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Attribute Definition

Model : STORET PROD SYSTEM V1.1

Subset: (complete model)

Nov. 24, 1998 11:35

Attribute: TSMALP_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMALP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMALP_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMALP_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that identifies the type of location for an Absolute Location Point.

Properties: Mandatory Basic Text
Length: 16
Not Case sensitive
TD Name: TYPE_CODE

Values:

Default: <None>

Permitted Values

SAMPLING

SAMPLING POINT: Designates the point at which samples are collected.

BOUNDARY

BOUNDARY POINT: One of a set of points used to describe the boundary of a Station. A Station may have an unlimited number of boundary points. When connected in sequence, these points form a closed polygon which defines the extent of a Station.

***POINT OF RECORD**

POINT OF RECORD: A single point that can be used to characterize the entire Station. This point determines the primary assignment of State, County, HUC, and Reach for the Station. Only one Point of Record for Station is allowed.

END OF PIPE

END OF PIPE: Represents the exact location where pipe discharge occurs.

WELL HEAD

WELL HEAD: The structure attached to the top of the Well used to pull the Well into production and prevent contamination. It is frequently used as a reference point for determining elevation/depth.

TRANSECT ORIGIN

TRANSECT ORIGIN: The first point in a series of sampling locations along a line or belt. The Transect Origin point may also be a sampling location.

GRID ORIGIN

GRID ORIGIN: The corner of the grid from which the true X-axis bearing of a side of the grid is measured in degrees.

TRANS SAMPLING

TRANSECT SAMPLING POINT: One of several points on a transect at which field activities occur.

=====

Attribute: SEQUENCE_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The number that indicates the sequence position of current point among a group of points. For example, if several points are recorded to mark the boundary of a station, the sequence number specifies the order in which the system should "connect the dots."

Properties: Optional Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: SEQUENCE_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TBD_ELEVATION_DATUM_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: A permanently established horizontal plane, surface, or level to which soundings, ground elevations, depths, water surface elevations, and tidal data are referred.

Properties: Optional Basic Text
Length: 6
Not Case sensitive
TD Name: ELEVATION_DATUM_CD

Values:
Default: <None>

Permitted Values

UNKWN
UNKNOWN

NAVD88
NORTH AMERICAN VERTICAL DATUM of 1988

NGVD29
NATIONAL GEODETIC VERTICAL DATUM OF 1929

WGS84
World Geodetic System of 1984

<Spaces>

LTD
Local Tidal Datum

OTHER
Other

SEALV
Elevation From Mean Sea-Level

Attribute: TBD_ELEVATION_METHOD_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents the method used to determine elevation of a point of interest.

Properties: Optional Basic Text
Length: 2
Not Case sensitive
TD Name: ELVTN_METHOD_CD

Values:
Default: <None>

Permitted Values

DM
DIFFERENTIAL MODE GPS

AM
ABSOLUTE MODE GPS

CS
CONVENTIONAL SURVEY USING A TRIANGULATION
STATION/HORIZONTAL CONTROL POINT

MD
MAP INTERPOLATION (DIGITAL)

MA
MAP INTERPOLATION (ANALOG)

PI
PHOTO INTERPRETATION

RT
LORAN-C OR RADIO TRIANGULATION

PL
ALGORITHM CONVERSION FROM U.S. PUBLIC LAND SURVEY
SYSTEM

SP
ALGORITHM CONVERSION FROM STATE PLANE COORDINATE SYSTEM

UT
ALGORITHM CONVERSION FROM UNIVERSAL TRANSVERSE MERCATOR
SYSTEM

AZ
ALGORITHM ZIP CODE CENTROID

<Spaces>

=====

Attribute: ELEVATION_MEASUREMENT_DATE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The date (in format MM-DD-YYYY) when elevation
measurement was determined.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: ELVTN_MSR_DT

Values: <Not applicable>

=====

Attribute: ELEVATION_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure in feet or meters from the reference datum to the point of interest.

Properties: Optional Basic Number
Length: 9 Decimal places: 4
Not Case sensitive
TD Name: ELEVATION_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: ELEVATION_UNIT_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents the name of the units associated with the ground elevation of a locational point on the earth's surface.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: ELVTN_UNT_CD

Values:
Default: <None>

Permitted Values

m
METERS

ft
FEET

<Spaces>

=====

Attribute: TBD_GEOPOSITIONING_DATUM_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents an acknowledged standard reference scheme of known coordinates from which calculations or measurements may be taken.

Properties: Mandatory Basic Text

Length: 5

Not Case sensitive

TD Name: GEOPSTNG_DATUM_CD

Values:

Default: <None>

Permitted Values

NAD83

North American Datum of 1983

NAD27

North American Datum of 1927

SPAUL

St. Paul Island Datum

SGEOR

St. George Island Datum

SLAWR

St. Lawrence Island Datum

GUAM

Guam 1963

AMSMA

American Samoa Datum

WAKE

Wake-Eniwetok 1960

ASTRO

Midway Astro 1961

JHNSN

Johnson Island 1961

OTHER

Other

UNKWN

Unknown

WGS72

World Geodetic System of 1972

WGS84

World Geodetic System of 1984

OLDHI

Old Hawaiian Datum

PR

Puerto Rico Datum

=====

Attribute: TBD_GEOPOSITIONING_METHOD_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents the method used to determine
geographic coordinates of a locational point.

Properties: Mandatory Basic Text

Length: 2

Not Case sensitive

TD Name: GEOPSTNG_METHOD_CD

Values:

Default: <None>

Permitted Values

A3

ADDRESS MATCHING-STREET CENTERLINE

CO

CENSUS-OTHER

C3
CENSUS BLOCK TRACT-1990-CENTROID

C1
CENSUS BLOCK-1990-CENTROID

A1
ADDRESS MATCHING-HOUSE NUMBER

C2
CENSUS BLOCK/GROUP-1990-CENTROID

AU
ADDRESS MATCHING-UNKNOWN

A6
ADDRESS MATCHING-DIGITIZED

AO
ADDRESS MATCHING-OTHER

A4
ADDRESS MATCHING-NEAREST INTERSECTION

A2
ADDRESS MATCHING-BLOCK FACE

A5
ADDRESS MATCHING-PRIMARY NAME

CU
CENSUS-UNKNOWN

G1
GPS-CARRIER/GEODETTIC

G2
GPS-CODE/GEODETTIC

G3
GPS-KINEMATIC

GO
GPS-OTHER

GU
GPS-UNKNOWN

I1
INTERPOLATION-MAP

I2
INTERPOLATION-PHOTO

I3
INTERPOLATION-SATELLITE

IO
INTERPOLATION-OTHER

IU
INTERPOLATION-UNKNOWN

L1
LORAN C

P1
PUBLIC-LAND-SURVEY-QUARTERING

P2
PUBLIC-LAND-SURVEY-FOOTING

Z1
ZIPCODE-CENTROID

UN
UNKNOWN

OT
OTHER

=====

Attribute: GEOPOSITIONING_SCALE_TEXT
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The text that describes the Geopositioning Scale of a map.

Example: 1:1000

NOTE: When GEOPOSITIONING METHOD = 'MAP' this attribute is mandatory, and the map scale (in part) determines the expected accuracy of the latitude/longitude.

Properties: Optional Basic Varchar
 Length: 20
 Case sensitive

TD Name: GEOPSTNG_SCALE_TXT

Values:

Default: <None>

=====

Attribute: LATITUDE_DIRECTION
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The direction of the latitude measurement. North denotes a positive value of the latitude. South denotes a negative value.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: LAT_DIRECTION

Values:

Default: <None>

Permitted Values

N
North

S
South

=====

Attribute: LATITUDE_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the degree portion of a latitude measurement (0 to 90 degrees), indicating angular distance North or South of the equator. One degree of latitude equals 111.1 Kilometers or approximately 60 Nautical Miles.

Properties: Mandatory Basic Number
Length: 2 Decimal places: 0
Not Case sensitive

TD Name: LAT_DEGREE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

00 to 90

=====

Attribute: GPS LATITUDE DEGREE MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the degree portion of a latitude measurement (0 to 90 degrees), indicating angular distance North or South of the equator. One degree of latitude equals 111.1 Kilometers or approximately 60 Nautical Miles.

Properties: Optional Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: GPS_LAT_DEGREE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

00 to 90

=====

Attribute: GPS LATITUDE MINUTE MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the minutes portion of latitude (00 to 59 minutes), indicating angular distance North or South of the equator.

Properties: Optional Basic Number
Length: 6 Decimal places: 4
Not Case sensitive
TD Name: GPS_LAT_MINUTE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

00.0000 to 59.9999

=====

Attribute: GPS LONGITUDE DEGREE MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the degree portion of longitude (000 to 180 degrees), indicating angular distance West or East of the prime meridian drawn from pole to pole around the Earth and passing through Greenwich, England.

NOTE: This is always expressed as three digits including the leading zero.

Properties: Optional Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: GPS_LONG_DEG_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

000 to 180

=====

Attribute: GPS LONGITUDE MINUTE MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the minutes portion of longitude (00 to 59 minutes), indicating angular distance West or East of the prime meridian.

Properties: Optional Basic Number
Length: 6 Decimal places: 4
Not Case sensitive
TD Name: GPS_LONG_MIN_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

00.0000 to 59.9999

=====

Attribute: LATITUDE_MINUTE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the minutes portion of latitude (00 to 59 minutes), indicating angular distance North or South of the equator.

Properties: Mandatory Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: LAT_MINUTE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

00 to 59

=====

Attribute: LATITUDE_SECOND_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the seconds portion of a latitude measurement (0 to 59 seconds), indicating angular distances North and South of the equator.

Properties: Mandatory Basic Number
Length: 6 Decimal places: 4
Not Case sensitive
TD Name: LAT_SECOND_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

00.0000 to 59.9999

=====

Attribute: LONGITUDE_DIRECTION
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The direction of the longitude measurement. East denotes a positive value of the longitude. West denotes a negative value.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: LONG_DIRECTION

Values:
Default: <None>

Permitted Values

E
East

W
West

=====

Attribute: LONGITUDE_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the degree portion of longitude (000 to 180 degrees), indicating angular distance West or East of the prime meridian drawn from pole to pole around the Earth and passing through Greenwich, England.

NOTE: This is always expressed as three digits including the leading zero.

Properties: Mandatory Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: LONG_DEGREE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

000 to 180

=====

Attribute: LONGITUDE_MINUTE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the minutes portion of longitude (00 to 59 minutes), indicating angular distance West or East of the prime meridian.

Properties: Mandatory Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: LONG_MINUTE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

00 to 59

=====

Attribute: LONGITUDE_SECOND_MEASURE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The measure of the seconds portion of longitude (00 to 59 seconds), indicating angular distance west or east of the prime meridian.

Properties: Mandatory Basic Number

Length: 6 Decimal places: 4

Not Case sensitive

TD Name: LONG_SECOND_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

00.0000 to 59.9999

=====

Attribute: LAT_LONG_MEASUREMENT_DATE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The date (in format MM-DD-YYYY) when the latitude and longitude were determined.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: LAT_LONG_MSR_DT

Values: <Not applicable>

=====

Attribute: TBD_LAT_LONG_ACCURACY_MEASURE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The quantitative measurement of the amount of deviation from the "true" lat/long measurement expressed in degrees, minutes, and seconds.

NOTE: This sometimes depends on the Method.

Properties: Optional Basic Number

Length: 6 Decimal places: 4

Not Case sensitive

TD Name: LATLONG_ACCRCY_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TBD_LAT_LONG_ACCURACY_UNIT_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents the name of the units associated with lat/long accuracy measurement.

Properties: Optional Basic Text

Length: 2

Not Case sensitive

TD Name: LATLONG_ACCRCY_UNT

Values:

Default: <None>

Permitted Values

S

SECONDS

MN
MINUTES

D
DEGREES

M
METERS

FT
FEET

<Spaces>

=====

Attribute: TBD_LONGITUDE_ACCURACY_MEASURE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The quantitative measurement of the amount of deviation
from the "true" lat/long measurement expressed in
degrees, minutes, and seconds.

NOTE: This sometimes depends on the Method.

Properties: Optional Basic Number
Length: 6 Decimal places: 4
Not Case sensitive
TD Name: LONG_ACCRCY_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TBD_LONGITUDE_ACCURACY_UNIT_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that represents the name of the units
associated with lat/long accuracy measurement.

Properties: Optional Basic Text
Length: 2
Not Case sensitive
TD Name: LONG_ACCRCY_UNT_CD

Values:
Default: <None>

Permitted Values

S
SECONDS

MN
MINUTES

D
DEGREES

FT
FEET

M
METERS

<Spaces>

=====
Attribute: RF3_RIVER_REACH_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code for the RF3 reach to which the station is associated.

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: RF3_RIVER_REACH_CD

Values:
Default: <None>

=====

Attribute: RF1_MILEAGE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The upstream mileage from the downstream end of the associated RF1 River Reach segment to the site being described. The mileage measure may not be greater than the total mileage of the associated RF1 River Reach segment. (If the total mileage is missing in the RF1 River Reach do not enforce that rule.)

Properties: Optional Basic Number
Length: 5 Decimal places: 2
Not Case sensitive
TD Name: RF1_MILEAGE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: ON_RIVER_REACH_INDICATOR_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ABSOLUTE_LOCATION_POINT

Description: The code that indicates whether the locational point is on the RF1 River Reach segment or off. A point which is off the segment may still be associated with the segment, e.g. on a tributary to the reach, or in the drainage area of the reach. (If RF1 Mileage Measure is input, this is mandatory. Otherwise, it is optional.)

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: ON_RIVER_REACH_IND

Values:
Default: Y

Permitted Values

Y

N

<Spaces>

=====

Attribute: NRCS_WATERSHED_ID_NUMBER

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: The identification number of the USDA Natural Resources
Conservation Service watershed for the Station.

Properties: Optional Basic Text

Length: 8

Not Case sensitive

TD Name: NRCS_WTRSD_ID_NUM

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ABSOLUTE_LOCATION_POINT

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the data base or when a subsequent modification was

made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRAAL_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.1) The name of the type of the Actual Location Point.

Properties: Mandatory Basic Text
Length: 15
Case sensitive
TD Name: TSRAAL_TYPE_NAME

Values:
Default: <None>

Permitted Values

Trawl Start
Identifies the location at which a trawl or horizontal tow began.

Trawl Stop
Identifies the location at which a trawl or horizontal tow ended.

General

=====

Attribute: BOTTOM_DEPTH_MSR
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.2) The measure of the distance from the surface to the bottom.

Properties: Optional Basic Number
Length: 7 Decimal places: 2
Not Case sensitive
TD Name: BOTTOM_DEPTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: BOTTOM_DEPTH_UNIT_CD
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.3) The code that represents the units in which the bottom depth is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: BOTTOM_DEPTH_UN_CD

Values:
Default: <Spaces>

Permitted Values

ft
Feet

m
Meters

<Spaces>

=====

Attribute: ADDITIONAL_LOCATION_INFO_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.4) User supplied free text providing additional information as to the actual location of the Field

Activity.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: ADDTNL_LOC_INFO

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.5) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: ACTUAL_ACTIVITY_LOCATION

Description: (V30.1.6) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

Attribute: TSMADDR_IS_NUMBER

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: A system-generated value.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMADDR_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMADDR_ORG_ID

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMADDR_ORG_ID

Values:

Default: <None>

=====

Attribute: TYPE_CODE

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The code designating the type of Address.

Properties: Mandatory Basic Text

Length: 10
Case sensitive
TD Name: TYPE_CODE

Values:

Default: <None>

Permitted Values

Located at

Address represents the physical location of the person,
place, or organization.

Shipping

Address used when shipping bulk material to the person,
place, or organization.

Mailing

Address used when mailing material to the person,
place, or organization.

=====
Attribute: START_DATE
Subject Area: ADDRESSES
Entity Type: ADDRESS

Description: The date (in format MM-DD-YYYY) the Address became
effective.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: START_DATE

Values: <Not applicable>

=====
Attribute: LINE_ONE_TEXT
Subject Area: ADDRESSES
Entity Type: ADDRESS

Description: The first line of an Address which usually denotes the
company or individual name.

Properties: Mandatory Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_ONE_TEXT

Values: <Not applicable>

=====

Attribute: LINE_TWO_TEXT
Subject Area: ADDRESSES
Entity Type: ADDRESS

Description: The second line of an Address usually denotes the mail routing code, p.o. box number, or suite but can also contain company name in addition.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_TWO_TEXT

Values: <Not applicable>

=====

Attribute: LINE_THREE_TEXT
Subject Area: ADDRESSES
Entity Type: ADDRESS

Description: The third line of an Address usually denotes the street address including street name and type, house/office number, or sector designation.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_THREE_TEXT

Values: <Not applicable>

=====

Attribute: LINE_FOUR_TEXT

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The name of the city in an Address.

Properties: Optional Basic Varchar

Length: 40

Case sensitive

TD Name: LINE_FOUR_TEXT

Values: <Not applicable>

=====

Attribute: STATE_POSTAL_CODE

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The United States Postal Service code/abbreviation for the State in an Address.

For Canada, a two character abbreviation of the Province name.

For Mexico, a two character abbreviation of the State name.

Properties: Optional Basic Text

Length: 2

Not Case sensitive

TD Name: STATE_POSTAL_CODE

Values:

Default: <None>

=====

Attribute: ZIP_CODE

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The zip code associated with an Address.

Properties: Optional Basic Text

Length: 10

Not Case sensitive

TD Name: ZIP_CODE

Values:

Default: <None>

=====

Attribute: COUNTRY_CODE

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: The code for the country in an Address.

Properties: Optional Basic Text

Length: 2

Not Case sensitive

TD Name: COUNTRY_CODE

Values:

Default: <Spaces>

Permitted Values

US

United States

MX

Mexico

CN

Canada

<Spaces>

CA

Canada - conflicting information over whether the abbreviation for Canada is CA or CN, so we have both in the system.

=====

Attribute: D_USERID_CODE

Subject Area: ADDRESSES

Entity Type: ADDRESS

Description: A code that identifies the specific person making

changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ADDRESSES
Entity Type: ADDRESS

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ALP_METHOD_DATUM_ASGMT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ALP_METHOD_DATUM_ASGMT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRANLEQ_IS_NUMBER
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: System-generated number used to identify the analytical equipment.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRANLEQ_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRANLEQ_ORG_ID
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security.

Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRANLEQ_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: The name of the class or category of analytical equipment.

Properties: Mandatory Basic Text
Length: 32
Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

Permitted Values

Acoustic Velocity
Self describing

Physical/Handling
Self describing

Microscope
Self describing

Spectroscopy
Self describing

Particle Counter
Self describing

Autoanalyzer
Self describing

None
Self describing

Test Kit
Self describing

Conductivity
Self describing

Visual Inspection
Self describing

Probe
Self describing

Chromatography
Self describing

Titration
Self describing

Electrochemical
Self describing

=====

Attribute: NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: The name of the analytical equipment (e.g., an equipment model name).

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: A code that identifies the specific person making

changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_EQUIPMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRANLPR_IS_NUMBER
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: System-generated number used to identify the analytical procedure.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRANLPR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRANLPR_ORG_ID
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRANLPR_ORG_ID

Values:
Default: <None>

=====

Attribute: OWNER_TYPE_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: The code that represents the type of organization that
owns the analytical procedure.

Properties: Mandatory Basic Text
Length: 3
Not Case sensitive
TD Name: OWNER_TYPE_CODE

Values:
Default: <None>

Permitted Values

NAT

ORG

Attribute: PROCEDURE_ID
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: The abbreviated name of the analytical procedure.

Properties: Mandatory Basic Text
Length: 15
Not Case sensitive
TD Name: PROCEDURE_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: The full title of the analytical procedure.

Properties: Mandatory Basic Varchar
Length: 120
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: SOURCE_NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: The name of the Analytical Procedure Owner.

Examples: RCRA, USGS

EMMI(Environmental Monitoring Method Information) uses this field to identify the Organization from which information about the method was obtained.

Properties: Mandatory Basic Text
Length: 65

Case sensitive
TD Name: SOURCE_NAME

Values: <Not applicable>

=====

Attribute: SOURCE_ACR
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: <None>

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: SOURCE_ACR

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ANALYTICAL_PROCEDURE

Description: A system-generated value that represents the calendar

date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRADL_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.1) A system generated value that uniquely identifies a Station Visit.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRADL_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRADL_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRADL_ORG_ID

Values:

Default: <None>

=====

Attribute: IDENTIFICATION_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.2) The Organization-assigned alphanumeric code that identifies a Station Visit. This number must be unique for the Trip and Station.

This number should be displayed and prompted as "Visit Number".

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: ID_CODE

Values:

Default: <None>

=====

Attribute: MEDIUM_TYPE_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.5.6) The name of the medium or matrix where the Field Activity occurred.

Medium optionality by sample category type name:

ROUTINE SAMPLE: req.

FIELD REPLICATE: req.

COMPOSITE WITH PARENTS: req

MEASUREMENT: opt.

OBSERVATION: opt.

HABITAT: not applic.

DEPLETION REPLICATE: req. BIOLOGICAL

REPLICATE MEASUREMENT: opt.

CREATED FROM SAMPLE: req.

INTEGRATED TIME SERIES: req.

INTEGRATED FLOW PROPORTIONED: req. WATER

INTEGRATED HORIZONTAL PROFILE: req. WATER

INTEGRATED VERTICAL PROFILE: req. WATER
COMPOSITE W/O PARENTS: req.

Properties: Mandatory Basic Text
Length: 20
Case sensitive
TD Name: MEDIUM_TYPE_NAME

Values:
Default: <None>

Permitted Values

Air

Activity represents air.

Sediment

Activity represents physical or chemical characteristics of sediment at the bottom of a water body.

Water

Activity represents the physical or chemical composition of the water at the monitoring site.

<Spaces>

Soil

Activity represents soil at the monitoring site.

=====

Attribute: SERIAL_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: <None>

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: SERIAL_NUMBER

Values:
Default: <None>

=====

Attribute: MODEL
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: <None>

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: MODEL

Values:
Default: <None>

=====

Attribute: MAKE
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: <None>

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: MAKE

Values:
Default: <None>

=====

Attribute: INSTALL_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.3) Date that the Station Visit commenced.

Note: Defaults to Trip Start Date.

Properties: Mandatory Basic Date
Length: 8
Not Case sensitive
TD Name: INSTALL_DATE

Values: <Not applicable>

=====

Attribute: INSTALL_TIME

Subject Area: FIELD_ACTIVITIES

Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.4) Time at which the Station Visit commenced.

Properties: Optional Basic Time

Length: 6

Not Case sensitive

TD Name: INSTALL_TIME

Values: <Not applicable>

=====

Attribute: REMOVAL_DATE

Subject Area: FIELD_ACTIVITIES

Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.5) Date that the Station Visit is concluded.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: DEPARTURE_DATE

Values: <Not applicable>

=====

Attribute: REMOVAL_TIME

Subject Area: FIELD_ACTIVITIES

Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.6) Time that the Station Visit is concluded.

Properties: Optional Basic Time

Length: 6

Not Case sensitive

TD Name: REMOVAL_TIME

Values: <Not applicable>

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.7) Free text attribute where field notes may be recorded including notes about the condition of the Station itself.

Note: Prompt on window should read: Station Conditions & Other Comments.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.8) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: AUTOMATED_DATA_LOGGER

Description: (V30.21.9) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRBIOPT_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: BIOLOGICAL_PART

Description: System-generated number used to identify the characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRBIOPT_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRBIOPT_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: BIOLOGICAL_PART

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive

TD Name: TSRBIOPT_ORG_ID

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: BIOLOGICAL_PART

Description: The usual anatomical term which identifies the portion
of an organism to be analyzed.

Properties: Mandatory Basic Text

Length: 30

Case sensitive

TD Name: NAME

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: BIOLOGICAL_PART

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: BIOLOGICAL_PART

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRBRG_IS_NUMBER
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: System-generated number used to identify the taxon abundance result group.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRBRG_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRBRG_ORG_ID
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRBRG_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The user-assigned number that identifies a Result Group.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The name of the kind of group.
Examples include:

1. population census by taxon (non- duplicative species count)
2. Coliform bacteria census by taxon
3. Single taxon frequency class
4. Single taxon group summary
5. Single taxon individual

Properties: Mandatory Basic Text
Length: 32
Case sensitive
TD Name: TYPE_NAME

Values:

Default: <None>

Permitted Values

Single Taxon Individuals

Single Taxon Frequency Classes

Single Taxon Group Summary

Multi-Taxon Population Census

=====

Attribute: TYPE_INDICATOR

Subject Area: RESULTS

Entity Type: BIOLOGICAL_RESULT_GROUP

Description: This is used to determine whether or not Single Taxon
Frequency Class is for Physical Measures or Biological
Conditions.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: TYPE_INDICATOR

Values:

Default: <None>

Permitted Values

P
Physical Measures

B
Biological Conditions

<Spaces>

Attribute: SEX_NAME
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The sex of all organisms in the biological result group.

Properties: Optional Basic Text
Length: 15
Not Case sensitive
TD Name: SEX_NAME

Values:
Default: <None>

=====

Attribute: LIFE_STAGE_NAME
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The life stage of all the individuals in the biological result group.

Properties: Optional Basic Varchar
Length: 25
Case sensitive
TD Name: LIFE_STAGE_NAME

Values:
Default: <None>

=====

Attribute: VALUE_TYPE_NAME
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: A name that represents the process which was used in the determination of the Single Taxon Summary Group result value (e.g., actual, estimated, calculated).

See also Result Value Type Name attribute.

Properties: Optional Basic Text
Length: 10
Case sensitive

TD Name: VALUE_TYPE_NAME

Values:

Default: <Spaces>

Permitted Values

Estimated

<Spaces>

Calculated

Actual

=====

Attribute: SUMMARY_GROUP_COUNT

Subject Area: RESULTS

Entity Type: BIOLOGICAL_RESULT_GROUP

Description: The number of individuals in a Single Taxon Summary and Individual groups.

Properties: Optional Basic Number

Length: 5 Decimal places: 0

Not Case sensitive

TD Name: SUMMARY_GRP_COUNT

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DESCRIPTION_TEXT

Subject Area: RESULTS

Entity Type: BIOLOGICAL_RESULT_GROUP

Description: Additional user-specified text describing the biological result group. Not intended to replace results with characteristics with text values.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: SPECIES_NUMBER
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: A number assigned as a part of a taxonomic identification. Used with a valid genus name to indicate a unique species has been observed but not taxonomically identified (e.g., lepomis sp.1).

