SF-RAD Metadata Specifications for:

Continuous Measurement of Water Quality

Importance 1: Required, 0: Optional

SF-RAD Field Name	Definition	Importance
sample_location	Sample Location. Identifies manhole or pump station where measurements are taken	1
gps_latitude_degrees	GPS coordinates of the sampling location, latitude degrees (north)	0
gps_latitude_minutes	GPS coordinates of the sampling location, latitude minutes	0
gps_latitude_seconds	GPS coordinates of the sampling location, latitude seconds	0
gps_longitude_degrees	GPS coordinates of the sampling location, longitude degrees (west)	0
gps_longitude_minutes	GPS coordinates of the sampling location, longitude minutes	0
gps_longitude_seconds	GPS coordinates of the sampling location, longitude seconds	0
start_time_continuous_deployment	Start time of data collection	0
end_time_continuous_deployment	End time of data collection	0
Time_interval_data_collection	Time interval over which data are collected and stored in minutes	0
average_or_point_measure	For continuous measure value, is it a point measure or an average of point measures	0
number_of_points_known	If averaged, is the number of point measured known for the average?	0
number_points_in_average	If the number of point measures is known, what is the number of points in the average?	0
water_temp_continuous	Temperature of wastewater measured continuously in field, in C	0
water_conductivity_continuous	Measure of water's ability to carry an electric charge which is related to the dissolved salts in the wastewater mesured continuously in the field (ÂµS/cm)	0
water_salinity_continuous	Quantity of dissolved salts (NaCl, Mg2SO4, KNO3, NaHCO3), in ppt (part per thousand)	0
water_ph_continuous	pH value of the wastewater measured continuously in the field	0
water_dissolved_oxygen_continuous	Amount of oxygen dissolved in wastewater measured continuously in the field, in mg/L	0
water_turbidity_continuous	Turbidity (light scattering property of water that results in loss of transparency) of the wastewater measured continuously inthe field, in nephelometric turbidity units (ntu)	0
water_depth_to_control_point	Depth in feet to control point	0
elevation_of_control_point	Elevation in feet	0
datum_for_elevation	Datum used for elevation reference (e.g., NGVD 1988)	0
instrument_make_model	e.g., Xylem (EXO3)	0
instument_serial_number	Need to provide the Serial Numbers of the two we have	0