

SRRTTF Database
User Needs Assessment

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A User Needs Assessment, which specifies the purpose(s) that a data base will serve, is a critical first step in designing a database and/or selecting database software.

The following are a list of potential needs of the SRRTTF database:

- Allow assessment of status and trends of PCB concentrations
 - Water column, groundwater, sediment, air and biota
- Allow assessment of existing loading sources
 - Wastewater treatment plants
 - Stormwater/CSO runoff
 - Tributary concentrations
- Allow assessment of environmental conditions affecting pollutant fate and transport
 - Spokane River flows
 - Tributary flows
 - Precipitation
 - Relevant conventional pollutants (e.g. organic carbon, total suspended solids)
- Allow assessment of PCB sources in watershed
 - Current land use maps and/or sites of concern
 - Historical land use maps and/or sites of concern
- Provide relevant metadata
 - Congener-specific results
 - Laboratory QC data
- Bibliography of relevant research
- Compatibility with EIM for long-term data archival
- Automated calculations for various approaches to handling:
 - Surrogate recovery
 - Blank contamination
 - Non-detects
- Mapping capabilities
- On-the-fly graphics
 - Congener patterns
 - Homolog patterns
 - Simple scatter plots