Properties: Optional Basic Text
Length: 8
Case sensitive
TD Name: SPECIES_NUMBER

Values:
Default: <None>

Permitted Values

sp.1
Self describing.

<Spaces>
Needed to permit clearing field. Also denotes a taxonomic identification which is certain.

sp.5
Self describing.

sp.3
Self describing.

sp.2
Self describing.

sp.4
Self describing.

sp.6

Self describing.

sp.7
Self describing.

sp.8
Self describing.

sp.9
Self describing.

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: BIOLOGICAL_RESULT_GROUP

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the database or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRBRGI_IS_NUMBER
Subject Area: RESULTS
Entity Type: BIO_RESULT_GROUP_INDIVIDUAL

Description: System-generated number used to identify the taxon
abundance result group individual sample.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRBRGI_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRBRGI_ORG_ID
Subject Area: RESULTS
Entity Type: BIO_RESULT_GROUP_INDIVIDUAL

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRBRGI_ORG_ID

Values:
Default: <None>

=====

Attribute: INDIVIDUAL_NUMBER
Subject Area: RESULTS
Entity Type: BIO_RESULT_GROUP_INDIVIDUAL

Description: System assigned sequence number to the individual in accordance with the total number of individuals reported by the user. Once assigned, this number does not change and cannot be changed/deleted.

Each defined group of individuals gets an increasing series of "individual numbers" for the identification of individual specimens from the original group. Results then describe the specific individual.

Properties: Mandatory Designed Number
Length: 4 Decimal places: 0
Not Case sensitive
TD Name: INDIVIDUAL_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: BIO_RESULT_GROUP_INDIVIDUAL

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: BIO_RESULT_GROUP_INDIVIDUAL

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TYPE_CODE
Subject Area: WELL_STATIONS
Entity Type: CASING

Description: The code that represents the material from which a Well casing is made.

Properties: Mandatory Basic Text
Length: 24
Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

=====

Attribute: THICKNESS_MEASURE
Subject Area: WELL_STATIONS
Entity Type: CASING

Description: The measure of the thickness of the casing material used for a Well interval in centimeters, feet, inches, and meters.

Properties: Optional Basic Number
Length: 6 Decimal places: 3
Not Case sensitive
TD Name: THICKNESS_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: THICKNESS_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: CASING

Description: The code that represents the units in which the thickness of the casing material for a Well interval is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: THICKNESS_UNT_CD

Values:

Default: <None>

Permitted Values

cm

CENTIMETERS

<Spaces>

in

INCHES

mm

MILLIMETERS

=====

Attribute: INSIDE_DIAMETER_MEASURE

Subject Area: WELL_STATIONS

Entity Type: CASING

Description: The measure of the diameter inside the casing in a Well interval expressed in centimeters, feet, inches, meters, or millimeters.

Properties: Optional Basic Number

Length: 5 Decimal places: 2

Not Case sensitive

TD Name: INSD_DIAMTR_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: INSIDE_DIAMETER_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: CASING

Description: The code that represents the units in which the inside casing diameter in a Well interval is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: INSD_DIAMTR_UNT_CD

Values:

Default: <None>

Permitted Values

ft

FEET

m

METERS

cm

CENTIMETERS

mm

MILLIMETERS

<Spaces>

in

INCHES

=====

Attribute: D_USERID_CODE

Subject Area: WELL_STATIONS

Entity Type: CASING

Description: A code that identifies the specific person making

changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: CASING

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: CELL_FORM_TYPE_NM
Subject Area: RESULTS
Entity Type: CELL_DESCRIPTOR

Description: The name of the cell form for phytoplankton organisms expressed as a result. A single phytoplankton species may have a result value for any or all of these cell forms.

Properties: Optional Basic Text
Length: 11
Case sensitive
TD Name: CELL_TYPE_NM

Values:
Default: <None>

=====

Attribute: CELL_SHAPE_TYPE_NAME

Subject Area: RESULTS

Entity Type: CELL_DESCRIPTOR

Description: The cell shape of the phytoplankton organism.

For example, a chrysophyta can have a form and a shape.

Properties: Optional Basic Text

Length: 18

Case sensitive

TD Name: CELL_SHAPE_TYPE_NM

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: RESULTS

Entity Type: CELL_DESCRIPTOR

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: RESULTS

Entity Type: CELL_DESCRIPTOR

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the database or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCHAR_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: System-generated number used to identify the
characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCHAR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRCHAR_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCHAR_ORG_ID

Values:
Default: <None>

=====

Attribute: EXTERNAL SERIAL NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description:

Properties: Optional Basic Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: EXTRNL_SERIAL_NUM

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: UOM_TYPE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: The category that represents the broad class of a related set of units.

Used to aid in minimizing choices when reporting the value of a characteristic, and to partially prevent invalid choices.

Properties: Mandatory Basic Text
Length: 5
Not Case sensitive
TD Name: UOM_TYPE

Values:
Default: <None>

Permitted Values

TEMP
Temperature measures.

AREA
Area Measures. Sq. meters, hectares, etc.

VOL

Volume measures.

VEL

Velocities.

FLOW

Flow units. Volume rates.

MISC

Miscellaneous. Items not covered elsewhere. Among other things, pressure, energy, electrical, light, etc.

TIME

Time. Hours, Minutes, fortnights, etc.

TAX

Taxonomic units. Counts, MPN, percents.

LEN

Length.

PROD

Productivity. Mass per unit of substance.

SUBST

Substance. Units of mass, weight, and concentration.

NONE

Characteristic does not have units (eg text, PV)

=====

Attribute: SEARCH_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: The standardized form of the name as determined by EPA for use in searching the list of environmental characteristics.

Properties: Mandatory Basic Varchar

Length: 60

Not Case sensitive

TD Name: SEARCH_NAME

Values: <Not applicable>

=====

Attribute: DISPLAY_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: The name of the environmental characteristic to be displayed on windows and reports.

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: DISPLAY_NAME

Values: <Not applicable>

=====

Attribute: D_SCREEN_TYPE_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: The code that represents the screen or screens on which users will complete data entry for the characteristic.

Information required differs among the screen types.
The application displays different result/data entry screens depending on the value of the SCREEN TYPE CODE.

Properties: Mandatory Designed Text
Length: 4
Not Case sensitive
TD Name: D_SCR_TYPE_CD

Values:
Default: <None>

Permitted Values

PHYS

Physical. Data entry screens will allow entry and description of characteristics of type "P" (physical), conveying physical measures such as distances, particle sizes, areas, and the metadata pertinent to such analysis.

TEXT

Text. The characteristic is reported as free text.
Appropriate data entry screen is displayed.

CHEM

Chemical. Data entry screens will allow entry and description of substance-related (concentration and mass) values, and the metadata pertinent to such analysis.

PV

Permitted Value. Data entry screens display the range of permitted values defined for the characteristic, and permit the user to choose from among them.

TAXA

Taxonomic. Data entry screens relating to the reporting of taxonomic abundance, and the selection of subject taxa for individuals or groups.

=====

Attribute: PROCEDURE_REQUIRED_IND_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: A code indicating whether an analytical procedure is required for a result for this Characteristic.

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: PROC_REQ_IND_CD

Values:

Default: <None>

Permitted Values

Y

N

=====

Attribute: VALID_FOR_QC_INDICATOR_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: A code indicating whether this Characteristic is a
valid report for QC samples.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: VALID_FOR_QC_IND

Values:

Default: <None>

Permitted Values

Y

N

=====

Attribute: SAMPLE_FRACTION_REQUIRED_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: A code indicating whether a sample fraction is required
for this Characteristic. This will be used primarily
for Chemical Characteristics.

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: SAMP_FRAC_REQ_CD

Values:

Default: <None>

Permitted Values

Y

N

=====

Attribute: CHARACTERISTIC TYPE CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: A code indicating type of characteristic.

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: CHAR_TYPE_CODE

Values:

Default: <None>

Permitted Values

T

Taxon. Differentiates between "G" (general taxa) and "T" (true taxa). Only a characteristic of type "T" (taxon) may be the SUBJECT TAXON for a group of organisms or a tissue sample.

G

General taxonomic term, eg phytoplankton, coliform, bacteria. Biological terms in general usage to report species abundance or biomass.

O

Other. All characteristics not included in the remaining categories. Generally, characteristics which may be used in a variety of reporting scenarios.

P

Physical. Limits characteristics to those which can be used to describe biological individuals and single species groups of individuals. eg. length, girth, weight.

=====

Attribute: TAXON_RANK_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC

Description: The code indicating the taxonomic rank of the Characteristic which is an organism.

When displayed, the order must be "taxonomic", as follows:

KNG Kingdom
PHY Phylum
DIV Division
SBP Subphylum
IFD Infradivision
SPC Superclass
IFC Infraclass
DIA Division, animal, sense "A"
SDA Subdivision, animal sense "A"
SPO Superorder
SER Series
ORD Order
SBO Suborder
IFO Infraorder
COH Cohort
SEC Section
GRB Group, animal, sense "B"
DIC Division, animal, sense "C"
SPF Superfamily
FAM Family
SBF Subfamily
GRA Group, animal, sense "A"
SPT Supertribe
TRI Tribe
SBT Subtribe
GEN Genu
SBG Subgenus
GRC Group, animal, sense "C"
SPE Species
SSP Sub-species
VAR Variety

Properties: Optional Basic Text

Length: 8

Not Case sensitive

TD Name: TAXON_RANK_CODE

Values:

Default: <None>

Permitted Values

SPE

Species.

SSP

Sub-species (animal ranks).

VAR
Variety. Plant rank.

GEN
Genus rank.

<Spaces>
Spaces needed to permit clearing field.

GRC
Group (animal, sense "C", divides genera).

SBG
Subgenus

SBT
Subtribe

TRI
Tribe

SPT
Supertribe

GRA
Group (animal, sense "A", divides subfamilies)

SBF
Subfamily

SPF

DIC
Division (animal, sense "C", divides sections/groups)

GRB
Group (animal, sense "B", divides sections)

SEC
Section

COH
Cohort

IFO
Infraorder

SBO
Suborder

SER
Series

SPO
Superorder

SDA
Sub-division (animal, divides infraclasses/divisions).

DIA
Division (animal, sense "A", divides Infraclass).

IFC
Infraclass

SBC
Subclass

SPC
Superclass

IFD
Infradivision

SBD
Sub-division

SBP
Sub-phylum

DIV
Division (like Phylum, but for plants)

FAM
Family

ORD
Order

CLS
Class

PHY
Phylum

KNG
Kingdom

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCHALS_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_ALIAS

Description: System-generated number used to identify the characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCHALS_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_ALIAS

Description: The name of the type of alternative naming scheme or generic category alias.

Examples:
CAS number, Common name, Trade name, Legacy STORET parameter code

Properties: Mandatory Basic Text
Length: 30
Not Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

Permitted Values

CAS NUMBER
Chemical Abstract Number

TAXON COMMON NAME
The vernacular or common (usually English) name by which a species or other taxon is known. For example, the Latin taxonomic phylum PLATYHELMINTHES are commonly known as Flatworms.

STORET PARM CODE
The 5-digit numeric Code/ID by which this characteristic was known in the legacy STORET System.

<Spaces>

=====

Attribute: NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_ALIAS

Description: The alternative name/code for a characteristic.

For those aliases which are cryptic, both the cryptic ID and its text meaning are placed here. For example, SORET Parameter Code 00010 will be entered:

00010 Water Temperature Deg. C.

Properties: Mandatory Basic Varchar
Length: 60
Not Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_ALIAS

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_ALIAS

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCCGA_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_CHAR_GROUP_ASGNMT

Description: System-generated number used to identify the
characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCCGA_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRCCGA_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_CHAR_GROUP_ASGNMT

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCCGA_ORG_ID

Values:
Default: <None>

=====

Attribute: SEQUENCE_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_CHAR_GROUP_ASGNMT

Description: The sequence number allows for both multiple occurrences of a characteristic in a group, and for a user-specified ordering of the list of characteristics in the group. Windows are equipped with CUT and PASTE AFTER functions to facilitate arrangement of the list by the user.

Properties: Mandatory Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: SEQUENCE_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_CHAR_GROUP_ASGNMT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_CHAR_GROUP_ASGNMT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCHDEF_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: System-generated number used to identify the characteristic default.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCHDEF_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRCHDEF_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8

Not Case sensitive
TD Name: TSRCHDEF_ORG_ID

Values:
Default: <None>

=====

Attribute: ROW_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Optional Basic Text
Length: 8
Not Case sensitive
TD Name: ROW_ID

Values:
Default: <None>

=====

Attribute: SAMPLE_FRACTION_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The text name of the portion of the sample associated with results obtained from a physically-partitioned sample.

Examples:
- dissolved
- suspended
- total

The permitted values for this field must exactly match those in the RESULT entity for the field of the same name.

Properties: Optional Basic Text
Length: 15

Case sensitive
TD Name: SMPL_FRAC_TYPE_NM

Values:
Default: <None>

=====

Attribute: UNIT_OF_MEASURE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The abbreviation for the name of the unit of measure.
The values for this field will be copied from the
attribute SHORT_FORM_NAME in the UNIT_OF_MEASURE
Entity, based on a cross-match between the UOM_TYPE
attribute in CHARACTERISTIC and UNIT_OF_MEASURE.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: UOM_NAME

Values:
Default: <None>

=====

Attribute: DURATION_BASIS_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The period of time (in days) over which a measurement
was made. For example, BOD can be measured as 5 day or
20 day BOD.

In some cases, it indicates an analytical procedure
which has a prescribed duration, while in other cases
(ie BOD) it indicates a period of time within which a
certain effect or result might occur. This qualifier
may also indicate a period of time over which a
cumulative or averaged measurement occurs.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: DUR_BASIS_TYPE_NM

Values:

Default: <Spaces>

Permitted Values

10 Day
Self describing.

120 Day
Self describing.

30 Day
Self describing.

2 Day
Self describing.

24 Hours
Self describing.

96 Hours
Self describing.

90 Day
Self describing.

5 Day
Self describing.

1 Year
Self describing.

6 Month
Self describing.

1 Day
Self describing.

6 Day
Self describing.

60 Day
Self describing.

3 Day
Self describing.

4 Day
Self describing.

7 Day
Self describing.

9 Day
Self describing.

12 Day
Self describing.

14 Day
Self describing.

16 Day
Self describing.

18 Day
Self describing.

20 Day
Self describing.

22 Day
Self describing.

24 Day
Self describing.

26 Day
Self describing.

28 Day
Self describing.

8 Day
Self describing.

11 Day
Self describing.

13 Day
Self describing.

15 Day
Self describing.

17 Day
Self describing.

19 Day
Self describing.

21 Day
Self describing.

23 Day
Self describing.

25 Day
Self describing.

27 Day
Self describing.

29 Day
Self describing.

<Spaces>
Needed to permit clearing field.

=====

Attribute: STATISTIC_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: A statistic or calculation type which describes the reported result (e.g., average, mode, median, MPN (Most Probable Number)).

Properties: Optional Basic Text
Length: 18
Case sensitive
TD Name: STATISTIC_TYPE_NM

Values:
Default: <Spaces>

Permitted Values

Mean
The arithmetic average of a set of numbers or measurements.

Maximum
Denotes the numerical result of largest value.

Median
In an ordered set of numbers, the most central value or

the middle value.

Mode

In a set of results or measurements, that value which occurs most frequently.

Minimum

Denotes the numerical result with the smallest value.

Standard Deviation

A measure of the dispersion of a set of results or measurements. Mathematically, the square root of the arithmetic average of the squares of the individual deviations from the arithmetic mean, or the square root of the VARIANCE.

MPN

Most Probable Number. A result predicted, rather than measured, by the method employed. Usually applied to counts of colony forming units like bacteria or algae.

<Spaces>

Needed to permit clearing field. Also conveys the meaning of "simple result".

5 pctl

10 pctl

15 pctl

20 pctl

25 pctl

75 pctl

80 pctl

85 pctl

90 pctl

95 pctl

=====

Attribute: VALUE_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: A name that represents the process which was used in the determination of the result value (e.g., actual, estimated, calculated).

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: VALUE_TYPE_NAME

Values:
Default: <Spaces>

Permitted Values

Estimated
Self describing.

<Spaces>
Self describing.

Calculated
Self describing.

Actual

=====

Attribute: WEIGHT_BASIS_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: The name that represents the form of the sample or portion of the sample which is associated with the result value (e.g., wet weight, dry weight, ash-free dry weight).

Properties: Optional Basic Text
Length: 12
Case sensitive
TD Name: WT_BASIS_TYPE_NM

Values:
Default: <Spaces>

Permitted Values

Wet

The wet weight of the material.

Dry

The material dried in a dry oven.

Ash-Free Dry

Applies to samples dried at a high temperature (e.g., in a furnace at 550 C) used in soil sediment and tissue weight determination.

<Spaces>

Needed to permit clearing field. Also describes measurements made without regard to a weight basis.

=====

Attribute: TEMPERATURE_BASIS_LEVEL_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_DEFAULT

Description: The name that represents the controlled temperature at which the sample was maintained during analysis.

Properties: Optional Basic Text

Length: 8

Case sensitive

TD Name: TEMP_BASIS_LVL_NM

Values:

Default: <Spaces>

Permitted Values

20 Deg C

Self describing.

10 Deg C

Self describing.

05 Deg C

Self describing.

15 Deg C

Self describing.

25 Deg C
Self describing.

<Spaces>
Needed to permit clearing field. Also denotes
measurements made without regard to a controlled
temperature.

=====
Attribute: SPECIES_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: A number assigned as a part of a taxonomic
identification. Used with a valid genus name to
indicate a unique species has been observed but not
taxonomically identified (e.g., lepomis sp.1).

Properties: Optional Basic Text
Length: 8
Case sensitive
TD Name: SPECIES_NUMBER

Values:
Default: <Spaces>

Permitted Values

sp.1
Self describing.

<Spaces>

sp.5
Self describing.

sp.3
Self describing.

sp.2
Self describing.

sp.4
Self describing.

sp.6

Self describing.

sp.8
Self describing.

sp.7
Self describing.

sp.9
Self describing.

=====

Attribute: LOWER_RANGE_VALUE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: Represents the lower bound value of the result.

Properties: Optional Basic Number
Length: 13 Decimal places: 5
Not Case sensitive
TD Name: LOWER_RANGE_VALUE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: UPPER_RANGE_VALUE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: Represents the upper bound value of the result.

Properties: Optional Basic Number
Length: 13 Decimal places: 5
Not Case sensitive
TD Name: UPPER_RANGE_VALUE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TAXON_POLLUTION_TOLERANCE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: <None>

Properties: Optional Basic Text
Length: 4
Not Case sensitive
TD Name: TAXON_POLLUTION

Values:
Default: <None>

=====

Attribute: FUNCTIONAL_FEEDING_GROUP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: <None>

Properties: Optional Basic Text
Length: 6
Not Case sensitive
TD Name: FNCTIONAL_FEED_GRP

Values:
Default: <None>

=====

Attribute: TROPHIC_LEVEL
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: <None>

Properties: Optional Basic Text
Length: 4
Case sensitive
TD Name: TROPHIC_LEVEL

Values:

Default: <None>

=====

Attribute: COMPLETE_INDICATOR_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_DEFAULT

Description: This is used to determine whether or not the row in Characteristic Default entity is complete. A complete row contains the row id, characteristic name, unit of measure, value type and where applicable the analytical procedure. If the analytical procedure is required for that characteristic, then the user must enter an analytical procedure in defaults for the row to be considered complete.

Properties: Mandatory Designed Text

Length: 1

Not Case sensitive

TD Name: COMP_IND_CD

Values:

Default: <None>

Permitted Values

Y

Yes

N

No

=====

Attribute: PARTICLE_SIZE_BASIS

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_DEFAULT

Description: <None>

Properties: Optional Basic Text

Length: 40

Case sensitive

TD Name: PARTICLE_SIZE_BASIS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_DEFAULT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCHGRP_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_GROUP

Description: System-generated number used to identify the

characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCHGRP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRCHGRP_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_GROUP

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCHGRP_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_GROUP

Description: (V30.5.4) The Organization-assigned alphanumeric code
that identifies a Char Char Group Asgmt. The
combination of the Identification Number and the
Sequence Number must be unique.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive

TD Name: ID_CODE

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The Organization-defined label for the aggregation of characteristics.

Examples: Organics, Inorganics, Heavy metals, Trace metals, EPA priority pollutant, Pesticides, Nutrients, Bob's Group

Properties: Mandatory Basic Varchar

Length: 30

Case sensitive

TD Name: NAME

Values:

Default: <None>

=====

Attribute: FIELD_ACTIVITY_TYPE_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The type of the Field Activity being performed, used to distinguish between field samples and field measurements and observations.

Properties: Mandatory Basic Text

Length: 13

Case sensitive

TD Name: FLD_ACT_TYPE_NM

Values:

Default: <None>

Permitted Values

Sample
Sample

Field Msr/Obs
Field Measurements and Observations

Data Logger

=====

Attribute: MEDIUM_TYPE_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_GROUP

Description: The name of the medium or matrix represented by the
Field Activity.

Medium optionality by sample category type name:

ROUTINE SAMPLE: req.
FIELD REPLICATE: req.
COMPOSITE WITH PARENTS: req.
MEASUREMENT: opt.
OBSERVATION: opt.
HABITAT: not applic.
DEPLETION REPLICATE: req. BIOLOGICAL
REPLICATE MEASUREMENT: opt.
CREATED FROM SAMPLE: req.
INTEGRATED TIME SERIES: req.
INTEGRATED FLOW PROPORTIONED: req WATER
INTEGRATED HORIZONTAL PROFILE: req WATER
INTEGRATED VERTICAL PROFILE: req WATER
COMPOSITE W/O PARENTS: req.

Properties: Optional Basic Text
Length: 20
Case sensitive
TD Name: MEDIUM_TYPE_NAME

Values:
Default: <Spaces>

Permitted Values

<Spaces>

Soil
Activity represents soil at the monitoring site.

Biological

Activity represents the biota(individual or community)
at the monitoring site.

Water

Activity represents the physical or chemical
composition of the water at the monitoring site.

Sediment

Activity represents physical or chemical
characteristics of sediment at the bottom of a water
body.

Air

Activity represents air.

=====

Attribute: INTENT_TYPE_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The goal or purpose of a field activity whose medium
type is BIOLOGICAL. It is mandatory when MEDIUM TYPE
NAME is BIOLOGICAL and not permitted elsewhere.

Properties: Optional Basic Text

Length: 20

Case sensitive

TD Name: INTENT_TYPE_NAME

Values:

Default: <Spaces>

Permitted Values

<Spaces>

Indicates no report of intent

Tissue

A sample made up of tissue derived from an organism or
individual, or from a specific part of such an organism
or individual.

Taxon Abundance

For a biological sample, indicates that multiple
organisms or individuals are present, and that

information concerning their population abundance will be reported.

Individual

For a biological sample, indicates the whole sample is comprised of a single organism or individual.

=====

Attribute: COMMUNITY_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The name of the Biological Community from which the Sample was taken.

Note: This is only valid when MEDIUM_TYPE_NAME is BIOLOGICAL and INTENT_TYPE_NAME is TAXON ABUNDANCE.

Properties: Optional Basic Text

Length: 30

Case sensitive

TD Name: COMMUNITY_NAME

Values:

Default: <None>

=====

Attribute: RESULT_GROUP_TYPE_NAME

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The name of the kind of group.

Examples include:

1. population census by taxon (non- duplicative species count)
2. Coliform bacteria census by taxon
3. Single taxon frequency class
4. Single taxon group summary
5. Single taxon individual

Properties: Optional Basic Text

Length: 32

Case sensitive

TD Name: RES_GRP_TYPE_NM

Values:

Default: <None>

Permitted Values

Single Taxon Group Summary

Single Taxon Individuals

Single Taxon Frequency Classes

Multi-Taxon Population Census

=====
Attribute: DESCRIPTION_TEXT

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: The additional text which further describes the
aggregation of characteristics.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====
Attribute: HABITAT_ASSESS_IND

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: <None>

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: HABITAT_ASSESS_IND

Values:

Default: <None>

Permitted Values

Y

N

=====
Attribute: CHARACTERISTIC_DEFINED_IND

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: <None>

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: CHAR_DEFINED_IND

Values:

Default: <None>

Permitted Values

U

User-defined

S

System_defined

<Spaces>

=====
Attribute: D_USERID_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_GROUP

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_GROUP

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCPV_IS_NUMBER
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: System-generated number used to identify the characteristic permitted value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRCPV_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRCPV_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCPV_ORG_ID

Values:
Default: <None>

=====

Attribute: SHORT_NAME
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: The name of the characteristic permitted value.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive
TD Name: SHORT_NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: The additional text which further describes the permitted value.

Properties: Optional Basic Varchar
Length: 60
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_PERMITD_VALUE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRCHTYP_CATEGORY

Subject Area: CHARACTERISTICS

Entity Type: CHARACTERISTIC_TYPE

Description: The name of the high-level categorization of environmental characteristics.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive
TD Name: TSRCHTYP_CATEGORY

Values:
Default: <None>

Permitted Values

CHEMICAL

BACT./VIRAL

BIOLOGICAL

PHYSICAL

<Spaces>

=====
Attribute: TSRCHTYP_SUBCATGRY
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE

Description: The code that represents the ... of environmental characteristics.

