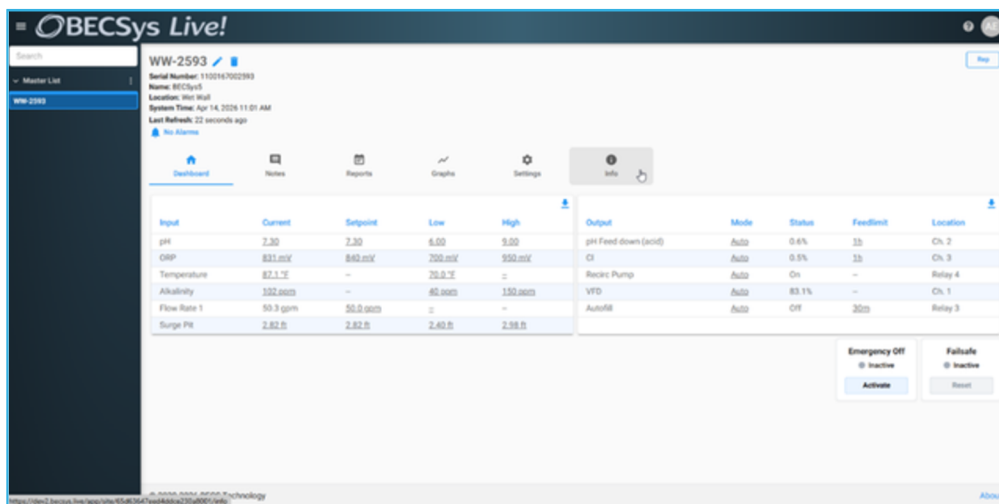




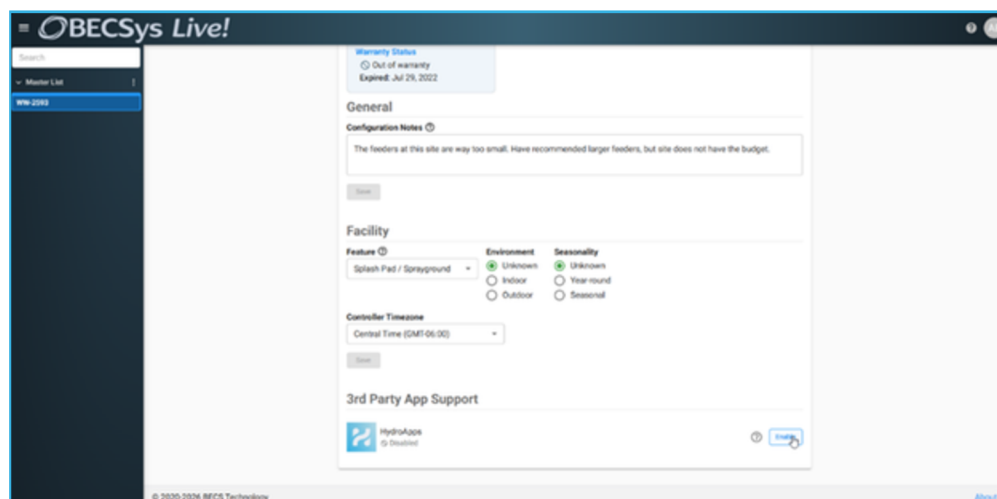
BEC Sys Live! & HydroApps Controller Integration Instructions

HydroApps offers an integration with BEC Sys controllers to pull your controller data into HydroApps and automatically provide variance reports each day for the previous day's pool test data. These tests compare the pool test data to your controller data and will automatically alert you if there is a variance outside of the threshold set for the body of water the controller is assigned to. The steps below walk operators through how to set this integration up.

1. In your BEC Sys Live! controller interface, click info:



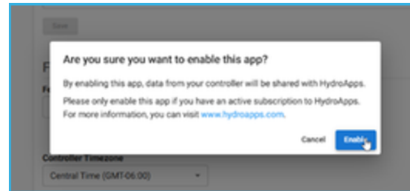
2. Scroll down to 3rd Party App Support and click Enable next to HydroApps



