Main Screen

Individual Alerts & Dosing Recommendations

Water Temperature

Menu Bar

Setup/Status Tabs

Reminders Area

Battery Level

Signal Connection
No Connection Icon

Last Data Packet Received

Estimated Effective PPM
Calculated from ORP and pH Values. ORP or pH out of range will result in no PPM Estimation.

General Alert

Pool Chemistry Analysis Graphs or Preselected Image

Pool Chemistry Analysis Graphs
Home screen will show default or preselected image; other tabs graphically show your readings

Pool Chemistry Analysis Graphic Timeline Adjustment
Three options to change analysis view: all measurements, readings from the last month or those from the last week

Main Screen: Alerts & Recommendations

pH

7.3

Add 1.76 oz Soda Ash

Press to Start Stabilization

Sanitizer (ORP)

688 mv

OK

81 °F

PPM **2.3**
Last Reading   2 Minutes
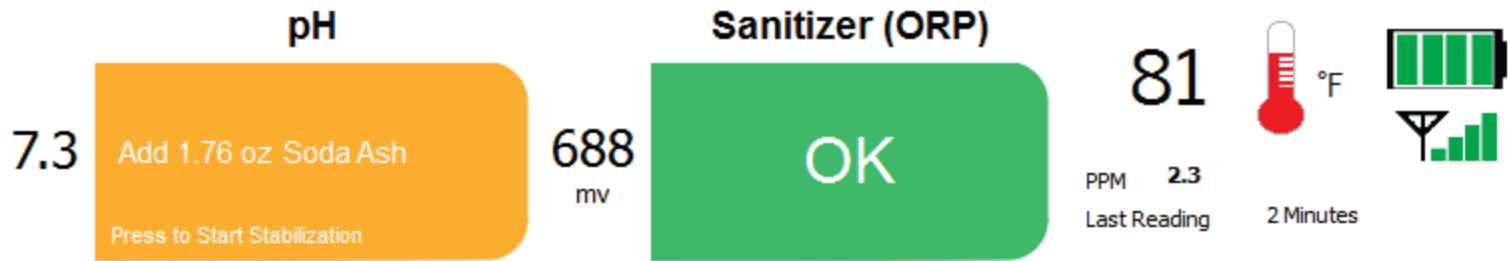
Readings are within IDEAL range for pH and ORP and SAFE range for overall water condition.

Readings are within SAFE range but should be adjusted slightly and/or monitored.

Readings are OUTSIDE safe range. Problems must be corrected to reduce health risks and potential damage to equipment.

pH Range Indicators

Green - 7.4 to 7.6

Orange - 7.2 to 7.3, 7.7 to 7.8

Red - 7.1 or lower, 7.9 or higher

ORP Range Indicators

Green - 675mV or higher
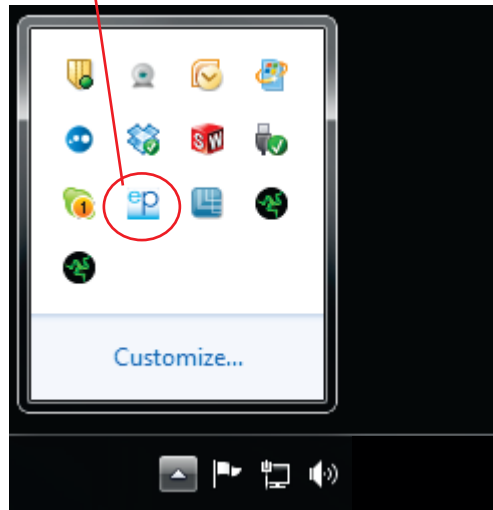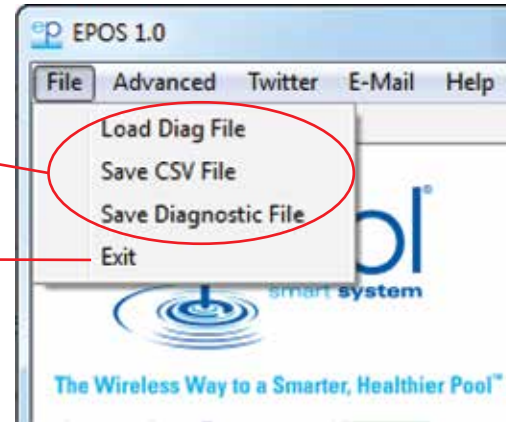
Orange - 650mV to 674mV

Red - 649mV or lower

*The World Health Organization has established 650mV ORP as the minimum reading for sanitized water

