

Medium

Associate a particular combination of Medium and Parameter with a project, implementation as follows: (recommended)

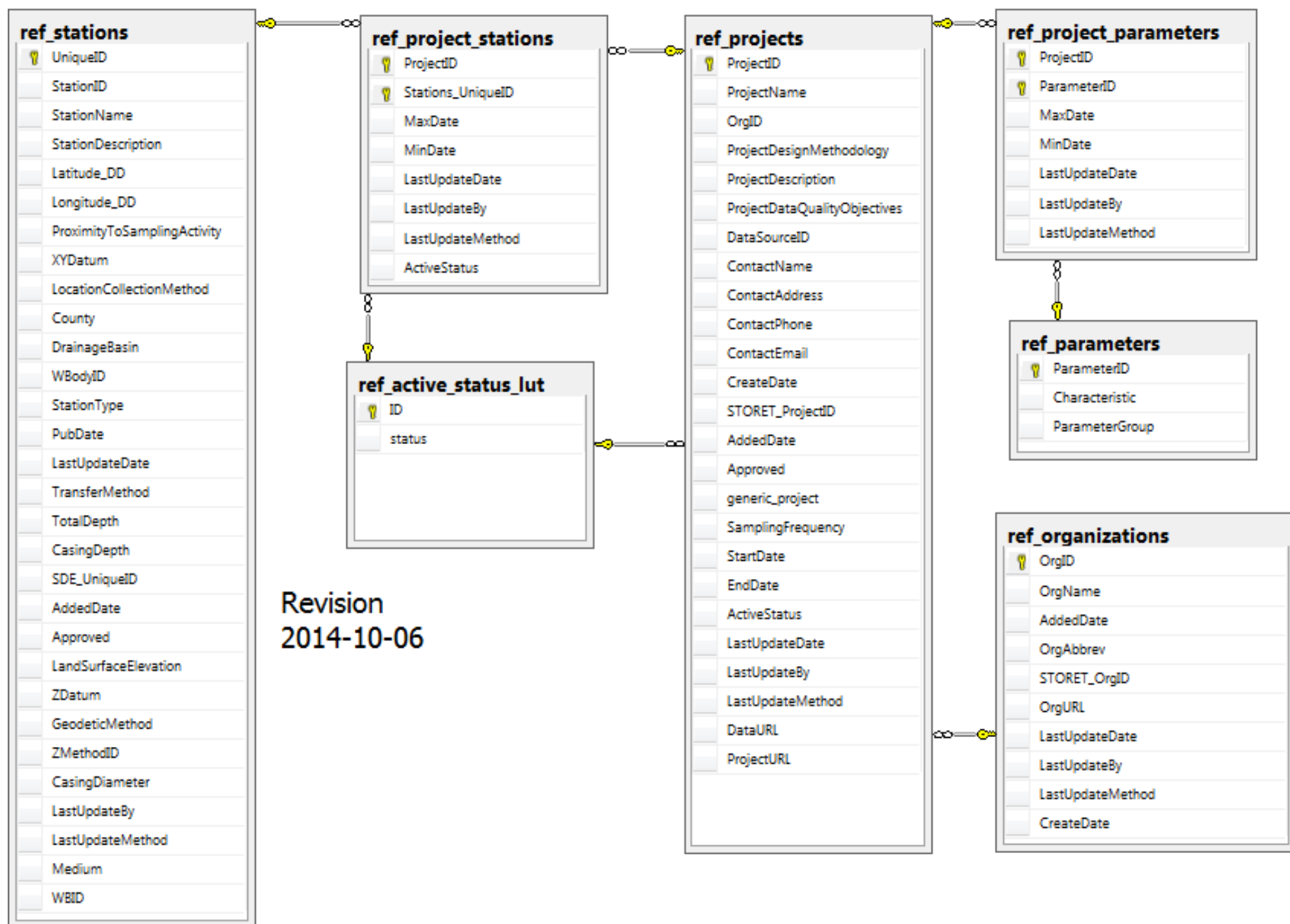
Add Medium to ref_parameters. Each ParameterID would then have defined for it: Characteristic (Category?), ParameterGroup, Medium

When submitting data, the metadata provider would specify for a project both Medium and Characteristic/Category, and we would translate that combination to a particular ParameterID in ref_parameters (see WIN Table pg. 4).

This will mean there be a row in ref_parameters for every ***valid*** combination of Parameter and Medium. We would have to detect invalid combinations and kick them back for correction.

(We might want to consider making Medium a required element; but if not, we will need rows in ref_parameters for “not specified” for each Characteristic.)

The tabular search would allow the user to specify a value for Medium and/or Parameter. (This would be an “or” search”)



In WIN

Matrix	Media
AQUEOUS-Drinking	Water
AQUEOUS-Surface Water	Water
AQUEOUS-Groundwater	Water
AQUEOUS-Pore Water	Water
AQUEOUS-Rain	Water
AQUEOUS-Other	Water
SEDIMENT	Sediment
SOILS	SOIL
TISSUE	Tissue
TISSUE-Algae	Tissue
TISSUE-Animal	Tissue
TISSUE-Feathers	Tissue
TISSUE-Finfish	Tissue
TISSUE-Other	Tissue
TISSUE-Periphyton	Tissue
TISSUE-Plant	Tissue
TISSUE-Shellfish	Tissue
AIR - Ambient Air	AIR
AIR - Dry Fall Material	AIR

ADaPT Analyte ID	Category	AnalyteName	AnalyteGroup	Media	Unit
7439896	Primary	Iron	Metals	Sediment	mg/kg
7439896	Primary	Iron	Metals	Sediment	ppb
7439896	Primary	Iron	Metals	Sediment	ppm
7439896	Primary	Iron	Metals	Sediment	ug/kg
7439896	Primary	Iron	Metals	Soil	mg/kg
7439896	Primary	Iron	Metals	Soil	ppb
7439896	Primary	Iron	Metals	Soil	ppm
7439896	Primary	Iron	Metals	Soil	ug/kg
7439896	Primary	Iron	Metals	Tissue	mg/kg
7439896	Primary	Iron	Metals	Tissue	ppb
7439896	Primary	Iron	Metals	Tissue	ppm
7439896	Primary	Iron	Metals	Tissue	ug/kg
7439896	Primary	Iron	Metals	Water	ppb
7439896	Primary	Iron	Metals	Water	ppm
7439896	Primary	Iron	Metals	Water	ug/L
7439896	Primary	Iron	Metals	Water	mg/L