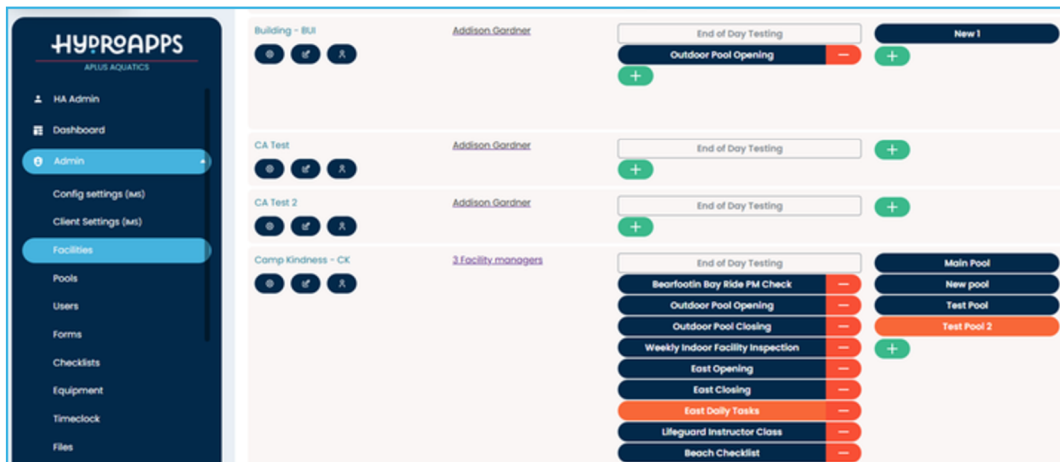


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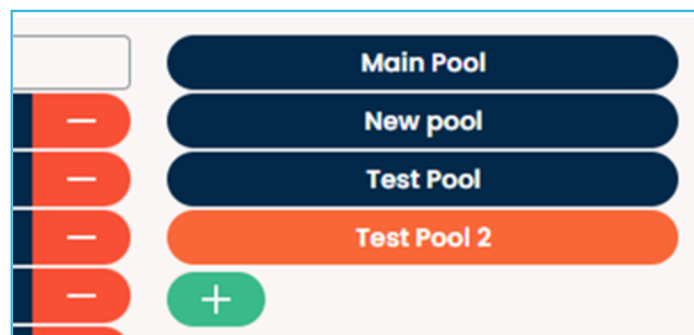
3. Then click enable on the pop up



4. Then go to your HydroApps site and navigate Admin->Facilities



5. Click on the body of water your controller is connected to





BECSys Live! & HydroApps Controller Integration Instructions

6. Scroll down to the “Set controller to use” drop down and select “BECS controller”

Edit pool [X]

Pool parameters
(Note: changing this will delete existing pool and water balance parameter settings)

Indoor pool [v]

Pool type
Outdoor [v]

When do you test this pool?
Everyday [v]

Include pool on public dashboard?
Yes [v]

“Out of range” readings checked against
MAHC readings [v]

Volume (Gallons)
100000 [v]

Set controller to use
BECS controller [v]

None
Prominent controller
✓ BECS controller

7. Then enter the serial number for the controller associated with this body of water:

Set controller to use
BECS controller [v]

Pool serial number
If serial number does not match controller no data will display in pool reporting
1100167002593

Reading times Pool tests Water balance tests Controller variance

8. You can then select from the standard options below on which controller tests to get variance reports on. These will compare against the standard pool tests included with HydroApps

Reading times Pool tests Water balance tests **Controller variance**

Pool test	Variance	Enabled
CC	0.2	✓
FAC	1.0	✓
Free bromine	1.0	✓
ORP chlorine	10.0	✓
pH	0.2	✓
Total chlorine	0.4	✓
Water temperature	2.0	✓



BEC Sys Live! & HydroApps Controller Integration Instructions

9. Repeat the steps above for each controller in BEC Sys Live! and HydroApps for each body of water with a connected controller.
10. Ensure you have the Pool Test Variance reports email alerts enabled for any users that should receive it

User details

Facility assignment

Schedule management

Positions

Inspections / access

Email alerts

Tags

Asset management

Checklist

Lifeguard

Maintenance

Pool

Pool test variance

Schedule

Id	Email template name	Info	Send to enabled	Send cc enabled	Send bcc enabled	Send app enabled
Select/deselect all			☒	☐	☐	☒
80	Pool test variance	i	☒	☐	☐	☒

Close

Update & exit

11. You should now start receiving variance report emails each day around 5am Central Time for the day before detailing any tests that exceed the variance thresholds you set for that body of water.