

Data extraction template

Field	Data input
Title	(write-in)
DOI	(write-in)
Citation	(write-in)
Year published	(write-in)
Country/s	(write-in)
wb_ea_pacific	(1/0)
wb_europe_ca	(1/0)
wb_la_carib	(1/0)
wa_middlee_nafrica	(1/0)
wb_na	(1/0)
wb_sasia	(1/0)
wb_ssafrica	(1/0)
wb_high_income	(1/0)
wb_middle_income	(1/0)
wb_low_income	(1/0)
Self-defined sewage surveillance study i.e. states the use of wastewater for monitoring AMR prevalence in a human population	(1/0)
Self-defined aim	(write-in)
test_approach	(culture/qPCR/sequencing)
target_organism	(write-in)
target_resistance_pheno	(write-in)
target_resistance_geno	(write-in)
STW sampling method	(grab/composite/flow-proportional/mixed)
STW sampling method subsampling/timeframe	(write-in)
Other sampling method and sampling point	(grab/composite/flow-proportional)
STW sampling point	(influent/sludge/effluent/sewer)
STW sampling point detail	(write-in)
STW and sewershed description	(write-in)
Defined sewer inputs	(1/0)
Hospital input	(1/0)
Agriculture input	(1/0)
Industry input	(1/0)
Slaughterhouse input	(1/0)
Other sewer input	(write-in)
sewershed_flow_m3_day	(write-in)
sewershed_popn_equiv	(write-in)
No. of STWs sampled	(write-in)
Sampling method detail	(write-in)
No. of wastewater samples + timeframe	(write-in)
sampling_year	(write-in)
sampling_season_hemisphere_specific	(write-in)
Snapshot (sites sampled once only) or longitudinal (sites sampled repeatedly) sampling	(snapshot/longitudinal)

Field	Data input
If longitudinal: timeframe in months (inclusive) and (sampling interval)	(write-in)
longitudinal_timeframe_mths	(write-in)
longitudinal_interval_mths	(write-in)
DNA sequencing	(1/0)
AMR detection method detail (no. of ABX/genes tested)	(write-in)
antibiotic_pheno_method	(write-in)
antibiotic_geno_method	(write-in)
Additional relevant methods	(write-in)
Human component	(write-in)
Relevant comparison/s	(write-in)
temporal_comparison	(1/0)
geographic_comparison	(1/0)
Direct/indirect comparison (sampled human component directly contributes to wastewater element)	(direct/indirect)
Statistical/biostatistical tests for sewage vs human component association analyses	(write-in)
Relevant findings	(write-in)
Sewage resistances reflect human component?	(positive/negative/inconclusive)