IMPORTANT: When pH or ORP is out of range, the System (EPOS) will NOT attempt to estimate effective PPM. Once pH and ORP readings are brought back into a SAFE range, effective PPM estimation calculations will resume.
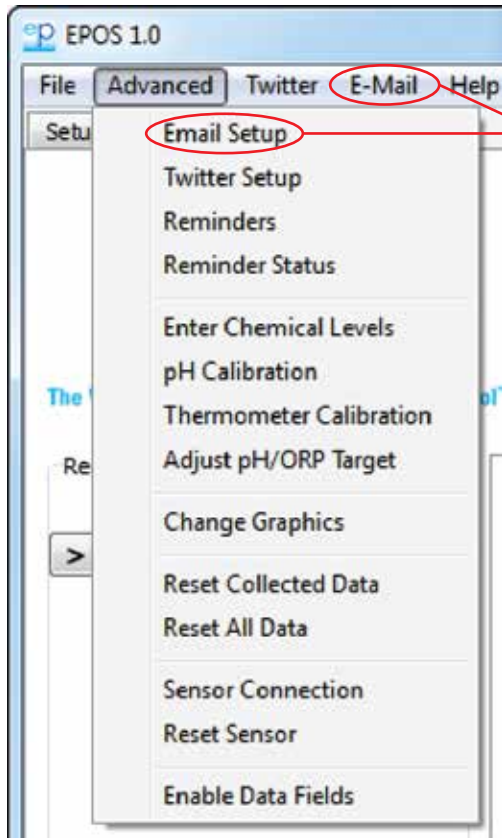
File Menu

Options to export system data to spreadsheets (i.e.: Excel)
Use only as directed by GAME Customer Service

Exit (minimize) system screen
Program continues to run in the background. Simply click the icon
in your System Tray to maximize the screen again.

Advanced Menu: Email Setup

Email Options

Google Gmail
Google Gmail
Microsoft Hotmail
Yahoo! Mail
Yahoo! Plus Email
Always Web Hosting
Custom E-Mail Setup

EPOS 1.0

EPOS 1.0

Google Gmail

User Information

Your Name: Your Name
Example: John Doe

Your Email Address: your.pool@gmail.com
Example: John@test.com

(POP3) Server Information

Login Name: your.pool@gmail.com

Login Password: ●●●●●●●●● ☐ Show Password

Enter the name of your outgoing server (SMTP)
(for example, "mail.example.net"

Outgoing Mail Server: (SMTP) smtp.gmail.com

SMTP Port Number 465

Encryption
○ None ● SSL ○ TLS

☑ Outgoing Server(SMTP) requires authentication

Send Email to: your.mail@mail.com

Mail Subject ePool Alert

Send Test Mail

OK   Cancel   Select Email Events
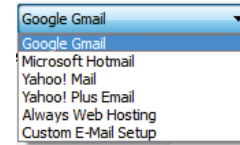
The Login Name will be your complete email address (i.e.: "your.pool@gmail.com") or your user name (i.e. "your.pool")

If using a pre-set option (Gmail, Hotmail, etc.), Server Information will be entered automatically.

For "Custom E-Mail Setup," **you** must provide Server Information. Refer to your Service Provider's documentation or contact your System Administrator.

For ease of use, simply set up a free email account for your pool (i.e.: "your.pool@gmail.com"). The System ("EPOS") will send emails through this account.

Enter the email address where you want notifications sent
For multiple email addresses, separate them with a semicolon and no spaces (i.e.: your.mail@mail.com;other.mail@mail.com)

Send a test email
If the test email fails, double check your settings (if Custom), username and password.

EPOS 1.0

File Advanced Twitter E-Mail Help

Setu

Email Setup
Twitter Setup
Reminders
Reminder Status

Enter Chemical Levels
pH Calibration
Thermometer Calibration
Adjust pH/ORP Target

Change Graphics

Reset Collected Data
Reset All Data

Sensor Connection
Reset Sensor

Enable Data Fields

Advanced Menu: Twitter Setup

The System (EPOS) sends text messages and tweets through Twitter.

