Experiment 1. No MFC or ORP values. Controlling PH.

Input 1 = pure fermented urine
Input 2 = 10g/Liron oxide + 10gL spirulina powder
Input 3 = Kombucha. Synergy. Trilogy.

Code

```
/*
 * ==================================================================
 * ANAEROBIC DIGESTER - TANK 1 ONLY (STRICT)
 * Arduino GIGA R1
 * ==================================================================
 * ACTIVE PUMPS (TANK 1 ONLY):
 *    D7 = URINE
 *    D2 = WINE
 *    D4 = SPIRULINA+FeOx (maintenance only, NOT used for pH control)
 *
 * DISABLED PUMPS (HARD HELD OFF ALWAYS):
 *    D3, D5, D6  -> forced LOW continuously
 *
 * CONTROL:
 *    - Base HRT: 12 hr
 *    - Emergency HRT: 3 hr if pH outside [6.5, 7.5]
 *    - pH recovery logic (ONE input at a time outside recovery band):
 *        pH < 6.7  -> URINE ONLY
 *        pH > 7.5  -> WINE ONLY
 *        6.7-7.5   -> BOTH (40% urine / 60% wine)
```

```
 *
 * SPIRULINA+FeOx:
 *    - Maintenance dose ONLY when pH is stable (default: [6.8, 7.4])
 *    - Small fixed dose per minute (default 0.10 mL), capped
 *
 * TIMING:
 *    - Status print: every 2 sec
 *    - Dosing cycle: every 60 sec
 *
 * pH:
 *    - 2-point LINEAR calibration directly from pH board voltage:
 *        pH 7 buffer: 1.3299 V
 *        pH 4 buffer: 1.7746 V
 * ====================================================================
 */

#include <math.h>
#include <OneWire.h>
#include <DallasTemperature.h>

// ====================================================================
// SENSOR PINS (TANK 1 ONLY)
// ====================================================================
const int PH_PIN_1  = A0;
const int EC_PIN_1  = A2;
const int MFC_PIN_1 = A3;

#define TEMP_PIN_1 10

OneWire oneWire1(TEMP_PIN_1);
DallasTemperature tempBus1(&oneWire1);

// ====================================================================
// PUMP PINS (TANK 1 ONLY)
// ====================================================================
const int PUMP_WINE_T1     = 2;  // D2
const int PUMP_SPIRFEOX_T1 = 4;  // D4
const int PUMP_URINE_T1    = 7;  // D7

// DISABLED pumps (HARD OFF)
```

```cpp
const int PUMP_DISABLED_1 = 3; // D3
const int PUMP_DISABLED_2 = 5; // D5
const int PUMP_DISABLED_3 = 6; // D6


// =================================================================
// ADC / VOLTAGE SETTINGS
// =================================================================
const float VREF    = 3.3f;
const int   ADC_MAX = 4095;


// =================================================================
// pH 2-POINT CALIBRATION (VOLTAGE DOMAIN)
// =================================================================
const float PH7_TRUE = 7.00f;
const float PH4_TRUE = 4.00f;

const float PH7_V = 1.3299f;   // measured in pH 7 buffer
const float PH4_V = 1.7746f;   // measured in pH 4 buffer

// pH = PH_M*V + PH_B
const float PH_M = (PH7_TRUE - PH4_TRUE) / (PH7_V - PH4_V);
const float PH_B = PH7_TRUE - (PH_M * PH7_V);


// =================================================================
// EC CALIBRATION (unchanged)
// =================================================================
const float EC_SLOPE_MSPERMV = 0.00864f;
const float EC_OFFSET_MS     = 0.033f;
const float EC1_A = 0.83945827233f;
const float EC1_C = -2.25543265007f;


// =================================================================
// PUMP CALIBRATION (mL per second)
// =================================================================
const float ML_PER_SEC_URINE_T1    = 0.663f;
const float ML_PER_SEC_WINE_T1     = 0.730f;
const float ML_PER_SEC_SPIRFEOX_T1 = 0.395f;   // from your data: 0.79 mL
/ 2s


// =================================================================
```

```cpp
// REACTOR CONFIG
// ==================================================================
const float REACTOR_VOLUME_ML = 875.0f;

const float HRT_BASE_HR      = 12.0f;
const float HRT_EMERGENCY_HR = 3.0f;

const unsigned long DOSE_INTERVAL_MS   = 60000; // 60s
const unsigned long STATUS_INTERVAL_MS = 2000;  // 2s


// ==================================================================
// pH LIMITS / LOGIC
// ==================================================================
const float PH_MIN_EMERGENCY = 6.5f;
const float PH_MAX_EMERGENCY = 7.5f;

// Recovery band rules:
// - below 6.7: urine only
// - above 7.5: wine only
// - between: both
const float PH_RECOVER_LOW  = 6.7f;
const float PH_RECOVER_HIGH = 7.5f;


// ==================================================================
// SPIRFeOx MAINTENANCE (NOT pH CONTROL)
// ==================================================================
const float SPIR_ALLOWED_MIN = 6.8f;
const float SPIR_ALLOWED_MAX = 7.4f;

const float SPIR_ML_PER_CYCLE     = 0.10f;  // per minute when allowed
const float SPIR_MAX_ML_PER_CYCLE = 0.20f;  // hard safety cap


// ==================================================================
// SELF-LEARNING (urine/wine only)
// ==================================================================
const float LEARNING_RATE        = 0.4f;
const float MIN_DOSE_FOR_LEARNING = 0.3f;
const float MAX_PH_PER_ML        = 1.0f;
const float MIN_PH_PER_ML        = 0.001f;
```

```cpp
float learned_pH_per_mL_urine_T1 = 0.05f;
float learned_pH_per_mL_wine_T1  = -0.03f;

float lastpH_T1         = 0.0f;
float lastDose_urine_T1 = 0.0f;
float lastDose_wine_T1  = 0.0f;
bool  firstReading_T1   = true;


// ====================================================================
// DATA STRUCTURES
// ====================================================================
struct SensorData {
  float pH;
  float pH_V;
  int   pH_ADC;
  float EC_mS;
  float MFC_mV;
  float Temp_C;
};

struct DoseVolumes {
  float Q_urine_mL;
  float Q_wine_mL;
  float Q_spir_mL;
  float Q_total_mL;
  float HRT;
  bool  emergency;
};


// ====================================================================
// TIMING STATE
// ====================================================================
unsigned long lastDoseTime   = 0;
unsigned long lastStatusTime = 0;
unsigned long doseCount       = 0;


// ====================================================================
// HELPERS
// ====================================================================
float rawTo_mV(int raw) { return raw * 3300.0f / 4095.0f; }
```

```cpp
float clamp(float v, float lo, float hi) {
  if (v < lo) return lo;
  if (v > hi) return hi;
  return v;
}

int readADC_avg(int pin, int n = 30, int delay_ms = 2) {
  long sum = 0;
  for (int i = 0; i < n; i++) {
    sum += analogRead(pin);
    delay(delay_ms);
  }
  return (int)(sum / n);
}

float adcToVolts(int adc) {
  return ((float)adc) * (VREF / (float)ADC_MAX);
}

float readDS18B20(DallasTemperature& bus) {
  bus.requestTemperatures();
  float c = bus.getTempCByIndex(0);
  if (c == DEVICE_DISCONNECTED_C || c == 85.0f) return NAN;
  if (c < -55.0f || c > 125.0f) return NAN;
  return c;
}

// ====================================================================
// HARD OFF SAFETY
// ====================================================================
void forceAllUnusedPumpsOff() {
  digitalWrite(PUMP_DISABLED_1, LOW);
  digitalWrite(PUMP_DISABLED_2, LOW);
  digitalWrite(PUMP_DISABLED_3, LOW);
}

void allPumpsOff() {
  digitalWrite(PUMP_URINE_T1, LOW);
  digitalWrite(PUMP_WINE_T1, LOW);
```

```cpp
    digitalWrite(PUMP_SPIRFEOX_T1, LOW);
    forceAllUnusedPumpsOff();
}


// ===================================================================
// SENSOR READS (TANK 1)
// ===================================================================
float readEC_T1_mS() {
    float ec_meas = EC_SLOPE_MSPERMV * rawTo_mV(analogRead(EC_PIN_1)) +
EC_OFFSET_MS;
    return EC1_A * ec_meas + EC1_C;
}


float readMFC_T1_mV() {
    return rawTo_mV(analogRead(MFC_PIN_1));
}


SensorData readTank1Sensors() {
    SensorData s;
    s.pH_ADC = readADC_avg(PH_PIN_1, 30, 2);
    s.pH_V   = adcToVolts(s.pH_ADC);
    s.pH     = clamp(PH_M * s.pH_V + PH_B, 0.0f, 14.0f);

    s.EC_mS  = readEC_T1_mS();
    s.MFC_mV = readMFC_T1_mV();
    s.Temp_C = readDS18B20(tempBus1);
    return s;
}


// ===================================================================
// DOSE CALCULATION
// ===================================================================
DoseVolumes calculateDose(const SensorData& s) {
    DoseVolumes d;

    d.emergency = (s.pH < PH_MIN_EMERGENCY || s.pH > PH_MAX_EMERGENCY);
    d.HRT = d.emergency ? HRT_EMERGENCY_HR : HRT_BASE_HR;

    // Total "base" flow for urine+wine (mL/min)
    float Q_total = REACTOR_VOLUME_ML / (d.HRT * 60.0f);
```

```cpp
  // pH correction logic (urine/wine only)
  if (s.pH < PH_RECOVER_LOW) {
    d.Q_urine_mL = Q_total;
    d.Q_wine_mL  = 0.0f;
  } else if (s.pH > PH_RECOVER_HIGH) {
    d.Q_urine_mL = 0.0f;
    d.Q_wine_mL  = Q_total;
  } else {
    d.Q_urine_mL = 0.40f * Q_total;
    d.Q_wine_mL  = 0.60f * Q_total;
  }

  // SpirFeOx maintenance (independent of pH control)
  bool spirAllowed = (!d.emergency) && (s.pH >= SPIR_ALLOWED_MIN) && (s.pH
<= SPIR_ALLOWED_MAX);
  d.Q_spir_mL = spirAllowed ? clamp(SPIR_ML_PER_CYCLE, 0.0f,
SPIR_MAX_ML_PER_CYCLE) : 0.0f;

  d.Q_total_mL = d.Q_urine_mL + d.Q_wine_mL + d.Q_spir_mL;
  return d;
}


// ================================================================
// LEARNING UPDATE (urine/wine only)
// ================================================================
void updateLearning(float currentpH) {
