

To: Robert Drawbaugh, Toxicology Program Chief

From: Steven Harnois, Public Health Electronics Technician

Date: April 13, 2006

Re: Recommendation of Instrument to be used for the DataMaster Replacement Project.

After testing four instruments as possible replacements for the National Patent Analytical Systems, Inc. (NPAS) BAC DataMaster being used now in the State of Vermont. I would like to recommend the National Patent Analytical Systems, Inc. (NPAS) DataMaster DMT as the replacement of choice.

The NPAS DataMaster DMT has many reasons why this is my recommendation for the new instrument for the State of Vermont. Listed below are the major reasons.

- 1) The analytical portion of the instrument is using the same technology as the State of Vermont is right now.
- 2) During testing in the state of Vermont Public Health Lab, the instrument provided results as good or better than any other instrument tested for accuracy, linearity and repeatability.
- 3) Ease of use; this instrument has its ease of use enhanced by the touch screen display, its windows based operating system, its flexibility to communicate using standard computer software and its use of preprogram buttons.
- 4) The DataMaster DMT is much easier to open and perform maintenance on than any of the other instruments tested, some parts are already in our inventory because of their use in the current DataMaster. The DataMaster DMT is a modular instrument, any single component inside the DMT can be replaced without disturbing the analytical portion of the instrument reducing the need for recalibration, none of the other were designed this way.
- 5) Customer support; during testing of the four instruments customer support was tested by calling the company who owned the instrument, and requesting support, the only company that did not falter on their customer support was NPAS. The other companies were slow to return phone calls or in one case did not return a phone call.
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