For best results, set up a Twitter account for your pool (i.e.: @my_pool). Twitter will send messages to the Mobile Phone Number you provide, any email address you specify and to anyone "following" your pool's Twitter feed.
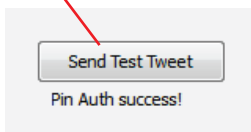
BONUS: You can have, neighbors, friends, relatives or your pool guy "follow" your pool and take care of any problems or issues with your water chemistry if you're away!
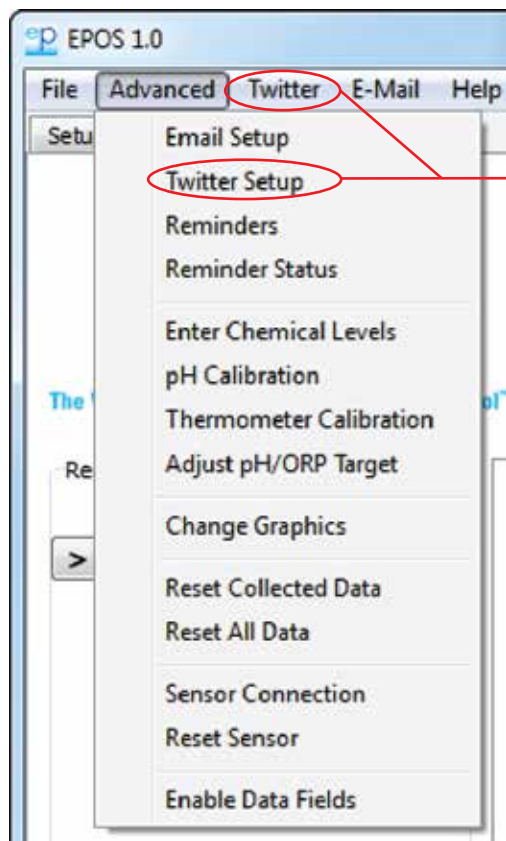
1. Go to Twitter's main page to sign up for a free account

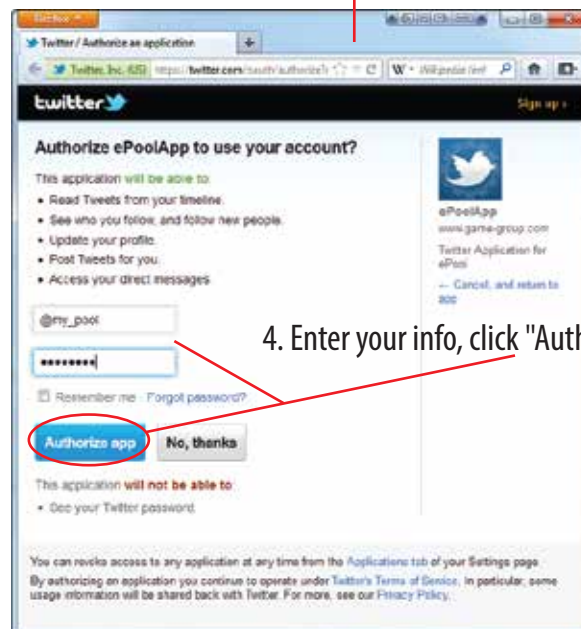2. Enter your pool's Twitter account name

3. Click "Authorize" to open the Twitter Application Authorization page

Send Test Tweet

Pin Auth success!