Properties: Mandatory Basic Varchar
Length: 30
Not Case sensitive
TD Name: TSRCHTYP_SUBCATGRY

Values:
Default: <None>

=====
Attribute: TSRCHTYP_ORG_ID
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to

this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCHTYP_ORG_ID

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the database or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE_CHAR_ASGMNT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: CHARACTERISTICS
Entity Type: CHARACTERISTIC_TYPE_CHAR_ASGMNT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: LAST_PROCESSED_TAB
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Mandatory Basic Varchar
Length: 8

Not Case sensitive
TD Name: LAST_PROCESSED_TAB

Values:
Default: <None>

=====

Attribute: LAST_ACTION
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: LAST_ACTION

Values:
Default: <None>

=====

Attribute: LAST_PROCESSED_IS_NBR1
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: LAST_PROCESSED_IS_NBR1

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LAST_PROCESSED_IS_NBR2
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: LAST_PROCESSED_IS_NBR2

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LAST_PROCESSED_IS_NBR3
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: LAST_PROCESSED_IS_NBR3

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LAST_PROCESSED_ORG1
Subject Area: REPLICATION
Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Varchar
Length: 8
Not Case sensitive
TD Name: LAST_PROCESSED_ORG1

Values:
Default: <None>

=====

Attribute: LAST_PROCESSED_ORG2

Subject Area: REPLICATION

Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Varchar

Length: 8

Not Case sensitive

TD Name: LAST_PROCESSED_ORG2

Values:

Default: <None>

=====

Attribute: LAST_PROCESSED_ORG3

Subject Area: REPLICATION

Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Varchar

Length: 8

Not Case sensitive

TD Name: LAST_PROCESSED_ORG3

Values:

Default: <None>

=====

Attribute: SIC_CODE

Subject Area: REPLICATION

Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Varchar

Length: 4

Not Case sensitive

TD Name: SIC_CODE

Values:

Default: <None>

=====

Attribute: TYPE_NAME

Subject Area: REPLICATION

Entity Type: CHECKPOINT_INFO

Description: <None>

Properties: Optional Basic Varchar

Length: 15

Not Case sensitive

TD Name: TYPE_NAME

Values:

Default: <None>

=====

Attribute: TSRCITN_IS_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: CITATION

Description: (V30.2.1) A system generated value that uniquely identifies a Citation.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRCITN_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRCITN_ORG_ID

Subject Area: FIELD_ACTIVITIES

Entity Type: CITATION

Description: The user-defined code that uniquely identifies the

Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRCITN_ORG_ID

Values:
Default: <None>

=====

Attribute: ORGANIZATION_TYPE_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: A Code (NAT or ORG) indicating whether this citation record is under the control of EPA STORET administrators (NAT) or a data-owning organization (ORG).

Properties: Mandatory Basic Text
Length: 3
Not Case sensitive
TD Name: ORG_TYPE_CODE

Values:
Default: <None>

Permitted Values

NAT
A National (owned and administered by EPA) citation record.

ORG
Citation owned and administered by a registered data owning ORG.

Attribute: ORGANIZATION_REFERENCE_ID_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: CITATION

Description: An identifier used by the Organization which owns the
CITATION to identify it within their organization.

Should be unique within the ORG.

Properties: Optional Basic Varchar

Length: 20

Not Case sensitive

TD Name: ORG_REF_ID_NUM

Values:

Default: <None>

=====

Attribute: AUTHOR_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: CITATION

Description: (V30.2.4) The full name(s) of author(s) of the
publication being cited.

Properties: Mandatory Basic Varchar

Length: 120

Case sensitive

TD Name: AUTHOR_NAME

Values: <Not applicable>

=====

Attribute: PUBLICATION_YEAR

Subject Area: FIELD_ACTIVITIES

Entity Type: CITATION

Description: (V30.2.5) The copyright year of the publication being
cited.

Properties: Mandatory Basic Text

Length: 4

Not Case sensitive

TD Name: PUBLICATION_YEAR

Values:
Default: <None>

=====

Attribute: ARTICLE_OR_BOOK_TITLE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: (V30.2.2) The official name of the publication being cited.

Properties: Mandatory Basic Varchar
Length: 120
Case sensitive
TD Name: TITLE_NAME

Values: <Not applicable>

=====

Attribute: JOURNAL_OR_PUBLISHER_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: The name of the organization which issued the publication being cited.

Properties: Mandatory Basic Varchar
Length: 120
Case sensitive
TD Name: JRNL_OR_PBLSHR_NM

Values: <Not applicable>

=====

Attribute: VOLUME_AND_PAGE_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: Specific volume and page numbers within the literature cited which apply to data supported by the CITATION.

Properties: Mandatory Basic Varchar
Length: 20

Case sensitive
TD Name: VOL_AND_PG_NUM

Values:
Default: <None>

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: (V30.2.7) User-defined text that provides further information about the Citation.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: (V30.2.8) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION

Description: (V30.2.9) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION_PROJECT_ASGNMT

Description: (v30.7.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: CITATION_PROJECT_ASGNMT

Description: (V30.7.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMCPORG_IS_NUMBER
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMCPORG_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMCPORG_ORG_ID
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMCPORG_ORG_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: The formal full-length name of the Cooperating Organization.

Example: University of Hawaii

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: POINT_OF_CONTACT_NAME
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: The name of the point of contact for the Cooperating Organization who has knowledge of the relationship between the Cooperating Organization and the data-owning Organization.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: POC_NAME

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: COOPERATING_ORGANIZATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: DB_TIMESTAMP
Subject Area: REFERENCE_TABLES
Entity Type: DBMS_USER

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: DB_TIMESTAMP

Values: <Not applicable>

=====

Attribute: TSMDBUSR_USERID
Subject Area: REFERENCE_TABLES
Entity Type: DBMS_USER

Description: <None>

Properties: Mandatory Basic Text
Length: 8
Case sensitive
TD Name: TSMDBUSR_USERID

Values:
Default: <None>

=====

Attribute: MINIMUM_DETECTION_LIMIT
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: Represents the least amount of the target substance which could be detected by the instrument/analytical process employed to determine the result. Above this value the target substance is presumed to be present.

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: MIN_DETECT_LIMIT

Values:
Default: <None>

=====

Attribute: MAXIMUM QUANTITATION LIMIT
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: Represents the largest amount of the target substance which could be quantified by the instrument/analytical process employed to determine the result. Values above the minimum and below the maximum quantitation limits are reported as valid numeric results.

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: MAX_QUANT_LIMIT

Values:
Default: <None>

=====

Attribute: MINIMUM QUANTITATION LIMIT
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: Represents the least amount of the target substance which could be quantified by the instrument/analytical process employed to determine the result. Values above the minimum and below the maximum quantitation limits are reported as valid numeric results.

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: MIN_QUANT_LIMIT

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: The text describing details of the Organization that users may wish to provide.
For example, this text may be used to describe the purpose, mission, or goals of the Organization.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: A code that identifies the specific person making

changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: DETECTION_QUANTITATION_LIMIT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMEADDR_IS_NUMBER
Subject Area: ADDRESSES
Entity Type: ELECTRONIC_ADDRESS

Description: A system-generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMEADDR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMEADDR_ORG_ID
Subject Area: ADDRESSES
Entity Type: ELECTRONIC_ADDRESS

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMEADDR_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: ADDRESSES
Entity Type: ELECTRONIC_ADDRESS

Description: The code designating the type of Electronic Address.

Properties: Mandatory Basic Text
Length: 18
Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

Fax

A telephone number linked to a device capable of transmitting document facsimiles (faxes).

Phone

Telephone number of a standard voice connection to the individual or organization.

Internet

An internet address such as an email address or a Universal Resource Locator (URL) or an FTP (File Transfer Protocol) site address.

Other

Any other kind of electronic address. Use comments to further describe.

Commercial Network

An email address associated with a commercial network such as CompuServe or America OnLine

=====

Attribute: ADDRESS_TEXT

Subject Area: ADDRESSES

Entity Type: ELECTRONIC_ADDRESS

Description: Text or codes which are used to specify an Electronic Address for an Organization or an individual.

Example: Manning.Lee@EPAMAIL.EPA.GOV
http://www..epa.gov

Properties: Mandatory Basic Text

Length: 60

Case sensitive

TD Name: ADDRESS_TEXT

Values: <Not applicable>

=====

Attribute: COMMENT_TEXT

Subject Area: ADDRESSES

Entity Type: ELECTRONIC_ADDRESS

Description: The text that further clarifies the Electronic Address type. For example, if the Electronic Address type is a commercial network, then the comment text should define the type such as America Online.

Properties: Optional Basic Text

Length: 40

Case sensitive

TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ADDRESSES
Entity Type: ELECTRONIC_ADDRESS

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ADDRESSES
Entity Type: ELECTRONIC_ADDRESS

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: VOLTAGE_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.1) The magnitude of the electro-motive force (volts) applied to the electroshock equipment used to collect the Sample.

Properties: Mandatory Basic Number
Length: 6 Decimal places: 3
Not Case sensitive
TD Name: VOLTAGE_MEASURE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: CURRENT_TYPE_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.2) The code that represents the type of current produced by the electroshock equipment.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: CURRENT_TYPE_CODE

Values:
Default: <None>

Permitted Values

AC
Alternating Current

DC
Direct Current

=====

Attribute: AMPERAGE_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.3) The magnitude of the current (amperes)

produced by the electroshock equipment used to collect the Sample.

Properties: Optional Basic Number
Length: 6 Decimal places: 3
Not Case sensitive
TD Name: AMPERAGE_MEASURE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: PASS_COUNT
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.4) The number of times the electroshock gear was swept through the water from which the Sample was collected.

Properties: Optional Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: PASS_COUNT

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: PASS_LENGTH_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.5) The distance through which the electroshock was swept on each pass (assuming passes of equal length) through the water from which the Sample was collected.

Properties: Optional Basic Number
Length: 5 Decimal places: 0
Not Case sensitive

TD Name: PASS_LENGTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: PASS_LENGTH_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.6) The code that represents the units in which the pass length is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: PASS_LENGTH_UN_CD

Values:

Default: <Spaces>

Permitted Values

ft
Feet

m
Meters

<Spaces>

=====

Attribute: PULSE_RATE_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.7) The number of times the electric current is interrupted in one second during use of the gear.
Units are pulse/second.

Properties: Optional Basic Number
Length: 3 Decimal places: 0

Not Case sensitive
TD Name: PULSE_RATE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.8) User-defined text that provides further
information about the Electroshock Operation.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: TOTAL_ENERGIZED_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: <None>

Properties: Optional Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: TOTAL_ENERGZD_TIME

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Attribute: ENERGIZED_TIME_UNITS
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.22.2) The code that represents the units in which the sampling duration is expressed.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: ENERGZD_TIME_UNITS

Values:
Default: <Spaces>

Permitted Values

seconds
Days

minutes
Minutes

hours
Hours

<Spaces>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.9) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: ELECTROSHOCK_OPERATION_DETAIL

Description: (V30.4.10) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMEISN_NAME
Subject Area: REFERENCE_TABLES
Entity Type: ENTITY_INTERNAL_SYSTEM_NUMBER

Description: The table name of the entity (e.g., TSMORGAN).

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: TSMEISN_NAME

Values:
Default: <None>

=====

Attribute: TSMEISN_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: ENTITY_INTERNAL_SYSTEM_NUMBER

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8
Not Case sensitive
TD Name: TSMEISN_ORG_ID

Values:
Default: <None>

=====

Attribute: IS_NUMBER
Subject Area: REFERENCE_TABLES
Entity Type: ENTITY_INTERNAL_SYSTEM_NUMBER

Description: The next internal system number to utilize for a create action.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMERMSG_IS_NUMBER
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMERMSG_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Attribute: TSMERMSG_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMERMSG_ORG_ID

Values:
Default: <None>

=====

Attribute: MESSAGE_ID
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: <None>

Properties: Mandatory Basic Text
Length: 6
Not Case sensitive
TD Name: MESSAGE_ID

Values:
Default: <None>

=====

Attribute: MESSAGE_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: <None>

Properties: Mandatory Basic Varchar
Length: 254
Case sensitive

TD Name: MESSAGE_TEXT

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: The Organization user-defined description of a Station.
May include distance to left shore or right shore to
the Station.

Properties: Optional Basic Varchar
Length: 1999
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: REFERENCE_TABLES
Entity Type: ERROR_MESSAGES

Description: A system-generated value that represents the calendar

date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMESTRY_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY

Description: System-generated number used to identify the estuary.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMESTRY_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMESTRY_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMESTRY_ORG_ID

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY

Description: The name of the Estuary.

Properties: Mandatory Basic Varchar

Length: 30

Case sensitive

TD Name: NAME

Values:

Default: <None>

=====

Attribute: COUNTRY_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY

Description: The code for the country in an Address.

Properties: Mandatory Basic Text

Length: 2

Not Case sensitive

TD Name: COUNTRY_CODE

Values:

Default: <Spaces>

Permitted Values

US

United States

MX

Mexico

CN

Canada

<Spaces>

=====

Attribute: STATE_PROVINCE_NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY

Description: The state name or province name where the estuary resides.

Properties: Mandatory Basic Varchar

Length: 40

Case sensitive

TD Name: STATE_PROVINCE_NAME

Values: <Not applicable>

=====

Attribute: PRIMARY_INDICATOR

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY

Description: The code that indicates whether the estuary is a "primary" estuary ("Y") or a "secondary" estuary ("N").

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: PRIMARY_INDICATOR

Values:

Default: <None>

Permitted Values

Y

N

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: OTHER_ESTUARY_NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY_LOCATION

Description: The other/local name of the Estuary. Permits user to assign an alternate name to the estuary. When estuary is selected as "OTHER", this is the primary name.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: OTHER_ESTUARY_NAME

Values:

Default: <None>

=====

Attribute: ADDITIONAL_LOCATION_NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY_LOCATION

Description: Additional and more specific information concerning the region of the Estuary in which the Station is located.

EXAMPLE:

Estuary Name = Chesapeake Bay

Additional Location Name = St. Mary's
Lighthouse

Properties: Optional Basic Varchar

Length: 30

Case sensitive

TD Name: ADDTNL_LOC_NAME

Values:

Default: <None>

=====

Attribute: DISTANCE_TO_SHORE_MEASURE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY_LOCATION

Description: The distance from the Station to a reference point located on or near the shore.

Properties: Optional Basic Number

Length: 6 Decimal places: 2

Not Case sensitive

TD Name: SHORE_DISTANCE

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

Attribute: DISTANCE_TO_SHORE_UNIT_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY_LOCATION

Description: The units in which the distance to shore is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: SHORE_DIST_UNIT_CD

Values:

Default: <None>

Permitted Values

nmi

Nautical Miles

mi

Miles

m

Meters

km

Kilometers

ft

Feet

<Spaces>

=====

Attribute: REFERENCE_POINT_TEXT

Subject Area: GEOGRAPHIC_AREAS

Entity Type: ESTUARY_LOCATION

Description: The name or description of the reference point located
on or near the shore to which the distance from the
Station is measured.

Properties: Optional Basic Varchar

Length: 30

Case sensitive
TD Name: REFERENCE_PT

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY_LOCATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: ESTUARY_LOCATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMERS_IS_NUMBER
Subject Area: STATIONS
Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: The system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMERS_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMERS_ORG_ID
Subject Area: STATIONS
Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMERS_ORG_ID

Values:
Default: <None>

=====

Attribute: ACRONYM
Subject Area: STATIONS
Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: The abbreviation or acronym by which this scheme is commonly known. For example, if the reference is to the National Pollution Discharge Elimination System the acronym is NPDES.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: ACRONYM

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: STATIONS
Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: The name of the external reference scheme in which the
Station participates.

Examples:
1) National Pollution Discharge Elimination System
2) Environmental Monitoring and Assessment Program
3) Illinois Well Number scheme
4) Florida Land Grant
5) USGS well number

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: STATIONS
Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: The text that provides detailed information about how
Stations are numbered or otherwise identified using a
stated external reference scheme.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: STATIONS

Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: EXTERNAL_REFERENCE_SCHEME

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FACILITY_STATIONS

Entity Type: FACILITY_SIC_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FACILITY_STATIONS
Entity Type: FACILITY_SIC_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FACILITY_STATIONS
Entity Type: FACILITY_STATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FACILITY_STATIONS
Entity Type: FACILITY_STATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRFDACT_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.1) A system generated value that uniquely identifies a Field Activity.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRFDACT_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRFDACT_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given

Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRFDACT_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.2) The type of the Field Activity being performed, used to distinguish between field samples and field measurements and observations.

Properties: Mandatory Basic Text
Length: 13
Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

Permitted Values

Sample
Sample

Field Msr/Obs
Field Measurements and Observations

Data Logger

=====

Attribute: CATEGORY_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.3) A descriptor used to distinguish different kinds of samples and different kinds of M&O.

Properties: Mandatory Basic Text
Length: 30
Case sensitive
TD Name: CATEGORY_TYPE_NAME

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.4) The Organization-assigned alphanumeric code that identifies a Field Activity, sometimes called Sample ID.
The combination of the Identification Number and the Sequence Number must be unique.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: REPLICATE_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.5) User-assigned number applied to samples of the same type, medium, etc. to differentiate between them (e.g., Water Replicate 1 and Water Replicate 2, etc.)

Note: This applies only to certain Activity Categories for Samples (replicate, field replicate, depletion replicate, sample created from sample) and Measurements (measurement replicate)- not Observations.

Properties: Optional Basic Number
Length: 3 Decimal places: 0

Not Case sensitive
TD Name: REPLICATE_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: MEDIUM_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.6) The name of the medium or matrix where the
Field Activity occurred.

Medium optionality by sample category type name:
ROUTINE SAMPLE: req.
FIELD REPLICATE: req.
COMPOSITE WITH PARENTS: req
MEASUREMENT: opt.
OBSERVATION: opt.
HABITAT: not applic.
DEPLETION REPLICATE: req. BIOLOGICAL
REPLICATE MEASUREMENT: opt.
CREATED FROM SAMPLE: req.
INTEGRATED TIME SERIES: req.
INTEGRATED FLOW PROPORTIONED: req. WATER
INTEGRATED HORIZONTAL PROFILE: req. WATER
INTEGRATED VERTICAL PROFILE: req. WATER
COMPOSITE W/O PARENTS: req.

Properties: Optional Basic Text
Length: 20
Case sensitive
TD Name: MEDIUM_TYPE_NAME

Values:
Default: <None>

Permitted Values

Air
Activity represents air.

Sediment
Activity represents physical or chemical

characteristics of sediment at the bottom of a water body.

Water

Activity represents the physical or chemical composition of the water at the monitoring site.

Biological

Activity represents the biota (individual or community) at the monitoring site.

<Spaces>

Soil

Activity represents soil at the monitoring site.

=====

Attribute: INTENT_TYPE_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.7) The primary reason the Field Activity occurred.

Note: This is mandatory for Biological Medium.

Properties: Optional Basic Text

Length: 20

Case sensitive

TD Name: INTENT_TYPE_NAME

Values:

Default: <Spaces>

Permitted Values

Individual

For a biological sample, indicates the whole sample is comprised of a single organism or individual.

Taxon Abundance

For a biological sample, indicates that multiple organisms or individuals are present, and that information concerning their population abundance will be reported.

Tissue

A sample made up of tissue derived from an organism or individual, or from a specific part of such an organism or individual.

<Spaces>

Indicates no report of intent.

=====

Attribute: COMMUNITY_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.8) The name of the Biological Community from which the Sample was taken.

Note: This is only valid when MEDIUM TYPE NAME is BIOLOGICAL and INTENT TYPE NAME is TAXON ABUNDANCE.

Properties: Optional Basic Text

Length: 30

Case sensitive

TD Name: COMMUNITY_NAME

Values:

Default: <None>

=====

Attribute: START_DATE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.9) For Samples Collected or for Measurements/Observations made - the date that the Field Activity began.

For Samples Created from other samples - the date on which a sample is created by compositing, splitting, or subsampling from a parent sample.

Properties: Mandatory Basic Date

Length: 8

Not Case sensitive

TD Name: START_DATE

Values: <Not applicable>

=====

Attribute: START_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.10) For Samples Collected or for
Measurements/Observations made - the time that the
Field Activity began.

For Samples Created from other samples - the time at
which a sample is created by compositing, splitting, or
subsampling from a parent sample.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: START_TIME

Values: <Not applicable>

=====

Attribute: START_TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.13) Any of the longitudinal divisions of the
earth's surface in which a standard time is kept. Each
zone observes a clock time one hour earlier than the
zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: START_TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

EST
Eastern Standard Time

CST
Central Standard Time

MST
Mountain Standard Time

PST
Pacific Standard Time

EDT
Eastern Daylight Savings Time

CDT
Central Daylight Savings Time

MDT
Mountain Daylight Savings Time

PDT
Pacific Daylight Savings Time

AST
Atlantic Standard Time

ADT
Atlantic Daylight Savings Time

<Spaces>

GMT
Greenwich Mean Time

HI
Hawaii standard time

AK
Alaskan standard time

GU
Guam standard time

=====

Attribute: STOP_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.11) Date that the Field Activity ended.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: STOP_DATE

Values: <Not applicable>

=====

Attribute: STOP_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.12) Time that the Field Activity ended.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: STOP_TIME

Values: <Not applicable>

=====

Attribute: STOP_TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: STOP_TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

EST
Eastern Standard Time

CST
Central Standard Time

MST
Mountain Standard Time

PST
Pacific Standard Time

EDT
Eastern Daylight Savings Time

CDT
Central Daylight Savings Time

MDT
Mountain Daylight Savings Time

PDT
Pacific Daylight Savings Time

AST
Atlantic Standard Time

ADT
Atlantic Daylight Savings Time

<Spaces>

GMT
Greenwich Mean Time

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.14) Free text comments originating from members of the field crew regarding the Field Activity.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: ZONE_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.15) The name of the zone within which the activity occurs.

Properties: Optional Basic Text
Length: 15
Case sensitive
TD Name: ZONE_TYPE_NAME

Values:
Default: <Spaces>

Permitted Values

Epilimnion

Zone of water above some discontinuity barrier (e.g., thermocline, chemocline, halocline, pycnocline), sometimes referred to as hyperlimnion. This zone is sometimes referred to as the mixing zone.

Mesolimnion

Zone of water within some discontinuity barrier (e.g., thermocline, chemocline, halocline, pycnocline). This zone is sometimes referred to as the metalimnion.

Hypolimnion

Zone of water below some discontinuity barrier (e.g., thermocline, chemocline, halocline, pycnocline). This zone is sometimes referred to as the non-mixing zone.

Epibenthic

The uppermost zone of the benthic regime (just above the bottom).

Mesobenthic

The zone in the middle of the benthic regime.
Sometimes referred to as the metabenthic.

Hypobenthic

The lowermost zone of the benthic regime.

<Spaces>

Indicates no report.

=====

Attribute: RELATIVE_DEPTH_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.16) The name that indicates the approximate location within the water column at which the activity occurred.

Properties: Optional Basic Text

Length: 15

Case sensitive

TD Name: RELTV_DEPTH_NAME

Values:

Default: <Spaces>

Permitted Values

<Spaces>

Indicates no report.

Bottom

Indicates field activity occurred at the bottom of a water body.

Midwater

Indicates the activity took place between the surface and bottom, but not at either extreme.

Surface

Indicates the activity took place on or at the surface of the water.

Subbottom

Indicates the activity took place within the bottom sediment.

Near Bottom

=====

Attribute: DEPTH_REFERENCE_POINT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.17) The text that describes the reference point from which the depth is measured.

Properties: Optional Basic Varchar

Length: 30

Not Case sensitive

TD Name: DEPTH_REF_POINT

Values:

Default: <None>

=====

Attribute: DEPTH_TO_ACTIVITY_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.18) Distance from the surface to the point in the water column at which the activity is conducted.

Properties: Optional Basic Number

Length: 7 Decimal places: 2

Not Case sensitive

TD Name: DEPTH_TO_ACTIVITY

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DEPTH_TO_ACTIVITY_UNIT_CD

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.19) The code that represents the units in which

the depth to activity is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: DEPTH_TO_ACT_UN_CD

Values:

Default: <Spaces>

Permitted Values

ft

Feet

m

Meters

<Spaces>

=====

Attribute: UPPER_DEPTH_TO_ACTIVITY_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.20) This measure is associated with an activity that is normally conducted over or within a vertical depth range within the water column. This attribute is a measure of the distance from the surface to the upper boundary of the zone within which the activity is conducted or over which the activity is integrated.

Properties: Optional Basic Number

Length: 7 Decimal places: 2

Not Case sensitive

TD Name: UPPER_DEPTH_TO_ACT

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DEPTH_TO_ACTIVITY_MSR_UNIT_CD

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.21) The code that represents the units in which the upper depth to activity is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: DEPTH_MSR_UNT_CD

Values:

Default: <Spaces>

Permitted Values

ft

Feet

m

Meters

<Spaces>

=====

Attribute: LOWER_DEPTH_TO_ACTIVITY_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: (V30.5.22) This measure is associated with an activity that is normally conducted over or within a vertical depth range within the water column. This attribute is a measure of the distance from the surface to the lower boundary of the zone within which the activity is conducted or over which the activity is integrated.

Properties: Optional Basic Number

Length: 7 Decimal places: 2

Not Case sensitive

TD Name: LOWER_DEPTH_TO_ACT

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: THERMOCLINE_LOCATION_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: A code indicating that a particular field activity was conducted A(above), B(below), or I(in) the layer identified as the thermocline.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: THERMOCLINE_LOC_CD

Values:

Default: <None>

Permitted Values

A

ABOVE - the activity took place above the layer identified as the thermocline.

B

BELOW - the activity took place below the layer identified as the thermocline.

I

IN - the activity took place within the layer identified as the thermocline.

=====

Attribute: PYCNOCLINE LOCATION CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: A code indicating that a particular field activity was conducted A(above), B(below), or I(in) the layer identified as the pycnocline.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: PYCNOCLINE_LOC_CD

Values:

Default: <None>

Permitted Values

I

IN - the activity took place within the layer
identified as the pycnocline.

B

BELOW - the activity took place below the layer
identified as the pycnocline.

A

ABOVE - the activity took place above the layer
identified as the halocline.

=====

Attribute: HALOCLINE LOCATION CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY

Description: A code indicating that a particular field activity was
conducted A(above), B(below), or I(in) the layer
identified as the halocline.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: HALOCLINE_LOC_CD

Values:

Default: <None>

Permitted Values

I

IN - the activity took place within the layer
identified as the halocline.

B

BELOW - the activity took place below the layer
identified as the halocline.

A

ABOVE - the activity took place above the layer identified as the halocline.

=====

Attribute: SPECIES_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: A number assigned as a part of a taxonomic identification. Used with a valid genus name to indicate a unique species has been observed but not taxonomically identified (e.g., *lepomis* sp.1).

Properties: Optional Basic Text
Length: 8
Case sensitive
TD Name: SPECIES_NUMBER

Values:
Default: <None>

Permitted Values

sp.1
Self describing.

<Spaces>
Needed to permit clearing field. Also denotes a taxonomic identification which is certain.

sp.5
Self describing.

sp.3
Self describing.

sp.2
Self describing.

sp.4
Self describing.

sp.6
Self describing.

sp.7
Self describing.

sp.8
Self describing.

sp.9
Self describing.

