

The TerraBase® V2.7 Groundwater Elevation “GW” EDD

Generic Data Formatting and Data Library Guide for Project Managers, Contractors, and Groundwater Sampling Crews:

All EDD data must be presented as a Microsoft Excel® file within the strict limitations of the format described in the following table. However, even if the formatting of the EDD is completely correct, the Project Manager may choose to reject the EDD if the contents of that file do not comply with the data-library standardization requirements detailed within the attached Appendices and data libraries.

Additionally, for special projects and uses, a Project Manager responsible for data standardization may provide additions to the standard data libraries for the contractor’s special use within those projects. Any such additions must be provided under separate cover and do not take the place of this generic data standards document.

The TerraBase® Environmental Data Management System stores groundwater data from separate geographic facilities in segregated regions within the database structure. For this reason, groundwater data from separate facilities can never be combined within a single EDD file. However, data from multiple Sampling Events/Dates performed for the same Facility may (at the discretion of the Project Manager) be included within the same EDD file.

“GW” EDD data format description:

Excel Column	Field Name	Data Type: Length	Description
A	Sample Point	Text: 20	Georeferenced data point from which a groundwater sample was taken. This field is required for data that is to be modeled, and is INITIALLY ASSIGNED BY THE PROJECT MANAGER . It must have consistent nomenclature over repetitive sampling events since it represents the name of a physical location on a facility map (such as using “MW-01” to always represent the “Monitor Well #01” map location).
B	MeasurementDateTime	Date/Time	Measurement Date/Time “mm/dd/yyyy hh:mm”. Measurement Time in the format of “hh:mm” using a twenty-four hour format (ex: 13:15 would represent 1:15 PM)
C	GroundwaterDepth*	Real decimal	Groundwater depth from the top of casing (in Well Construction table) to the water table/LNAPL to air interface expressed in the decimal-value format “nnn.nn” (ex: 1.63)
D	GroundwaterElevation*	Real decimal	Groundwater Elevation in feet or meters above the designated benchmark (NGVD/MSL/or Arbitrary Benchmark) expressed in the decimal-value format “nnn.nn” (ex: 95.63)
E	Free ProductThickness	Real decimal	Free product Light Non-Aqueous Phase Liquid (LNAPL) thickness in feet or meters expressed in the

			decimal-value format “nn.n” (ex: 0.3). Leave blank if Free Product was not encountered.
F	FreeProductSpecificGravity	Real decimal	Free product (LNAPL) specific gravity expressed in the decimal-value format “n.nn” (ex: 0.63). Leave blank if Free Product was not encountered.
G	GroundwaterLevelComments	Text: 255	Groundwater Level Comments – include any text comments related to the groundwater measurement reported in this record. Do not use special characters such as “Tabs” or “Carriage Returns”

* Must be reported in the correct units of measure (Feet or Meters) as designated by the project manager. This information may be obtained by reviewing the Client table in “**Mixing**” **English and Metric** units of measure in this GW EDD format is not permitted.

Appendix – Standard TerraBase® codes for use with Groundwater “GW” EDDs and reports:

This section is provided for engineering and contractor staff reference when constructing hard copy reports and EDDs in the aforementioned applicable formats for data submission **to the PROJECT MANAGER**. Please contact Integrate staff directly with any additional questions related to these standards and codes.

No such codes currently apply to the “GW” EDD format.