6. Back in the EPOS Twitter Setup box, click "Send Test Tweet" to verify setup

4. Enter your info, click "Authorize app"

5. Twitter will give an Authorization Code Number - enter that number and click "OK"
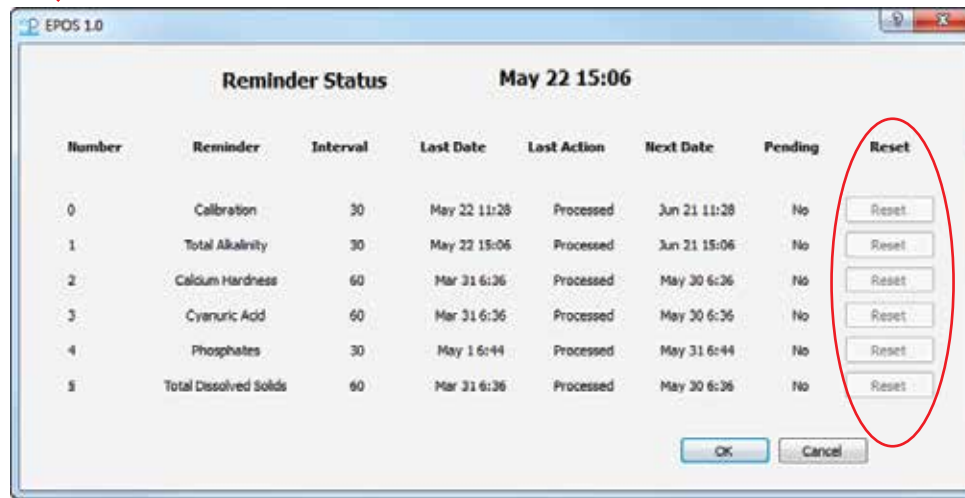
Advanced Menu: Reminders
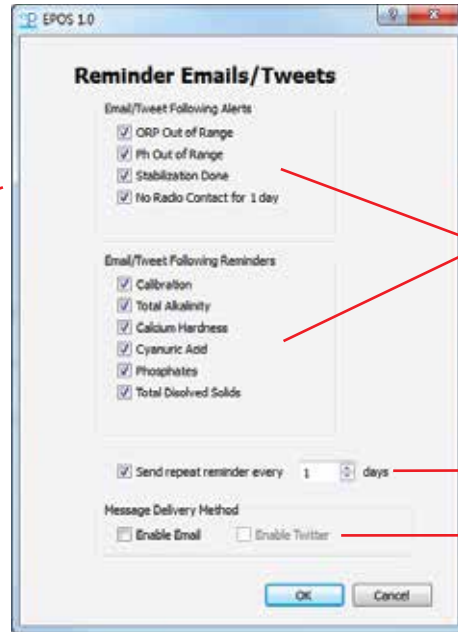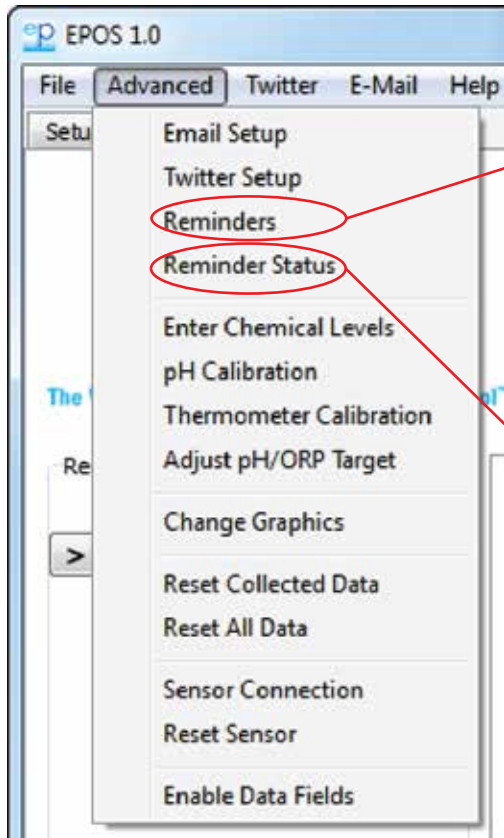
Select the conditions you would like the System (EPOS) to alert you about

Select the frequency you would like alerts sent

Select the method(s) you want EPOS to use to send alerts

Shows the schedule for all Chemical Check Reminders - allows you to reset them early if you check any chemicals before the scheduled reminder date

Advanced Menu: Enter Chemical Levels

In order to maintain proper water balance, enter the chemical levels from a comprehensive water test done at your local Pool and Spa Retailer.