=====
Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.24) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====
Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY

Description: (V30.5.25) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY_FIELD_SET_ASGNMT

Description: (V30.6.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY_FIELD_SET_ASGNMT

Description: (V30.6.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY_PERSON_ASSIGNMENT

Description: (v30.7.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY_PERSON_ASSIGNMENT

Description: (V30.7.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY_PROJECT_ASSGNMT

Description: (V30.8.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_ACTIVITY_PROJECT_ASSGNMT

Description: (V30.8.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY_QC_SAMPLE_ASGN

Description: (V30.9.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_ACTIVITY_QC_SAMPLE_ASGN

Description: (V30.9.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRFLDGR_IS_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_GEAR

Description: (V30.15.1) A system generated value that uniquely identifies a Field Sampling Gear.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRFLDGR_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRFLDGR_ORG_ID

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_GEAR

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSRFLDGR_ORG_ID

Values:

Default: <None>

=====

Attribute: IDENTIFICATION_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_GEAR

Description: (V30.17.2) The Organization-assigned alphanumeric that identifies a Field Set. Must be unique within the Station Visit.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_GEAR

Description: (V30.15.2) The name of the type or category of Field Sampling Gear.

Properties: Mandatory Basic Text
Length: 25
Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_GEAR

Description: (V30.15.3) The name of the Field Sampling Gear used to collect Samples.

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====
Attribute: DESCRIPTION_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_GEAR

Description: (V30.15.4) User-defined text that provides further information about the Field Sampling Gear.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====
Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_GEAR

Description: (V30.15.5) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====
Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_GEAR

Description: (V30.15.6) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20

Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRFLDPR_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_PROCEDURE

Description: (V30.16.1) A system generated value that uniquely identifies a Field Sampling Procedure.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRFLDPR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRFLDPR_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_PROCEDURE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRFLDPR_ORG_ID

Values:
Default: <None>

Attribute: IDENTIFICATION_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.16.4) The short name (i.e., abbreviation or acronym) for procedure listed in guidance document.

Properties: Mandatory Basic Text

Length: 10

Not Case sensitive

TD Name: ID_CODE

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.16.3) The name of the sampling procedure, as listed in the reference document.

Properties: Mandatory Basic Varchar

Length: 60

Case sensitive

TD Name: NAME

Values: <Not applicable>

=====

Attribute: FIELD_GEAR_TYPE_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.15.2) The name of the type or category of Field Sampling Gear. Exactly matches TYPE NAME found in the FIELD GEAR table.

Properties: Mandatory Basic Text

Length: 25

Case sensitive

TD Name: FLD_GEAR_TYPE_NAME

Values:

Default: <None>

Permitted Values

Miscellaneous/Other

Devices not covered in any of the other categories.

Examples include poisons, sport fishing gear, dynamite, cameras, and visual sightings.

Trap/Substrate

Devices designed to be deployed in an aquatic environment and later retrieved and examined for the presence of organisms either captured by or attached to the device. Substrates are usually designed to simulate desirable habitat for benthic (bottom dwelling) animals, and organisms "adopt" the device voluntarily. Traps usually imply non-voluntary presence of the organism.

Water Sampler

Devices which admit water into some kind of container, from which the water is later decanted for analysis.

Various tubes, bottles, and bags fall into this category.

Net/Vertical Tow

Devices constructed mainly of netting designed to be drawn vertically through the water column to capture animals (usually fish, or more frequently, plankton).

One kind is more commonly called "vertical plankton net".

Benthic Dredge

Devices which dredge sediment from the bottom or benthic zone.

Benthic Corer

Devices which extract cylindrical core samples from the bottom sediment (benthic zone).

Net/Non-Tow

Devices constructed mainly of netting designed to capture aquatic animals (usually fish) by a deployment and retrieval of the net device.

Net/Horizontal Tow

Devices constructed mainly of netting, designed to be trawled or towed from a vessel over a horizontal track,

as the vessel moves. Also called "trawls".

Benthic Grab

Devices which extract a specimen of bottom sediment in a single cut or grab operation.

Electroshock

Devices which employ electric current to stun or kill animals in the stream (typically fish) to facilitate their collection.

<Spaces>

Needed to permit clearing field.

=====

Attribute: DESCRIPTION_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.16.5) A long description that provides further information about the Field Sampling Procedure.

Properties: Mandatory Basic Varchar

Length: 254

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.16.6) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_PROCEDURE

Description: (V30.16.7) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRFQS_IS_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.1) A system generated value that uniquely identifies a Field QC Sample.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRFQS_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRFQS_ORG_ID

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table

applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRFQS_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.2) The Organization-defined alphanumeric code that identifies a Field QC Sample. This number must be unique within the Trip.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.3) The type of Field QC Sample being described.

Properties: Mandatory Basic Text
Length: 24
Case sensitive
TD Name: TYPE_NAME

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.4) The Organization-defined long name of the
Field QC Sample.

Properties: Optional Basic Varchar

Length: 30

Case sensitive

TD Name: NAME

Values:

Default: <None>

=====

Attribute: CREATION_DATE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.5) The date on which the Field QC Sample was
created.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: CREATION_DATE

Values: <Not applicable>

=====

Attribute: CREATION_TIME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.6) The time at which the Field QC Sample was
created.

Properties: Optional Basic Time

Length: 6

Not Case sensitive
TD Name: CREATION_TIME

Values: <Not applicable>

=====

Attribute: TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.7) Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

ADT
Atlantic Daylight Savings Time

AST
Atlantic Standard Time

PDT
Pacific Daylight Savings Time

MDT
Mountain Daylight Savings Time

CDT
Central Daylight Savings Time

EDT
Eastern Daylight Savings Time

PST
Pacific Standard Time

MST
Mountain Standard Time

CST
Central Standard Time

EST
Eastern Standard Time

<Spaces>

GMT

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: TOTAL_VOLUME_MEASURE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.8) The total volume of material which
comprises the Field QC Sample.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: TOTAL_VOLUME_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TOTAL_VOLUME_UNIT_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.9) The code that represents the units in which the total volume is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: TOTAL_VOLUME_UN_CD

Values:

Default: <Spaces>

Permitted Values

gal

Gallons

l

Liters

ml

Milliliters

qt

Quarts

oz

Fluid Ounces

pt

Pints

<Spaces>

=====

Attribute: CONTAINER_TYPE_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.10) The name of the style and material of the container which is used to collect and transport the sample.

Properties: Optional Basic Text

Length: 32

Case sensitive

TD Name: CONTAINER_TYPE_NM

Values:

Default: <None>

=====

Attribute: CONTAINER_COLOR

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: <None>

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: CONTAINER_COLOR

Values:

Default: <None>

=====

Attribute: CONTAINER_SIZE_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.11) The measure of the size of the container
for the Field QC Sample.

Properties: Optional Basic Number

Length: 6 Decimal places: 2

Not Case sensitive

TD Name: CONTAINER_SIZE_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: CONTAINER_SIZE_UNIT_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.12) The code that represents the units in

which the container size is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: CONTAINER_SIZE_UN

Values:

Default: <Spaces>

Permitted Values

qt

Quarts

pt

Pints

oz

Fluid Ounces

l

Liters

ml

Milliliters

gal

Gallons

<Spaces>

=====

Attribute: COMMENT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.13) User-defined text that provides further information about the Field QC Sample.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: CREATION_METHOD_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.14) User-defined text that describes how the
Field QC Sample was created.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: CREATION_METHOD

Values: <Not applicable>

=====

Attribute: TRANSPORT_STORAGE_COMMENT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.15) User-defined text that provides further
information about the Transport & Storage of the Field
QC Sample.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: TRANSPORT_STORAGE

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.16) A code that identifies the specific person
making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE

Description: (V30.11.17) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRFQSDP_IS_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.1) A system generated value that uniquely identifies a Field_qc Sampling Default Profile.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRFQSDP_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRFQSDP_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRFQSDP_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.17.2) The Organization-assigned alphanumeric that identifies a Field Set. Must be unique within the Station Visit.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.11.3) The type of Field QC Sample being described.

Properties: Mandatory Basic Text

Length: 24
Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.3) The Organization-defined long name for a
Field Sampling Default Profile.

Note: Must be unique within the Organization.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: CONTAINER_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.4) A default for the style and material of the
container which is used to collect and transport a
sample.

Properties: Optional Basic Text
Length: 32
Case sensitive
TD Name: CONTAINER_TYPE_NM

Values:
Default: <None>

Attribute: CONTAINER_COLOR
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: Describes the color of the container used to collect
and transport the sample.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: CONTAINER_COLOR

Values:
Default: <None>

=====

Attribute: CONTAINER_SIZE_MSR
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.5) A default for the measure of the size of
the container for a Sample.

Properties: Optional Basic Number
Length: 6 Decimal places: 2
Not Case sensitive
TD Name: CONTAINER_SIZE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: CONTAINER_SIZE_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.6) The code that represents the default units
in which the container size is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive

TD Name: CONTAINER_SIZE_UN

Values:

Default: <Spaces>

Permitted Values

qt

Quarts

pt

Pints

oz

Fluid Ounces

l

Liters

ml

Milliliters

gal

Gallons

<Spaces>

=====

Attribute: COMMENT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.11.13) User-defined text that provides further information about the Field QC Sample.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: CREATION_METHOD_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: <None>

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: CREATION_METHOD

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.13) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_QC_SAMPLE_DEFAULT_PROFILE

Description: (V30.14.14) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE_PERSON_ASGNMT

Description: (V30.12.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_QC_SAMPLE_PERSON_ASGNMT

Description: (V30.12.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRFDSET_IS_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: FIELD_SET

Description: (V30.17.1) A system generated value that uniquely identifies a Field Set.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRFDSET_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRFDSET_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRFDSET_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: (V30.17.2) The Organization-assigned alphanumeric that
identifies a Field Set. Must be unique within the
Station Visit.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: (V30.17.3) The long name assigned by the Organization to the Field Set.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: (V30.17.4) User-defined text that provides further information about the Field Set.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: (V30.17.5) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: FIELD_SET

Description: (V30.17.6) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: MATERIAL_TYPE_CODE
Subject Area: WELL_STATIONS
Entity Type: FILL

Description: The code that identifies the type of material used as fill for a Well interval.

Properties: Mandatory Basic Text
Length: 20
Case sensitive
TD Name: MATERIAL_TYPE_CD

Values:
Default: <None>

=====

Attribute: VOLUME_MEASURE
Subject Area: WELL_STATIONS
Entity Type: FILL

Description: The measure of the volume of the Fill for a Well interval in cubic yards, cubic feet or cubic meters.

Properties: Optional Basic Number
Length: 7 Decimal places: 3
Not Case sensitive
TD Name: VOLUME_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: VOLUME_UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: FILL

Description: The code that represents the units in which the volume of fill in a Well interval is expressed.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: VOLUME_UNIT_CODE

Values:
Default: <None>

Permitted Values

ft3

m3

yd3

<Spaces>

=====

Attribute: THICKNESS_MEASURE

Subject Area: WELL_STATIONS

Entity Type: FILL

Description: The measure of the thickness of the Fill for a Well interval expressed in centimeters or inches.

Properties: Optional Basic Number

Length: 6 Decimal places: 3

Not Case sensitive

TD Name: THICKNESS_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: THICKNESS_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: FILL

Description: The code that represents the units in which the thickness of the fill for a Well interval is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: THICKNESS_UNT_CD

Values:

Default: <None>

Permitted Values

cm

CENTIMETERS

in

INCHES

<Spaces>

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: FILL

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: FILL

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMFHU_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMFHU_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMFHU_ORG_ID

Subject Area: GEOGRAPHIC_AREAS

Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMFHU_ORG_ID

Values:

Default: <None>

=====

Attribute: HYDROLOGIC_UNIT_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The Federal Information Processing Standard (FIPS) code for Hydrologic Units, as defined in FIPS Publication 103.

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: HYDROLOGIC_UNIT_CD

Values:

Default: <None>

=====

Attribute: NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The Federal Information Processing Standard (FIPS) name associated with code established for Hydrologic Units, as defined in FIPS Publication 103.

Properties: Optional Basic Varchar
Length: 50
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: STATES_NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The names of the states in which the FIPS HUC exists.

Properties: Optional Basic Text
Length: 16
Not Case sensitive
TD Name: STATES_NAME

Values:
Default: <None>

=====

Attribute: LATITUDE_MAXIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The maximum latitude for the boundary of a Federal Information Processing Standard (FIPS) Hydrologic Unit.

Used internally to assist in searching for Hydrologic Units which match a given latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MAX_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LATITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The minimum latitude for the boundary of a Federal Information Processing Standard (FIPS) Hydrologic Unit.

Used internally to assist in searching for Hydrologic Units which match a given latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MAXIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The maximum longitude for the boundary of a Federal Information Processing Standard (FIPS) Hydrologic Unit.

Used internally to assist in searching for Hydrologic Units which match a given latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LONG_MAX_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: The minimum longitude for the boundary of a Federal Information Processing Standard (FIPS) Hydrologic Unit.

Used internally to assist in searching for Hydrologic Units which match a given latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LONG_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: FIPS_HYDROLOGIC_UNIT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRGRCFG_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: (V30.18.1) A system generated value that uniquely identifies a Gear Configuration.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRGRCFG_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRGRCFG_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRGRCFG_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: (V30.18.2) The code that identifies a Gear Configuration within the Organization.

Note: Must be unique within the Organization.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: (V30.18.3) The name of the Gear Configuration.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: (V30.18.5) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: GEAR_CONFIGURATION

Description: (V30.18.6) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMGNTXT_IS_NUMBER
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMGNTXT_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMGNTXT_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMGNTXT_ORG_ID

Values:
Default: <None>

=====

Attribute: TABLE_NAME
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: <None>

Properties: Mandatory Basic Varchar
Length: 8
Not Case sensitive
TD Name: TABLE_NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_NAME
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: This is the attribute name.

Properties: Mandatory Basic Varchar
Length: 8
Not Case sensitive
TD Name: DESCRIPTION_NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: The free text description of the characteristic under evaluation.

Properties: Mandatory Basic Varchar
Length: 1999
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: REFERENCE_TABLES
Entity Type: GENERIC_TEXT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: REFERENCE_TABLES

Entity Type: GENERIC_TEXT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMGEOUN_CD

Subject Area: STATIONS

Entity Type: GEOLOGIC_UNIT

Description: The official USGS NWIS II code which identifies the Geologic Unit.

Properties: Mandatory Basic Text

Length: 12

Not Case sensitive

TD Name: TSMGEOUN_CD

Values:

Default: <None>

=====

Attribute: TSMGEOUN_ORG_ID

Subject Area: STATIONS

Entity Type: GEOLOGIC_UNIT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security.

Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMGEOUN_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: STATIONS
Entity Type: GEOLOGIC_UNIT

Description: The code that denotes whether the Geologic Unit (in the identified state) is water-bearing, ie. an aquifer, or not.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

-
- H
Hydrogeologic. This geologic formation is water-bearing (an aquifer) in this State.
 - G
Geologic. This formation is non-water-bearing (geologic only) in this state.
 - B
Both Hydrogeologic and Geologic. This formation is sometimes water-bearing and sometimes not, in this State.

Attribute: STATE_CODE
Subject Area: STATIONS
Entity Type: GEOLOGIC_UNIT

Description: The Postal Abbreviation code of a State under which the Geologic Unit lies. The same Geologic Unit may extend under several States. It may be water-bearing (an aquifer) in some States, but not all.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: STATE_CODE

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: STATIONS
Entity Type: GEOLOGIC_UNIT

Description: The official USGS NWIS II name which identifies the Geologic Unit.

Properties: Mandatory Basic Varchar
Length: 80
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: STATIONS
Entity Type: GEOLOGIC_UNIT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: STATIONS
Entity Type: GEOLOGIC_UNIT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMGEOPA_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The number used to represent the name of a county that may be associated with a Station.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMGEOPA_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMGEOPA_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMGEOPA_ORG_ID

Values:
Default: <None>

=====

Attribute: LATITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The minimum latitude associated with the boudary for a county.

Used internally to assist in searching for states, provinces, and counties which match a given latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LATITUDE_MAXIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The maximum latitude associated with the boudary for a county.

Used internally to assist in searching for states,
provinces, and counties which match a given
latitude/longitude point.

*** Need algorithm to convert an absolute location
point with lat/long degrees, minutes, seconds into a
lat/long max and min. The same question applies to
FIPS HYDROLOGIC UNIT.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MAX_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The minimum longitude for the boundary associated with
a county.

Used internally to assist in searching for states,
provinces, and counties which match a given
latitude/longitude point.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LONG_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MAXIMUM_DEGREE_MEASURE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: The maximum longitude for the boundary associated with a county.

Used internally to assist in searching for states, provinces, and counties which match a given latitude/longitude point.

Properties: Optional Basic Number

Length: 14 Decimal places: 4

Not Case sensitive

TD Name: LONG_MAX_DEGREE

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: COUNTY_FIPS_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: The Federal Information Processing Standard (FIPS) name for counties and equivalent entities in the United States, its possessions, and associated areas, as defined in FIPS Publication 6-4.

Properties: Optional Basic Text

Length: 3

Not Case sensitive

TD Name: FIPS_COUNTY_CODE

Values:

Default: <None>

=====

Attribute: COUNTY_NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: The official name of the county as stated in the

Federal Information Processing Standard (FIPS).

Properties: Optional Basic Varchar
Length: 25
Case sensitive
TD Name: COUNTY_NAME

Values:
Default: <None>

=====

Attribute: STATE_FIPS_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The Federal Information Processing Standard (FIPS) name
for the states, the District of Columbia, and outlying
areas of the United States and associated areas, as
defined in FIPS Publication 5-2.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: STATE_FIPS_CODE

Values:
Default: <None>

=====

Attribute: STATE_NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The official name for a state in the United States as
stated in the Federal Information Processing Standard
(FIPS).

Properties: Mandatory Basic Varchar
Length: 21
Case sensitive
TD Name: STATE_NAME

Values:
Default: <None>

=====

Attribute: STATE_POSTAL_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The postal abbreviation for the state or province in which the point is located. In the U.S., the U.S. Postal Service official 2 character code.

Properties: Optional Basic Text
Length: 2
Not Case sensitive
TD Name: STATE_POSTAL_CODE

Values:
Default: <None>

=====

Attribute: COUNTRY_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: The code that describes the name of the country as in the Federal Information Processing Standard (FIPS) pub 10-3.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: COUNTRY_CODE

Values:
Default: <None>

Permitted Values

US
UNITED STATES OF AMERICA

MX
MEXICO

CN
CANADA

CA

CANADA - Note: Conflicting information exists over what the abbreviation for Canada is CA or CN.

=====

Attribute: COUNTRY_NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: The name of the country associated with a Station.

Properties: Mandatory Basic Text

Length: 13

Case sensitive

TD Name: COUNTRY_NAME

Values:

Default: <None>

=====

Attribute: COASTAL_INDICATOR_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: A code indicating whether or not the county is a coastal county. A coastal county borders the ocean.

For internal use only.

Properties: Mandatory Basic Text

Length: 1

Not Case sensitive

TD Name: COASTAL_IND_CD

Values:

Default: <None>

=====

Attribute: GREAT_LAKE_INDICATOR_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: GEOPOLITICAL_AREA

Description: A code indicating whether or not the county boundary borders one of the Great Lakes.

For internal use only.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: GREAT_LAKE_IND_CD

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GEOPOLITICAL_AREA

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: The name of the Great Lake.

Properties: Mandatory Basic Text
Length: 15
Case sensitive
TD Name: NAME

Values:
Default: <None>

Permitted Values

Lake Superior

Lake Michigan

Lake Huron

Lake Erie

Lake Ontario

=====

Attribute: ADDITIONAL_LOCATION_NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: Additional and more specific information concerning the region of the Great Lake in which the Station is located.

EXAMPLE:
Great Lake Name = Lake Huron
Additional Location Name = Saginaw Bay

Properties: Optional Basic Varchar
Length: 30

Case sensitive
TD Name: ADDTNL_LOC_NAME

Values:
Default: <None>

=====

Attribute: DISTANCE_TO_SHORE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: The distance from the Station to a reference point
located on or near the shore.

Properties: Optional Basic Number
Length: 6 Decimal places: 2
Not Case sensitive
TD Name: SHORE_DISTANCE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: DISTANCE_TO_SHORE_UNIT_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: The units in which the distance to shore is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: SHORE_DIST_UNIT_CD

Values:
Default: <None>

Permitted Values

ft
Feet

km
Kilometers

m
Meters

mi
Miles

nmi
Nautical Miles

<Spaces>

=====

Attribute: REFERENCE_POINT_TEXT
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: The name or description of the reference point located
on or near the shore to which the distance from the
Station is measured.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: REFERENCE_PT

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: GREAT_LAKE_LOCATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRHCSC_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: <None>

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRHCSC_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRHCSC_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: The user-defined code that uniquely identifies the

Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRHCSC_ORG_ID

Values:
Default: <None>

=====

Attribute: ROW_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Optional Basic Text
Length: 8
Not Case sensitive
TD Name: ROW_ID

Values:
Default: <None>

=====

Attribute: CHARACTERISTIC_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: The name of the portion of the habitat which is being evaluated.

e.g., Bank erosion, bank stability, stream flow characteristics, cloud cover, and others.

The habitat index is usually included in the list of characteristics as a method of displaying its value.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: CHARACTERSTC_NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: Additional user-provided information to describe the
Habitat Classification characteristic being evaluated.

Instructions for performing the evaluation, including
permitted values, are included here.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: HABITAT_CLASS_SCHEME_CHAR

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: DIAMETER_MEASURE
Subject Area: WELL_STATIONS
Entity Type: HOLE

Description: The measure of the diameter of the Hole in which the Well is located expressed in centimeters, feet, inches, or meters. The diameter of the Hole is typically greater than the diameter of the Well Casing that resides in the Hole.

Properties: Mandatory Basic Number
Length: 5 Decimal places: 2
Not Case sensitive
TD Name: DIAMETER_MEASURE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: HOLE

Description: The units in which the diameter of a Borehole is expressed.

Properties: Mandatory Basic Text
Length: 3
Case sensitive
TD Name: UNIT_CODE

Values:
Default: <None>

Permitted Values

ft
FEET

m
METERS

cm
CENTIMETERS

<Spaces>

in
INCHES

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: HOLE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: WELL_STATIONS

Entity Type: HOLE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMINTVL_IS_NUMBER

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: A system generated value.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMINTVL_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMINTVL_ORG_ID

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMINTVL_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: WELL_STATIONS
Entity Type: INTERVAL

Description: The official USGS NWIS-II code that describes the type
of Well Interval.

Properties: Mandatory Basic Text
Length: 18
Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

LITHOLOGIC UNIT

Associates Lithological form with an interval.

GEOLOGIC UNIT

Associates a GEOLOGIC UNIT interval with its
descriptors. Aquifers are identified as WATER-BEARING
GEOLOGIC Intervals.

CASING

Associates a CASED INTERVAL with its descriptors.

FILL

Associates a FILLED INTERVAL with its descriptors.

OPENING

Associates an OPEN INTERVAL with its descriptors.

HOLE

Carries description of the drilled/bored/dug HOLE, eg.
Start depth, stop depth, and Diameter.

=====

Attribute: DEPTH_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: The units in which a Well Interval's start depth and stop depth are expressed.

Properties: Mandatory Basic Text

Length: 3

Case sensitive

TD Name: DEPTH_UNIT_CODE

Values:

Default: <None>

Permitted Values

ft

FEET

m

METERS

=====

Attribute: START_DEPTH_MEASURE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: The measure of the starting depth of a Well Interval as calculated from the reference point expressed in feet or meters.

Properties: Mandatory Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: START_DEPTH_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: STOP_DEPTH_MEASURE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: The measure of the stop (ending) depth of a Well
Interval as calculated from the reference point
expressed in feet or meters.

Properties: Mandatory Basic Number
Length: 8 Decimal places: 3
Not Case sensitive
TD Name: STOP_DEPTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: WELL_STATIONS

Entity Type: INTERVAL

Description: A system-generated value that represents the calendar
date and time on which this information was posted to

the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMIGUA_IS_NUMBER
Subject Area: WELL_STATIONS
Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: A system generated value that uniquely identifies an Interval Geologic Unit assignment.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMIGUA_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMIGUA_ORG_ID
Subject Area: WELL_STATIONS
Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMIGUA_ORG_ID

Values:

Default: <None>

=====

Attribute: OTHER_GEOLOGIC_UNIT_NAME

Subject Area: WELL_STATIONS

Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: Another name by which the selected USGS geologic unit
may be known within the local or study area.

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: OTH_GEO_UNIT_NM

Values: <Not applicable>

=====

Attribute: PRIMARY_AQUIFER_INDICATOR_CODE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: A code indicating if the geologic unit for the interval
has a primary aquifer.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: PRIM_AQUFR_IND_CD

Values:

Default: <None>

Permitted Values

Y

YES

N

NO

<Spaces>

=====

Attribute: WATER BEARING INDICATOR CODE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: A code indicating if the geologic unit for the interval
is water bearing.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: WATER_BEARING_IND

Values:

Default: <None>

Permitted Values

<Spaces>

N

NO

Y

YES

=====

Attribute: D_USERID_CODE

Subject Area: WELL_STATIONS

Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: INTERVAL_GEOL_UNIT_ASGMNT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRLAB_IS_NUMBER
Subject Area: RESULTS
Entity Type: LABORATORY

Description: System-generated number used to identify the laboratory.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRLAB_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRLAB_ORG_ID
Subject Area: RESULTS
Entity Type: LABORATORY

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security.

Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRLAB_ORG_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: RESULTS
Entity Type: LABORATORY

Description: The formal title of the laboratory facility.

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: RESULTS
Entity Type: LABORATORY

Description: An abbreviation or commonly-used name of the laboratory.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: RESULTS

Entity Type: LABORATORY

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: RESULTS

Entity Type: LABORATORY

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRLBRMK_IS_NUMBER

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: System-generated number used to identify the lab remark.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRLBRMK_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRLBRMK_ORG_ID

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSRLBRMK_ORG_ID

Values:

Default: <None>

=====

Attribute: SHORT_NAME

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: A code which identifies the Lab Remark.

Properties: Mandatory Basic Text

Length: 6

Case sensitive

TD Name: SHORT_NAME

Values:

Default: <None>

=====

Attribute: DESCRIPTION_TEXT

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: The text of the lab remark.

Examples:

- Holding time expired
- Sample contaminated

Properties: Mandatory Basic Varchar

Length: 60

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: RESULTS

Entity Type: LAB_REMARK

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRLSPP_IS_NUMBER
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: System-generated number used to identify the analytical procedure.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRLSPP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRLSPP_ORG_ID
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRLSPP_ORG_ID

Values:
Default: <None>

=====

Attribute: OWNER_TYPE_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: The code that represents the type of organization that owns the analytical preparation.

Properties: Mandatory Basic Text
Length: 3
Not Case sensitive
TD Name: OWNER_TYPE_CODE

Values:
Default: <None>

Permitted Values

NAT

ORG

=====

Attribute: PREPARATION_ID
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: The abbreviated name of the analytical procedure.

