

## Well Water

### ELG09

#### - Variable List -

*Disclaimer: This variable list is not a final product but is intended to provide information about the variables in this data set while a codebook is being developed. Due to the ongoing nature of this work, NB-IRDT makes no guarantee that the information herein is complete.*

#### Recreational Beach Monitoring

Variable Name	Variable Description	Variable Type
REPORT_NUMBER	Unique ID of a Well-log record	Integer
PID	One PID can have multiple wells on it	Integer
WELL_TAG_ID	Unique ID of a Well	Integer
WELL_USE	If it is a drinking water or non-drinking	Text
SUBCATEGORY	Subcategory of well. E.g. domestic, industrial, etc.	Text
WORK_TYPE	New well drilling or other work	Text
DRILL_METHOD	Method used for drilling	Text
WORK_COMPLETED	When drilling work completed	Date
CASING_ABOVE_GROUND	Casing above ground in inches	Decimal
DRIVE_SHOE_USED	Whether drive shoe used. Binary value.	Text
INITIAL_WATER_LEVEL_BTC	Initial Water Level (BTC) in ft	Decimal
METHOD	Air, Bailer or Pump	Text
PUMPING_RATE	Pumping Rate in igpm	Decimal
DURATION	Duration in hrs	Decimal
FINAL_WATER_LEVEL_BTC	Final Water Level (BTC) in ft	Decimal
ESTIMATED_SAFE_YIELD	Estimated Safe Yield in igpm	Decimal
FLOWING_WELL	Whether a flowing well. Binary value.	Text
RATE	Rate in igpm	Decimal
DISINFECTANT	Disinfectant used	Text
QTY	Qty in ig	Decimal
PUMP_INSTALLED	Name/Brand name of the pump	Text
INTAKE_SETTING_BTC	Intake Setting (BTC) in ft	Decimal
DRILLER_COMMENTS	Driller's Comments during Well work	Text
OVERALL_WELL_DEPTH	Overall Well Depth in ft	Decimal
BEDROCK_LEVEL	Bedrock level in ft	Decimal

DRILLING_FLUID_USED	Fluid used during well drilling	Text
SAMPLE_DATE	Date of the sample	Date
SAMPLE_YEAR	Year of the sample	Integer
LATITUDE	Latitude of the Well	Decimal
LONGITUDE	Longitude of the Well	Decimal
ACD_G	Acidity – Grans Details	Decimal
ALK_G	Alkalinity – Grans Details	Decimal
ALK_G_FLAG	Flags in Data	Text
ALK_T_AS_CACO3	Alkalinity – Total Details	Decimal
ALK_T_AS_CACO3_FLAG	Flags in Data	Text
ALK_T	Alkalinity – Total Details	Decimal
ALK_T_FLAG	Flags in Data	Text
AG	Silver	Decimal
AG_FLAG	Flags in Data	Text
AL	Aluminum Details	Decimal
AL_FLAG	Flags in Data	Text
AS_MGL	Arsenic Details in mg/L unit	Decimal
AS_MGL_FLAG	Flags in Data	Text
AS	Arsenic Details	Decimal
AS_FLAG	Flags in Data	Text
B	Boron	Decimal
B_FLAG	Flags in Data	Text
BE_X	Beryllium	Decimal
BE_X_FLAG	Flags in Data	Text
BR2	Bromine	Decimal
BR2_FLAG	Flags in Data	Text
BA	Barium	Decimal
BA_FLAG	Flags in Data	Text
BI	Bismuth	Decimal
BI_FLAG	Flags in Data	Text
BR	Bromine	Decimal
BR_FLAG	Flags in Data	Text
CALC_COND	Conductivity Data - Calculated	Decimal
CALC_TDS	Total Dissolved Solids - Calculated	Decimal
CALC_TDS_FLAG	Flags in Data	Text
CALC_B	Boron - Calculated	Decimal
CALC_C	Carbon - Calculated	Decimal
CALC_AN	Total Anions – Calculated	Decimal
CALC_AN_FLAG	Flags in Data	Text
CALC_CAT	Total Cations - Calculated	Decimal
CALC_CAT_FLAG	Flags in Data	Text
CALC_CO3	Carbonate - Calculated	Decimal
CALC_DIFB	% Difference Cation/Anion Balance	Decimal
CALC_DIFC	% Difference in Calculated COND and COND	Decimal

