

# **ATTACHMENT E**

## **Electronic Data Deliverable Requirements**

## Lab EDD Specifications for 130 Liberty Street Deconstruction Project

1) Volume Unit is set as m<sup>3</sup>.

2) If an analyte is not detected, include the quantitation limit in the concentration column with a flag '<' in the flag column and 'U' in the qualifier column. For detected analytes, the concentration is put in the Concentration column and there is no need to report the quantitation limit.

3) The result units are set differently but consistent with the parameters:

Asbestos		
PCME		f/cm <sup>3</sup>
AHERA		S/mm <sup>2</sup>
Silica		ug/m <sup>3</sup>
PAHs*		ng/m <sup>3</sup>
Metals		ng/m <sup>3</sup>
Total Mercury		ng/m <sup>3</sup>
Dioxins/furans*		pg/m <sup>3</sup>
PCBs		ug/m <sup>3</sup>

\* In addition, BAP equivalent (ng/m<sup>3</sup>) and Dioxin TEQ (pg/m<sup>3</sup>) concentrations must be calculated and reported in the EDD.

4) Each row in the EDD will contain information for a single analytical result from a single run of an analytical method, and should be in the format specified below.

Column #/Name	Field Name	Description	Format	Required
1/A	Lab Name	The lab abbreviation that identifies the lab to provide the electronic results.	Text	Yes
2/B	Field Sample ID	The sample ID provided by TRC on the chain-of-custody form.	Text	Yes*
3/C	Sample Location	The sample location that is provided by TRC on the chain-of-custody.	Text	Yes*
4/D	Date Collected	The date that the sample was collected in the field.	Date (mm/dd/yyyy)	Yes*
5/E	Volume Collected	The sample volume that was collected. Stored as text to preserve significant figures.	Text	Yes*
6/F	Volume Unit	A unit associated with the volume collected.	Text	Yes*
7/G	Lab Sample ID	The sample ID used by the lab	Text	Yes
8/H	Date Received	The date that the sample was received by the lab.	Date (mm/dd/yyyy)	Yes*
9/I	Date Analyzed	The date that the sample was analyzed by the lab.	Date (mm/dd/yyyy)	Yes

Column #/Name	Field Name	Description	Format	Required
10/J	Analytical Method	The lab method used to test for the presence of the parameter.	Text	Yes
11/K	Parameter Name	The full name of the parameter.	Text	Yes
12/L	Concentration	The result of the lab test. Stored as text to preserve significant figures.	Text	Yes
13/M	Unit	The unit associated with the concentration.	Text	Yes
14/N	Flag	A description of the result value. '<' for non-detects; '>', '= ' for detects; '~' for estimated; '?' for unreliable.	Text	Yes
15/O	Qualifier	Lab data qualifiers. 'U' for non-detects; ', 'B', 'J' for detects. There may be more than one for a particular result.	Text	Yes
16/P	Date Reported	The date that the lab generates the EDD.	Date (mm/dd/yyyy)	Yes
17/Q	Note	Additional comments that the lab provides for each individual analytical result.	Text	No

\* - Optional for lab QA Samples

5) The field duplicate, field blank and lab QA samples are reported in the same format as normal samples.

6) Name each EDD file in the following format: parameter name followed by the sample collection date (e.g., PCBs8222005) or lab name followed by the sample collection date (e.g., STL8222005).