Determine % solids §11.2

Determine particle size §11.3

Yes

Prep per §11.5

Solids > 1%? (from §11.2)

No

Prep per §11.4

Particle size > 1 mm? (from §11.3)

No

Will SPE be used?

No

Visible particles?

No

SPE extraction per §12.2

Filter per §11.4.3

AND

SDS extraction per §12.3

SDS extraction of SPE disk per §12.3

Concentrate per §12.6.1 or §12.6.2*

Concentrate per §12.6.1 or §12.6.2*

Transfer through sodium sulfate

Mix sep. funnel extract & SDS extract together per §12.3.9.1.2

Back-extract per §12.5

Transfer through sodium sulfate

Reconcentrate per §12.6.1, §12.6.2 or 12.6.3

Micro-concentrate per §12.7

Extract clean-up per §13.2 - §13.6, §13.8

Analysis per §14 - §18

Concentrate per §12.6.1, §12.6.2 or §12.6.3

Concentrate per §12.6.1, §12.6.2 or §12.6.3

Grind per §11.7

SDS extraction of filter per §12.3

Concentrate per §12.6.1 or §12.6.2*

Concentrate per §12.6.1 or §12.6.2*

Transfer through sodium sulfate

Mix sep. funnel extract & SDS extract together per §12.3.9.1.2

Back-extract per §12.5

Transfer through sodium sulfate

Reconcentrate per §12.6.1, §12.6.2 or §12.6.3

Micro-concentrate per §12.7

Extract clean-up per §13.2 - §13.6, §13.8

Analysis per §14 - §18

* The K-D concentration procedure in §12.6.3 can be used if the water bath is fed by a steam generator.

Figure 1. Flow Chart for Analysis of Aqueous and Solid Samples