Properties: Mandatory Basic Text
Length: 15
Not Case sensitive
TD Name: PREPARATION_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: The full title of the analytical preparation.

Properties: Mandatory Basic Varchar
Length: 120
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: SOURCE_NAME
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: The name of the Analytical Preparation Owner.

Examples: RCRA, USGS

EMMI(Environmental Monitoring Method Information) uses
this field to identify the Organization from which
information about the method was obtained.

Properties: Mandatory Basic Varchar
Length: 65
Case sensitive
TD Name: SOURCE_NAME

Values: <Not applicable>

=====

Attribute: SOURCE_ACR
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: <None>

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: SOURCE_ACR

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: LAB_SAMPLE_PREP_PROCEDURE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMLTHUN_CD
Subject Area: STATIONS
Entity Type: LITHOLOGIC_UNIT

Description: The official USGS NWIS-II code which identifies the Lithologic Unit.

Properties: Mandatory Basic Text
Length: 12

Not Case sensitive
TD Name: TSMLTHUN_CD

Values:
Default: <None>

=====

Attribute: TSMLTHUN_ORG_ID
Subject Area: STATIONS
Entity Type: LITHOLOGIC_UNIT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMLTHUN_ORG_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: STATIONS
Entity Type: LITHOLOGIC_UNIT

Description: The official USGS NWIS-II name of the Lithologic Unit.

Properties: Mandatory Basic Varchar
Length: 120
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: STATIONS
Entity Type: LITHOLOGIC_UNIT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: STATIONS
Entity Type: LITHOLOGIC_UNIT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMLOG_IS_NUMBER
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The system-generated identifier for a WELL LOG.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMLOG_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMLOG_ORG_ID
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMLOG_ORG_ID

Values:

Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The code that represents the method used to record the Well log.

Properties: Mandatory Basic Text
Length: 27
Case sensitive
TD Name: TYPE_CODE

Values:

Default: <None>

Attribute: REPORT_FORMAT_CODE
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The code that represents the format of the stored Well Log.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: REPORT_FORMAT_CODE

Values:
Default: <None>

Permitted Values

PAPER FILE
PAPER FILE

ELECTRONIC
ELECTRONIC

PUBLISHED
PUBLISHED

=====

Attribute: LOCATION_DESCRIPTION_TEXT
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The text that describes a location at which the Well Log can be reviewed.

Properties: Optional Basic Varchar
Length: 120
Case sensitive
TD Name: LOCATION_DESCR_TXT

Values: <Not applicable>

=====

Attribute: CONDUCTED_DATE
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: The date (in format MM-DD-YYYY) that the Log was conducted.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: CONDUCTED_DATE

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: LOG

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMMD_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMMD_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMMD_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMMD_ORG_ID

Values:
Default: <None>

Attribute: IDENTIFICATION_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: (V30.5.4) The Organization-assigned alphanumeric code that identifies a Field Activity, sometimes called Sample ID.
The combination of the Identification Number and the Sequence Number must be unique.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: CATEGORY
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: <None>

Properties: Mandatory Basic Text
Length: 10
Case sensitive
TD Name: CATEGORY

Values:
Default: <None>

Permitted Values

Horizontal

Vertical

=====

Attribute: SUBCATEGORY
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: <None>

Properties: Mandatory Basic Text
Length: 6
Case sensitive
TD Name: SUBCATEGORY

Values:
Default: <None>

Permitted Values

Method

Datum

=====

Attribute: DESCRIPTION
Subject Area: GEOGRAPHIC_AREAS
Entity Type: METHOD_AND_DATUM

Description: <None>

Properties: Optional Basic Text
Length: 120
Case sensitive
TD Name: DESCRIPTION

Values: <Not applicable>

=====

Attribute: TSMNAL_CD
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: The code that represents the Native American Land.

Properties: Mandatory Basic Text
Length: 5
Not Case sensitive
TD Name: TSMNAL_CD

Values:

Default: <None>

=====

Attribute: TSMNAL_STATE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: The Federal Information Processing Standard (FIPS)
state code of the Native American Land.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: TSMNAL_STATE

Values:
Default: <None>

=====

Attribute: TSMNAL_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMNAL_ORG_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: The FIPS name of the Native American Land.

Properties: Mandatory Basic Varchar
Length: 40
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: GEOGRAPHIC_AREAS
Entity Type: NATIVE_AMERICAN_LAND

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: The name of the Ocean in which the Station is located.

Properties: Mandatory Basic Text
Length: 14
Case sensitive
TD Name: NAME

Values:
Default: <None>

Permitted Values

Atlantic Ocean

Pacific Ocean

Gulf of Mexico

Carribean Sea

Arctic Ocean

=====
Attribute: SHORE_RELATION_TEXT
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: For purposes of this database:

Near Shore: A Near Shore Station is assumed to be located between the mean low tidal mark and the three statute mile limit. This area roughly corresponds to the jurisdictional limits of the associated state for purposes of the enforcement of Clean Water Act water quality standards.

Off Shore: An Off Shore Station is assumed to be located beyond the three statute mile limit of its associated state.

Properties: Mandatory Basic Text
Length: 10

Case sensitive
TD Name: SHORE_RELATION

Values:
Default: <None>

Permitted Values

Near Shore

Off Shore

=====

Attribute: LORAN_C_READING_1
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: Loran is a long range navigational system developed in the United States in the 1940s. Loran consists of synchronized pulsed transmissions from two or more radio stations.

The first reading represents the time difference between the reception of the synchronized pulses from one master station and a slave (alpha). The second reading represents the time difference between the reception of the synchronized pulses from one master station and a slave (beta). Both slave readings must be from a common master.

Properties: Optional Basic Text
Length: 14
Not Case sensitive
TD Name: LORAN_C_READING_1

Values:
Default: <None>

=====

Attribute: LORAN_C_READING_2
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: Loran is a long range navigational system developed in the United States in the 1940s. Loran consists of

synchronized pulsed transmissions from two or more radio stations.

The first reading represents the time difference between the reception of the synchronized pulses from one master station and a slave (alpha). The second reading represents the time difference between the reception of the synchronized pulses from one master station and a slave (beta). Both slave readings must be from a common master.

Properties: Optional Basic Text
Length: 14
Not Case sensitive
TD Name: LORAN_C_READING_2

Values:
Default: <None>

=====

Attribute: BOTTOM_TOPOGRAPHY_TEXT
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: Text which describes the material and form of the bottom which is associated with an ocean monitoring site.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: BOTTOM_TOPOGRAPHY

Values: <Not applicable>

=====

Attribute: ADDITIONAL_LOCATION_NAME
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: Additional and more specific information concerning the region of the Ocean in which the Station is located.

EXAMPLE:
Ocean Name = Pacific Ocean
Additional Location Name = Monterey Bay

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: ADDTNL_LOC_NAME

Values:
Default: <None>

=====

Attribute: DISTANCE_TO_SHORE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: The distance from the Station to a reference point
located on or near the shore.

Properties: Optional Basic Number
Length: 6 Decimal places: 2
Not Case sensitive
TD Name: SHORE_DISTANCE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: DISTANCE_TO_SHORE_UNIT_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: The units in which the distance to shore is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: SHORE_DIST_UNIT_CD

Values:
Default: <None>

Permitted Values

ft
Feet

km
Kilometers

m
Meters

mi
Miles

nmi
Nautical Miles

<Spaces>

=====

Attribute: REFERENCE_POINT_TEXT
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: The name or description of the reference point located
on or near the shore to which the distance from the
Station is measured.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: REFERENCE_PT

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: OCEAN_LOCATION

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: GEOGRAPHIC_AREAS

Entity Type: OCEAN_LOCATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TYPE_CODE

Subject Area: WELL_STATIONS

Entity Type: OPENING

Description: The code that identifies the type of open interval. Openings are permeable portions of the Well casings or lining. Openings may be protected with screens, fractured rock, or other devices/materials.

Properties: Mandatory Basic Text

Length: 20

Not Case sensitive

TD Name: TYPE_CODE

Values:

Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: Additional text that provides further description of the Opening.

Properties: Optional Basic Varchar
Length: 120
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: MATERIAL_TYPE_CODE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: The code that identifies the type of material with which the spring is constructed or screened.

Properties: Optional Basic Text
Length: 20
Not Case sensitive
TD Name: MATERIAL_TYPE_CD

Values:
Default: <None>

=====

Attribute: LENGTH_MEASURE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: The measure of the length of an opening for a Well Interval in feet or meters.

Properties: Optional Basic Number
Length: 5 Decimal places: 3
Not Case sensitive
TD Name: LENGTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: LENGTH_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: OPENING

Description: The units in which the length of an Opening for a Well
Interval is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: LENGTH_UNIT_CODE

Values:

Default: <None>

Permitted Values

ft

FEET

m

METERS

<Spaces>

in

Inches

cm

Centimeters

=====

Attribute: WIDTH_MEASURE

Subject Area: WELL_STATIONS

Entity Type: OPENING

Description: The measure of the width of an Opening for a Well
Interval in centimeters, feet, inches, or meters.

Properties: Optional Basic Number

Length: 5 Decimal places: 3
Not Case sensitive
TD Name: WIDTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: WIDTH_UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: The units in which the width of an Opening for a Well
Interval is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: WIDTH_UNIT_CODE

Values:
Default: <None>

Permitted Values

cm
CENTIMETERS

in
INCHES

ft
FEET

<Spaces>

m
METERS

Attribute: MESH_SIZE_MEASURE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: The measure of the size of the mesh in the screened opening of a Well Interval expressed in centimeters, inches, or number of mesh.

Properties: Optional Basic Number
Length: 5 Decimal places: 3
Not Case sensitive
TD Name: MESH_SIZE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: MESH_SIZE_UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: The units in which the size of the mesh in the opening of a Well Interval is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: MESH_SIZE_UNT_CD

Values:
Default: <None>

Permitted Values

cm
CENTIMETERS

in
INCHES

nu
NUMBER OF MESH (e.g. #4 mesh)

<Spaces>

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: OPENING

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSROPprd_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.2.1) A system generated value that uniquely identifies a Citation.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSROPPRD_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSROPPRD_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSROPPRD_ORG_ID

Values:
Default: <None>

=====

Attribute: LOG_FILE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.5.4) The Organization-assigned alphanumeric code
that identifies a Field Activity, sometimes called
Sample ID.
The combination of the Identification Number and the
Sequence Number must be unique.

Properties: Mandatory Basic Text
Length: 12
Not Case sensitive

TD Name: LOG_FILE_NAME

Values:

Default: <None>

=====

Attribute: INTERVAL_HOURS

Subject Area: FIELD_ACTIVITIES

Entity Type: OPERATING_PERIOD

Description: <None>

Properties: Optional Basic Number

Length: 5 Decimal places: 0

Not Case sensitive

TD Name: INTERVAL_HOURS

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: INTERVAL_MINUTES

Subject Area: FIELD_ACTIVITIES

Entity Type: OPERATING_PERIOD

Description: <None>

Properties: Optional Basic Number

Length: 2 Decimal places: 0

Not Case sensitive

TD Name: INTERVAL_MINUTES

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: INTERVAL_SECONDS
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: <None>

Properties: Optional Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: INTERVAL_SECONDS

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: START_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.5.9) For Samples Collected or for
Measurements/Observations made - the date that the
Field Activity began.

For Samples Created from other samples - the date on
which a sample is created by compositing, splitting, or
subsampling from a parent sample.

Properties: Mandatory Basic Date
Length: 8
Not Case sensitive
TD Name: START_DATE

Values: <Not applicable>

=====

Attribute: START_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.5.10) For Samples Collected or for
Measurements/Observations made - the time that the
Field Activity began.

For Samples Created from other samples - the time at which a sample is created by compositing, splitting, or subsampling from a parent sample.

Properties: Mandatory Basic Time
Length: 6
Not Case sensitive
TD Name: START_TIME

Values: <Not applicable>

=====

Attribute: STOP_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.5.11) Date that the Field Activity ended.

Properties: Mandatory Basic Date
Length: 8
Not Case sensitive
TD Name: STOP_DATE

Values: <Not applicable>

=====

Attribute: STOP_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.5.12) Time that the Field Activity ended.

Properties: Mandatory Basic Time
Length: 6
Not Case sensitive
TD Name: STOP_TIME

Values: <Not applicable>

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.2.7) User-defined text that provides further information about the Citation.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.2.8) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: OPERATING_PERIOD

Description: (V30.2.9) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMORGAN_IS_NUMBER

Subject Area: ORGANIZATIONS

Entity Type: ORGANIZATION

Description: A system generated value.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMORGAN_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TYPE_CODE

Subject Area: ORGANIZATIONS

Entity Type: ORGANIZATION

Description: The code that describes the type of Organization.

Properties: Mandatory Basic Text

Length: 30

Case sensitive

TD Name: TYPE_CODE

Values:

Default: <None>

Permitted Values

Private Industry

A private (non-government) organization representing an industrial operation.

US Government/Federal

A United States Federal (National) Government organization.

Public University/College

An organization representing a public college or university.

US Government/Interstate Comsn

A United States Interstate Government organization or commission.

Canadian Government/Federal

Canadian Federal Government (National) Organization

Mexican Government/Federal

Mexican Federal Government (National) Organization.

International/United Nations

An International organization with a direct tie to the United Nations.

Canadian Government/Provincial

Canadian Provincial Government Organization

US Government/State

United States State Government Organization.

Volunteer

An organization whose members are not compensated for their activities.

US Government/Local

A United States Local (City, county, etc) government organization.

Tribal

An organization representing a Tribe or other Native American governing body.

Mexican Government/State

Mexican State Government Organization.

Private University/College

An organization representing a private college or university.

International/Intl Commissions

Organization with international jurisdiction and/or responsibilities.

US Government/Trust Territory

United States Trust Territory Government Organization.

Multi-Univ/College Consortia

Organization consisting of a consortium or multiplicity
of Colleges and/or Universities.

Private Non-Industrial

A private organization NOT representing an industrial
operation.

=====

Attribute: ORG_ID
Subject Area: ORGANIZATIONS
Entity Type: ORGANIZATION

Description: The user-defined code that uniquely identifies an
Organization.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: ORG_ID

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: ORGANIZATIONS
Entity Type: ORGANIZATION

Description: The formal full-length name of the Organization.

Example:
United States Environmental Protection
Agency

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: UNLOCK_KEY
Subject Area: ORGANIZATIONS
Entity Type: ORGANIZATION

Description: The security code used by an Organization to prohibit unauthorized editing of its data.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: UNLOCK_KEY

Values:
Default: <None>

=====

Attribute: SHORT_NAME
Subject Area: ORGANIZATIONS
Entity Type: ORGANIZATION

Description: The short name or abbreviation for the Organization.

Example: US EPA

Properties: Optional Basic Varchar
Length: 20
Case sensitive
TD Name: SHORT_NAME

Values:
Default: <None>

=====

Attribute: PARENT_ORGANIZATION_NAME
Subject Area: ORGANIZATIONS
Entity Type: ORGANIZATION

Description: The formal full name of a higher level organization which directs, is responsible for, or has authority over the activities and operations of the data-owning organization.

Properties: Optional Basic Varchar
Length: 60
Case sensitive

TD Name: PARENT_ORG

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT

Subject Area: ORGANIZATIONS

Entity Type: ORGANIZATION

Description: The text describing details of the Organization that users may wish to provide.
For example, this text may be used to describe the purpose, mission, or goals of the Organization.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: ORGANIZATIONS

Entity Type: ORGANIZATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: ORGANIZATIONS

Entity Type: ORGANIZATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TYPE_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_ANALYTICAL_PROCEDURE_ASGMT

Description: A code indicating if the Organization has adopted the National Procedure or the Organization owns the Procedure.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

OW

AD

=====

Attribute: SUSPEND_INDICATOR
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_ANALYTICAL_PROCEDURE_ASGMT

Description: The code that indicates if the Person is active in the Organization.

Properties: Mandatory Basic Text

Length: 1
Not Case sensitive
TD Name: SUSPEND_INDICATOR

Values:

Default: <None>

Permitted Values

Y

N

=====

Attribute: D_USERID_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_ANALYTICAL_PROCEDURE_ASGMT

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_ANALYTICAL_PROCEDURE_ASGMT

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the database or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: CHARACTERISTICS

Entity Type: ORG_ANA_PROC_CHAR_ASGNMT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: CHARACTERISTICS

Entity Type: ORG_ANA_PROC_CHAR_ASGNMT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TYPE_CODE

Subject Area: ANALYTICAL_PROCEDURES

Entity Type: ORG_LAB_SMPL_PREP_PRCDRE_ASGMT

Description: A code indicating if the Organization has adopted the National Lab Sample Preparation or the organization

owns the method.

Properties: Mandatory Basic Text
Length: 2
Not Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

OW
Owned

AD
Adopted

=====

Attribute: D_USERID_CODE
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_LAB_SMPL_PREP_PRCBRE_ASGMT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ANALYTICAL_PROCEDURES
Entity Type: ORG_LAB_SMPL_PREP_PRCBRE_ASGMT

Description: A system generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: STATIONS
Entity Type: PERMANENT_GRID

Description: The text that describes the Permanent Grid.

Example:

The four corners of the grid are marked by
concrete disks set in the ground between which routine
sampling is conducted.

Properties: Optional Basic Varchar
Length: 120
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: X_AXIS_LENGTH_MEASURE
Subject Area: STATIONS
Entity Type: PERMANENT_GRID

Description: The measure of the x-axis length in meters, feet,
miles, kilometers

Properties: Mandatory Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: X_AXIS_LENGTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: Y_AXIS_LENGTH_MEASURE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The measure of the y-axis length in meters, feet,
miles, kilometers.

Properties: Mandatory Basic Number

Length: 14 Decimal places: 4

Not Case sensitive

TD Name: Y_AXIS_LENGTH_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: X_AXIS_UNIT_CODE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The code that represents the unit of measure for the
length of the X-axis.

Properties: Mandatory Basic Text

Length: 3

Case sensitive

TD Name: X_AXIS_UNIT_CODE

Values:

Default: <None>

Permitted Values

ft

FEET

m

METERS

mi

MILES

km
Kilometers

dm
NAUTICAL MILES

yd

nmi

=====

Attribute: Y_AXIS_UNIT_CODE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The code that represents the unit of measure for the
length of the Y axis.

Properties: Mandatory Basic Text

Length: 3

Case sensitive

TD Name: Y_AXIS_UNIT_CODE

Values:

Default: <None>

Permitted Values

ft
FEET

m
METERS

mi
MILES

km
Kilometers

dm
NAUTICAL MILES

yd

nmi

=====

Attribute: CELL_AREA_MEASURE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The area of the sampling cell within the Grid in square meters, square kilometers, square decimeters, square miles, and square feet.

Properties: Optional Basic Number

Length: 3 Decimal places: 0

Not Case sensitive

TD Name: CELL_AREA_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: CELL_AREA_UNIT_CODE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The code that describes the unit of measure for the area of the sampling cell in a Permanent Grid.

Properties: Optional Basic Text

Length: 4

Case sensitive

TD Name: CELL_AREA_UNIT_CD

Values:

Default: <None>

Permitted Values

ft2

SQUARE FEET

m2

SQUARE METERS

yd2

SQUARE DECIMETERS

mi2
SQUARE MILES

<Spaces>

km2
SQUARE KILOMETERS

=====

Attribute: LABELING_SCHEME_TEXT

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: The text that describes the labeling scheme for the
Permanent Grid. This is how the user navigates the
Grid when selecting sampling cells.

Properties: Mandatory Basic Varchar
Length: 80
Case sensitive
TD Name: LABEL_SCHEME_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: PERMANENT_GRID

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT

Subject Area: STATIONS

Entity Type: PERMANENT_TRANSECT

Description: The text that describes the permanent physical marking of the transect line or belt. Any description that allows for the location and repetitive sampling of the Transect.

Properties: Optional Basic Varchar

Length: 120

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: INTERVAL_MEASURE

Subject Area: STATIONS

Entity Type: PERMANENT_TRANSECT

Description: The numerical value expressed in meters, kilometers, feet, miles, or nautical miles indicating the distance between points on the Permanent Transect.

Properties: Mandatory Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: INTERVAL_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: INTERVAL_UNIT_CODE
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: The units in which the distance between points in the
Permanent Transect is expressed.

Properties: Mandatory Basic Text
Length: 3
Case sensitive
TD Name: INTERVAL_UNT_CD

Values:
Default: <None>

Permitted Values

mi
MILES

ft
FEET

m
METERS

km
KILOMETERS

nmi
NAUTICAL MILES

=====

Attribute: LENGTH_MEASURE
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: The overall length measure of the Transect expressed in meters, kilometers, feet, miles, nautical miles.

Properties: Mandatory Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LENGTH_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LENGTH_UNIT_CODE
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: The units in which the length of the Permanent Transect is expressed.

Properties: Mandatory Basic Text
Length: 3
Case sensitive
TD Name: LENGTH_UNT_CD

Values:
Default: <None>

Permitted Values

ft
FEET

m
METERS

mi
MILES

km
KILOMETERS

nmi
NAUTICAL MILES

=====

Attribute: LABELING_SCHEME_TEXT
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: The text that describes the labeling scheme of the points on the Permanent Transect.

Properties: Mandatory Basic Varchar
Length: 80
Case sensitive
TD Name: LABEL_SCHEME_TXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: STATIONS
Entity Type: PERMANENT_TRANSECT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was

made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMPRMVL_IS_NUMBER
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPRMVL_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMPRMVL_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMPRMVL_ORG_ID

Values:

Default: <None>

=====

Attribute: TABLE_NAME
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: <None>

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TABLE_NAME

Values:
Default: <None>

=====

Attribute: FIELD_NAME
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: <None>

Properties: Mandatory Basic Text
Length: 20
Not Case sensitive
TD Name: FIELD_NAME

Values:
Default: <None>

=====

Attribute: SEQUENCE_NUMBER
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: <None>

Properties: Mandatory Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: SEQUENCE_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: FIELD_VALUE
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: <None>

Properties: Optional Basic Text
Length: 40
Case sensitive
TD Name: FIELD_VALUE

Values: <Not applicable>

=====

Attribute: FIELD_DESCRIPTION
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: <None>

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: FIELD_DESC

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: REFERENCE_TABLES
Entity Type: PERMITTED_VALUE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMPERSN_IS_NUMBER
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: A system-generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPERSN_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMPERSON_ORG_ID

Subject Area: ORGANIZATIONS

Entity Type: PERSON

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMPERSON_ORG_ID

Values:

Default: <None>

=====

Attribute: FIRST_NAME

Subject Area: ORGANIZATIONS

Entity Type: PERSON

Description: The first name of a Person who has been assigned to an Organization and can be expected to perform a role in the Organization and can be expected to participate in projects.

Properties: Mandatory Basic Varchar

Length: 30

Case sensitive

TD Name: FIRST_NAME

Values:

Default: <None>

=====

Attribute: LAST_NAME

Subject Area: ORGANIZATIONS

Entity Type: PERSON

Description: The last name of a Person.

Properties: Mandatory Basic Varchar
Length: 40
Case sensitive
TD Name: LAST_NAME

Values: <Not applicable>

=====

Attribute: ACTIVE_INDICATOR_CODE
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: The code that indicates if the Person is active in the
Organization.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: ACTIVE_INDICATR_CD

Values:
Default: <None>

Permitted Values

Y

N

=====

Attribute: HONORIFIC_NAME
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: The honorific (e.g., MS., Mr.) used by a Person.

Properties: Optional Basic Text
Length: 8
Case sensitive
TD Name: HONORIFIC_NAME

Values:
Default: <None>

=====

Attribute: AFFILIATION_TEXT
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: The text denotes the employer of the Person if the employer is not the Organization to which the Person is being assigned.

Properties: Optional Basic Varchar
Length: 60
Case sensitive
TD Name: AFFILIATION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: PERSON

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was

made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMPROLE_IS_NUMBER
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE

Description: A system-generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPROLE_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMPROLE_ORG_ID
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMPROLE_ORG_ID

Values:

Default: <None>

=====

Attribute: TITLE

Subject Area: ORGANIZATIONS

Entity Type: PERSON_ROLE

Description: The name of a role in the Organization that can be assumed by a Person.

NOTE: A Person can assume many roles.

Properties: Mandatory Basic Varchar

Length: 32

Case sensitive

TD Name: TITLE

Values:

Default: <None>

=====

Attribute: TYPE_CODE

Subject Area: ORGANIZATIONS

Entity Type: PERSON_ROLE

Description: Indicates the code for a type of Person role.

Properties: Mandatory Designed Text

Length: 4

Not Case sensitive

TD Name: TYPE_CODE

Values:

Default: <None>

Permitted Values

BOTH

PROJ

ORG

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8

Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: PERSON_ROLE_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMPIPE_IS_NUMBER
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The system generated number.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPIPE_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Attribute: TSMPIPE_ORG_ID
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMPIPE_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_NUMBER
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: Pipe number that uniquely identifies a Pipe to the Facility. A Facility may have an unlimited number of Pipes.

Properties: Mandatory Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: ID_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The text that describes the physical features of the Pipe or its intake/outfall qualities.

Example:

Thirty-six inch diameter pipe located fifteen feet below the surface with a peak flow of millions of gallons per day (MGD).

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: SUBSURFACE_DISCHARGE_IND_CODE
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The code that indicates if a pipe is a subsurface discharge.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: SBSRFC_DSCH_IND_CD

Values:
Default: N

Permitted Values

Y
YES

N
NO

=====

Attribute: STATUS_NAME
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The name for the flow status of a Pipe (i.e., active, inactive, or abandoned).

Properties: Mandatory Basic Text
Length: 9
Case sensitive
TD Name: STATUS_NAME

Values:
Default: <None>

Permitted Values

Active

ACTIVE

Inactive

INACTIVE

Abandoned

ABANDONED

Unknown

=====

Attribute: TREATMENT_NAME
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The name describing the treatment status of the
discharge or intake flowing through the Pipe.

Properties: Mandatory Basic Text
Length: 17
Case sensitive
TD Name: TREATMENT_NAME

Values:
Default: <None>

Permitted Values

None

NONE

Partially Treated

PARTIALLY TREATED

Treated
TREATED

Other/Unknown
OTHER/UNKNOWN

=====

Attribute: FLOW_TYPE_NAME
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The name which indicates whether a pipe is discharging to, or drawing from a body of water.

Properties: Mandatory Basic Text
Length: 16
Case sensitive
TD Name: FLOW_TYPE_NAME

Values:
Default: <None>

Permitted Values

Intake/Influent
The Pipe is drawing water from the body of water.

