

**DATA VALIDATION CHECKLIST FOR
TOXICITY CHARACTERIZATION LEACHING PROCEDURE (TCLP)**

Sample Delivery Group #: _____
Matrix: _____
Laboratory: _____
Project ID: _____

	Field Sample ID.	Lab Sample ID
1		
2		
3		
4		
5		
6		
7		
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10		
11		
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13		
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15		
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20		

This checklist is to be used for verification of TCLP data packages, consistent with procedure [EPWSD-QPA-TP-207](#).

Instructions: If criteria in this checklist are not met, follow qualification provided in the "Q" column. Sections titled "Raw Data Confirmation" need only be performed if necessary, as determined through the DQO process which is reflected in the Sampling and Analysis Plan. Qualification may require professional judgment.

Validated by: _____ Date: _____

Peer Reviewed by: _____ Date: _____

**DATA VALIDATION CHECKLIST FOR
TOXICITY CHARACTERIZATION LEACHING PROCEDURE (TCLP)**

5.0 TCLP Extraction Fluid

Validation Step	Y	N	NA	Q		
				> RL	>DL & < RL	< DL
1. Was the correct extraction fluid used?				NJ	R	R*
Note: <ul style="list-style-type: none"> Fluid # 1 is always used for VOC analysis. Fluid #1 should be used if the final pH of the pre-test sample is < 5.0. If the pH is > 5.0, hydrochloric acid should be added to the pre-test sample (refer to the method for specifics). Re-analyze for pH. Fluid #2 should be used if the final pH of the pre-test is > 5.0. 						
Did the extraction fluid have the proper pH?				-	J/R*	R*
Note: <ul style="list-style-type: none"> Fluid #1 has a pH range between 4.88 to 4.98 Fluid #2 has a pH range between 2.83 to 2.93. 						
2. Was the correct weight of extraction fluid used?				NJ	J/R*	UJ/R*
3. Were the TCLP extracts properly preserved?				-	J	R
Note: <ul style="list-style-type: none"> Metals must be preserved to a pH <2 with HNO3. If the preservation causes precipitation, the sample should not be preserved, but the sample should be analyzed as soon as possible after extraction. Organic preservatives are optional. 						
Action: List sample IDs and fluid type(s) used for the extraction:						
Sample	Fluid Type					
Action: List sample IDs and incorrect fluid pH(s):						
Sample	Incorrect Fluid pH(s)					

* Qualify only if the deviation indicates an adverse effect on data quality. Refer to Section 5.6.3 of EPWSD-QPA-TP-207.

