

W02.2 – Option 1: Drinking water quality report

Technical Document

WELL Building Standard™ version 2 (WELL v2™), Q1 2021 addenda



HOW TO USE THIS DOCUMENT:

This document is intended to serve as a guide on how to create a project **technical document** to **provide access to drinking water that complies with health-based limits on chemical composition**.

This document is meant to demonstrate an acceptable degree of detail for a documentation submission. The Feature cannot be demonstrated solely through a confirmation that the requirements have been or will be implemented. The level of detail is up to the discretion of the project team, but the documents must include specific details demonstrating that the actual requirements have been enacted in the project boundary.

This document and similar tools are intended to assist projects in their pursuit of WELL v2 but use of this document and/or similar tools are in no way a guarantee of achievement of any rating or designation, and no representation or warranty is made regarding the likelihood of achieving any rating or designation.

Note: The below document is based on the Q1 2021 addenda of the WELL Building Standard™ version 2 (WELL v2™). Project teams are required to implement the feature requirements from the addenda version assigned to their project or any more recent addenda version.

FEATURE PART REQUIREMENTS:

For All Spaces

The following requirements are met:

- a. *A municipal water quality report issued not more than one year before project registration covers at least two of the pesticides below. All reported pesticides comply with the following thresholds:*
 1. Aldrin and Dieldrin (combined): 0.00003 mg/L or less.
 2. Atrazine: 0.1 mg/L or less.
 3. Carbofuran: 0.007 mg/L or less.
 4. Chlordane: 0.0002 mg/L or less.
 5. 2,4-Dichlorophenoxyacetic acid (2,4-D): 0.03 mg/L or less.
 6. Dichlorodiphenyltrichloroethane (DDT) and metabolites: 0.001 mg/L or less.
 7. Lindane: 0.002 mg/L or less.
 8. Pentachlorophenol (PCP): 0.009 mg/L or less.
- b. *A municipal water quality report issued not more than one year before project registration contains concentrations of at least three of the organic contaminants below. All reported organic contaminants comply with the following thresholds:*
 1. Benzene: 0.01 mg/L.
 2. Benzo[a]pyrene: 0.0007 mg/L.
 3. Carbon tetrachloride: 0.004 mg/L.
 4. 1,2-Dichloroethane: 0.03 mg/L.
 5. Tetrachloroethene (Tetrachloroethylene): 0.04 mg/L.
 6. Toluene: 0.7 mg/L.
 7. Trichloroethene: 0.02 mg/L.
 8. 2,4,6-Trichlorophenol: 0.2 mg/L.
 9. Vinyl Chloride: 0.0003 mg/L.
 10. Xylenes (o-, m- and p-): 0.5 mg/L.



The below sample documentation is intended to provide guidance in creating a technical document. It is not a template. You may note included components that are not required to demonstrate compliance with this Feature.

Example Technical Document for Feature W02.2 Option 1

MUNICIPAL WATER REPORT - [INSERT PROJECT]

Project Location – New York City, NY, USA

Report – New York City Drinking Water Supply and Quality Report 2020

<https://www1.nyc.gov/assets/dep/downloads/pdf/water/drinking-water/drinking-water-supply-quality-report/2020-drinking-water-supply-quality-report.pdf>

Attached is an annotated version of the report indicating that the following contaminants were tested for and not detected in the water:

Pesticides (pg 6 of pdf, pg 15 of the report):

- ✓ Aldrin and Dieldrin (combined) – both were listed as “not detected” in the report
- ✓ Atrazine
- ✓ Carbofuran.
- ✓ Chlordane
- ✓ 2,4-Dichlorophenoxyacetic acid
- ✓ Lindan
- ✓ Pentachlorophenol (PCP)

Organic Contaminants (pg 6 of pdf, pg 15 of the report):

- ✓ Benzene
- ✓ Benzo[a]pyrene
- ✓ Carbon tetrachloride
- ✓ 1,2-Dichloroethane
- ✓ Tetrachloroethene (Tetrachloroethylene)
- ✓ Toluene
- ✓ Trichloroethene
- ✓ Vinyl Chloride
- ✓ Xylenes (o-, m- and p-)

TIPS FOR MULTIPLE LOCATIONS

- Organizations participating in WELL Portfolio or the multiple projects pathway can submit a Guideline for this feature part, as well as a technical document for each audited project. This Guideline must outline the feature requirements, at minimum, and it can be shared across multiple projects as a means to provide guidance for compliance. A subset of audited projects must also each submit their own technical document that demonstrates compliance with the feature requirements.