**Information Security Officer – EPA Campus Sensor Check List**

*If your project incorporates sensors that report information to a cloud (online sensors), please include this filled-out template as an Appendix to your QAPP. This will be a standalone document transmitted to the ORD Information Security Officer (ISO), so please fill in each section. If there are sections where information is unknown or cannot be obtained by the manufacturer, please note this.*

1. Summary of project/effort/business justification:
   1. Project name, effort, and business justification:
   2. POC(s).
   3. QA Manager:
   4. Length of project/effort:
2. Cloud/Manufacturer Server Use.
   1. Sensor cloud(s):
   2. The physical location of the servers (manufacturer or cloud) the data will be stored on:
   3. Will the data from the sensor device be immediately displayed on the manufacturer’s website? Yes/No. If yes, see d.,
   4. How is the sensor /data logger depicted (i.e. name, number, or other)?
   5. What sensor data is depicted?
   6. Does researcher/scientist have access to the data displayed on the cloud?
   7. Does the cloud provider make the sensor data available to the public? If so, what information is the public able to see.
3. Sensor Technology.
   1. Summary Description.
   2. Identify/Name all Data Logger/Sensor Model(s) from this vendor that are utilized.
   3. Is the Vendor on the prohibited National Defense Authorization Act (NDAA) Section 889?
   4. Does the vendors technology utilize components from NDAA Section 889 forbidden vendors?
4. Sensor Placement and communication.
   1. Where (EPA room number, building, etc) will the sensors be placed?
   2. Physical security of the device (describe any physical security implementations to protect the device from tampering).
   3. Description of sensor communication/connection (i.e. USB, internet, cell, satellite)
5. Information Types.
   1. What type of Information is collected (i.e. air or water quality, temperature, etc)?
6. Official EPA Record.
   1. Can data be download directly from the sensor itself?
   2. If so, is there a planned frequency for downloading this data (information)?
   3. Where will the data be kept/stored (i.e. ORD provided file share).
7. Data Integrity.
   1. Describe briefly and in general terms how the integrity of the data will be verified before decision/action.
   2. If this effort is required to use a Quality Assurance Project Plan (QAPP), how is the integrity detailed in the related project?
8. Data Ownership.
   1. Please provide manufacturer terms and conditions or correspondence describing the ownership of the data, for the use of online sensors in your project.