

Problem description	SQL Query	DataSource(s) affected	number of items affected	Remark
number of values below LOQ=0 but mean is below LOQ for temporal aggregated measurements from SK	select distinct datasource_identifier, name_determinand, created_by from inventory.wb_temporal_aggregated_measurements where values_below_loq_count = 0 and mean_value_below_loq = TRUE;	SK-National-Chem-DB	2	Arsenic and Copper
reported value is LOD/2 but value_below_lod is not true	select distinct name_determinand, observed_value, value_below_loq, loq, value_below_lod, lod, datasource_identifier, analysed_matrix, created_by from inventory.wb_single_measurements where value_below_loq is true and value_below_lod is false and observed_value = lod/2;	EU-JDS3-public	3	
harmonize the table for analysis_method and references to norms.		all		partly done, needs expert knowledge about analytical procedures
samples without measurements	select distinct datasource_identifier from inventory.wb_sample s left join (select sample_identifier, count(sm.id_single_meas) as count_measurements from inventory.wb_single_measurements sm group by sample_identifier) as meas_count_per_sample on meas_count_per_sample.sample_identifier = s.sample_identifier where count_measurements is null;	DanubeHazard	11	
monitoring sites without samples, continuous measurements and without reference as correlating monitoring site	select distinct datasource_identifier from inventory.wb_sample s left join (select sample_identifier, count(sm.id_single_meas) as count_measurements from inventory.wb_single_measurements sm group by sample_identifier) as meas_count_per_sample on meas_count_per_sample.sample_identifier = s.sample_identifier where count_measurements is null;	AT-GZUV-RW-public AT-STOBIMO-public DanubeHazard DE-LFU-HYDRO-public DE-IS-ESB.2020 EU-JDS2-public EU-JDS3-public EU-TNMN-public RO-ECARO-GW-limited RO-ECARO-SW-public SI-SEA-GW-public SI-SEA-SW-public SK-National-Chem-DB	1635	
duplicated measurements in the data base from RS. Data were imported together. Were dissolved concentrations imported as total?	select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('RS-WISE') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;	RS-WISE	17343	No dissolved metal concentrations in the data set, is one value the dissolved one? select distinct analysed_matrix from inventory.wb_single_measurements wsm where datasource_identifier = 'RS-WISE';
duplicated measurements in the data base from Danube Hazard.	select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('DanubeHazard') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;	Danube Hazard	540	EC and Turbidity for HU stations
duplicated measurements in the data base from the JDS4 for groundwater.	select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('EU-JDS4-public') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;	EU-JDS4-public	973	Reimport with check for analysis method and analysing lab necessary

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duplicated measurements in the data base from the JDS3.	<pre>select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('EU-JDS3-public') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;</pre>	EU-JDS3-public	1918	
duplicated measurements in the data base from the SI-Sea-public for surface water	<pre>select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('SI-SEA-SW-public') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;</pre>	SI-SEA-SW-public	382	
duplicated measurements in the data base from the SI-Sea-public. for groundwater	<pre>select sample_identifier, name_determinand, analysed_matrix, analysis_method, count(*) from inventory.wb_single_measurements where datasource_identifier in ('SI-SEA-GW-public') group by sample_identifier, name_determinand, analysed_matrix, analysis_method having count(*) > 1 order by 5 desc;</pre>	SI-SEA-GW-public	134	
Concentration in TSS from the Inn-project were imported as grab samples but were composite samples in fact. They need to be reimported correctly.		DE-INN-public, AT-INN-public	765	