1. Explain the type of metadata you have used to describe and organize your datasets. Include information on how the datasets you will upload to ScienceHub connect with the metadata. *Examples: You have uploaded a data dictionary separately from the datasets. You have provided metadata in the dataset files.*

* Sample ID Code = sample identification code, e.g., (PSS-10-EC-10 = Primary School 10 Exterior Caulk) provided by Kent Thomas of Exposure Measurements and Analysis Branch RTP
* Sample Collection Date = Date samples were collected that are logged into sample notebook
* Collected By (initials) = Initials of the chemists that collected the samples from schools
* Sample Shipment Date = date caulk samples were shipped to Las Vegas EPA laboratory
* Shipped By (initials) = Initials of the chemists that shipped the collected caulk samples to EPA Las Vegas Laboratory
* Sample Receipt Date = Date caulk samples were received at EPA Las Vegas Laboratory
* Received By (initials) = Chemist who received the caulk samples from the currier
* Sample Extraction Date = Date sample was extracted into solvent.
* Extracted By (initials) = Initials of the chemist who performed the extraction
* Sample Analysis Date = Date the extracted samples were analyzed with GC/ECD
* Analyzed By (initials) = Initials of the chemist who performed the extract analysis
* Sample Wt. (g) = Weight of sample in grams using analytical balance
* Sample Vol. (mLs) = This is the final volume of extracted and clean-up caulk samples before instrumental analysis
* Conc. (µg/g) = This is the PCBs concentration in a gram of caulk sample (µg/g = ppm)
* Solvent used = Solvent that was used for initial extraction of caulk
* MDL = Minimum detection limit of the analytical method used.
* MIX = Combined PCB Aroclors
* GC Conc. (µg/ml) = This is the PCB concentration obtained from the instrument algorithm before multiplication by dilution factor
* Aroclor Types = Several PCB congeners mixture as prepared by the manufacturer, Aroclor, and identified by their Aroclor fingerprinting patterns