  if (firstReading_T1) {
    lastpH_T1 = currentpH;
    firstReading_T1 = false;
    return;
  }

  float pH_change = currentpH - lastpH_T1;

  if (lastDose_urine_T1 >= MIN_DOSE_FOR_LEARNING || lastDose_wine_T1 >=
MIN_DOSE_FOR_LEARNING) {
    float expected_change = (lastDose_urine_T1 *
learned_pH_per_mL_urine_T1) +
```

```
                            (lastDose_wine_T1  *
learned_pH_per_mL_wine_T1);

    float error = pH_change - expected_change;

    if (lastDose_urine_T1 >= MIN_DOSE_FOR_LEARNING && lastDose_wine_T1 <
MIN_DOSE_FOR_LEARNING) {
        float new_effect = learned_pH_per_mL_urine_T1 + (error /
lastDose_urine_T1) * LEARNING_RATE;
        learned_pH_per_mL_urine_T1 = clamp(new_effect, MIN_PH_PER_ML,
MAX_PH_PER_ML);
    }
    else if (lastDose_wine_T1 >= MIN_DOSE_FOR_LEARNING &&
lastDose_urine_T1 < MIN_DOSE_FOR_LEARNING) {
        float new_effect = learned_pH_per_mL_wine_T1 + (error /
lastDose_wine_T1) * LEARNING_RATE;
        learned_pH_per_mL_wine_T1 = clamp(new_effect, -MAX_PH_PER_ML,
-MIN_PH_PER_ML);
    }
    else {
        float total_dosed = lastDose_urine_T1 + lastDose_wine_T1;
        float urine_fraction = (total_dosed > 0) ? (lastDose_urine_T1 /
total_dosed) : 0.5f;

        float urine_error = error * urine_fraction;
        float new_urine = learned_pH_per_mL_urine_T1 + (urine_error /
lastDose_urine_T1) * LEARNING_RATE;
        learned_pH_per_mL_urine_T1 = clamp(new_urine, MIN_PH_PER_ML,
MAX_PH_PER_ML);

        float wine_error = error * (1.0f - urine_fraction);
        float new_wine = learned_pH_per_mL_wine_T1 + (wine_error /
lastDose_wine_T1) * LEARNING_RATE;
        learned_pH_per_mL_wine_T1 = clamp(new_wine, -MAX_PH_PER_ML,
-MIN_PH_PER_ML);
    }
  }

  lastpH_T1 = currentpH;
}
```

```cpp
// ==================================================================
// PUMP RUNNER
// ==================================================================
void runPump_mL(int pin, float mL, float mL_per_sec, const char* name) {
  if (mL <= 0.0f) {
    Serial.print(F("  SKIP "));
    Serial.print(name);
    Serial.println(F(": 0.000 mL"));
    return;
  }

  float seconds = mL / mL_per_sec;
  unsigned long ms = (unsigned long)(seconds * 1000.0f);

  // Guard: avoid 0ms pulses that do nothing
  if (ms < 30) ms = 30;

  Serial.print(F("  RUN "));
  Serial.print(name);
  Serial.print(F(": "));
  Serial.print(mL, 3);
  Serial.print(F(" mL ("));
  Serial.print(ms);
  Serial.println(F(" ms)"));

  digitalWrite(pin, HIGH);
  delay(ms);
  digitalWrite(pin, LOW);
  delay(100);
}

void executeDose(const DoseVolumes& d) {
  Serial.println(F("--- TANK 1 DOSING ---"));

  // Only Tank1 pumps
  runPump_mL(PUMP_URINE_T1,    d.Q_urine_mL, ML_PER_SEC_URINE_T1,
"URINE (D7)");
  runPump_mL(PUMP_WINE_T1,     d.Q_wine_mL,  ML_PER_SEC_WINE_T1,     "WINE
(D2)");
```

```cpp
  runPump_mL(PUMP_SPIRFEOX_T1, d.Q_spir_mL,  ML_PER_SEC_SPIRFEOX_T1,
"SPIR+Fe (D4)");

  Serial.println(F("--- DONE ---"));
}


// ===================================================================
// STATUS PRINT (EVERY 2s) - ALL STATES
// ===================================================================
const char* getPHMode(float pH) {
  if (pH < PH_RECOVER_LOW) return "RECOVER_LOW(urine)";
  if (pH > PH_RECOVER_HIGH) return "RECOVER_HIGH(wine)";
  return "NORMAL(40/60)";
}

void printStatus(const SensorData& s) {
  unsigned long sec = millis() / 1000;

  bool emergency = (s.pH < PH_MIN_EMERGENCY || s.pH > PH_MAX_EMERGENCY);
  float hrt = emergency ? HRT_EMERGENCY_HR : HRT_BASE_HR;

  Serial.print(sec);
  Serial.print(F("s | pH="));
  Serial.print(s.pH, 2);
  Serial.print(F(" ("));
  Serial.print(getPHMode(s.pH));
  Serial.print(F(") "));

  Serial.print(F("| HRT="));
  Serial.print(hrt, 1);
  Serial.print(emergency ? F(" [EMERGENCY] ") : F(" [BASE] "));

  Serial.print(F("| V="));
  Serial.print(s.pH_V, 4);
  Serial.print(F(" ADC="));
  Serial.print(s.pH_ADC);

  Serial.print(F(" | EC="));
  Serial.print(s.EC_mS, 2);
  Serial.print(F("mS/cm"));
```

```cpp
  Serial.print(F(" | MFC="));
  Serial.print(s.MFC_mV, 0);
  Serial.print(F("mV"));

  Serial.print(F(" | Temp="));
  if (isnan(s.Temp_C)) Serial.println(F("NA"));
  else { Serial.print(s.Temp_C, 1); Serial.println(F("C")); }
}

// ================================================================
// SETUP
// ================================================================
void setup() {
  Serial.begin(115200);
  while (!Serial);
  delay(500);

  // Pump pins
  pinMode(PUMP_URINE_T1, OUTPUT);
  pinMode(PUMP_WINE_T1, OUTPUT);
  pinMode(PUMP_SPIRFEOX_T1, OUTPUT);

  pinMode(PUMP_DISABLED_1, OUTPUT);
  pinMode(PUMP_DISABLED_2, OUTPUT);
  pinMode(PUMP_DISABLED_3, OUTPUT);

  // Ensure everything starts OFF
  allPumpsOff();

  analogReadResolution(12);

  tempBus1.begin();
  tempBus1.setWaitForConversion(true);
  tempBus1.setResolution(12);

  Serial.println(F(""));
  Serial.println(F("================================================"));
  Serial.println(F("  ANAEROBIC DIGESTER - TANK 1 ONLY (STRICT)"));
```

```
  Serial.println(F("  Base HRT=12hr | Emergency HRT=3hr (pH out of
6.5-7.5)"));
  Serial.println(F("  pH: 2-point LINEAR from voltage (pH4/pH7)"));
  Serial.println(F("  Pumps: URINE=D7, WINE=D2, SPIR+Fe=D4"));
  Serial.println(F("  Disabled pumps hard OFF: D3, D5, D6"));
  Serial.println(F("=============================================="));
  Serial.println(F(""));

  Serial.println(F("pH CALIBRATION:"));
  Serial.print(F("  PH7_V="));  Serial.print(PH7_V, 4);
  Serial.print(F(" -> 7.00 | PH4_V="));  Serial.print(PH4_V, 4);
  Serial.println(F(" -> 4.00"));
  Serial.print(F("  pH = "));  Serial.print(PH_M, 6);
  Serial.print(F("*V + "));  Serial.println(PH_B, 6);
  Serial.println(F(""));

  Serial.println(F("PUMP CAL (mL/s):"));
  Serial.print(F("  URINE="));  Serial.println(ML_PER_SEC_URINE_T1, 3);
  Serial.print(F("  WINE="));   Serial.println(ML_PER_SEC_WINE_T1, 3);
  Serial.print(F("  SPIR+Fe=")); Serial.println(ML_PER_SEC_SPIRFEOX_T1,
3);
  Serial.println(F(""));


Serial.println(F("CSVHEADER,Time_s,pH,pH_V,pH_ADC,EC_mS,MFC_mV,Temp_C,Mode
,HRT,Emergency,Q_urine,Q_wine,Q_spir"));
  Serial.println(F(""));

  lastDoseTime = millis();
  lastStatusTime = millis();
}

// ================================================================
// MAIN LOOP
// ================================================================
void loop() {
  // Hard enforce unused pumps off at all times
  forceAllUnusedPumpsOff();

  unsigned long now = millis();
```

```cpp
// Status every 2 seconds
if (now - lastStatusTime >= STATUS_INTERVAL_MS) {
  SensorData s = readTank1Sensors();
  printStatus(s);

  // CSV line (compact; every status tick)
  bool emergency = (s.pH < PH_MIN_EMERGENCY || s.pH > PH_MAX_EMERGENCY);
  float hrt = emergency ? HRT_EMERGENCY_HR : HRT_BASE_HR;

  Serial.print(F("DATA,"));
  Serial.print((unsigned long)(now / 1000));
  Serial.print(F(","));
  Serial.print(s.pH, 3);
  Serial.print(F(","));
  Serial.print(s.pH_V, 4);
  Serial.print(F(","));
  Serial.print(s.pH_ADC);
  Serial.print(F(","));
  Serial.print(s.EC_mS, 3);
  Serial.print(F(","));
  Serial.print(s.MFC_mV, 1);
  Serial.print(F(","));
  if (isnan(s.Temp_C)) Serial.print(F("NA"));
  else Serial.print(s.Temp_C, 2);
  Serial.print(F(","));
  Serial.print(getPHMode(s.pH));
  Serial.print(F(","));
  Serial.print(hrt, 1);
  Serial.print(F(","));
  Serial.print(emergency ? 1 : 0);

  // Precompute what the dose WOULD be (so you can see it every 2s)
  DoseVolumes preview = calculateDose(s);
  Serial.print(F(","));
  Serial.print(preview.Q_urine_mL, 4);
  Serial.print(F(","));
  Serial.print(preview.Q_wine_mL, 4);
  Serial.print(F(","));
  Serial.println(preview.Q_spir_mL, 4);
```

```cpp
    lastStatusTime = now;
  }

  // Dose every 60 seconds
  if (now - lastDoseTime >= DOSE_INTERVAL_MS) {
    Serial.println(F(""));
    Serial.println(F("========================================"));
    Serial.println(F("======= TANK 1 DOSING CYCLE ==========="));
    Serial.println(F("========================================"));

    SensorData s = readTank1Sensors();

    // Update learning from previous cycle doses
    updateLearning(s.pH);

    // Compute new dose
    DoseVolumes d = calculateDose(s);

    Serial.print(F("Mode: "));
    Serial.print(getPHMode(s.pH));
    Serial.print(F(" | HRT="));
    Serial.print(d.HRT, 1);
    Serial.print(F(" hr | emergency="));
    Serial.println(d.emergency ? F("YES") : F("NO"));

    Serial.print(F("Doses (mL): urine="));
    Serial.print(d.Q_urine_mL, 4);
    Serial.print(F(" wine="));
    Serial.print(d.Q_wine_mL, 4);
    Serial.print(F(" spir="));
    Serial.print(d.Q_spir_mL, 4);
    Serial.print(F(" total="));
    Serial.println(d.Q_total_mL, 4);

    // Show learned effects
    Serial.print(F("Learned pH/mL: urine=+"));
    Serial.print(learned_pH_per_mL_urine_T1, 5);
    Serial.print(F(" wine="));
    Serial.println(learned_pH_per_mL_wine_T1, 5);
```

```cpp
    // Execute pumps (Tank 1 only)
    executeDose(d);

    // Save the actual urine/wine doses for learning next cycle
    lastDose_urine_T1 = d.Q_urine_mL;
    lastDose_wine_T1  = d.Q_wine_mL;

    doseCount++;
    Serial.print(F("Dose count: "));
    Serial.println(doseCount);
    Serial.println(F("======================================="));
    Serial.println(F(""));

    lastDoseTime = now;
  }
}
```