Outfall/Effluent
The Pipe is discharging an effluent to the body of water.

Other/Unknown
Intake or Effluent condition not known for this Pipe.

Combined
Both intake and discharge occur at this one Pipe.

=====

Attribute: USE_NAME
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The purpose or use of the pipe by the facility, e.g. storm water runoff, sanitary sewer.

Properties: Optional Basic Text
Length: 25
Case sensitive
TD Name: USE_NAME

Values:
Default: <None>

Permitted Values

Combined Sewer Overflow

Storm Water

Cooling

Drinking

Unknown

<Spaces>

Industrial Discharge

POTW Discharge

=====

Attribute: DISCHARGE_FREQUENCY_TYPE_CODE
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The frequency of Pipe discharge.

Properties: Optional Basic Text
Length: 12
Case sensitive
TD Name: DSCHRG_FREQ_TYP_CD

Values:
Default: <None>

Permitted Values

Intermittent
INTERMITTENT

Occasional
OCCASIONAL

Steady
STEADY

<Spaces>

Seasonal
SEASONAL

Wet Weather
WET WEATHER

=====

Attribute: RECEIVING_WATER_TEXT
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: The name or other descriptive information about the body of water receiving the discharge or acting as the source of an Intake Pipe.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: RECEIVING_WTR_TXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FACILITY_STATIONS
Entity Type: PIPE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMPROGM_IS_NUMBER
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: A system-generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPROGM_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMPROGM_ORG_ID
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: The user-defined code that uniquely identifies the

Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMPROGM_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_CODE
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: The code that designates the operating scope of a Program (i.e., National or Organizational).

Organizational: Organizations may define Organization-specific Programs to which they can assign any number of their Projects or Surveys (i.e., Florida Water Quality Monitoring Program).

National: The system administrator may define Programs to which many Organizations may assign any number of their individual Projects or Surveys (i.e., Superfund).

Properties: Mandatory Basic Text
Length: 3
Not Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

Permitted Values

NAT

ORG

=====

Attribute: NAME
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: The full-name of the Program.

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: PROGRAM

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMPROJ_IS_NUMBER

Subject Area: PROJECTS

Entity Type: PROJECT

Description: A system generated value.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMPROJ_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMPROJ_ORG_ID

Subject Area: PROJECTS

Entity Type: PROJECT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMPROJ_ORG_ID

Values:

Default: <None>

=====

Attribute: IDENTIFICATION_CODE

Subject Area: PROJECTS

Entity Type: PROJECT

Description: The code (combination of text or numbers) used by the
owning Organization to uniquely identify the Project or
Survey.

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: IDENTIFICATION_CD

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: PROJECTS

Entity Type: PROJECT

Description: The name assigned by the owning Organization to the
Project or Survey.

Properties: Mandatory Basic Varchar

Length: 60

Case sensitive

TD Name: NAME

Values: <Not applicable>

=====

Attribute: START_DATE

Subject Area: PROJECTS

Entity Type: PROJECT

Description: The date (in format MM-DD-YYYY) on which a Project or
Survey is scheduled to begin.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: START_DATE

Values: <Not applicable>

=====

Attribute: PLANNED_DURATION_TEXT

Subject Area: PROJECTS

Entity Type: PROJECT

Description: The expected elapsed time of the project.

Examples: On-Going
Historical
Two Years
One Day

Properties: Mandatory Basic Text

Length: 15

Case sensitive

TD Name: PLANNED_DURATION

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: PROJECTS

Entity Type: PROJECT

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: PROJECTS

Entity Type: PROJECT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_COOP_ORG_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_COOP_ORG_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: PROJECT_OPERATING_PERIOD_ASGMNT

Description: (V30.8.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: PROJECT_OPERATING_PERIOD_ASGMNT

Description: (V30.8.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_PERSON_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_PERSON_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_PERSON_ROLE_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_PERSON_ROLE_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_PROGRAM_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_PROGRAM_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: PROJECTS

Entity Type: PROJECT_STATION_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: PROJECTS

Entity Type: PROJECT_STATION_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMPSR_IS_NUMBER

Subject Area: PROJECTS

Entity Type: PROJECT_STATION_ROLE

Description: A system-generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPSR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMPSR_ORG_ID
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMPSR_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE

Description: Name for a role a Station may play on a Project.

NOTE: Stations may play many roles on a Project.

Properties: Mandatory Basic Varchar
Length: 32
Case sensitive
TD Name: TYPE_NAME

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: PROJECT_STATION_ROLE_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMPUMP_IS_NUMBER
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The system-generated number that uniquely identifies a PUMP.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMPUMP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMPUMP_ORG_ID

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMPUMP_ORG_ID

Values:

Default: <None>

=====

Attribute: TYPE_CODE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The code that represents the type of Pump.

Properties: Mandatory Basic Text

Length: 16

Case sensitive

TD Name: TYPE_CODE

Values:

Default: <None>

=====

Attribute: SERIAL_NUMBER

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The unique number assigned by the manufacturer which

identifies the pump.

Properties: Optional Basic Text
Length: 15
Case sensitive
TD Name: SERIAL_NUMBER

Values:
Default: <None>

=====

Attribute: MANUFACTURER_NAME
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The name of the Pump manufacturer.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: MANUFACTURER_NAME

Values:
Default: <None>

=====

Attribute: MANUFACTURER_MODEL_NAME
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The manufacturer's model name/number for a Pump.

Properties: Optional Basic Varchar
Length: 20
Case sensitive
TD Name: MANUFACTR_MODEL_NM

Values:
Default: <None>

=====

Attribute: RATED_RPM_MEASURE
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The measure that indicates a Pump's designed operating speed in revolutions per minute as stated by the manufacturer.

Properties: Optional Basic Number
Length: 4 Decimal places: 0
Not Case sensitive
TD Name: RATED_RPM_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: RATED_CAPACITY_MEASURE
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The measure that indicates a Pump's designed flow at the manufacturer's rated RPM of the pump. This measure is expressed in cubic feet per minute, cubic feet per second, or gallons per minute.

Properties: Optional Basic Number
Length: 6 Decimal places: 2
Not Case sensitive
TD Name: RATED_CAPACITY_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: RATED_CAPACITY_UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The units in which a Pump's rated capacity is expressed.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: RATED_CPCTY_UNT_CD

Values:
Default: <None>

Permitted Values

GPM
GALLONS PER MINUTE

CFS
CUBIC FEET PER SECOND

CFM
CUBIC FEET PER MINUTE

<Spaces>

=====

Attribute: RATED_POWER_MEASURE
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: The measure indicates a Pump's power output at the
manufacturer's designed RPM. This is measured in
Horsepower or Watts.

Properties: Optional Basic Number
Length: 5 Decimal places: 2
Not Case sensitive
TD Name: RATED_POWER_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: RATED_POWER_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The units in which a Pump's rated power is expressed.

Properties: Optional Basic Text

Length: 6

Case sensitive

TD Name: RATED_POWER_UNT_CD

Values:

Default: <None>

Permitted Values

hp

HORSEPOWER

Watts

WATTS

<Spaces>

kw

Joules

=====

Attribute: INTAKE_DEPTH_MEASURE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The measure that indicates the depth of a Pump's intake opening within the Well or borehole expressed in feet or meters.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: INTAKE_DEPTH_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: INTAKE_DEPTH_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The units in which the depth of a Pump's intake opening is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: INTAK_DEPTH_UNT_CD

Values:

Default: <None>

Permitted Values

m

METERS

ft

FEET

<Spaces>

=====

Attribute: INTAKE_DEPTH_REFERENCE_PT_TEXT

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The text that describes the point on the Well or Well structure from which a measurement is made.

Example: Depth from top of Kelly Bushing

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: INTAK_DEPTH_REF_PT

Values: <Not applicable>

=====

Attribute: LOCATION_MEASURE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The measure of the depth of the Pump in the Well or
borehole, relative to a specific reference point
expressed in feet or meters.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: LOCATION_MEASURE

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: LOCATION_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The code that represents the units in which the depth
of the Pump is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: LOCATION_UNIT_CODE

Values:

Default: <None>

Permitted Values

m

METERS

ft

FEET

<Spaces>

=====

Attribute: LOCATION_REFERENCE_POINT_TEXT

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The text that describes the point on the Well or Well structure from which a measurement is made.

Example: Depth from top of Kelly Bushing

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: LOCATN_REF_PT_TXT

Values: <Not applicable>

=====

Attribute: INSTALLATION_DATE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The date (in format MM-DD-YYYY) the Pump was installed.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: INSTALLATION_DATE

Values: <Not applicable>

=====

Attribute: REMOVAL_DATE

Subject Area: WELL_STATIONS

Entity Type: PUMP

Description: The date (in format MM-DD-YYYY) the Pump was removed.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: REMOVAL_DATE

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: PUMP

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMRFLBL_IS_NUMBER
Subject Area: STATIONS
Entity Type: REFERENCE_LABEL

Description: <None>

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMRFLBL_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LABEL_CODE
Subject Area: STATIONS
Entity Type: REFERENCE_LABEL

Description: The alpha-numeric code which uniquely identifies a
Station within a particular External Reference Scheme.

Properties: Mandatory Basic Varchar
Length: 20
Case sensitive
TD Name: LABEL_CODE

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: STATIONS
Entity Type: REFERENCE_LABEL

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: REFERENCE_LABEL

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRRRESULT_IS_NUMBER

Subject Area: RESULTS

Entity Type: RESULT

Description: System-generated number used to identify the result.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSRRRESULT_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRRRESULT_ORG_ID

Subject Area: RESULTS

Entity Type: RESULT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to

this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRRSULT_ORG_ID

Values:
Default: <None>

=====

Attribute: D_SEQ_NUMBER
Subject Area: RESULTS
Entity Type: RESULT

Description: ID number which a user can change by resequencing the
characteristic line items.

Properties: Mandatory Designed Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: D_ASSND_SEQ_NUM

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

1 to 999

=====

Attribute: COMPLETE_INDICATOR_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: Sunset rule...

Results which are incompletely described can be left in
the system for a short (TBD) time during which the
sample will enjoy a designation from the list of

values.

Properties: Mandatory Designed Text
Length: 1
Not Case sensitive
TD Name: COMP_IND_CD

Values:
Default: <None>

Permitted Values

Y
Yes

N
No

=====

Attribute: LAB_CERTIFICATION_IND_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: A code indicating whether the laboratory was certified
for the analyte and the analytical procedure at the
time that the result determination was made.

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: LAB_CERT_IND_CODE

Values:
Default: <None>

Permitted Values

Y
Yes

N
No

Attribute: VALUE_TEXT

Subject Area: RESULTS

Entity Type: RESULT

Description: The alpha-numeric representation of the result of analyzing a Characteristic with an Analytical Procedure.

Note: All edit windows will have this attribute placed on the window with the intention that all numeric values will also be stored in the Value Measure attribute so that mathematical comparisons may be done on them.

*TEXT signifies that the result will be in the Result Text table.

*Present<QL, *Present>QL, *Not Detected indicate that a detection condition exists.

Properties: Optional Basic Text

Length: 15

Case sensitive

TD Name: VALUE_TEXT

Values:

Default: <None>

=====

Attribute: VALUE_MEASURE

Subject Area: RESULTS

Entity Type: RESULT

Description: The numeric representation of the result of analyzing a Characteristic with an Analytical Procedure.

Note: This value will be determined by converting the text values from Value Text.

>>>> 12/10/95; Bob/Lee ok'd size

Properties: Optional Basic Number

Length: 13 Decimal places: 5

Not Case sensitive

TD Name: VALUE_MEASURE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: VALUE STATUS

Subject Area: RESULTS

Entity Type: RESULT

Description: Result value is either Preliminary or Final. This attribute will be used for query purposes.

Properties: Mandatory Designed Text

Length: 1

Not Case sensitive

TD Name: VALUE_STATUS

Values:

Default: F

Permitted Values

F

Final

P

Preliminary

=====

Attribute: PRECISION_AMOUNT_TEXT

Subject Area: RESULTS

Entity Type: RESULT

Description: Estimate of the maximum possible error in the result.
(e.g., Counting error in determining radiological beta particle counts.)

>>> 12/10/95; Bob/Lee OK'd size

Properties: Optional Basic Text

Length: 12

Not Case sensitive
TD Name: PRECISION_AMT_TEXT

Values:
Default: <None>

=====

Attribute: LABORATORY_BATCH_ID_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: The code that represents the laboratory batch ID for a result or a group of results. The assumption is that all of the results from a single batch have the same detection limit and high/low quantitation limits.

Properties: Optional Basic Text
Length: 12
Not Case sensitive
TD Name: LAB_BATCH_ID_CODE

Values:
Default: <None>

=====

Attribute: DILUTION_INDICATOR_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: A code indicating that the result has been calculated from an analysis performed on a diluted sample.

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: DILUTION_IND_CODE

Values:
Default: N

Permitted Values

Y
Yes

N
No

=====

Attribute: RECOVERY_INDICATOR_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: A code indicating whether the reported result has been
adjusted in accordance with a recovery factor.

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: RECOVERY_IND_CODE

Values:
Default: N

Permitted Values

Y
Yes

N
No

=====

Attribute: CORRECTION_INDICATOR_CODE
Subject Area: RESULTS
Entity Type: RESULT

Description: A code indicating whether the reported result has been
adjusted in accordance with a correction factor.

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: CORRECTION_IND_CD

Values:
Default: N

Permitted Values

Y
Yes

N
No

=====

Attribute: RESULT TEXT INDICATOR CODE

Subject Area: RESULTS

Entity Type: RESULT

Description: A code indicating whether the result has its value reported in a text field.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: RSLT_TXT_IND_CD

Values:

Default: N

Permitted Values

N
No

Y
Yes

=====

Attribute: CELL DESCRIPTOR INDICATOR CODE

Subject Area: RESULTS

Entity Type: RESULT

Description: A code indicating that the result has additional information relating to a phytoplankton cell form.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: CELL_DESC_IND_CD

Values:

Default: N

Permitted Values

Y

Yes

N

No

=====

Attribute: CONFIDENCE_LEVEL_PERCENT_MEASURE

Subject Area: RESULTS

Entity Type: RESULT

Description: When a result has a confidence interval the confidence level associated with the interval is recorded in this field.

Example: +/- .004, 95% confidence interval

Only applicable when there is a Precision Value Text.

Properties: Optional Basic Text

Length: 8

Not Case sensitive

TD Name: CONF_LVL_PCT_MSR

Values:

Default: <None>

Permitted Values

95

Self describing.

99

Self describing.

90

Self describing.

99.9

Self describing.

<Spaces>

Needed to permit clearing of the field.

97.5

Self describing.

85

Self describing.

80

Self describing.

75

Self describing.

=====

Attribute: PROCEDURE EXCEPTION INDICATOR CD

Subject Area: RESULTS

Entity Type: RESULT

Description: A code indicating if an exception was used to the analytical procedure for the result.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: PROC_EXCPTN_IND_CD

Values:

Default: N

Permitted Values

Y

Yes

N

No

=====

Attribute: DURATION_BASIS_TYPE_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: The period of time (in days) over which a measurement was made. For example, BOD can be measured as 5 day or 20 day BOD.

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: DUR_BASIS_TYPE_NM

Values:

Default: <None>

Permitted Values

10 Day

Self describing.

120 Day

Self describing.

30 Day

Self describing.

90 Day

Self describing.

5 Day

Self describing.

6 Month

Self describing.

1 Day

Self describing.

96 Hours

Self describing.

3 Day

Self describing.

4 Day

Self describing.

24 Hours

Self describing.

1 Year
Self describing.

7 Day
Self describing.

9 Day
Self describing.

2 Day
Self describing.

60 Day
Self describing.

12 Day
Self describing.

14 Day
Self describing.

6 Day
Self describing.

8 Day
Self describing.

16 Day
Self describing.

18 Day
Self describing.

11 Day
Self describing.

13 Day
Self describing.

20 Day
Self describing.

22 Day
Self describing.

15 Day
Self describing.

17 Day
Self describing.

24 Day
Self describing.

26 Day
Self describing.

19 Day
Self describing.

21 Day
Self describing.

28 Day
Self describing.

23 Day
Self describing.

25 Day
Self describing.

27 Day
Self describing.

29 Day
Self describing.

<Spaces>
Needed to permit clearing field.

=====

Attribute: DETECTION_CONDITION_CODE

Subject Area: RESULTS

Entity Type: RESULT

Description: The text indicating whether a characteristic was detected, and if it was detected whether or not it was in a range which permitted it to be quantified.

Properties: Optional Basic Text

Length: 30

Case sensitive

TD Name: DETECT_COND_CD

Values:

Default: <None>

Permitted Values

Present below Quantification
Present below quantification

Present above Quantification
Present above quantification

Not Detected
Not detected

<Spaces>

Detected and Quantified
Detected and quantified

Detected not Quantified
Detected Not Quantified

=====
Attribute: SAMPLE_FRACTION_TYPE_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: The text name of the portion of the sample associated
with results obtained from a physically-partitioned
sample.

Examples:

- dissolved
- suspended
- total

Properties: Optional Basic Text

Length: 15

Case sensitive

TD Name: SMPL_FRAC_TYPE_NM

Values:

Default: <None>

=====
Attribute: STATISTIC_TYPE_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: A statistic or calculation type which describes the reported result (e.g., average, mode, median, MPN).

Properties: Optional Basic Text

Length: 18

Case sensitive

TD Name: STATISTIC_TYPE_NM

Values:

Default: <None>

Permitted Values

Mean

The arithmetic average of a set of numbers or measurements.

Maximum

Denotes the numerical result of largest value.

Median

In an ordered set of numbers, the most central value or the middle value.

Mode

In a set of results or measurements, that value which occurs most frequently.

Minimum

Denotes the numerical result with the smallest value.

Standard Deviation

A measure of the dispersion of a set of results or measurements. Mathematically, the square root of the arithmetic average of the squares of the individual deviations from the arithmetic mean, or the square root of the VARIANCE.

MPN

Most Probable Number. A result predicted, rather than measured, by the method employed. Usually applied to counts of colony forming units like bacteria or algae.

<Spaces>

Needed to permit clearing field. Also conveys the meaning of "simple result".

5 pctl

10 pctl

15 pctl

20 pctl

25 pctl

75 pctl

80 pctl

85 pctl

90 pctl

95 pctl

=====

Attribute: VALUE_TYPE_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: A name that represents the process which was used in
the determination of the result value (e.g., actual,
estimated, calculated).

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: VALUE_TYPE_NAME

Values:

Default: <Spaces>

Permitted Values

Estimated

Self describing.

<Spaces>

Self describing.

Calculated

Self describing.

Actual

=====

Attribute: WEIGHT_BASIS_TYPE_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: The name that represents the form of the sample or portion of the sample which is associated with the result value (e.g., wet weight, dry weight, ash-free dry weight).

Properties: Optional Basic Text

Length: 12

Case sensitive

TD Name: WT_BASIS_TYPE_NM

Values:

Default: <None>

Permitted Values

Wet

The wet weight of the material.

Dry

The material dried in a dry oven.

Ash-Free Dry

Applies to samples dried at a high temperature (e.g., in a furnace at 550 C) used in soil sediment and tissue weight determination.

<Spaces>

=====

Attribute: TEMPERATURE_BASIS_LEVEL_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: The name that represents the controlled temperature at which the sample was maintained during analysis.

Properties: Optional Basic Text

Length: 8
Case sensitive
TD Name: TEMP_BASIS_LVL_NM

Values:

Default: <None>

Permitted Values

20 Deg C
Self describing.

10 Deg C
Self describing.

05 Deg C
Self describing.

15 Deg C
Self describing.

25 Deg C
Self describing.

<Spaces>
Needed to permit clearing field. Also denotes
measurements made without regard to a controlled
temperature.

=====

Attribute: SPECIES_NUMBER
Subject Area: RESULTS
Entity Type: RESULT

Description: A number assigned a's a part of a taxonomic
identification. Used with a valid genus name to
indicate a unique species has been observed but not
taxonomically identified (e.g., lepomis sp.1).

Properties: Optional Basic Text
Length: 8
Case sensitive
TD Name: SPECIES_NUMBER

Values:

Default: <None>

Permitted Values

- sp.1
Self describing.
- <Spaces>
Needed to permit clearing field. Also denotes a taxonomic identification which is certain.
- sp.5
Self describing.
- sp.3
Self describing.
- sp.2
Self describing.
- sp.4
Self describing.
- sp.6
Self describing.
- sp.7
Self describing.
- sp.8
Self describing.
- sp.9
Self describing.

=====

Attribute: REFERENCE_POINT_FROM_NAME

Subject Area: RESULTS

Entity Type: RESULT

Description: THE point from which a measurement such as surface elevation or stream width is taken.

Properties: Optional Basic Varchar

Length: 20

Case sensitive

TD Name: REF_PT_FROM_NAME

Values:
Default: <None>

=====

Attribute: REFERENCE_POINT_TO_NAME
Subject Area: RESULTS
Entity Type: RESULT

Description: THE point to which a measurement such as stream width
or surface elevation was taken.

Properties: Optional Basic Varchar
Length: 20
Case sensitive
TD Name: REF_PT_TO_NAME

Values:
Default: <None>

=====

Attribute: LOWER_RANGE_VALUE
Subject Area: RESULTS
Entity Type: RESULT

Description: Represents the lower bound value of the result.

Properties: Optional Basic Number
Length: 13 Decimal places: 5
Not Case sensitive
TD Name: LOWER_RANGE_VALUE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: UPPER_RANGE_VALUE
Subject Area: RESULTS
Entity Type: RESULT

Description: Represents the upper bound value of the result.

Properties: Optional Basic Number
Length: 13 Decimal places: 5
Not Case sensitive
TD Name: UPPER_RANGE_VALUE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TAXON_POLLUTION_TOLERANCE
Subject Area: RESULTS
Entity Type: RESULT

Description: <None>

Properties: Optional Basic Text
Length: 4
Not Case sensitive
TD Name: TAXON_POLLUTION

Values:
Default: <None>

=====

Attribute: FUNCTIONAL_FEEDING_GROUP
Subject Area: RESULTS
Entity Type: RESULT

Description: <None>

Properties: Optional Basic Text
Length: 6
Not Case sensitive
TD Name: FNCTIONAL_FEED_GRP

Values:
Default: <None>

=====

Attribute: TROPIC_LEVEL

Subject Area: RESULTS

Entity Type: RESULT

Description: <None>

Properties: Optional Basic Text

Length: 4

Case sensitive

TD Name: TROPIC_LEVEL

Values:

Default: <None>

=====

Attribute: ANALYSIS_DATE

Subject Area: RESULTS

Entity Type: RESULT

Description: <None>

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: ANALYSIS_DATE

Values: <Not applicable>

=====

Attribute: ANALYSIS_TIME

Subject Area: RESULTS

Entity Type: RESULT

Description: <None>

Properties: Optional Basic Time

Length: 6

Not Case sensitive

TD Name: ANALYSIS_TIME

Values: <Not applicable>

=====

Attribute: ANALYSIS_TIME_ZONE

Subject Area: RESULTS

Entity Type: RESULT

Description: (V30.5.13) Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text

Length: 3

Not Case sensitive

TD Name: ANALYSIS_TIME_ZONE

Values:

Default: <Spaces>

Permitted Values

EST

Eastern Standard Time

CST

Central Standard Time

MST

Mountain Standard Time

PST

Pacific Standard Time

EDT

Eastern Daylight Savings Time

CDT

Central Daylight Savings Time

MDT

Mountain Daylight Savings Time

PDT

Pacific Daylight Savings Time

AST

Atlantic Standard Time

ADT

Atlantic Daylight Savings Time

<Spaces>

GMT

Greenwich Mean Time

AK

Alaskan standard time

HI

Hawaii standard time

GU

Guam standard time

=====

Attribute: REPLICATE_ANALYSIS_NUM

Subject Area: RESULTS

Entity Type: RESULT

Description: <None>

Properties: Optional Basic Number

Length: 2 Decimal places: 0

Not Case sensitive

TD Name: REPL_ANALYSIS_NUM

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: RESULTS

Entity Type: RESULT

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: RESULT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: LOWER_BOUND_AMOUNT
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: Represents the value of the lower bound of the result class interval.

Properties: Optional Basic Number
Length: 7 Decimal places: 2
Not Case sensitive
TD Name: LOWER_BND_AMT

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: UPPER_BOUND_AMOUNT
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: Represents the value of the upper bound of the result class interval.

Properties: Optional Basic Number
Length: 7 Decimal places: 2
Not Case sensitive
TD Name: UPPER_BND_AMT

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: PRIMARY_CLASS_DESCRIPTOR
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: <None>

Properties: Optional Basic Text
Length: 12
Case sensitive
TD Name: PRIM_CLASS_DESC

Values:
Default: <None>

=====

Attribute: SECONDARY_CLASS_DESCRIPTOR
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: <None>

Properties: Optional Basic Text
Length: 12
Case sensitive
TD Name: SEC_CLASS_DESC

Values:
Default: <None>

=====

Attribute: PARTICLE_SIZE_BASIS
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: <None>

Properties: Optional Basic Text
Length: 40
Case sensitive
TD Name: PARTICLE_SIZE_BASIS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: RESULT_CLASS_INTERVAL

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: RESULT_LAB_REMARK_ASGNMT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: RESULT_LAB_REMARK_ASGNMT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRRQCAF_IS_NUMBER
Subject Area: RESULTS
Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: The number that identifies and sequences the various

factors which may apply to a result.

Properties: Mandatory Basic Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRRQCAF_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRRQCAF_ORG_ID
Subject Area: RESULTS
Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: The user-defined code that uniquely identifies the
Organization to which each occurrence of this table
applies. This identifying attribute has been added to
this table for purposes of application security.
Security is driven by user access to a given
Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRRQCAF_ORG_ID

Values:
Default: <None>

=====

Attribute: TYPE_NAME
Subject Area: RESULTS
Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: Represents the type of QC factor applied to and
associated with the result value.

Properties: Mandatory Basic Text
Length: 24
Case sensitive
TD Name: TYPE_NAME

Values:

Default: <None>

Permitted Values

Recovery/Spike

A factor applied because the presumed recovery of the substance being measured was other than 100 percent from a spike sample.

Recovery/Dilution

A factor applied because the presumed recovery of the substance being measured was other than 100 percent in a process involving sample dilution.

Correction/Blank

A correction applied because a prepared blank sample showed positive quantities of the substance being evaluated.

Recovery/Surrogate

A factor applied because the presumed recovery of the substance being measured was other than 100 percent in a measurement involving a surrogate substance.

Correction/Comprehensive

A generalized correction applied to compensate for all differences between the measured result and actual conditions presumed to have existed in the environment.

