TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns harbor - Port of Indiana

Site Abbreviation BHP Deployment No. 15

Field Deployment and Recovery

Field *Deployment* Technician Name Scott Keller Setup Date/Time 6/28/21 12:00

Sample Run Date 6/29/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☑ Green power light should start to blink;
- ☑ Timer countdown should start indicating when sampling run will commence;
- ☑ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name Scott Keller Recovery Date/Time 6/30/21 12:15

Q_{Std} Avg Flow (liters/min)	194	Actual Start Date/Time	6/29/21 0:00
CV	0.22	Actual Stop Date/Time	6/29/21 00:02
Q_{Std} Volume (m^3)	0.36	T_{amb} Avg (°C)	23.0
Elapsed Time (HH:MM)	00:02:00	P_{amb} Avg (mmHg)	749
Flags? *Expected flags: Completed, Q_{Std}*	Y Flow Range		

Sample Status: **VALID** **VOID** **(circle one)** **VOID Reason:** Flow Range

Site Observations

Run Day Temperatures: High 82 Low 70 Source: Weather Channel

Run Day Precipitation: <0.5 in Rain

Run Day Wind/Wind Direction: SW 3mph

Run Day Sky Cover: partly Cloudy

Unusual Events? (fires, major storms, construction, etc.):

Maintenance

Check all that apply.

Weekly Checks:

- ☑ Power cords/plugs ok?
- ☑ Gaskets ok?
- ☑ Shelter ok?
- ☑ Tubing ok?
- ☑ Timer ok?
- ☑ Debris removed?

Monthly Checks: *(after 5th sample run of the month)*

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within **±2°C** of transfer standard?
- ☐ Pressure sensor within **±10 mmHg** of transfer standard?
- ☐ One-point flow verification within **±10%** of $Q_{Std\ PUFPLUS}$ ($0.225\frac{m^3}{min}$)?

Maintenance Notes: