Example of a turbidity sensor device file	
NTU=x sc off Column 4 = scale factor (sc) and offset (off).	ECO NTUSB-503 Created on: 09/07/2012 COLUMNS=5 N/U=1 N/U=2 N/U=3 NTU=4 0.0153 50 N/U=5

4.7 Terminal program communication commands

Use Windows HyperTerminal® or other terminal program to communicate with sensors as an alternative to the host software.

Interface settings				
baud rate: 19200	stop bits: 1	data bits: 8	flow control: none	parity: none

4.7.1 Common terminal program commands for sensors

Command	Parameters	Description
!!!!!	none	Stops data output. Allows the user to input setup parameters. (If the sensor is in a low-power state, turn the power supply off for one minute, then turn the power on and keep the "!" key pressed at the same time.)
$ave	1–65535	The number of measurements that make up each row of output.
$mnu	—	Prints the menu of available settings to the host PC screen.
$pkt	0–65535	Sets the number of rows of data that are output between the selected time intervals.
$run	—	Uses the current settings to operate.
$sto	—	Stores the desired settings to the sensor's flash memory.

Single-parameter sensors—Fluorometer and NTU only		
$asv	1 2 4	Sets the sensor's analog scaling value. 1 = the analog output covers the bottom quarter of the output range. 2 = the analog output covers half of the sensor's output range. 4 = the analog output covers the sensor's entire output range.

Fluorometer-only commands		
$cal	1 = ON 0 = OFF	Turns on the column with engineering units that are output in µg/L. Turns off the column with engineering units output in µg/L.
$ugl	0–255	Sets the scale factor for output in µg/L.
$off	0–255	Sets the offset for output in µg/L.

4.7.2 Terminal program commands for sensors with internal memory

Command	Parameters	Description
$clk	24-hour time	Sets the time in the internal memory in the format hhmmss.
$date	date	Sets the date in the internal memory in the format mmddyy.
$emc	—	Clears the internal memory.

Command	Parameters	Description
$get	—	Reads data from the internal memory. Prints **etx** when it is complete.
$int	24-hour time	Sets the time interval between sets of measurements the format hhmmss.
$mvs	1 = ON; 0 = OFF	1 = the Bio-wiper is open. 0 = the Bio-wiper is closed.
$rec	1 = ON 0 = OFF	1 = Turns on the sensor's internal memory. 0 = Turns off the sensor's internal memory.
$rls	—	Loads the settings from the flash memory.
$set	0–65535	Sets the number of rows of data that are output between low-power states.

4.7.3 ECOView and terminal program equivalents

Users who prefer to use a terminal program to communicate with sensors need to know the different, but equivalent words used to describe the data collection options.