Correction/Surrogate

A factor applied because the actual measurement was made on a substance other than the target substance, but which has been determined to represent it.

Dilution

A factor applied because the sample was diluted before the analysis, usually to render the measurement within the calibration range of the analytical equipment/method employed.

<Spaces>

Needed to permit clearing field.

Lab Replicate Analysis

=====

Attribute: VALUE_TEXT

Subject Area: RESULTS

Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: The textual form that represents the value (numeric) of the QC adjustment applied to and associated with a particular result.

Properties: Mandatory Basic Text

Length: 12

Not Case sensitive

TD Name: VALUE_TEXT

Values:

Default: <None>

=====

Attribute: DESCRIPTION_TEXT

Subject Area: RESULTS

Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: Additional user specified text that may describe the sequence and actual adjustment process by which the factor was applied.

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: RESULTS

Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: RESULTS
Entity Type: RESULT_QC_ADJUSTMENT_FACTOR

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMRRR_IS_NUMBER
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMRRR_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMRRR_ORG_ID
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMRRR_ORG_ID

Values:
Default: <None>

=====

Attribute: HYDROLOGIC_UNIT_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The Federal Information Processing Standard (FIPS) code for Hydrologic Units, as defined in FIPS Publication 103.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: HYDROLOGIC_UNIT_CD

Values:
Default: <None>

=====

Attribute: SEGMENT_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The code for River Reaches in the United States, as defined in the EPA River Reach File.

Properties: Mandatory Basic Text
Length: 3
Not Case sensitive
TD Name: SEGMENT_CODE

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: GEOGRAPHIC_AREAS

Entity Type: RF1_RIVER_REACH

Description: The name of a river reach in the United States, as defined in the EPA River Reach File.

Properties: Optional Basic Varchar

Length: 30

Case sensitive

TD Name: NAME

Values:

Default: <None>

=====

Attribute: TYPE_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: RF1_RIVER_REACH

Description: The RF1 River Reach type code.

Examples:

A, M, or V - Open Water Reach

B - BT-Directional Reach

C - Coastline

E - Entry to Country

G - Shoreline of Great Lakes

I - Shoreline of Island

L - Shoreline of Lake/Reservoir

N - Isolated Reach

R - Regular Reach

S - Headwaters (Source) Reach

T - Terminal Reach

W - Shoreline of Wide River

% - Both Headwaters and Terminal

Y - International Boundary Reach

Z - Both Terminal and Entry to
Country

Properties: Optional Basic Text

Length: 1
Not Case sensitive
TD Name: TYPE_CODE

Values:
Default: <None>

=====

Attribute: LEVEL_CODE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: A code indicating the level associated with an RF1 River Reach. Level 1 reaches are on the main stem of the stream or river. Level 2 reaches are on tributaries to level 1 and so forth.

Properties: Optional Basic Number
Length: 2 Decimal places: 0
Not Case sensitive
TD Name: LEVEL_CODE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: MILE_LENGTH_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The length of the RF1 River Reach in miles.

Properties: Optional Basic Number
Length: 5 Decimal places: 1
Not Case sensitive
TD Name: MILE_LENGTH

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LATITUDE_MAXIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The maximum latitude for an RF1 River Reach.

Intended to be used internally to assist in searching
for RF1 river reaches which match a given
latitude/longitude point.

NOTE: Not currently used. Search is by HUC instead.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MAX_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LATITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The minimum latitude for an RF1 River Reach.

Intended to be used internally to assist in searching
for RF1 river reaches which match a given
latitude/longitude point.

NOTE: Not currently used. Search is by HUC instead.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LAT_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MAXIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The maximum longitude for an RF1 River Reach.

Intended to be used internally to assist in searching
for RF1 river reaches which match a given
latitude/longitude point.

NOTE: Not currently used. Search is by HUC instead.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LONG_MAX_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: LONGITUDE_MINIMUM_DEGREE_MEASURE
Subject Area: GEOGRAPHIC_AREAS
Entity Type: RF1_RIVER_REACH

Description: The minimum longitude for an RF1 River Reach.

Intended to be used internally to assist in searching
for RF1 river reaches which match a given
latitude/longitude point.

NOTE: Not currently used. Search is by HUC instead.

Properties: Optional Basic Number
Length: 14 Decimal places: 4
Not Case sensitive
TD Name: LONG_MIN_DEGREE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: D_USERID_CODE

Subject Area: GEOGRAPHIC_AREAS

Entity Type: RF1_RIVER_REACH

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: GEOGRAPHIC_AREAS

Entity Type: RF1_RIVER_REACH

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TOTAL_VOLUME_MEASURE

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.1) The total volume of material which comprises the Sample.

Properties: Optional Basic Number
Length: 7 Decimal places: 2
Not Case sensitive
TD Name: TOTAL_VOLUME_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TOTAL_VOLUME_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.20.2) The code that represents the units in which
the total volume is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: TOTAL_VOLUME_UN_CD

Values:
Default: <Spaces>

Permitted Values

l
Liter

gal
Gallon

ml
Milliliters

qt
Quart

oz
Fluid Ounces

pt
Pints

<Spaces>

=====

Attribute: TOTAL_WEIGHT_MEASURE

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.3) The total weight of material which
comprises one sample.

Properties: Optional Basic Number

Length: 7 Decimal places: 2

Not Case sensitive

TD Name: TOTAL_WEIGHT_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TOTAL_WEIGHT_UNIT_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.4) The code that represents the units in which
the total weight is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: TOTAL_WEIGHT_UN_CD

Values:

Default: <Spaces>

Permitted Values

lb

Pounds

oz

Ounces

g

Grams

mg
Milligrams

<Spaces>

=====

Attribute: DATA_FILE_NAME_LOCATION_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.5) Describes the location of the data file for samples where raw data are recorded in a continuous fashion in either digital or analog format, or video images.

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: DATA_FILE_NAME_LOC

Values: <Not applicable>

=====

Attribute: CONTAINER_TYPE_NAME

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.7) The name of the style and material of the container which is used to collect and transport the sample.

Properties: Optional Basic Text

Length: 32

Case sensitive

TD Name: CONTAINER_TYPE_NM

Values:

Default: <None>

=====

Attribute: CONTAINER_COLOR

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: The color of the container used to collect and transport the sample.

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: CONTAINER_COLOR

Values:

Default: <None>

=====

Attribute: CONTAINER_SIZE_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.8) The measure of the size of the container for the Sample.

Properties: Optional Basic Number

Length: 6 Decimal places: 2

Not Case sensitive

TD Name: CONTAINER_SIZE_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: CONTAINER_SIZE_UNIT_CODE

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.9) The code that represents the units in which the container size is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: CONTAINER_SIZE_UN

Values:

Default: <Spaces>

Permitted Values

gal

Gallons

ml

Milliliters

l

Liters

oz

Fluid Ounces

pt

Pints

qt

Quarts

<Spaces>

=====

Attribute: TEMPERATURE_PRESERVATION_TYPE_NM

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.10) The name of the type of physical
preservation.

Properties: Optional Basic Text

Length: 25

Case sensitive

TD Name: TEMP_PRESERVN_TYPE

Values:

Default: <None>

Attribute: PARENT_INDICATOR_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.20.16) The code that indicates if a created or composited sample has parents assigned to it.

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: PARENT_IND_CODE

Values:
Default: <None>

Permitted Values

Y
Yes

N
No

<Spaces>

=====

Attribute: GEAR_DEPLOYMENT_COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.20.17) User-defined text that provides further information about the deployment and/or use of Field Sampling Gear used to collect the Sample.

Exceptions or deviations from the defined terms of the field sampling procedure are captured in this field.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: GEAR_DEPLOYMENT

Values: <Not applicable>

=====

Attribute: TRANSPORT_STORAGE_COMMENT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: (V30.20.18) User-defined text that provides further information about the Transport & Storage of the Sample.

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: TRANSPORT_STORAGE

Values: <Not applicable>

=====

Attribute: PRESRV_STORAGE_PROCEDURE_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: <None>

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: PRESRV_STRGE_PRCDR

Values: <Not applicable>

=====

Attribute: DURATION_TIME

Subject Area: FIELD_ACTIVITIES

Entity Type: SAMPLE

Description: <None>

Properties: Optional Basic Number

Length: 3 Decimal places: 0

Not Case sensitive

TD Name: DURATION_TIME

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DURATION_UNITS
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.22.2) The code that represents the units in which the sampling duration is expressed.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: DURATION_UNITS

Values:

Default: <None>

Permitted Values

hours
Hours

minutes
Minutes

days
Days

months

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.20.20) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLE

Description: (V30.20.21) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRSDP_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.1) A system generated value that uniquely identifies a Field Sampling Default Profile.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRSDP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRSDP_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRSDP_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.17.2) The Organization-assigned alphanumeric that identifies a Field Set. Must be unique within the Station Visit.

Properties: Mandatory Basic Text
Length: 10
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.3) The Organization-defined long name for a Field Sampling Default Profile.

Note: Must be unique within the Organization.

Properties: Mandatory Basic Varchar
Length: 30

Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: CONTAINER_TYPE_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.4) A default for the style and material of the container which is used to collect and transport a sample.

Properties: Optional Basic Text
Length: 32
Case sensitive
TD Name: CONTAINER_TYPE_NM

Values:
Default: <None>

=====

Attribute: CONTAINER_COLOR
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: Describes the color of the container used to collect and transport the sample.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: CONTAINER_COLOR

Values:
Default: <None>

=====

Attribute: CONTAINER_SIZE_MSR
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.5) A default for the measure of the size of the container for a Sample.

Properties: Optional Basic Number
Length: 6 Decimal places: 2
Not Case sensitive
TD Name: CONTAINER_SIZE_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: CONTAINER_SIZE_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.6) The code that represents the default units in which the container size is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: CONTAINER_SIZE_UN

Values:
Default: <Spaces>

Permitted Values

qt
Quarts

pt
Pints

oz
Fluid Ounces

l
Liters

ml
Milliliters

gal
Gallons

<Spaces>

=====
Attribute: TEMPERATURE_PRESERVATION_TYPE_NM
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.7) A default for the name of the type of
physical preservation.

Properties: Optional Basic Text
Length: 25
Case sensitive
TD Name: TEMP_PRESRV_TYPE

Values:
Default: <None>

=====
Attribute: PRESRV_STORAGE_PROCEDURE_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: <None>

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: PRESRV_STRGE_PRCDR

Values: <Not applicable>

=====
Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.13) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: SAMPLING_DEFAULT_PROFILE

Description: (V30.14.14) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMSOI_SERIAL_ID
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The Serial Identification of the CDROM or other packaging medium to be sent to each location.

Properties: Mandatory Designed Number
Length: 7 Decimal places: 0
Not Case sensitive
TD Name: TSMSOI_SERIAL_ID

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMSOI_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: An Organization that is distributed as part of an
activation disk to a particular location.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMSOI_ORG_ID

Values:
Default: <None>

=====

Attribute: ACTIVITY_DATE
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The date in which the location submitted this
Organization for replication to the central database.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: ACTIVITY_DATE

Values: <Not applicable>

=====

Attribute: REPLICATION_FLAG
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: Used to indicate whether or not this Organization needs
to be updated at the central database level.

Properties: Mandatory Designed Text

Length: 1
Not Case sensitive
TD Name: REPLICATION_FLAG

Values:

Default: N

Permitted Values

Y

Yes

N

No

=====

Attribute: LINE_ONE_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The first line of an Address which usually denotes the company or individual name.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_ONE_TEXT

Values: <Not applicable>

=====

Attribute: LINE_TWO_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The second line of an Address usually denotes the mail routing code, p.o. box number, or suite but can also contain company name in addition.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_TWO_TEXT

Values: <Not applicable>

=====

Attribute: LINE_THREE_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The third line of an Address usually denotes the street address including street name and type, house/office number, or sector designation.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_THREE_TEXT

Values: <Not applicable>

=====

Attribute: LINE_FOUR_TEXT
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The name of the city in an Address.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: LINE_FOUR_TEXT

Values: <Not applicable>

=====

Attribute: ZIP_CODE
Subject Area: REFERENCE_TABLES
Entity Type: SERIAL_ORG_IDENTIFICATION

Description: The zip code associated with an Address.

Properties: Optional Basic Text
Length: 10
Not Case sensitive

TD Name: ZIP_CODE

Values:

Default: <None>

=====

Attribute: COMMENTS

Subject Area: REFERENCE_TABLES

Entity Type: SERIAL_ORG_IDENTIFICATION

Description: <None>

Properties: Optional Basic Varchar

Length: 254

Case sensitive

TD Name: COMMENTS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: REFERENCE_TABLES

Entity Type: SERIAL_ORG_IDENTIFICATION

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: REFERENCE_TABLES

Entity Type: SERIAL_ORG_IDENTIFICATION

Description: A system-generated value that represents the calendar
date and time on which this information was posted to

the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: PERMANENCE_CODE
Subject Area: SPRING_STATIONS
Entity Type: SPRING_STATION

Description: The code that describes the flow frequency of a Spring,
e.g. continuous, intermittent.

Properties: Optional Basic Text
Length: 12
Case sensitive
TD Name: PERMANENCE_CODE

Values:
Default: <None>

Permitted Values

Continuous

Flow from the spring occurs at all times, without interruption.

Perennial

Flow from the spring occurs in all seasons, but is not continuous.

Ephemeral

Flow from the spring is difficult to predict, occurring infrequently and at irregular intervals.

Intermittent

Flow from the spring is periodic or sporadic, interrupted in a somewhat predictable manner.

<Spaces>

=====

Attribute: IMPROVEMENT_CODE

Subject Area: SPRING_STATIONS

Entity Type: SPRING_STATION

Description: The code that describes the man-made improvement made to the Spring.

Properties: Mandatory Basic Text

Length: 14

Case sensitive

TD Name: IMPROVEMENT_CODE

Values:

Default: <None>

Permitted Values

Collection Box

COLLECTION BOX

Dam

DAM

Pipe

PIPE

None

NONE

=====

Attribute: OTHER_GEOLOGIC_UNIT_NAME

Subject Area: SPRING_STATIONS

Entity Type: SPRING_STATION

Description: The local name of the Geologic Unit.

Properties: Mandatory Basic Varchar

Length: 120

Case sensitive

TD Name: OTHR_GEO_UNIT_NM

Values: <Not applicable>

=====
Attribute: D_USERID_CODE
Subject Area: SPRING_STATIONS
Entity Type: SPRING_STATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====
Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: SPRING_STATIONS
Entity Type: SPRING_STATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====
Attribute: TSMSIC_CODE
Subject Area: FACILITY_STATIONS
Entity Type: STANDARD_INDUSTRIAL_CLASS

Description: The CODE that represents the STANDARD INDUSTRIAL CLASS.

Properties: Mandatory Basic Text
Length: 4
Not Case sensitive

TD Name: TSMSIC_CODE

Values:

Default: <None>

=====

Attribute: TSMSIC_ORG_ID

Subject Area: FACILITY_STATIONS

Entity Type: STANDARD_INDUSTRIAL_CLASS

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMSIC_ORG_ID

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: FACILITY_STATIONS

Entity Type: STANDARD_INDUSTRIAL_CLASS

Description: The NAME of the STANDARD INDUSTRIAL CLASS.

NOTE: A FACILITY may have more than one SIC.

Properties: Mandatory Basic Varchar

Length: 48

Case sensitive

TD Name: NAME

Values: <Not applicable>

Attribute: D_USERID_CODE
Subject Area: FACILITY_STATIONS
Entity Type: STANDARD_INDUSTRIAL_CLASS

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FACILITY_STATIONS
Entity Type: STANDARD_INDUSTRIAL_CLASS

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMSTATN_IS_NUMBER
Subject Area: STATIONS
Entity Type: STATION

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMSTATN_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMSTATN_ORG_ID

Subject Area: STATIONS

Entity Type: STATION

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMSTATN_ORG_ID

Values:

Default: <None>

=====

Attribute: IDENTIFICATION_CODE

Subject Area: STATIONS

Entity Type: STATION

Description: The alpha-numeric code assigned by the owning Organization which uniquely identifies the Station within the Organization.

Properties: Mandatory Basic Text

Length: 15

Not Case sensitive

TD Name: IDENTIFICATION_CD

Values:

Default: <None>

=====

Attribute: EPA_KEY_IDENTIFIER

Subject Area: STATIONS

Entity Type: STATION

Description: <None>

Properties: Optional Basic Text

Length: 36

Not Case sensitive

TD Name: EPA_KEY_IDENTIFIER

Values: <Not applicable>

=====

Attribute: NAME

Subject Area: STATIONS

Entity Type: STATION

Description: The name by which an Organization refers to a Station.

Example: Jones Point Station

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: NAME

Values: <Not applicable>

=====

Attribute: ESTABLISHMENT_DATE

Subject Area: STATIONS

Entity Type: STATION

Description: The date (in format MM-DD-YYYY) the Station was established.

Properties: Optional Basic Date

Length: 8

Not Case sensitive

TD Name: ESTABLISHMENT_DATE

Values: <Not applicable>

=====

Attribute: ZID_RELATION_CODE

Subject Area: STATIONS

Entity Type: STATION

Description: The code that represents the location of a Station to the Zone of Initial Dilution (ZID). This code applies to the Clean Water Act section 301(h) waived Publicly Owned Treatment Works (POTW) Monitoring Programs.

Properties: Optional Basic Text

Length: 2

Not Case sensitive

TD Name: ZID_RELATION_CODE

Values:

Default: <None>

Permitted Values

WZ

Within ZID.

AB

At boundry of ZID.

NF

NEAR FIELD

FF

FAR FIELD

<Spaces>

RF

REFERENCE

=====

Attribute: INFLUENCE_AREA_DESCRIPTION_TEXT

Subject Area: STATIONS

Entity Type: STATION

Description: This text describes the area of a river or lake represented by a sampling Station. This description applies to the Clean Water Act section 305 (b)

assessments.

Example: This Station represents the water quality
observed five miles upstream and downstream.

Properties: Optional Basic Varchar
Length: 120
Case sensitive
TD Name: INFLUENCE_AREA

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: STATIONS
Entity Type: STATION

Description: The Organization user-defined description of a Station.
May include distance to left shore or right shore to
the Station.

Properties: Optional Basic Varchar
Length: 1999
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: TRAVEL_DIRECTIONS_TEXT
Subject Area: STATIONS
Entity Type: STATION

Description: A description of the route, track or path used to
travel to a Station. Directions typically include
highway names and may use prominent physical landmarks
in more remote areas.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: TRAVEL_DIR_TXT

Values: <Not applicable>

=====

Attribute: WATER_DEPTH_MEASURE

Subject Area: STATIONS

Entity Type: STATION

Description: The measure indicating the total depth of the water that is typical of the Station, irrespective of tidal stage. This measure is expressed in inches, centimeters, feet, meters, miles or kilometers.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: WATER_DEPTH

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: WATER_DEPTH_UNIT_CODE

Subject Area: STATIONS

Entity Type: STATION

Description: The code that represents the units in which a Station's water depth is expressed.

Properties: Optional Basic Text

Length: 2

Case sensitive

TD Name: WATER_DEPTH_UNIT

Values:

Default: <None>

Permitted Values

m

Meters

ft

Feet

<Spaces>

km
Kilometers

mi
Miles

in
Inches

cm
Centimeters

=====

Attribute: ECOREGION_NAME

Subject Area: STATIONS

Entity Type: STATION

Description: The name of the ecoregion in which the Station is located.

Examples:

- 1) Coast range
- 2) Puget lowlands
- 3) Cascades

Properties: Optional Basic Varchar

Length: 60

Case sensitive

TD Name: ECOREGION_NAME

Values: <Not applicable>

=====

Attribute: D_COMPLETE_FLAG

Subject Area: STATIONS

Entity Type: STATION

Description: A flag indicating if a Station has the "complete" information required.

The complete rules are as follows:

A Station is complete only if the proper location information has been supplied. Users must supply each Station with "Point of Record" that is designated by latitude and longitude (e.g. an ABSOLUTE LOCATION POINT) and associated with a County and State. Exceptions include Ocean, Great Lakes, and Estuary where only the State and Point of Record are required.

NOTE: Data can only be entered for Stations which are complete. Only complete Stations can be assigned a Project(s).

Properties: Mandatory Designed Text
Length: 1
Not Case sensitive
TD Name: D_COMPLETE_FLAG

Values:
Default: <None>

Permitted Values

Y
YES

N
NO

=====

Attribute: D_DELETE_FLAG
Subject Area: STATIONS
Entity Type: STATION

Description: A flag which indicates whether or not a Station has been marked to deletion.

Properties: Mandatory Designed Text
Length: 1
Not Case sensitive
TD Name: D_DELETE_FLAG

Values:
Default: <None>

Permitted Values

Y

N

=====

Attribute: D_LAST_STATION_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: STATION

Description: The timestamp that indicates when information relating to the STATION was updated.

Properties: Optional Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_STN_UPDT_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: STATIONS

Entity Type: STATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: STATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to

the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSRSTVST_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.1) A system generated value that uniquely identifies a Station Visit.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRSTVST_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRSTVST_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRSTVST_ORG_ID

Values:

Default: <None>

=====

Attribute: IDENTIFICATION_NUMBER

Subject Area: FIELD_ACTIVITIES

Entity Type: STATION_VISIT

Description: (V30.21.2) The Organization-assigned alphanumeric code that identifies a Station Visit. This number must be unique for the Trip and Station.

This number should be displayed and prompted as "Visit Number".

Properties: Mandatory Basic Text

Length: 3

Not Case sensitive

TD Name: ID_NUMBER

Values:

Default: <None>

=====

Attribute: ARRIVAL_DATE

Subject Area: FIELD_ACTIVITIES

Entity Type: STATION_VISIT

Description: (V30.21.3) Date that the Station Visit commenced.

Note: Defaults to Trip Start Date.

Properties: Mandatory Basic Date

Length: 8

Not Case sensitive

TD Name: ARRIVAL_DATE

Values: <Not applicable>

=====

Attribute: ARRIVAL_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.4) Time at which the Station Visit commenced.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: ARRIVAL_TIME

Values: <Not applicable>

=====

Attribute: ARRIVAL_TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: ARRIVAL_TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

EST
Eastern Standard Time

CST
Central Standard Time

MST
Mountain Standard Time

PST
Pacific Standard Time

EDT
Eastern Daylight Savings Time

CDT
Central Daylight Savings Time

MDT
Mountain Daylight Savings Time

PDT
Pacific Daylight Savings Time

AST
Atlantic Standard Time

ADT
Atlantic Daylight Savings Time

<Spaces>

GMT
Greenwich Mean Time

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: DEPARTURE_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.5) Date that the Station Visit is concluded.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: DEPARTURE_DATE

Values: <Not applicable>

=====

Attribute: DEPARTURE_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.6) Time that the Station Visit is concluded.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: DEPARTURE_TIME

Values: <Not applicable>

=====

Attribute: DEPARTURE_TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: DEPARTURE_TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

<Spaces>

ADT
Atlantic Daylight Savings Time

AST
Atlantic Standard Time

PDT
Pacific Daylight Savings Time

MDT
Mountain Daylight Savings Time

CDT
Central Daylight Savings Time

EDT
Eastern Daylight Savings Time

PST
Pacific Standard Time

MST
Mountain Standard Time

CST
Central Standard Time

EST
Eastern Standard Time

GMT
Greenwich Mean Time

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.7) Free text attribute where field notes may be recorded including notes about the condition of the Station itself.

Note: Prompt on window should read: Station Conditions & Other Comments.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.8) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: STATION_VISIT

Description: (V30.21.9) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMSOI_SERIAL_ID
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: The Serial Identification of the CDROM or other packaging medium to be sent to each location.

Properties: Mandatory Designed Number
Length: 7 Decimal places: 0
Not Case sensitive
TD Name: TSMSOI_SERIAL_ID

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMSOI_ORG_ID
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: An Organization that is distributed as part of an
activation disk to a particular location.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMSOI_ORG_ID

Values:
Default: <None>

=====

Attribute: TABLE_NAME
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: <None>

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TABLE_NAME

Values:
Default: <None>

=====

Attribute: REPL_SUCCEEDED_FLG
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: <None>

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: REPL_SUCCEEDED_FLG

Values:
Default: <None>

Permitted Values

Y

Indicates that the table listed in table_name field has been successfully loaded from the remote data to the central data.

N

=====

Attribute: D_USERID_CODE
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: REFERENCE_TABLES
Entity Type: STORET_CDB_TABLE_SYNCHRONIZATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMUSER_USERID
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: The ID used at login to identify this user.

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMUSER_USERID

Values:
Default: <None>

=====

Attribute: FIRST_NAME
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: First Name of the registered user.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: FIRST_NAME

Values:
Default: <None>

=====

Attribute: LAST_NAME
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: Last Name of the registered user.

Properties: Mandatory Basic Varchar
Length: 40
Case sensitive
TD Name: LAST_NAME

Values: <Not applicable>

=====

Attribute: ROLE
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: Role of the user (either Regular or System Administrator) used to navigate through the system. Only System Administrators can access the System Administration functions. Regular users can access the rest of the application.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: ROLE

Values:
Default: <None>

Permitted Values

C
Central Supervisor/user - system administrator at central level.

R
Regular user (not System Administrator).

S
System Administrator at local level

=====

Attribute: COMMENT_TEXT
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: Description of the Program.

Example:

Florida Water Quality Monitoring Program is a Program that focuses on the surface water quality for the entire state of Florida. This is a long-term, on-going, quarterly sampling Program begun in 1923 and is still in effect today.

Properties: Optional Basic Vchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: ORGANIZATIONS
Entity Type: STORET_USER

Description: A system-generated value that represents the calendar

date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: NAME
Subject Area: REPLICATION
Entity Type: TABLE_INFO

Description: <None>

Properties: Mandatory Basic Text
Length: 20
Not Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: TYPE_FLAG
Subject Area: REPLICATION
Entity Type: TABLE_INFO

Description: <None>

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: TYPE_FLAG

Values:
Default: <None>

=====

Attribute: COMMIT_INTERVAL

Subject Area: REPLICATION

Entity Type: TABLE_INFO

Description: <None>

Properties: Optional Basic Number

Length: 6 Decimal places: 0

Not Case sensitive

TD Name: COMMIT_INTERVAL

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: HEIRARCHY_NUMBER

Subject Area: REPLICATION

Entity Type: TABLE_INFO

Description: <None>

Properties: Optional Basic Number

Length: 2 Decimal places: 0

Not Case sensitive

TD Name: HEIRARCHY_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: ALTERNATE_IS_NUMBE

Subject Area: REPLICATION

Entity Type: TABLE_INFO

Description: <None>

Properties: Optional Basic Text

Length: 25

Not Case sensitive

TD Name: ALTERNATE_IS_NUMBE

Values:
Default: <None>

=====

Attribute: ALTERNATE_ORG_ID
Subject Area: REPLICATION
Entity Type: TABLE_INFO

Description: <None>

Properties: Optional Basic Text
Length: 25
Not Case sensitive
TD Name: ALTERNATE_ORG_ID

Values:
Default: <None>

=====

Attribute: STANDARD_TABLE
Subject Area: REPLICATION
Entity Type: TABLE_INFO

Description: <None>

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: STANDARD_TABLE

Values:
Default: <None>

=====

Attribute: SAMPLING_DURATION_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.1) The length of time the Trap or Net is considered to be operational (i.e., collecting)

Note: also known as Soak Time.