Data

301s | pH=8.07 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1709 ADC=1453 | EC=1.32mS/cm | MFC=0mV | Temp=22.9C
DATA,301,8.073,1.1709,1453,1.320,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

```
========================================
======= TANK 1 DOSING CYCLE ============
========================================
```
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01477
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 5
```
========================================
```

309s | pH=7.91 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1951 ADC=1483 | EC=1.23mS/cm | MFC=0mV | Temp=22.9C
DATA,309,7.909,1.1951,1483,1.227,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
311s | pH=8.03 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1766 ADC=1460 | EC=1.51mS/cm | MFC=0mV | Temp=22.9C
DATA,311,8.034,1.1766,1460,1.507,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
313s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1798 ADC=1464 | EC=1.36mS/cm | MFC=0mV | Temp=22.9C
DATA,313,8.013,1.1798,1464,1.355,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
315s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1806 ADC=1465 | EC=1.18mS/cm | MFC=0mV | Temp=22.9C
DATA,315,8.007,1.1806,1465,1.180,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
317s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1798 ADC=1464 | EC=1.13mS/cm | MFC=0mV | Temp=22.9C

DATA,317,8.013,1.1798,1464,1.133,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

319s | pH=8.03 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1766 ADC=1460 | EC=0.76mS/cm | MFC=0mV | Temp=22.9C
DATA,319,8.034,1.1766,1460,0.759,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

321s | pH=8.00 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1814 ADC=1466 | EC=0.69mS/cm | MFC=0mV | Temp=22.9C
DATA,321,8.002,1.1814,1466,0.695,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

323s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1806 ADC=1465 | EC=0.35mS/cm | MFC=0mV | Temp=22.9C
DATA,323,8.007,1.1806,1465,0.350,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

325s | pH=7.99 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1830 ADC=1468 | EC=0.54mS/cm | MFC=0mV | Temp=22.9C
DATA,325,7.991,1.1830,1468,0.543,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

