Dr. Birdwell,

Please see the attached files for the Portsmouth Gaseous Diffusion Plant meteorological data for CY2024 for use in the review/screening of the meteorological data and the preparation of the CAP88PC meteorological files.

The 3 data files are from three data loggers—two at the X-120H Weather Tower and one at the X-618A Weather Station (abbreviated at times as “120” or “X120” and “618” or X618”).

I’ve also attached a spreadsheet with a list of issues noted throughout the year that may affect data. Specific data related to some issues are highlighted red or yellow in the data files—in such cases, the “Data Marked” column is highlighted red or yellow in this spreadsheet.

The X-120H data is what should be used primarily. Where the X-120H data is not useable, data from the X-618A file can be used in some cases.

A note about the barometric pressure readings—although there are BP#2 readings that appear to be correct, the BP#2 instrument has not been maintained or calibrated for several years and should not be used for official purposes.

The system was set up to adjust times for Daylight Savings Time automatically, although the time changes in the data occurred at different (unofficial) times.

In 2024, the time changes are reflected in the 60-min files as follows:

X120\_1: 3/10/24 skips from 2:00 to 4:00 and 11/3/24 18:00 repeats

X120\_2: 3/11/23 skips from 1:00 to 3:00 and 11/3/24 5:00 repeats

X618\_3: 3/11/24 skips from 16:00 to 18:00 and 11/3/24 9:00 repeats

The attached files are 60-minute data files. I will also be sending the 15-minute data files separately at a later time for you to archive, as we we’ve done in previous years.

Let me know if you have any questions.

Thanks,

Joe

**Joe Sattler, P.E.**

Environmental Remediation| Environmental Engineer

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I am currently teleworking on Tuesdays and Thursdays most weeks.

**Fluor-BWXT Portsmouth LLC**

Contractor to the U. S. DOE under Contract No. DE-AC30-10CC40017

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