For an easy-to-use listing of these tests, download the Pool Water Checklist from www.game-group.com/pdfs/ePool_PoolWaterChecklist_2012.pdf
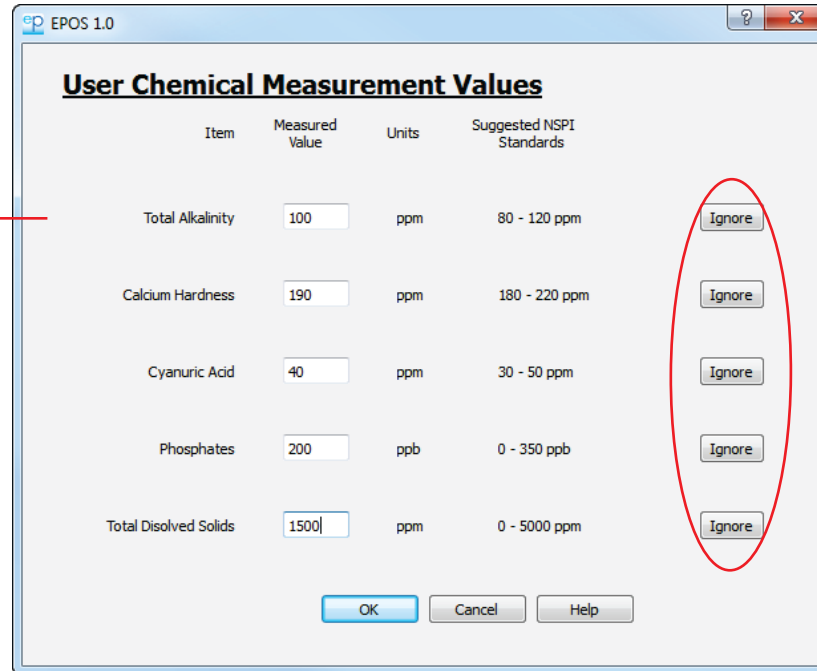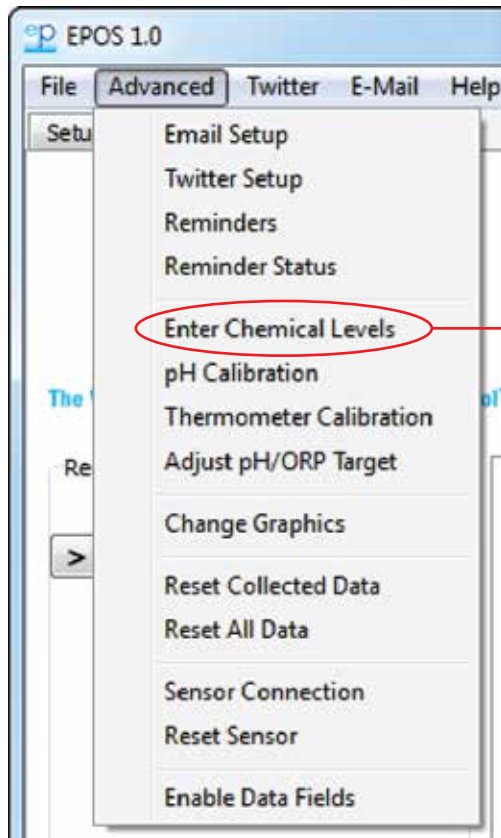
You are able to "Ignore" these measurements but it is not recommended

Total Alkalinity: A "buffer" against pH changes
Too low - pH will be difficult to control, it will "bounce"
Too high - will take a lot of chemicals to adjust pH

Cyanuric Acid (CYA): "Conditioner" blocks harmful UV rays from the sun
Too little - sanitizer will "burn up" quickly creating the need to excessively add more
Too much - sanitizer is rendered ineffective
*For systems with an ORP sensor, such as ePool®, Cyanuric Acid **must** be under 50ppm

Calcium Hardness: A measure of the amount of calcium dissolved in your pool water
Too high - "scale" can build up
Too low - water can etch plaster pool walls

Phosphates: "Algae food"
The higher the phosphate level, the easier it is for algae to grow

Total Dissolved Solids (TDS): Everything dissolved in pool water
Too high in regular pools -will excessively use chemicals
*Salt water pools will have naturally high TDS readings, around 4000ppm

Advanced Menu: pH & Temperature Calibration

pH electrodes must be calibrated against a known reading to be accurate. The System (EPOS) allows you to do this.
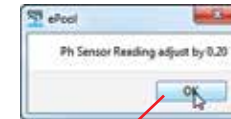You can also calibrate EPOS temperature readings against your favorite pool thermometer.
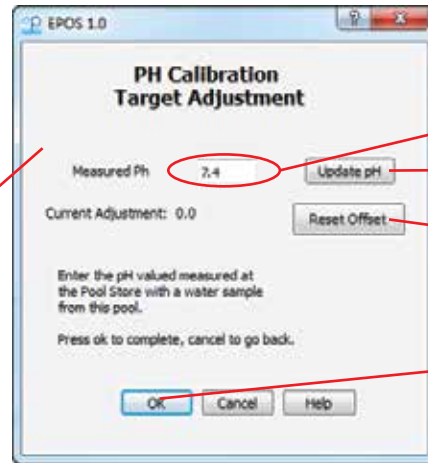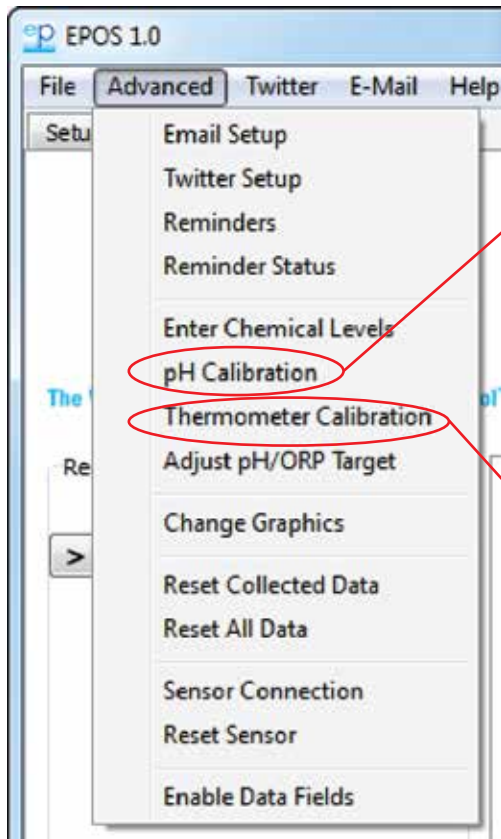
2. Input pH reading received at your pool store