327s | pH=7.99 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1838 ADC=1469 | EC=0.23mS/cm | MFC=0mV | Temp=22.9C
DATA,327,7.986,1.1838,1469,0.233,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

329s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1806 ADC=1465 | EC=0.13mS/cm | MFC=0mV | Temp=22.9C
DATA,329,8.007,1.1806,1465,0.128,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

331s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1782 ADC=1462 | EC=-0.05mS/cm | MFC=0mV | Temp=22.9C
DATA,331,8.024,1.1782,1462,-0.053,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

333s | pH=8.00 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1822 ADC=1467 | EC=0.01mS/cm | MFC=0mV | Temp=22.9C
DATA,333,7.996,1.1822,1467,0.011,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

335s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1782 ADC=1462 | EC=0.10mS/cm | MFC=0mV | Temp=22.9C
DATA,335,8.024,1.1782,1462,0.104,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

337s | pH=7.99 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1838 ADC=1469 | EC=0.14mS/cm | MFC=0mV | Temp=22.9C
DATA,337,7.986,1.1838,1469,0.139,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

339s | pH=8.00 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1814 ADC=1466 | EC=0.10mS/cm | MFC=18mV | Temp=22.9C

DATA,339,8.002,1.1814,1466,0.104,17.7,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

341s | pH=8.03 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1774 ADC=1461 | EC=0.01mS/cm | MFC=0mV | Temp=22.9C
DATA,341,8.029,1.1774,1461,0.011,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

343s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1790 ADC=1463 | EC=-0.21mS/cm | MFC=0mV | Temp=22.9C
DATA,343,8.018,1.1790,1463,-0.211,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

345s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1790 ADC=1463 | EC=-0.25mS/cm | MFC=0mV | Temp=22.9C
DATA,345,8.018,1.1790,1463,-0.246,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

347s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1782 ADC=1462 | EC=-0.04mS/cm | MFC=0mV | Temp=22.9C
DATA,347,8.024,1.1782,1462,-0.036,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

349s | pH=8.03 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1774 ADC=1461 | EC=-0.10mS/cm | MFC=0mV | Temp=22.9C
DATA,349,8.029,1.1774,1461,-0.100,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

351s | pH=8.05 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1749 ADC=1458 | EC=-0.27mS/cm | MFC=0mV | Temp=22.9C
DATA,351,8.045,1.1749,1458,-0.270,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

353s | pH=8.03 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1766 ADC=1460 | EC=-0.36mS/cm | MFC=0mV | Temp=22.9C
DATA,353,8.034,1.1766,1460,-0.363,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

355s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1782 ADC=1462 | EC=-0.29mS/cm | MFC=0mV | Temp=22.9C
DATA,355,8.024,1.1782,1462,-0.293,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

357s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1790 ADC=1463 | EC=-0.20mS/cm | MFC=0mV | Temp=22.9C
DATA,357,8.018,1.1790,1463,-0.200,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

359s | pH=8.01 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1798 ADC=1464 | EC=-0.27mS/cm | MFC=0mV | Temp=22.9C
DATA,359,8.013,1.1798,1464,-0.270,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

361s | pH=8.02 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1790 ADC=1463 | EC=-0.36mS/cm | MFC=0mV | Temp=22.9C

DATA,361,8.018,1.1790,1463,-0.363,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01021
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 6
==

369s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.22mS/cm | MFC=0mV | Temp=22.9C
DATA,369,7.877,1.1999,1489,-0.223,0.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
371s | pH=8.00 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1822 ADC=1467 |
EC=-0.24mS/cm | MFC=0mV | Temp=22.9C
DATA,371,7.996,1.1822,1467,-0.240,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
373s | pH=7.98 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1846 ADC=1470 |
EC=-0.50mS/cm | MFC=0mV | Temp=22.9C
DATA,373,7.980,1.1846,1470,-0.504,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
375s | pH=7.97 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1854 ADC=1471 |
EC=-0.55mS/cm | MFC=3mV | Temp=22.9C
DATA,375,7.975,1.1854,1471,-0.550,3.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
377s | pH=7.98 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1846 ADC=1470 |
EC=-0.14mS/cm | MFC=0mV | Temp=22.9C
DATA,377,7.980,1.1846,1470,-0.135,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
379s | pH=8.00 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1822 ADC=1467 |
EC=-0.43mS/cm | MFC=0mV | Temp=22.9C
DATA,379,7.996,1.1822,1467,-0.433,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0
000
381s | pH=7.97 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1854 ADC=1471 |
EC=-0.50mS/cm | MFC=0mV | Temp=22.9C

DATA,381,7.975,1.1854,1471,-0.504,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

383s | pH=7.96 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1878 ADC=1474 | EC=-0.74mS/cm | MFC=12mV | Temp=22.9C

DATA,383,7.958,1.1878,1474,-0.737,12.1,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

385s | pH=7.97 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1854 ADC=1471 | EC=-0.50mS/cm | MFC=0mV | Temp=22.9C

DATA,385,7.975,1.1854,1471,-0.504,0.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

387s | pH=7.94 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1903 ADC=1477 | EC=-0.50mS/cm | MFC=0mV | Temp=22.9C

DATA,387,7.942,1.1903,1477,-0.504,0.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

389s | pH=7.93 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1927 ADC=1480 | EC=-0.55mS/cm | MFC=618mV | Temp=22.9C

DATA,389,7.926,1.1927,1480,-0.550,618.1,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

391s | pH=7.94 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1911 ADC=1478 | EC=-0.60mS/cm | MFC=640mV | Temp=22.9C

DATA,391,7.937,1.1911,1478,-0.597,639.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

393s | pH=7.93 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1919 ADC=1479 | EC=-0.52mS/cm | MFC=679mV | Temp=22.9C

DATA,393,7.931,1.1919,1479,-0.515,679.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

395s | pH=7.93 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1927 ADC=1480 | EC=-0.52mS/cm | MFC=773mV | Temp=22.9C

DATA,395,7.926,1.1927,1480,-0.515,772.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

397s | pH=7.93 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1919 ADC=1479 | EC=-0.78mS/cm | MFC=882mV | Temp=22.9C

DATA,397,7.931,1.1919,1479,-0.784,882.4,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

399s | pH=7.91 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1943 ADC=1482 | EC=-0.74mS/cm | MFC=897mV | Temp=22.9C

DATA,399,7.915,1.1943,1482,-0.737,896.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

401s | pH=7.92 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1935 ADC=1481 | EC=-0.78mS/cm | MFC=886mV | Temp=22.9C

DATA,401,7.920,1.1935,1481,-0.784,885.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

403s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 | EC=-0.88mS/cm | MFC=1066mV | Temp=22.9C

DATA,403,7.893,1.1975,1486,-0.878,1066.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

405s | pH=7.91 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1951 ADC=1483 | EC=-0.74mS/cm | MFC=1056mV | Temp=22.9C
DATA,405,7.909,1.1951,1483,-0.737,1056.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

407s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 | EC=-0.83mS/cm | MFC=1080mV | Temp=22.9C
DATA,407,7.893,1.1975,1486,-0.831,1079.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

409s | pH=7.90 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1967 ADC=1485 | EC=-0.76mS/cm | MFC=1076mV | Temp=22.9C
DATA,409,7.899,1.1967,1485,-0.761,1075.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

411s | pH=7.90 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1967 ADC=1485 | EC=-0.90mS/cm | MFC=1052mV | Temp=22.9C
DATA,411,7.899,1.1967,1485,-0.895,1051.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

413s | pH=7.93 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1927 ADC=1480 | EC=-0.88mS/cm | MFC=928mV | Temp=22.9C
DATA,413,7.926,1.1927,1480,-0.878,927.5,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

415s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 | EC=-0.85mS/cm | MFC=740mV | Temp=22.9C
DATA,415,7.893,1.1975,1486,-0.854,739.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

417s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1983 ADC=1487 | EC=-0.89mS/cm | MFC=660mV | Temp=22.9C
DATA,417,7.888,1.1983,1487,-0.889,660.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

419s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 | EC=-0.92mS/cm | MFC=616mV | Temp=22.9C
DATA,419,7.893,1.1975,1486,-0.924,616.5,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

421s | pH=7.90 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1967 ADC=1485 | EC=-0.92mS/cm | MFC=502mV | Temp=22.9C
DATA,421,7.899,1.1967,1485,-0.924,502.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

===
======= TANK 1 DOSING CYCLE ============
===
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611

Learned pH/mL: urine=+0.05000 wine=-0.01552
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 7
=======================================

429s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 |
EC=-0.97mS/cm | MFC=309mV | Temp=22.9C
DATA,429,7.784,1.2136,1506,-0.971,308.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
431s | pH=7.91 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1951 ADC=1483 |
EC=-0.98mS/cm | MFC=341mV | Temp=22.9C
DATA,431,7.909,1.1951,1483,-0.983,340.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
433s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2007 ADC=1490 |
EC=-0.99mS/cm | MFC=283mV | Temp=22.9C
DATA,433,7.871,1.2007,1490,-0.989,282.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
435s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.99mS/cm | MFC=309mV | Temp=22.9C
DATA,435,7.877,1.1999,1489,-0.989,308.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
437s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1983 ADC=1487 |
EC=-1.02mS/cm | MFC=309mV | Temp=22.9C
DATA,437,7.888,1.1983,1487,-1.018,308.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
439s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.88mS/cm | MFC=322mV | Temp=22.9C
DATA,439,7.877,1.1999,1489,-0.878,321.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
441s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1991 ADC=1488 |
EC=-1.11mS/cm | MFC=347mV | Temp=22.9C
DATA,441,7.882,1.1991,1488,-1.111,347.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
443s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1991 ADC=1488 |
EC=-1.02mS/cm | MFC=341mV | Temp=22.9C
DATA,443,7.882,1.1991,1488,-1.018,340.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
445s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.98mS/cm | MFC=350mV | Temp=22.9C

DATA,445,7.877,1.1999,1489,-0.983,349.7,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
447s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2015 ADC=1491 |
EC=-0.80mS/cm | MFC=367mV | Temp=22.9C
DATA,447,7.866,1.2015,1491,-0.802,366.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
449s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2007 ADC=1490 |
EC=-1.02mS/cm | MFC=372mV | Temp=22.9C
DATA,449,7.871,1.2007,1490,-1.018,372.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
451s | pH=7.90 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1967 ADC=1485 |
EC=-1.04mS/cm | MFC=392mV | Temp=22.9C
DATA,451,7.899,1.1967,1485,-1.041,391.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
453s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.97mS/cm | MFC=412mV | Temp=22.9C
DATA,453,7.877,1.1999,1489,-0.971,411.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
455s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1983 ADC=1487 |
EC=-0.98mS/cm | MFC=412mV | Temp=22.9C
DATA,455,7.888,1.1983,1487,-0.983,411.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
457s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-1.03mS/cm | MFC=412mV | Temp=22.9C
DATA,457,7.877,1.1999,1489,-1.030,411.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
459s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1991 ADC=1488 |
EC=-0.97mS/cm | MFC=438mV | Temp=22.9C
DATA,459,7.882,1.1991,1488,-0.971,437.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
461s | pH=7.90 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1959 ADC=1484 |
EC=-0.97mS/cm | MFC=448mV | Temp=22.9C
DATA,461,7.904,1.1959,1484,-0.971,448.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
463s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1991 ADC=1488 |
EC=-1.11mS/cm | MFC=444mV | Temp=22.9C
DATA,463,7.882,1.1991,1488,-1.111,444.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
465s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2015 ADC=1491 |
EC=-1.03mS/cm | MFC=449mV | Temp=22.9C
DATA,465,7.866,1.2015,1491,-1.030,448.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
467s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2007 ADC=1490 |
EC=-0.98mS/cm | MFC=462mV | Temp=22.9C

DATA,467,7.871,1.2007,1490,-0.977,461.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
469s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 |
EC=-0.86mS/cm | MFC=454mV | Temp=22.9C
DATA,469,7.893,1.1975,1486,-0.860,453.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
471s | pH=7.87 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2015 ADC=1491 |
EC=-1.02mS/cm | MFC=442mV | Temp=22.9C
DATA,471,7.866,1.2015,1491,-1.018,441.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
473s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1999 ADC=1489 |
EC=-0.92mS/cm | MFC=438mV | Temp=22.9C
DATA,473,7.877,1.1999,1489,-0.924,437.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
475s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 |
EC=-0.92mS/cm | MFC=444mV | Temp=22.9C
DATA,475,7.893,1.1975,1486,-0.924,444.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
477s | pH=7.88 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1991 ADC=1488 |
EC=-0.93mS/cm | MFC=442mV | Temp=22.9C
DATA,477,7.882,1.1991,1488,-0.930,442.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
479s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 |
EC=-0.92mS/cm | MFC=489mV | Temp=22.9C
DATA,479,7.893,1.1975,1486,-0.924,489.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
481s | pH=7.89 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.1975 ADC=1486 |
EC=-0.81mS/cm | MFC=412mV | Temp=22.9C
DATA,481,7.893,1.1975,1486,-0.813,411.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

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========================================
======= TANK 1 DOSING CYCLE ===========
========================================
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01110
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE  (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 8
========================================
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489s | pH=7.76 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2168 ADC=1510 | EC=-0.98mS/cm | MFC=309mV | Temp=22.9C
DATA,489,7.763,1.2168,1510,-0.983,308.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
491s | pH=7.86 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2032 ADC=1493 | EC=-0.98mS/cm | MFC=309mV | Temp=22.9C
DATA,491,7.855,1.2032,1493,-0.977,308.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
493s | pH=7.84 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2056 ADC=1496 | EC=-0.98mS/cm | MFC=300mV | Temp=22.9C
DATA,493,7.839,1.2056,1496,-0.977,299.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
495s | pH=7.84 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2048 ADC=1495 | EC=-1.02mS/cm | MFC=309mV | Temp=22.9C
DATA,495,7.844,1.2048,1495,-1.018,308.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
497s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2080 ADC=1499 | EC=-0.99mS/cm | MFC=306mV | Temp=22.9C
DATA,497,7.822,1.2080,1499,-0.989,306.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
499s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2072 ADC=1498 | EC=-0.74mS/cm | MFC=322mV | Temp=22.9C
DATA,499,7.828,1.2072,1498,-0.737,321.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
501s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2064 ADC=1497 | EC=-1.02mS/cm | MFC=309mV | Temp=22.9C
DATA,501,7.833,1.2064,1497,-1.018,308.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
503s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2072 ADC=1498 | EC=-0.93mS/cm | MFC=326mV | Temp=22.9C
DATA,503,7.828,1.2072,1498,-0.930,325.6,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
505s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.11mS/cm | MFC=334mV | Temp=22.9C
DATA,505,7.817,1.2088,1500,-1.111,334.4,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
507s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2072 ADC=1498 | EC=-1.05mS/cm | MFC=334mV | Temp=22.9C
DATA,507,7.828,1.2072,1498,-1.047,334.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
509s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.12mS/cm | MFC=360mV | Temp=22.9C

DATA,509,7.801,1.2112,1503,-1.117,360.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

511s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2080 ADC=1499 | EC=-1.11mS/cm | MFC=360mV | Temp=22.9C

DATA,511,7.822,1.2080,1499,-1.111,360.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

513s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.11mS/cm | MFC=398mV | Temp=22.9C

DATA,513,7.817,1.2088,1500,-1.111,398.1,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

515s | pH=7.84 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2056 ADC=1496 | EC=-1.11mS/cm | MFC=396mV | Temp=22.9C

DATA,515,7.839,1.2056,1496,-1.111,395.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

517s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2096 ADC=1501 | EC=-1.04mS/cm | MFC=450mV | Temp=22.9C

DATA,517,7.812,1.2096,1501,-1.041,450.5,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

519s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2072 ADC=1498 | EC=-1.11mS/cm | MFC=409mV | Temp=22.9C

DATA,519,7.828,1.2072,1498,-1.111,409.4,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

521s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.11mS/cm | MFC=412mV | Temp=22.9C

DATA,521,7.817,1.2088,1500,-1.111,411.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

523s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2080 ADC=1499 | EC=-1.11mS/cm | MFC=412mV | Temp=22.9C

DATA,523,7.822,1.2080,1499,-1.111,411.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

525s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.06mS/cm | MFC=475mV | Temp=22.9C

DATA,525,7.801,1.2112,1503,-1.065,474.7,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

527s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2064 ADC=1497 | EC=-1.19mS/cm | MFC=463mV | Temp=22.9C

DATA,527,7.833,1.2064,1497,-1.187,463.4,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

529s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.16mS/cm | MFC=476mV | Temp=22.9C

DATA,529,7.817,1.2088,1500,-1.158,476.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

531s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.12mS/cm | MFC=515mV | Temp=22.9C

DATA,531,7.790,1.2128,1505,-1.117,514.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
533s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 |
EC=-1.16mS/cm | MFC=540mV | Temp=22.9C
DATA,533,7.790,1.2128,1505,-1.158,539.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
535s | pH=7.84 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2048 ADC=1495 |
EC=-1.11mS/cm | MFC=563mV | Temp=22.9C
DATA,535,7.844,1.2048,1495,-1.111,563.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
537s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2080 ADC=1499 |
EC=-1.11mS/cm | MFC=592mV | Temp=22.9C
DATA,537,7.822,1.2080,1499,-1.111,591.5,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
539s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2064 ADC=1497 |
EC=-0.98mS/cm | MFC=659mV | Temp=22.9C
DATA,539,7.833,1.2064,1497,-0.977,659.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
541s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 |
EC=-1.06mS/cm | MFC=654mV | Temp=22.9C
DATA,541,7.795,1.2120,1504,-1.065,654.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.00666
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 9
==

549s | pH=7.66 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2322 ADC=1529 |
EC=-0.80mS/cm | MFC=1103mV | Temp=22.9C
DATA,549,7.659,1.2322,1529,-0.802,1103.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
551s | pH=7.86 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2032 ADC=1493 |
EC=-1.06mS/cm | MFC=1113mV | Temp=22.9C

DATA,551,7.855,1.2032,1493,-1.065,1112.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
553s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2080 ADC=1499 | EC=-1.04mS/cm | MFC=1128mV | Temp=22.9C
DATA,553,7.822,1.2080,1499,-1.041,1128.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
555s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-1.03mS/cm | MFC=1134mV | Temp=22.9C
DATA,555,7.795,1.2120,1504,-1.030,1133.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
557s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.02mS/cm | MFC=1140mV | Temp=22.9C
DATA,557,7.801,1.2112,1503,-1.018,1140.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
559s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.02mS/cm | MFC=1139mV | Temp=22.9C
DATA,559,7.817,1.2088,1500,-1.018,1139.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
561s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-0.97mS/cm | MFC=1126mV | Temp=22.9C
DATA,561,7.795,1.2120,1504,-0.971,1125.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
563s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.04mS/cm | MFC=1123mV | Temp=22.9C
DATA,563,7.790,1.2128,1505,-1.041,1123.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
565s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-1.30mS/cm | MFC=1150mV | Temp=22.9C
DATA,565,7.795,1.2120,1504,-1.298,1150.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
567s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2096 ADC=1501 | EC=-1.06mS/cm | MFC=1124mV | Temp=22.9C
DATA,567,7.812,1.2096,1501,-1.065,1124.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
569s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.06mS/cm | MFC=1162mV | Temp=22.9C
DATA,569,7.801,1.2112,1503,-1.065,1162.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
571s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-1.02mS/cm | MFC=1126mV | Temp=22.9C
DATA,571,7.795,1.2120,1504,-1.018,1125.8,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
573s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-0.99mS/cm | MFC=1134mV | Temp=22.9C

DATA,573,7.790,1.2128,1505,-0.994,1133.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

575s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2096 ADC=1501 | EC=-1.05mS/cm | MFC=1153mV | Temp=22.9C

DATA,575,7.812,1.2096,1501,-1.047,1153.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

577s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2096 ADC=1501 | EC=-1.11mS/cm | MFC=1180mV | Temp=22.9C

DATA,577,7.812,1.2096,1501,-1.111,1179.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

579s | pH=7.83 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2072 ADC=1498 | EC=-0.74mS/cm | MFC=1153mV | Temp=22.9C

DATA,579,7.828,1.2072,1498,-0.737,1153.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

581s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-1.06mS/cm | MFC=1163mV | Temp=22.9C

DATA,581,7.795,1.2120,1504,-1.065,1162.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

583s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-0.95mS/cm | MFC=1196mV | Temp=22.9C

DATA,583,7.790,1.2128,1505,-0.948,1195.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

585s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2096 ADC=1501 | EC=-0.92mS/cm | MFC=1174mV | Temp=22.9C

DATA,585,7.812,1.2096,1501,-0.924,1174.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

587s | pH=7.82 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2088 ADC=1500 | EC=-1.02mS/cm | MFC=1171mV | Temp=22.9C

DATA,587,7.817,1.2088,1500,-1.018,1170.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

589s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.11mS/cm | MFC=1172mV | Temp=22.9C

DATA,589,7.801,1.2112,1503,-1.111,1171.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

591s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2112 ADC=1503 | EC=-1.11mS/cm | MFC=1173mV | Temp=22.9C

DATA,591,7.801,1.2112,1503,-1.111,1172.5,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

593s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2144 ADC=1507 | EC=-1.11mS/cm | MFC=1144mV | Temp=22.9C

DATA,593,7.779,1.2144,1507,-1.111,1143.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

595s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.11mS/cm | MFC=1178mV | Temp=22.9C

DATA,595,7.790,1.2128,1505,-1.111,1178.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
597s | pH=7.81 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2104 ADC=1502 | EC=-1.03mS/cm | MFC=1181mV | Temp=22.9C
DATA,597,7.806,1.2104,1502,-1.030,1180.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
599s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.11mS/cm | MFC=1179mV | Temp=22.9C
DATA,599,7.790,1.2128,1505,-1.111,1179.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
601s | pH=7.80 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2120 ADC=1504 | EC=-1.11mS/cm | MFC=1171mV | Temp=22.9C
DATA,601,7.795,1.2120,1504,-1.111,1170.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01026
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE  (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 10
========================================
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609s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.11mS/cm | MFC=1099mV | Temp=22.9C
DATA,609,7.687,1.2281,1524,-1.111,1099.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
611s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.04mS/cm | MFC=1081mV | Temp=22.9C
DATA,611,7.790,1.2128,1505,-1.041,1080.7,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
613s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2160 ADC=1509 | EC=-1.23mS/cm | MFC=1088mV | Temp=22.9C
DATA,613,7.768,1.2160,1509,-1.228,1087.9,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
615s | pH=7.75 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2185 ADC=1512 | EC=-1.16mS/cm | MFC=1076mV | Temp=22.9C

DATA,615,7.752,1.2185,1512,-1.158,1075.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

617s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2160 ADC=1509 | EC=-0.98mS/cm | MFC=1056mV | Temp=22.9C
DATA,617,7.768,1.2160,1509,-0.977,1055.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

619s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2144 ADC=1507 | EC=-1.21mS/cm | MFC=1054mV | Temp=22.9C
DATA,619,7.779,1.2144,1507,-1.211,1054.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

621s | pH=7.76 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2168 ADC=1510 | EC=-1.02mS/cm | MFC=1062mV | Temp=22.9C
DATA,621,7.763,1.2168,1510,-1.018,1062.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

623s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2160 ADC=1509 | EC=-1.18mS/cm | MFC=1052mV | Temp=22.9C
DATA,623,7.768,1.2160,1509,-1.176,1052.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

625s | pH=7.75 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2185 ADC=1512 | EC=-1.06mS/cm | MFC=1056mV | Temp=22.9C
DATA,625,7.752,1.2185,1512,-1.065,1056.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

627s | pH=7.75 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2193 ADC=1513 | EC=-1.20mS/cm | MFC=1044mV | Temp=22.9C
DATA,627,7.746,1.2193,1513,-1.205,1043.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

629s | pH=7.76 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2177 ADC=1511 | EC=-1.11mS/cm | MFC=1050mV | Temp=22.9C
DATA,629,7.757,1.2177,1511,-1.111,1050.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