Properties: Mandatory Basic Number
Length: 4 Decimal places: 2
Not Case sensitive
TD Name: SMPLNG_DURATN_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: SAMPLING_DURATION_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.2) The code that represents the units in which
the sampling duration is expressed.

Properties: Mandatory Basic Text
Length: 10
Case sensitive
TD Name: SMPLNG_DRTN_UNT_CD

Values:
Default: <None>

Permitted Values

hours
Hours

minutes
Minutes

days
Days

=====

Attribute: ORIENTATION_TO_CURRENT_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.3) The name of the orientation of the

equipment with respect to the water current.

Properties: Optional Basic Text

Length: 15

Case sensitive

TD Name: ORIENTN_TO_CURRENT

Values:

Default: <Spaces>

Permitted Values

Down Current

Down Current

Into Current

Into Current

Cross Current

Cross Current

<Spaces>

=====

Attribute: RELATIVE_CURRENT_DIR_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.4) The direction of water current movement relative to the heading of the trap/net. It is measured in degrees clockwise from the trap/net heading, with zero indicating a heading directly into the current.

Recorded in degrees from 0-359; 0 is into the current, 90 is perpendicular to the current with the current running right to left, 180 is with the current and 270 is perpendicular to the current with the current running left to right.

Properties: Optional Basic Number

Length: 3 Decimal places: 0

Not Case sensitive

TD Name: REL_CURRENT_DIR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

0 to 359

=====

Attribute: RELATIVE_WIND_DIRECTION_MSR

Subject Area: FIELD_ACTIVITIES

Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.5) The direction of wind movement relative to the heading of the trap/net. It is measured in degrees clockwise from the heading of the trap/net, with zero indicating a trap/net heading directly into the wind.

Recorded in degrees from 0-359; 0 is into the wind, 90 is perpendicular to the wind with the wind blowing right to left, 180 is with the wind and 270 is perpendicular to the wind with the wind blowing left to right.

Properties: Optional Basic Number

Length: 3 Decimal places: 0

Not Case sensitive

TD Name: REL_WIND_DIR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

Permitted Values

0 to 359

=====

Attribute: COMMENT_TEXT

Subject Area: FIELD_ACTIVITIES

Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.6) User-defined text that provides further

information about the Trap or Net Operation.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.7) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAP_NET_OPERATION_DETAIL

Description: (V30.22.8) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: FISHED_DURATION_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.5) The length of time the trawl is considered to be operational (i.e., the trawl is collecting)

Note: also known as Soak Time.

Properties: Mandatory Basic Number
Length: 4 Decimal places: 2
Not Case sensitive
TD Name: FISHED_DURATN_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: FISHED_DURATION_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.6) The code that represents the units in which the fished duration is expressed.

Properties: Mandatory Basic Text
Length: 10
Case sensitive
TD Name: FISHD_DURTN_UNT_CD

Values:
Default: <None>

Permitted Values

minutes
Minutes

hours
Hours

=====

Attribute: BOAT_SPEED_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.1) The relative speed, through the water, of the boat during Sample collection.

Properties: Optional Basic Number
Length: 3 Decimal places: 1
Not Case sensitive
TD Name: BOAT_SPEED_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: BOAT_SPEED_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.2) The code that represents the units in which the boat speed is expressed.

Properties: Optional Basic Text
Length: 10
Case sensitive
TD Name: BOAT_SPEED_UN_CD

Values:
Default: <Spaces>

Permitted Values

knots
Knots

mph
Miles per Hour

<Spaces>

=====

Attribute: FISHED_DISTANCE_MEASURE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.3) The distance over which the trawl was operated for Sample collection.

Properties: Optional Basic Number
Length: 5 Decimal places: 2
Not Case sensitive
TD Name: FISHED_DISTANCE

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: FISHED_DISTANCE_UNIT_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.4) The code that represents the units in which the fished distance is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: FISHED_DISTANCE_UN

Values:
Default: <Spaces>

Permitted Values

ft
Feet

m
Meters

mi
Miles

km
Kilometers

nmi
Nautical Miles

<Spaces>

=====

Attribute: RELATIVE_CURRENT_DIR_MSR
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.7) The direction of water current movement relative to the bow heading of the trawling boat. It is measured in degrees clockwise from the bow heading, with zero indicating a bow heading directly into the current.

Recorded in degrees from 0-359; 0 is into the current, 90 is perpendicular to the current with the current running right to left, 180 is with the current and 270 is perpendicular to the current with the current running left to right.

Properties: Optional Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: REL_CURRENT_DIR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

0 to 359

=====

Attribute: RELATIVE_WIND_DIRECTION_MSR
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.8) The direction of wind movement relative to the bow heading of the trawling boat. It is measured

in degrees clockwise from the bow heading, with zero indicating a bow heading directly into the wind.

Recorded in degrees from 0-359; 0 is into the wind, 90 is perpendicular to the wind with the wind blowing right to left, 180 is with the wind and 270 is perpendicular to the wind with the wind blowing left to right.

Properties: Optional Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: REL_WIND_DIR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Permitted Values

0 to 359

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.9) User-defined text that provides further information about the Trawl Operation.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.10) A code that identifies the specific person

making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: TRAWL_OPERATION_DETAIL

Description: (V30.23.11) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRTRIP_IS_NUMBER
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.1) A system generated value that uniquely identifies a Trip.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRTRIP_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSRTrip_ORG_ID
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSRTrip_ORG_ID

Values:
Default: <None>

=====

Attribute: IDENTIFICATION_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.2) The Organization-assigned alphanumeric code that identifies a Trip. This number must be unique within the Organization.

Properties: Mandatory Basic Text
Length: 15
Not Case sensitive
TD Name: ID_CODE

Values:
Default: <None>

=====

Attribute: NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.3) The long name assigned by the Organization to the Trip.

Properties: Optional Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: START_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.4) The date on which the Trip begins.

Note: This value will be used as the default for
Station Visit Arrival Date.

Properties: Mandatory Basic Date
Length: 8
Not Case sensitive
TD Name: START_DATE

Values: <Not applicable>

=====

Attribute: START_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.5) The time on which the Trip begins.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: START_TIME

Values: <Not applicable>

=====

Attribute: START_TIME_ZONE

Subject Area: FIELD_ACTIVITIES

Entity Type: TRIP

Description: Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text

Length: 3

Not Case sensitive

TD Name: START_TIME_ZONE

Values:

Default: <Spaces>

Permitted Values

<Spaces>

ADT

Atlantic Daylight Savings Time

AST

Atlantic Standard Time

PDT

Pacific Daylight Savings Time

MDT

Mountain Daylight Savings Time

CDT

Central Daylight Savings Time

EDT

Eastern Daylight Savings Time

PST

Pacific Standard Time

MST

Mountain Standard Time

CST

Central Standard Time

EST

Eastern Standard Time

GMT
Greenwich Mean Time

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: END_DATE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.6) The date on which the Trip ends.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: END_DATE

Values: <Not applicable>

=====

Attribute: END_TIME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.7) The time on which the Trip ends.

Properties: Optional Basic Time
Length: 6
Not Case sensitive
TD Name: END_TIME

Values: <Not applicable>

=====

Attribute: END_TIME_ZONE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: Any of the longitudinal divisions of the earth's surface in which a standard time is kept. Each zone observes a clock time one hour earlier than the zone immediately to the east.

Properties: Optional Basic Text
Length: 3
Not Case sensitive
TD Name: END_TIME_ZONE

Values:
Default: <Spaces>

Permitted Values

EST
Eastern Standard Time

CST
Central Standard Time

MST
Mountain Standard Time

PST
Pacific Standard Time

EDT
Eastern Daylight Savings Time

CDT
Central Daylight Savings Time

MDT
Mountain Daylight Savings Time

PDT
Pacific Daylight Savings Time

AST
Atlantic Standard Time

ADT
Atlantic Daylight Savings Time

<Spaces>

GMT
Greenwich Mean Time

AK
Alaskan standard time

HI
Hawaii standard time

GU
Guam standard time

=====

Attribute: LEADER_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.8) The name of the individual who has primary responsibility in the field for the conduct of the Trip. For example, Crew Chief or Vessel Captain.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: LEADER_NAME

Values:
Default: <None>

=====

Attribute: VEHICLE_SHIP_NAME
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.9) The name of the vehicle, vessel, or ship used to convey people and equipment to the sites (Stations) being monitored.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: VEHICLE_SHIP_NAME

Values:
Default: <None>

=====

Attribute: TRIP_PLAN_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.10) A brief summary of the Trip Plan. May indicate where the complete Trip Plan is located.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: TRIP_PLAN_TEXT

Values: <Not applicable>

=====

Attribute: COMMENT_TEXT
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.11) User-defined text that provides further information about the Trip.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: COMMENT_TEXT

Values: <Not applicable>

=====

Attribute: SINGLE_PROJECT_INDICATOR
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: Sunset rule...

Results which are incompletely described can be left in the system for a short (TBD) time during which the sample will enjoy a designation from the list of

values.

Properties: Mandatory Designed Text
Length: 1
Not Case sensitive
TD Name: SINGLE_PROJ_IND

Values:
Default: <None>

Permitted Values

Y
Yes

N
No

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.12) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP

Description: (V30.24.13) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP_PROJECT_ASSIGNMENT

Description: (V30.25.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP_PROJECT_ASSIGNMENT

Description: (V30.25.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP_STATION_ASSIGNMENT

Description: (V30.26.1) A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: FIELD_ACTIVITIES
Entity Type: TRIP_STATION_ASSIGNMENT

Description: (V30.26.2) A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSRUOM_IS_NUMBER
Subject Area: RESULTS
Entity Type: UNIT_OF_MEASURE

Description: System-generated number used to identify the characteristic.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSRUOM_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSRUOM_ORG_ID

Subject Area: RESULTS

Entity Type: UNIT_OF_MEASURE

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSRUOM_ORG_ID

Values:

Default: <None>

=====

Attribute: UOM_TYPE

Subject Area: RESULTS

Entity Type: UNIT_OF_MEASURE

Description: The category that represents the broad class of a related set of units.

Examples:

Volume, Concentration, Mass, Area, Velocity, Flow,
Length/width/height, Temperature, Energy, Work/power

Properties: Mandatory Basic Text

Length: 5

Not Case sensitive

TD Name: UOM_TYPE

Values:

Default: <None>

Permitted Values

SUBST

Substance. Units of mass, weight, and concentration.

PROD

Productivity. Mass per unit of substance.

LEN

Length.

TAX

Taxonomic units. Counts, MPN, percents.

TIME

Time. Hours, minutes, fortnights, etc.

MISC

Miscellaneous. Items not covered elsewhere. Among other things, pressure, electrical, light etc.

FLOW

Flow units. Volume rates.

VEL

Velocities.

VOL

Volume measures.

AREA

Area Measures. Sq. meters, hectares, etc.

TEMP

Temperature measures.

NONE

Characteristic does not have units (eg text, PV)

=====

Attribute: SHORT_FORM_NAME

Subject Area: RESULTS

Entity Type: UNIT_OF_MEASURE

Description: The abbreviation for the name of the unit of measure.

Properties: Mandatory Basic Text

Length: 10

Case sensitive
TD Name: SHORT_FORM_NAME

Values:
Default: <None>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: RESULTS
Entity Type: UNIT_OF_MEASURE

Description: The full name of the unit of measure.

Examples:
feet, pounds, parts per billion, feet per second,
volts, percent

Properties: Mandatory Basic Varchar
Length: 50
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: RESULTS
Entity Type: UNIT_OF_MEASURE

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: RESULTS

Entity Type: UNIT_OF_MEASURE

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: D_USERID_CODE

Subject Area: ORGANIZATIONS

Entity Type: USER_ORGANIZATION_ASSIGNMENT

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: ORGANIZATIONS

Entity Type: USER_ORGANIZATION_ASSIGNMENT

Description: A system-generated value that represents the calendar date and time on which this information was posted to the database or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMVSTC_IS_NUMBER
Subject Area: STATIONS
Entity Type: VALID_STATION_TYPE_COMBINATION

Description: A system generated value.

Properties: Mandatory Designed Number
Length: 8 Decimal places: 0
Not Case sensitive
TD Name: TSMVSTC_IS_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: TSMVSTC_ORG_ID
Subject Area: STATIONS
Entity Type: VALID_STATION_TYPE_COMBINATION

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text
Length: 8
Not Case sensitive
TD Name: TSMVSTC_ORG_ID

Values:
Default: <None>

Attribute: PRIMARY_TYPE_CODE
Subject Area: STATIONS
Entity Type: VALID_STATION_TYPE_COMBINATION

Description: The code that represents the primary type designation of a Station.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: PRIMARY_TYPE_CD

Values:
Default: <None>

=====

Attribute: SECONDARY_TYPE_CODE
Subject Area: STATIONS
Entity Type: VALID_STATION_TYPE_COMBINATION

Description: The code that represents the secondary type designation of a Station. This is really not mandatory - need to add SPACES as an entry.

Properties: Optional Basic Varchar
Length: 30
Case sensitive
TD Name: SECONDARY_TYPE_CD

Values:
Default: <None>

=====

Attribute: NATURAL_INDICATOR_CODE
Subject Area: STATIONS
Entity Type: VALID_STATION_TYPE_COMBINATION

Description: Indicates (Yes or No) whether the station is located in a natural or a man-made area. For example, a Lake is natural, a reservoir is man-made.

Properties: Mandatory Basic Text
Length: 1
Not Case sensitive
TD Name: NATURAL_IND_CD

Values:

Default: <None>

Permitted Values

N

NO - IS MAN-MADE, NOT NATURAL

Y

YES - IS NATURAL

=====

Attribute: D_USERID_CODE

Subject Area: STATIONS

Entity Type: VALID_STATION_TYPE_COMBINATION

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text

Length: 8

Not Case sensitive

TD Name: D_USERID_CODE

Values:

Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP

Subject Area: STATIONS

Entity Type: VALID_STATION_TYPE_COMBINATION

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp

Length: 20

Not Case sensitive

TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

Attribute: TSMVSC_IS_NUMBER

Subject Area: PROJECTS

Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: A system-generated value.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMVSC_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMVSC_ORG_ID

Subject Area: PROJECTS

Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMVSC_ORG_ID

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: PROJECTS

Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: The name of the Voucher Specimen Collection. For example, the Canadian National Collection.

Properties: Mandatory Basic Varchar
Length: 60
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: DESCRIPTION_TEXT
Subject Area: PROJECTS
Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: Description of the Voucher Specimen Collection.

For example:

Lepidoptera of South Central Canada

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: DESCRIPTION_TEXT

Values: <Not applicable>

=====

Attribute: CONTACT_PERSON_NAME
Subject Area: PROJECTS
Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: The name of the contact person for the Voucher Specimen Collection.

Properties: Optional Basic Varchar
Length: 60
Case sensitive
TD Name: CONTACT_PRSN_NAME

Values: <Not applicable>

=====

Attribute: LOCATION_DESCRIPTION_TEXT
Subject Area: PROJECTS
Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: The shipping/mailling address of the location of the
Voucher Specimen Collection.

Properties: Optional Basic Varchar
Length: 254
Case sensitive
TD Name: LOCATION_DESC_TEXT

Values: <Not applicable>

=====

Attribute: D_USERID_CODE
Subject Area: PROJECTS
Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: PROJECTS
Entity Type: VOUCHER_SPECIMEN_COLLECTION

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the data base or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMWLE_TYPE_NAME
Subject Area: WELL_STATIONS
Entity Type: WELL_LEGAL_ENTITY

Description: This is the nature of the interest held in the well by
the person or organization described in the address.
Values include Owner, Operator, Driller.

Properties: Mandatory Basic Text
Length: 8
Case sensitive
TD Name: TSMWLE_TYPE_NAME

Values:
Default: <None>

Permitted Values

Driller
The individual or organization which drilled (created)
the well.

Owner
The individual or organization which owns the well.

Operator
The individual or organization which operates and
maintains the well.

=====

Attribute: NAME
Subject Area: WELL_STATIONS
Entity Type: WELL_LEGAL_ENTITY

Description: The name of the person or organization with specific interest in the well.

Properties: Mandatory Basic Varchar
Length: 30
Case sensitive
TD Name: NAME

Values:
Default: <None>

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_LEGAL_ENTITY

Description: A code that identifies the specific person making changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: WELL_LEGAL_ENTITY

Description: A system-generated value that represents the calendar date and time on which this information was posted to the data base or when a subsequent modification was made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDATE_TS

Values: <Not applicable>

=====

Attribute: TSMWELL_IS_NUMBER

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The system-generated number that uniquely identifies a WELL.

Properties: Mandatory Designed Number

Length: 8 Decimal places: 0

Not Case sensitive

TD Name: TSMWELL_IS_NUMBER

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: TSMWELL_ORG_ID

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The user-defined code that uniquely identifies the Organization to which each occurrence of this table applies. This identifying attribute has been added to this table for purposes of application security. Security is driven by user access to a given Organization(s).

Properties: Mandatory Basic Text

Length: 8

Not Case sensitive

TD Name: TSMWELL_ORG_ID

Values:

Default: <None>

=====

Attribute: NAME

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The name of the Well.

Properties: Mandatory Basic Text
Length: 40
Case sensitive
TD Name: NAME

Values: <Not applicable>

=====

Attribute: IDENTIFICATION_NUMBER
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The user-assigned number that uniquely identifies each
Well associated with a Well type Station.

Properties: Mandatory Basic Number
Length: 3 Decimal places: 0
Not Case sensitive
TD Name: ID_NUMBER

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: USE_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The code that describes the use of the Well - not to be
confused with the use of the Water from the Well.

Properties: Mandatory Basic Text
Length: 30
Case sensitive
TD Name: USE_CODE

Values:
Default: <None>

=====

Attribute: WELL HEAD PROTECTION AREA NAME
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The name of the well head protection area.

Properties: Optional Basic Varchar
Length: 40
Case sensitive
TD Name: PRTCTN_AREA_NAME

Values: <Not applicable>

=====

Attribute: DEVELOPMENT_METHOD_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The code that identifies the method by which the Well was brought into production, i.e. developed, after it was constructed.

Properties: Optional Basic Text
Length: 20
Not Case sensitive
TD Name: DEVELOPMNT_MTHD_CD

Values:
Default: <None>

=====

Attribute: CONSTRUCTION_METHOD_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The code that identifies the method used to create the borehole in which the Well will be constructed.

Properties: Optional Basic Text
Length: 20
Not Case sensitive
TD Name: CONSTRUCTN_MTHD_CD

Values:

Default: <None>

=====

Attribute: WATER_PRIMARY_USE_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that represents the main use of water from a Well.

Properties: Optional Basic Text

Length: 19

Case sensitive

TD Name: WTR_PRIMRY_USE_CD

Values:

Default: <None>

=====

Attribute: GRADIENT_TYPE_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that describes the relation of the Well to the topography surrounding a source of contamination. This code is applied to Wells whose Well Use is the monitoring of a known source of potential ground water contamination. For example, RCRA regulations require that Wells be placed upgradient and downgradient from known contamination sources.

Properties: Optional Basic Text

Length: 13

Case sensitive

TD Name: GRADIENT_TYPE_CODE

Values:

Default: <None>

Permitted Values

Upgradient

UPGRADIENT

Downgradient
DOWNGRADIENT

Crossgradient
CROSSGRADIENT

Unknown
UNKNOWN

<Spaces>

=====

Attribute: DEPTH_AT_COMPLETION_MEASURE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The measure indicating the total depth of the Well upon completion of construction expressed in feet or meters.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: DEPTH_CMPLTN_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DEPTH_AT_COMPLETION_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The units in which a Well's depth-at-completion is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: DPTH_CMPLTN_UNT_CD

Values:

Default: <None>

Permitted Values

m
METERS

ft
FEET

<Spaces>

=====

Attribute: DEPTH_OF_HOLE_MEASURE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The measure of the depth of the borehole in feet or
meters prior to Well construction.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: DEPTH_OF_HOLE_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: DEPTH_OF_HOLE_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The units in which a Well's depth-of-hole is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: DEPTH_HOLE_UNT_CD

Values:

Default: <None>

Permitted Values

ft

FEET

m

METERS

<Spaces>

=====

Attribute: WELL HEAD HEIGHT MEASURE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The measure indicating the height of the well head
expressed in feet or meters.

Properties: Optional Basic Number

Length: 8 Decimal places: 3

Not Case sensitive

TD Name: WELL_HEAD_HT_MSR

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: WELL HEAD HEIGHT UNIT CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The units in which a well head's height is expressed.

Properties: Optional Basic Text

Length: 3

Case sensitive

TD Name: WL_HD_HT_UNIT_CD

Values:

Default: <None>

Permitted Values

m
METERS

ft
FEET

<Spaces>

Attribute: CASING HEIGHT MEASURE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The measure indicating the height of the well head
expressed in feet or meters.

Properties: Optional Basic Number
Length: 8 Decimal places: 3
Not Case sensitive
TD Name: CASING_HGT_MSR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

Attribute: CASING HEIGHT UNIT CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The units in which a well head's height is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: CASING_HGT_UNIT_CD

Values:
Default: <None>

Permitted Values

m
METERS

ft
FEET

<Spaces>

=====

Attribute: DISINFECTED_INDICATOR_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that indicates if a Well has been disinfected
at time of completion.

Properties: Optional Basic Text

Length: 1

Not Case sensitive

TD Name: DISINFECTED_IND_CD

Values:

Default: <None>

Permitted Values

Y
YES

N
NO

<Spaces>

=====

Attribute: CONSTRUCTION_START_DATE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The date (in format MM-DD-YYYY) the borehole excavation
began.

Properties: Optional Basic Date

Length: 8
Not Case sensitive
TD Name: CONSTRUCTN_STRT_DT

Values: <Not applicable>

=====

Attribute: CONSTRUCTION_END_DATE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The date (in format MM-DD-YYYY) that construction was completed on the Well or borehole.

Properties: Optional Basic Date
Length: 8
Not Case sensitive
TD Name: CONSTRUCTN_END_DT

Values: <Not applicable>

=====

Attribute: INITIAL_PUMPING_DURATION
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The duration of initial pumping that occurs at the Well or borehole at the end of construction, prior to production.

Properties: Optional Basic Number
Length: 4 Decimal places: 1
Not Case sensitive
TD Name: INIT_PUMP_DUR

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: INITIAL_PUMPING_DURATION_UNT_COD

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that represents the units in which
a Well's initial pumping duration is expressed.

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: INT_PMP_DUR_UNT_CD

Values:

Default: <None>

Permitted Values

days

DAYS

hours

HOURS

minutes

MINUTES

<Spaces>

=====

Attribute: INITIAL_PUMPING_RATE_MEASURE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The initial pumping rate measurement expressed in
gallons per minute, gallons per hour, gallons per day,
cubic feet per second, liters per minute, liters per
hour.

Properties: Optional Basic Number

Length: 4 Decimal places: 0

Not Case sensitive

TD Name: INIT_PUMP_RATE

Do not implement in C with dec. prec.

COBOL Data Type: Default

Values:

Default: <None>

=====

Attribute: INITIAL_PUMPING_RATE_UNIT_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that represents the volumetric and time units associated with the Well's initial pumping rate.

Properties: Optional Basic Text

Length: 10

Case sensitive

TD Name: INT_PMP_RAT_UNT_CD

Values:

Default: <None>

Permitted Values

gal/day

GALLONS PER DAY

l/hr

LITERS PER HOUR

<Spaces>

gal/hr

GALLONS PER HOUR

gal/min

GALLONS PER MINUTE

l/min

Liters Per MINUTE

cfs

CUBIC FEET PER SECOND

=====

Attribute: NATURAL_FLOW_INDICATOR_CODE

Subject Area: WELL_STATIONS

Entity Type: WELL_STATION

Description: The code that indicates if flow from the Well is natural (i.e., unassisted by man-made devices, artesian).

Properties: Optional Basic Text
Length: 1
Not Case sensitive
TD Name: NATURL_FLOW_IND_CD

Values:
Default: <None>

Permitted Values

Y
YES

N
NO

<Spaces>

=====

Attribute: STATUS_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The code that describes the status of the Well.

Example: Active
Abandoned

Properties: Mandatory Basic Text
Length: 9
Case sensitive
TD Name: STATUS_CODE

Values:
Default: <None>

Permitted Values

Active
Active

Abandoned
ABANDONED

=====

Attribute: INIT_BOREHOLE_DIAMETER_MEASURE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The measure at the surface of the diameter of the
borehole expressed in centimeters, feet, inches, or
meters.

Properties: Optional Basic Number
Length: 5 Decimal places: 2
Not Case sensitive
TD Name: INIT_BOREHOLE_DIAM

Do not implement in C with dec. prec.
COBOL Data Type: Default

Values:
Default: <None>

=====

Attribute: INIT_BOREHOLE_DIAMETER_UNIT_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: The units in which the initial diameter of the borehole
is expressed.

Properties: Optional Basic Text
Length: 3
Case sensitive
TD Name: INIT_BHOLE_DIAM_UN

Values:
Default: <None>

Permitted Values

ft
FEET

m
METERS

cm
CENTIMETERS

<Spaces>

in
INCHES

=====

Attribute: D_USERID_CODE
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: A code that identifies the specific person making
changes to the data.

Properties: Mandatory Designed Text
Length: 8
Not Case sensitive
TD Name: D_USERID_CODE

Values:
Default: <None>

=====

Attribute: D_LAST_UPDATE_TIMESTAMP
Subject Area: WELL_STATIONS
Entity Type: WELL_STATION

Description: A system-generated value that represents the calendar
date and time on which this information was posted to
the data base or when a subsequent modification was
made.

Properties: Mandatory Designed Timestamp
Length: 20
Not Case sensitive
TD Name: D_LAST_UPDT_TS

Values: <Not applicable>

=====

-End of Report-