



PER-Lite or Full PER Guidance Document

A Full PER is a Preliminary Engineering Report that follows the USDA-RD 1780-2 Format and Guidance (See the [USDA RD 1780-2 Format and Guidance document](#)). A PER-Lite is an abbreviated planning document suitable for projects dealing with PFAS contamination. The required elements of a PER-Lite are listed below. See Guidance Document 1780-2 for the required elements of a Full PER.

This guidance is meant to be used after determining that a PER-lite is appropriate from the PER vs. PER-Lite Flowchart. The defining characteristic of a PER-Lite is that there is PFAS contamination in the drinking water which needs to be addressed via treatment, source modification, consolidation, or a new source. A project that needs to drill a new source for reasons other than PFAS contamination will not be using the PER-Lite format.

A planning document for projects dealing with PFAS contamination can follow the PER-Lite format regardless of the funding source associated with the planning phase. This includes Drinking Water State Revolving Fund (DWSRF) step 1 funding, self-funding, and the Emerging Contaminants in Small or Disadvantaged Communities (EC-SDC) grant program funding.

All planning documents should reference the PFAS Treatment Engineering Document and use the PFAS Treatment Design Checklists.

A PER-Lite Consists of:

- Complete PFAS Treatment Design Checklists with reference to the PFAS Treatment Engineering Document
- Feasible alternatives description and cost estimates (Part 4 of 1780-2). An explanation of which alternatives are not feasible needs to be included.
- Selection of an Alternative and Life Cycle Cost Analysis (Part 5 of 1780-2)
- Description of Proposed Project (Part 6 of 1780-2)