631s | pH=7.75 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2193 ADC=1513 | EC=-1.11mS/cm | MFC=1066mV | Temp=22.9C
DATA,631,7.746,1.2193,1513,-1.111,1066.2,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

633s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2160 ADC=1509 | EC=-1.18mS/cm | MFC=1011mV | Temp=22.9C
DATA,633,7.768,1.2160,1509,-1.176,1010.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

635s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2144 ADC=1507 | EC=-1.18mS/cm | MFC=1018mV | Temp=22.9C
DATA,635,7.779,1.2144,1507,-1.182,1017.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

637s | pH=7.76 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2177 ADC=1511 | EC=-1.06mS/cm | MFC=1020mV | Temp=22.9C

DATA,637,7.757,1.2177,1511,-1.065,1020.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

639s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2152 ADC=1508 | EC=-1.06mS/cm | MFC=1003mV | Temp=22.9C

DATA,639,7.774,1.2152,1508,-1.065,1003.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

641s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2152 ADC=1508 | EC=-1.11mS/cm | MFC=985mV | Temp=22.9C

DATA,641,7.774,1.2152,1508,-1.111,984.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

643s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2152 ADC=1508 | EC=-1.11mS/cm | MFC=927mV | Temp=22.9C

DATA,643,7.774,1.2152,1508,-1.111,926.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

645s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2152 ADC=1508 | EC=-1.11mS/cm | MFC=902mV | Temp=22.9C

DATA,645,7.774,1.2152,1508,-1.111,901.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

647s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 | EC=-1.06mS/cm | MFC=885mV | Temp=22.9C

DATA,647,7.784,1.2136,1506,-1.065,884.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

649s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 | EC=-1.04mS/cm | MFC=865mV | Temp=22.9C

DATA,649,7.784,1.2136,1506,-1.041,864.7,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

651s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 | EC=-1.03mS/cm | MFC=850mV | Temp=22.9C

DATA,651,7.784,1.2136,1506,-1.030,850.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

653s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 | EC=-1.11mS/cm | MFC=824mV | Temp=22.9C

DATA,653,7.784,1.2136,1506,-1.111,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

655s | pH=7.79 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2128 ADC=1505 | EC=-1.11mS/cm | MFC=824mV | Temp=22.9C

DATA,655,7.790,1.2128,1505,-1.111,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

657s | pH=7.77 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2152 ADC=1508 | EC=-1.11mS/cm | MFC=812mV | Temp=22.9C

DATA,657,7.774,1.2152,1508,-1.111,811.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

659s | pH=7.78 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2136 ADC=1506 | EC=-1.04mS/cm | MFC=789mV | Temp=22.9C

DATA,659,7.784,1.2136,1506,-1.041,788.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
661s | pH=7.76 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2177 ADC=1511 |
EC=-1.06mS/cm | MFC=764mV | Temp=22.9C
DATA,661,7.757,1.2177,1511,-1.065,764.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.00884
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 11
==

669s | pH=7.64 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2346 ADC=1532 |
EC=-1.11mS/cm | MFC=764mV | Temp=22.9C
DATA,669,7.643,1.2346,1532,-1.111,764.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
671s | pH=7.74 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2209 ADC=1515 |
EC=-1.03mS/cm | MFC=746mV | Temp=22.9C
DATA,671,7.735,1.2209,1515,-1.030,746.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
673s | pH=7.74 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2209 ADC=1515 |
EC=-1.11mS/cm | MFC=688mV | Temp=22.9C
DATA,673,7.735,1.2209,1515,-1.111,688.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
675s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2241 ADC=1519 |
EC=-1.02mS/cm | MFC=685mV | Temp=22.9C
DATA,675,7.714,1.2241,1519,-1.018,685.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
677s | pH=7.70 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2257 ADC=1521 |
EC=-1.06mS/cm | MFC=718mV | Temp=22.9C
DATA,677,7.703,1.2257,1521,-1.065,718.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
679s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 |
EC=-1.03mS/cm | MFC=670mV | Temp=22.9C

DATA,679,7.719,1.2233,1518,-1.030,669.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

681s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 | EC=-1.06mS/cm | MFC=693mV | Temp=22.9C

DATA,681,7.719,1.2233,1518,-1.065,693.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

683s | pH=7.74 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2209 ADC=1515 | EC=-1.11mS/cm | MFC=678mV | Temp=22.9C

DATA,683,7.735,1.2209,1515,-1.111,677.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

685s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2241 ADC=1519 | EC=-1.06mS/cm | MFC=679mV | Temp=22.9C

DATA,685,7.714,1.2241,1519,-1.065,679.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

687s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2241 ADC=1519 | EC=-1.06mS/cm | MFC=734mV | Temp=22.9C

DATA,687,7.714,1.2241,1519,-1.065,734.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

689s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2249 ADC=1520 | EC=-1.11mS/cm | MFC=702mV | Temp=22.9C

DATA,689,7.708,1.2249,1520,-1.111,701.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

691s | pH=7.73 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2217 ADC=1516 | EC=-1.11mS/cm | MFC=708mV | Temp=22.9C

DATA,691,7.730,1.2217,1516,-1.111,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

693s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 | EC=-1.11mS/cm | MFC=734mV | Temp=22.9C

DATA,693,7.719,1.2233,1518,-1.111,734.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

695s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2241 ADC=1519 | EC=-1.03mS/cm | MFC=708mV | Temp=22.9C

DATA,695,7.714,1.2241,1519,-1.030,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

697s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2249 ADC=1520 | EC=-1.06mS/cm | MFC=708mV | Temp=22.9C

DATA,697,7.708,1.2249,1520,-1.065,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

699s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2249 ADC=1520 | EC=-1.11mS/cm | MFC=762mV | Temp=22.9C

DATA,699,7.708,1.2249,1520,-1.111,761.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

701s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2241 ADC=1519 | EC=-1.04mS/cm | MFC=718mV | Temp=22.9C

DATA,701,7.714,1.2241,1519,-1.035,718.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

703s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 |
EC=-1.13mS/cm | MFC=719mV | Temp=22.9C

DATA,703,7.719,1.2233,1518,-1.135,718.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

705s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2249 ADC=1520 |
EC=-1.11mS/cm | MFC=708mV | Temp=22.9C

DATA,705,7.708,1.2249,1520,-1.111,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

707s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2225 ADC=1517 |
EC=-1.13mS/cm | MFC=708mV | Temp=22.9C

DATA,707,7.725,1.2225,1517,-1.135,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

709s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 |
EC=-1.11mS/cm | MFC=716mV | Temp=22.9C

DATA,709,7.719,1.2233,1518,-1.111,715.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

711s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 |
EC=-1.11mS/cm | MFC=711mV | Temp=22.9C

DATA,711,7.676,1.2297,1526,-1.111,710.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

713s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2225 ADC=1517 |
EC=-1.11mS/cm | MFC=715mV | Temp=22.9C

DATA,713,7.725,1.2225,1517,-1.111,714.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

715s | pH=7.70 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2257 ADC=1521 |
EC=-1.11mS/cm | MFC=708mV | Temp=22.9C

DATA,715,7.703,1.2257,1521,-1.111,708.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

717s | pH=7.70 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2257 ADC=1521 |
EC=-1.11mS/cm | MFC=728mV | Temp=22.9C

DATA,717,7.703,1.2257,1521,-1.111,727.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

719s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 |
EC=-1.13mS/cm | MFC=768mV | Temp=22.9C

DATA,719,7.719,1.2233,1518,-1.129,768.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000

721s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2233 ADC=1518 |
EC=-1.11mS/cm | MFC=718mV | Temp=22.9C

DATA,721,7.719,1.2233,1518,-1.111,718.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000

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======= TANK 1 DOSING CYCLE ============
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.00978
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 12
==

