

# **QUALITY ASSURANCE PROJECT PLAN (QAPP)**

## **Attachment D Equipment Inventory**

### **AMBIENT AIR MONITORING PROGRAM for the 130 LIBERTY STREET DECONSTRUCTION PROJECT**



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**TRC ENVIRONMENTAL CORPORATION**  
**QUALITY ASSURANCE PROJECT PLAN (QAPP) ATTACHMENT D**  
**130 LIBERTY STREET DECONSTRUCTION - AIR MONITORING NETWORK**  
**Capital Equipment Inventory - Onsite**

<b>Sampling/Monitoring Equipment</b>	<b>Equipment Supplier/Model</b>	<b>Function</b>	<b>Total Available</b>	<b>In field <sup>a</sup> Usage</b>	<b>Infield Spare</b>
RAAS Sampler for PM <sub>10</sub> with TFE Filters	Thermo Anderson / RAAS	particulate	8	8	---
EBAM PM <sub>10</sub>	Met One Instruments / EBAM Sampler	particulate	30	26	4
EBAM PM <sub>2.5</sub> Adapter	Met One Instruments / EBAM Sampler	particulate	14	14	---
Weatherproof power supply for EBAM	Met One Instruments / EBAM Sampler	particulate	30	26	4
Cellular Phone Interface for EBAM	Met One Instruments / EBAM Sampler	particulate	30	19	11
BAM Filter Tape	Met One Instruments / EBAM Sampler	particulate	56	28	28
BGI PQ200 PM <sub>10/2.5</sub>	BGI Instruments - Waltham, MA	particulate	1	1	---
Tisch Hi Vol Samplers	Tisch Environmental / TE-1000 TSP Sampler	metals	15	13	2
Tisch PUF Samplers	Tisch Environmental / TE-1000 PUF Sampler	organic (PAHs/PCDDs)	28	26	2
Tisch Sampling Heads	Tisch Environmental	organic (PAHs/PCDDs)	46	26	20
Calibration Kit for Hi-Vol Samplers	Tisch Environmental / TE Calibration Kit	metals	4	4	---
Calibration Kit for PS-1 Samplers	Tisch Environmental / TE-5040 PUF Calibration Kit	organic (PAHs/PCDDs)	4	4	---
Pump Brushes PUF Samplers	Tisch Environmental	organic (PAHs/PCDDs)	15	---	15
Pump Brushes TSP Samplers	Tisch Environmental	metals	15	---	15
Spare parts kit for TSP 9 months sampling	Tisch Environmental	metals	8	---	8
Spare parts kit for PUF 9 months sampling	Tisch Environmental	organic (PAHs/PCDDs)	16	---	16
Meteorological Station	Met One Instruments / Met Station	meteorological data	2	2	---
Tower, 34ft., Alum.,H.D. w/5ft Mast	Met One Instruments / Met Station	meteorological data	1	1	---
Sensor, wind speed (alum cups)	Met One Instruments / Met Station	meteorological data	2	2	---
Cable Assy, ws -50ft	Met One Instruments / Met Station	meteorological data	2	2	---
Sensor, wind direction (alum tail)	Met One Instruments / Met Station	meteorological data	2	2	---
Cable Assy, wd -50ft	Met One Instruments / Met Station	meteorological data	2	2	---
Crossarm Assembly	Met One Instruments / Met Station	meteorological data	2	2	---
Sensor, Humidity/Temperature	Met One Instruments / Met Station	meteorological data	2	2	---
Radiation Shield, sic plate w/mtg	Met One Instruments / Met Station	meteorological data	2	2	---
Cable Assy, RH/T - 30ft	Met One Instruments / Met Station	meteorological data	2	2	---
Sensor, Baro Pressure	Met One Instruments / Met Station	meteorological data	1	1	---
Cable Assy, BP -10ft	Met One Instruments / Met Station	meteorological data	1	1	---
Data Logger, Weatherproof	Met One Instruments / Met Station	meteorological data	2	2	---
Micromet Plus Software	Met One Instruments / Met Station	meteorological data	2	2	---
Cellular Phone Interface for Data Logger	Met One Instruments / Met Station	meteorological data	2	2	---
Low Volume Samplers (Silica, Hg)	SKC / Universal Pump Kit (224-PCXR4K5D)	Silica, Hg	35	26	9
SKC Dry Calibration Kit	SKC	Silica, Hg, PCB, Asbestos	5	5	---
SKC Low Flow Adapter	SKC	Hg	24	22	2
SKC Battery Eliminator	SKC	Silica, Hg	35	26	9
SKC Leland Pumps	SKC	PCBs	18	13	5
Datatrak software, Leland	SKC	PCBs	2	2	---
Delta Cal	Delta Cal	particulate	1	1	---
Onsite Laptops for Logging & Reporting Data	Dell Computers	data system	4	4	---
Direct Read Mercury Gas Analyzer	Ohio Lumex RA 915	Hg	1	1	---
BGI Tripods	BGI Instruments - Waltham, MA	particulate	1	1	---
Thomas Pump	Environmental Monitoring System	Asbestos	28	26	2
Sample Tripod	Environmental Monitoring System	Silica, Hg, PCB, Asbestos	28	26	2

a = Number In field units based upon 12 station network and one set of collocated samplers.