3. Click Update pH

1. Click here to clear any previous adjustments
*This is recommended each time you receive a new pH reading from your pool store

4. Click OK

5. Click OK once more to confirm
*Next received packet will include this calibration

Temperature Calibration follows the same steps as pH Calibration above.
Use a pre-calibrated thermometer as your measured temperature.

Advanced Menu: pH & ORP Target
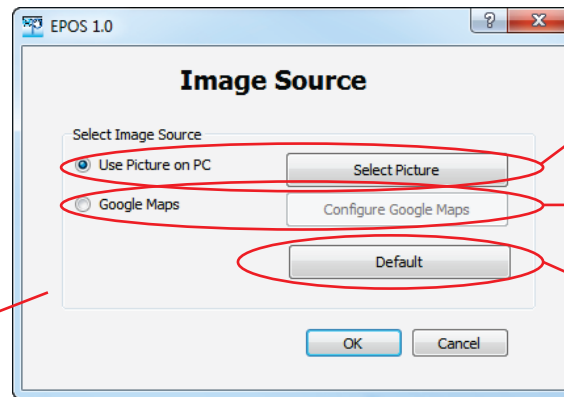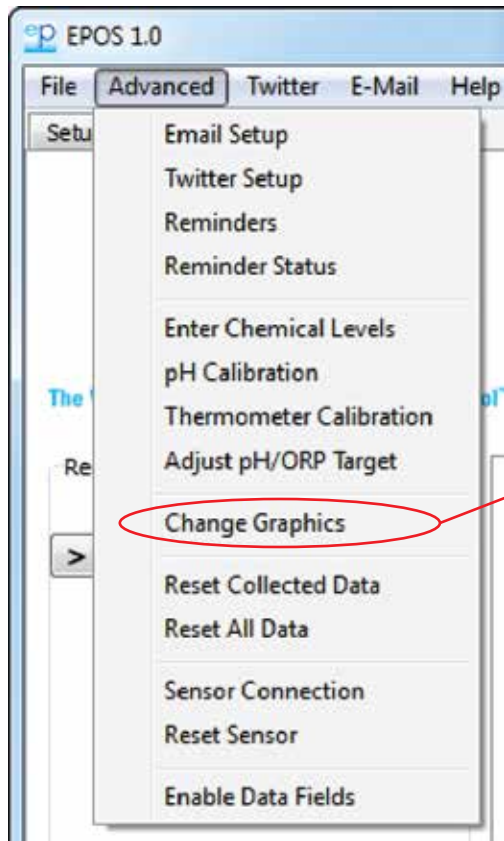
Adjust sliders to set Target pH and Target ORP values

