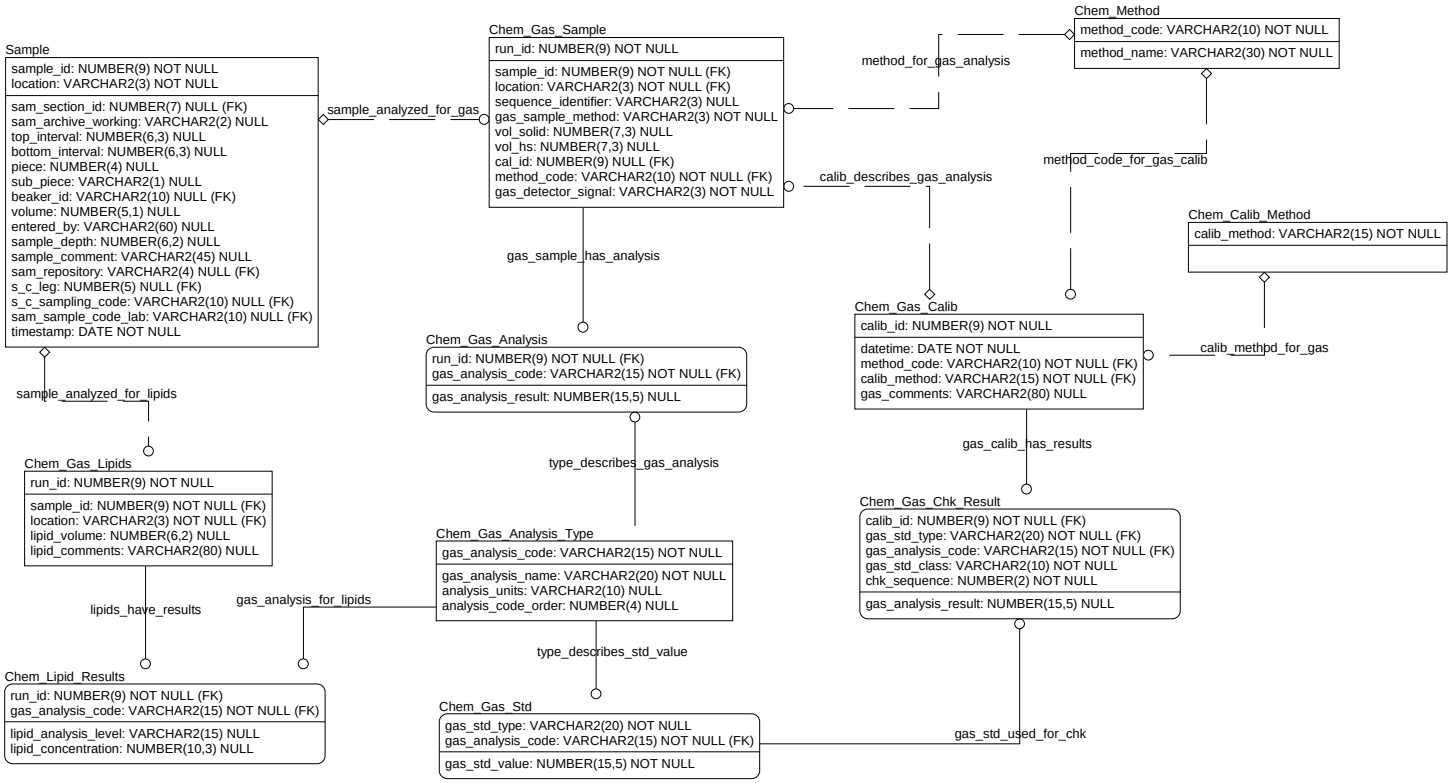
Sample
sample_id: NUMBER(9) NOT NULL
location: VARCHAR2(3) NOT NULL
sam_section_id: NUMBER(7) NULL (FK)
sam_archive_working: VARCHAR2(2) NULL
top_interval: NUMBER(6,3) NULL
bottom_interval: NUMBER(6,3) NULL
piece: NUMBER(4) NULL
sub_piece: VARCHAR2(1) NULL
beaker_id: VARCHAR2(10) NULL (FK)
volume: NUMBER(5,1) NULL
entered_by: VARCHAR2(60) NULL
sample_depth: NUMBER(6,2) NULL
sample_comment: VARCHAR2(45) NULL
sam_repository: VARCHAR2(4) NULL (FK)
s_c_leg: NUMBER(5) NULL (FK)
s_c_sampling_code: VARCHAR2(10) NULL (FK)
sam_sample_code_lab: VARCHAR2(10) NULL (FK)
timestamp: DATE NOT NULL
sample_analyzed_for_gas
Chem_Gas_Sample
run_id: NUMBER(9) NOT NULL
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
sequence_identifier: VARCHAR2(3) NULL
gas_sample_method: VARCHAR2(3) NOT NULL
vol_solid: NUMBER(7,3) NULL
vol_hs: NUMBER(7,3) NULL
cal_id: NUMBER(9) NULL (FK)
method_code: VARCHAR2(10) NOT NULL (FK)
gas_detector_signal: VARCHAR2(3) NOT NULL
method_for_gas_analysis
Chem_Method
method_code: VARCHAR2(10) NOT NULL
method_name: VARCHAR2(30) NOT NULL
method_code_for_gas_calib
calib_describes_gas_analysis
Chem_Calib_Method
calib_method: VARCHAR2(15) NOT NULL
gas_sample_has_analysis
Chem_Gas_Calib
calib_id: NUMBER(9) NOT NULL
datetime: DATE NOT NULL
method_code: VARCHAR2(10) NOT NULL (FK)
calib_method: VARCHAR2(15) NOT NULL (FK)
gas_comments: VARCHAR2(80) NULL
calib_method_for_gas
Chem_Gas_Analysis
run_id: NUMBER(9) NOT NULL (FK)
gas_analysis_code: VARCHAR2(15) NOT NULL (FK)
gas_analysis_result: NUMBER(15,5) NULL
sample_analyzed_for_lipids
Chem_Gas_Lipids
run_id: NUMBER(9) NOT NULL
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
lipid_volume: NUMBER(6,2) NULL
lipid_comments: VARCHAR2(80) NULL
type_describes_gas_analysis
gas_calib_has_results
Chem_Gas_Chk_Result
calib_id: NUMBER(9) NOT NULL (FK)
gas_std_type: VARCHAR2(20) NOT NULL (FK)
gas_analysis_code: VARCHAR2(15) NOT NULL (FK)
gas_std_class: VARCHAR2(10) NOT NULL
chk_sequence: NUMBER(2) NOT NULL
gas_analysis_result: NUMBER(15,5) NULL
Chem_Gas_Analysis_Type
gas_analysis_code: VARCHAR2(15) NOT NULL
gas_analysis_name: VARCHAR2(20) NOT NULL
analysis_units: VARCHAR2(10) NULL
analysis_code_order: NUMBER(4) NULL
lipids_have_results
gas_analysis_for_lipids
type_describes_std_value
Chem_Lipid_Results
run_id: NUMBER(9) NOT NULL (FK)
gas_analysis_code: VARCHAR2(15) NOT NULL (FK)
lipid_analysis_level: VARCHAR2(15) NULL
lipid_concentration: NUMBER(10,3) NULL
Chem_Gas_Std
gas_std_type: VARCHAR2(20) NOT NULL
gas_analysis_code: VARCHAR2(15) NOT NULL (FK)
gas_std_value: NUMBER(15,5) NOT NULL
gas_std_used_for_chk