
| blstatus: BOOLEAN |
| idstation: VARCHAR(75) |
| idlocation: INTEGER [FK] |
| idorgan: INTEGER [FK] |
| idproperty: INTEGER [FK] |
| idunit: INTEGER [FK] |
| idquality: INTEGER [FK] |
| idparameter: INTEGER [FK] |
| idsampledevice: INTEGER [FK] |
| idsamplemethod: INTEGER [FK] |
| idmeasurementmethod: INTEGER [FK] |

| location |
|-----------------------------------|
| idlocation: INTEGER [PK] |
| locationdescription: VARCHAR(255) |
| published: BOOLEAN |

| location_line |
|--------------------|
| thegeometry: OTHER |
| wktline: CLOB |

| location_poly |
|--------------------|
| thegeometry: OTHER |
| wktpoly: CLOB |

| location_point |
|--------------------|
| thegeometry: OTHER |
| wkt_point: CLOB |

| extattribute |
|--------------------------------|
| idextattribute: INTEGER [PK] |
| idobservation: INTEGER [PFK] |
| attributename: VARCHAR(50) |
| numvalue: FLOAT |
| alphanumvalue: VARCHAR(50) |