CAUTION: Improper adjustments may result in unhealthy or imbalanced water. The targets should only be adjusted for a specific condition as directed by a residential pool water specialist.
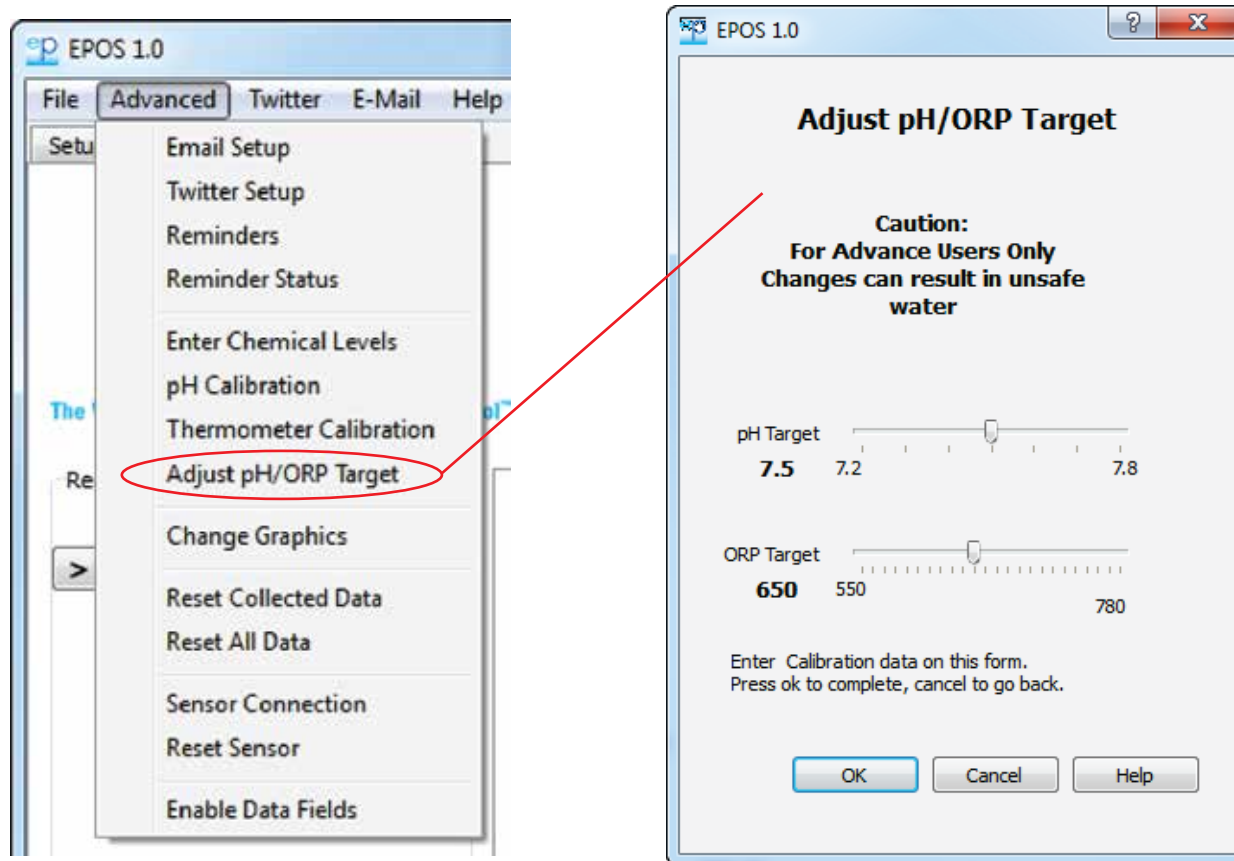
Advanced Menu: Change Graphics

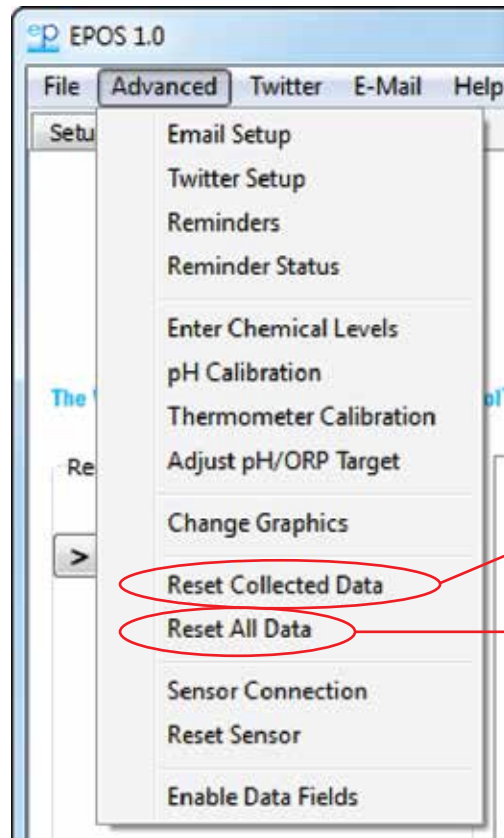Use this option to edit the image seen on the "Current Status" screen of the Software

Select a picture from your own collection

Use a Google Maps image of your location

Revert to the Default image
(ePool® Smart System™ logo)

Advanced Menu: Collected Data & All Data Reset

EPOS 1.0

File | Advanced | Twitter | E-Mail | Help

Email Setup
Twitter Setup
Reminders
Reminder Status

Enter Chemical Levels
pH Calibration
Thermometer Calibration
Adjust pH/ORP Target

Change Graphics

Reset Collected Data
Reset All Data

Sensor Connection
Reset Sensor

Enable Data Fields

A reset can be done at any time. Some common reasons why you may want to reset data:
- You may want to consider resetting data if you drained and refilled your pool
  - old data would now be irrelevant.
- Your have brought your pool water chemistry back into balance after
  a period of extreme unbalance.
- Reopening your pool for the season - you may see months of no readings
  if you did not winterize your ePool®

Resets all chemical levels and reminder history
Does NOT reset initial pool configuration (sanitizer type, etc.)