CALC_DIFTDS	% Difference in Calculated TDS and TDS	Decimal
CALC_HCO3	Bicarbonate - Calculated	Decimal
CALC_OH	Hydroxide - Calculated	Decimal
CALC_SIN	Saturation Index - Calculated	Decimal
CLRA	Colour Details	Integer
CLRT	Colour (TCU) Details	Integer
CLRT_FLAG	Flags in Data	Text
COND	Conductivity	Decimal
COND_FLAG	Flags in Data	Text
CA	Calcium Details	Decimal
CA_FLAG	Flags in Data	Text
CD_MGL	Cadmium Details in mg/L unit	Decimal
CD_MGL_FLAG	Flags in Data	Text
CD	Cadmium Details	Decimal
CD_FLAG	Flags in Data	Text
CL	Chloride Details	Decimal
CL_FLAG	Flags in Data	Text
CO	Cobalt	Decimal
CO_FLAG	Flags in Data	Text
CR_MGL	Chromium in mg/L unit	Decimal
CR_MGL_FLAG	Flags in Data	Text
CR	Chromium	Decimal
CR_FLAG	Flags in Data	Text
CU_MGL	Copper Details in mg/L unit	Decimal
CU_MGL_FLAG	Flags in Data	Text
CU	Copper Details	Decimal
CU_FLAG	Flags in Data	Text
E_COLI_MPN_CFU	E. coli concentration	Integer
E_COLI_MPN	E. coli concentration	Decimal
E_COLI_MPN_FLAG	Flags in Data	Text
E_COLI_P_A_FLAG	Flags in Data	Text
F	Fluoride Details	Decimal
F_FLAG	Flags in Data	Text
FC_MF_FLAG	Flags in Data	Text
FE	Iron	Decimal
FE_FLAG	Flags in Data	Text
HARD_AS_CACO3	Hardness	Decimal
HARD_AS_CACO3_FLAG	Flags in Data	Text
HARD	Hardness	Decimal
HARD_FLAG	Flags in Data	Text
K	Potassium	Decimal
K_FLAG	Flags in Data	Text
LSI	Langelier Saturation Index	Decimal
LI	Lithium	Decimal
LI_FLAG	Flags in Data	Text
MG	Magnesium	Decimal

MG_FLAG	Flags in Data	Text
MN	Manganese	Decimal
MN_FLAG	Flags in Data	Text
MO	Molybdenum	Decimal
MO_FLAG	Flags in Data	Text
NH3T_AS_N	Ammonia – Total (as N) Details	Decimal
NH3T_AS_N_FLAG	Flags in Data	Text
NH3T	Ammonia – Total (as N) Details	Decimal
NH3T_FLAG	Flags in Data	Text
NO2_AS_N	Nitrite	Decimal
NO2_AS_N_FLAG	Flags in Data	Text
NO2	Nitrite	Decimal
NO2_FLAG	Flags in Data	Text
NO3_AS_N	Nitrite	Decimal
NO3_AS_N_FLAG	Flags in Data	Text
NO3	Nitrite	Decimal
NO3_FLAG	Flags in Data	Text
NOX_AS_N	Nitrogen Oxides	Decimal
NOX_AS_N_FLAG	Flags in Data	Text
NOX	Nitrogen Oxides	Decimal
NOX_FLAG	Flags in Data	Text
NA	Sodium	Decimal
NA_FLAG	Flags in Data	Text
NI_MGL	Nickel in mg/L unit	Decimal
NI_MGL_FLAG	Flags in Data	Text
NI	Nickel	Decimal
NI_FLAG	Flags in Data	Text
PB_MGL	Lead in mg/L unit	Decimal
PB_MGL_FLAG	Flags in Data	Text
PB	Lead	Decimal
PB_FLAG	Flags in Data	Text
RB	Rubidium	Decimal
SO4	Sulphate	Decimal
SO4_FLAG	Flags in Data	Text
SB_MGL	Antimony in mg/L unit	Decimal
SB_MGL_FLAG	Flags in Data	Text
SB	Antimony	Decimal
SB_FLAG	Flags in Data	Text
SE_MGL	Selenium in mg/L unit	Decimal
SE_MGL_FLAG	Flags in Data	Text
SE	Selenium	Decimal
SE_FLAG	Flags in Data	Text
SN	Tin	Decimal
SN_FLAG	Flags in Data	Text
SR	Strontium	Decimal
SR_FLAG	Flags in Data	Text

TC_MF	Total Coliforms, Membrane filtration	Decimal
TC_MF_FLAG	Flags in Data	Text
TC_MPN_CFU	Total Coliform, Most Probable Number	Decimal
TC_MPN_CFU_FLAG	Flags in Data	Text
TC_MPN	Total Coliform, Most Probable Number	Decimal
TC_MPN_FLAG	Flags in Data	Text
TC_P_A_FLAG	Flags in Data	Text
TOC	Total Organic Carbon	Decimal
TP	Total Phosphorus	Decimal
TP_FLAG	Flags in Data	Text
TP_L	Total Phosphorus - Low	Decimal
TP_L_FLAG	Flags in Data	Text
TURB	Turbidity Data	Decimal
TURB_FLAG	Flags in Data	Text
TE	Tellurium	Decimal
TE_FLAG	Flags in Data	Text
TL_MGL	Thallium in mg/L unit	Decimal
TL_MGL_FLAG	Flags in Data	Text
TL	Thallium	Decimal
TL_FLAG	Flags in Data	Text
U_MGL	Uranium in mg/L unit	Decimal
U_MGL_FLAG	Flags in Data	Text
U	Uranium	Decimal
U_FLAG	Flags in Data	Text
V	Vanadium	Decimal
V_FLAG	Flags in Data	Text
ZN_MGL	Zinc in mg/L unit	Decimal
ZN_MGL_FLAG	Flags in Data	Text
ZN	Zinc	Decimal
ZN_FLAG	Flags in Data	Text
PH	pH Data	Decimal
PH_FLAG	Flags in Data	Text
PHS	pH at saturation	Decimal

## Document History

Version	Author	Nature of Change	Date
1.0	NB-IRDT Staff	Creation of Document	February 2024