Resets all data, including initial pool configuration

Advanced Menu: Sensor Connection Settings/Enable Data Fields

IMPORTANT: You should only adjust/use these settings as directed by GAME Customer Service Representatives
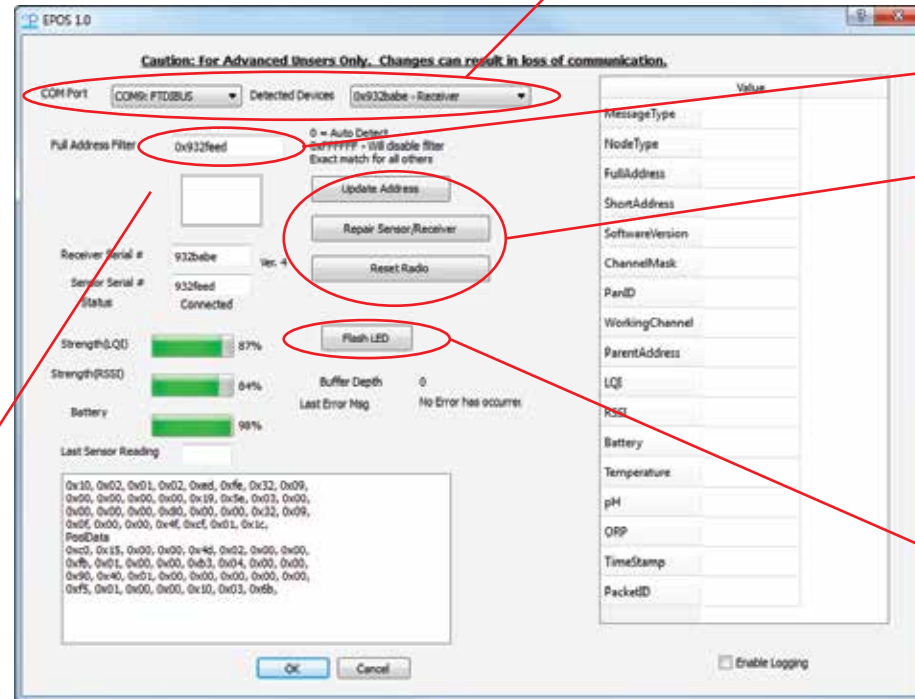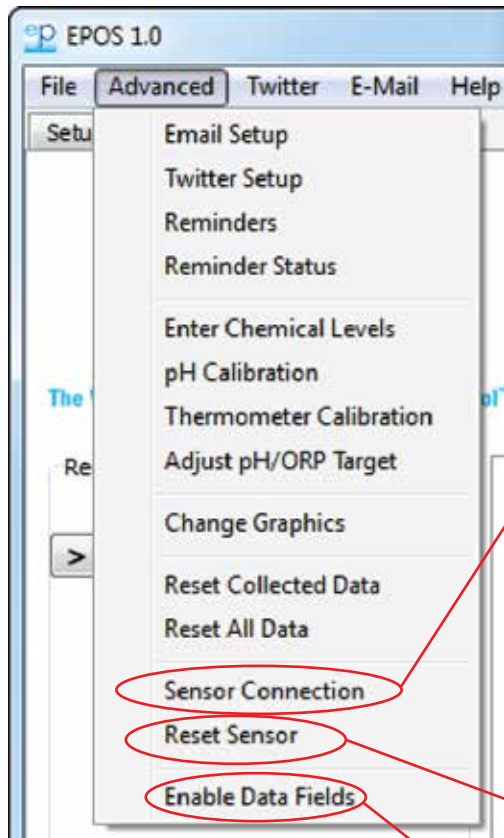
Shows the COM Port and hardware that has been detected

Address Filter will show serial number of paired Floating Sensor

Repair and Reset tools for reconnecting to the Floating Sensor:
1. Unplug the Sensor's battery pack
2. Wait 10 seconds
3. Plug back in
4. Click "Repair Sensor/Receiver"
5. Click "Reset Radio"
6. Click "Update Address"

Diagnostic tool to check connection from computer to Receiver
*If Receiver is installed properly and communicating, the LED on the Receiver will blink for 20 seconds upon clicking the "Flash LED" button

In the event of loss of connectivity, this resets the Floating Sensor's connection to the Receiver. Also attempts USB port restart.
*Should only be done as directed by GAME Customer Service Representatives

Enables radio LQI graphing and raw sample data view (advanced data views)
*For diagnostic use only