729s | pH=7.59 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2426 ADC=1542 |
EC=-1.06mS/cm | MFC=773mV | Temp=22.9C
DATA,729,7.589,1.2426,1542,-1.065,772.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
731s | pH=7.72 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2225 ADC=1517 |
EC=-1.11mS/cm | MFC=758mV | Temp=22.9C
DATA,731,7.725,1.2225,1517,-1.111,757.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
733s | pH=7.70 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2265 ADC=1522 |
EC=-1.04mS/cm | MFC=757mV | Temp=22.9C
DATA,733,7.697,1.2265,1522,-1.041,756.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
735s | pH=7.67 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2305 ADC=1527 |
EC=-1.04mS/cm | MFC=799mV | Temp=22.9C
DATA,735,7.670,1.2305,1527,-1.041,798.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
737s | pH=7.67 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2305 ADC=1527 |
EC=-1.11mS/cm | MFC=759mV | Temp=22.9C
DATA,737,7.670,1.2305,1527,-1.111,759.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
739s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2289 ADC=1525 |
EC=-1.11mS/cm | MFC=764mV | Temp=22.9C
DATA,739,7.681,1.2289,1525,-1.111,764.0,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
741s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 |
EC=-0.92mS/cm | MFC=764mV | Temp=22.9C
DATA,741,7.676,1.2297,1526,-0.924,764.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
743s | pH=7.66 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2314 ADC=1528 |
EC=-1.04mS/cm | MFC=805mV | Temp=22.9C

DATA,743,7.665,1.2314,1528,-1.035,805.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

745s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 | EC=-0.80mS/cm | MFC=757mV | Temp=22.9C

DATA,745,7.676,1.2297,1526,-0.802,756.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

747s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.11mS/cm | MFC=762mV | Temp=22.9C

DATA,747,7.687,1.2281,1524,-1.111,762.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

749s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2289 ADC=1525 | EC=-1.12mS/cm | MFC=753mV | Temp=22.9C

DATA,749,7.681,1.2289,1525,-1.117,752.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

751s | pH=7.67 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2305 ADC=1527 | EC=-1.11mS/cm | MFC=794mV | Temp=22.9C

DATA,751,7.670,1.2305,1527,-1.111,793.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

753s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 | EC=-1.11mS/cm | MFC=799mV | Temp=22.9C

DATA,753,7.676,1.2297,1526,-1.111,798.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

755s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.11mS/cm | MFC=762mV | Temp=22.9C

DATA,755,7.687,1.2281,1524,-1.111,762.3,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

757s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 | EC=-1.11mS/cm | MFC=756mV | Temp=22.9C

DATA,757,7.676,1.2297,1526,-1.111,755.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

759s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.11mS/cm | MFC=770mV | Temp=22.9C

DATA,759,7.687,1.2281,1524,-1.111,770.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

761s | pH=7.66 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2314 ADC=1528 | EC=-0.97mS/cm | MFC=782mV | Temp=22.9C

DATA,761,7.665,1.2314,1528,-0.971,781.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

763s | pH=7.67 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2305 ADC=1527 | EC=-1.11mS/cm | MFC=796mV | Temp=22.9C

DATA,763,7.670,1.2305,1527,-1.111,796.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

765s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 | EC=-1.11mS/cm | MFC=786mV | Temp=22.9C

DATA,765,7.676,1.2297,1526,-1.111,785.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

767s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.11mS/cm | MFC=824mV | Temp=22.9C
DATA,767,7.687,1.2281,1524,-1.111,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

769s | pH=7.69 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2281 ADC=1524 | EC=-1.06mS/cm | MFC=824mV | Temp=22.9C
DATA,769,7.687,1.2281,1524,-1.065,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

771s | pH=7.66 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2322 ADC=1529 | EC=-1.11mS/cm | MFC=861mV | Temp=22.9C
DATA,771,7.659,1.2322,1529,-1.111,861.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

773s | pH=7.71 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2249 ADC=1520 | EC=-1.12mS/cm | MFC=872mV | Temp=22.9C
DATA,773,7.708,1.2249,1520,-1.117,871.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

775s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2289 ADC=1525 | EC=-1.11mS/cm | MFC=882mV | Temp=22.9C
DATA,775,7.681,1.2289,1525,-1.111,882.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

777s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2289 ADC=1525 | EC=-1.06mS/cm | MFC=882mV | Temp=22.9C
DATA,777,7.681,1.2289,1525,-1.065,882.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

779s | pH=7.67 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2305 ADC=1527 | EC=-1.11mS/cm | MFC=876mV | Temp=22.9C
DATA,779,7.670,1.2305,1527,-1.111,876.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

781s | pH=7.64 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2346 ADC=1532 | EC=-1.11mS/cm | MFC=876mV | Temp=22.9C
DATA,781,7.643,1.2346,1532,-1.111,876.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

```
==========================================
======= TANK 1 DOSING CYCLE ============
==========================================
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01079
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE  (D2): 4.861 mL (6659 ms)
```

SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 13
=======================================

789s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2475 ADC=1548 |
EC=-1.11mS/cm | MFC=897mV | Temp=22.9C
DATA,789,7.556,1.2475,1548,-1.111,896.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0
.0000
791s | pH=7.68 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2297 ADC=1526 |
EC=-1.16mS/cm | MFC=900mV | Temp=22.9C
DATA,791,7.676,1.2297,1526,-1.164,900.1,22.87,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
793s | pH=7.65 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2330 ADC=1530 |
EC=-1.16mS/cm | MFC=871mV | Temp=22.9C
DATA,793,7.654,1.2330,1530,-1.158,871.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
795s | pH=7.65 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2338 ADC=1531 |
EC=-1.16mS/cm | MFC=865mV | Temp=22.9C
DATA,795,7.648,1.2338,1531,-1.158,864.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
797s | pH=7.59 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2426 ADC=1542 |
EC=-1.16mS/cm | MFC=850mV | Temp=22.9C
DATA,797,7.589,1.2426,1542,-1.158,850.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
799s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2362 ADC=1534 |
EC=-1.13mS/cm | MFC=854mV | Temp=22.9C
DATA,799,7.632,1.2362,1534,-1.135,854.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
801s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2362 ADC=1534 |
EC=-1.17mS/cm | MFC=824mV | Temp=22.9C
DATA,801,7.632,1.2362,1534,-1.170,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
803s | pH=7.60 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2410 ADC=1540 |
EC=-1.20mS/cm | MFC=845mV | Temp=22.9C
DATA,803,7.600,1.2410,1540,-1.205,844.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
805s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2370 ADC=1535 |
EC=-1.23mS/cm | MFC=844mV | Temp=22.9C
DATA,805,7.627,1.2370,1535,-1.228,843.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
807s | pH=7.61 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2394 ADC=1538 |
EC=-1.18mS/cm | MFC=824mV | Temp=22.9C

DATA,807,7.610,1.2394,1538,-1.176,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

809s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2370 ADC=1535 | EC=-1.25mS/cm | MFC=824mV | Temp=22.9C

DATA,809,7.627,1.2370,1535,-1.252,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

811s | pH=7.60 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2410 ADC=1540 | EC=-1.16mS/cm | MFC=824mV | Temp=22.9C

DATA,811,7.600,1.2410,1540,-1.158,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

813s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2362 ADC=1534 | EC=-1.20mS/cm | MFC=824mV | Temp=22.9C

DATA,813,7.632,1.2362,1534,-1.205,824.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

815s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2386 ADC=1537 | EC=-1.20mS/cm | MFC=862mV | Temp=22.9C

DATA,815,7.616,1.2386,1537,-1.205,862.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

817s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2378 ADC=1536 | EC=-1.21mS/cm | MFC=863mV | Temp=22.9C

DATA,817,7.621,1.2378,1536,-1.211,863.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

819s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2386 ADC=1537 | EC=-1.22mS/cm | MFC=924mV | Temp=22.9C

DATA,819,7.616,1.2386,1537,-1.217,923.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

821s | pH=7.61 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2394 ADC=1538 | EC=-1.23mS/cm | MFC=920mV | Temp=22.9C

DATA,821,7.610,1.2394,1538,-1.228,920.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

823s | pH=7.64 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2346 ADC=1532 | EC=-1.13mS/cm | MFC=995mV | Temp=22.9C

DATA,823,7.643,1.2346,1532,-1.135,995.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

825s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2386 ADC=1537 | EC=-1.11mS/cm | MFC=1019mV | Temp=22.9C

DATA,825,7.616,1.2386,1537,-1.111,1019.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

827s | pH=7.60 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2410 ADC=1540 | EC=-1.25mS/cm | MFC=1031mV | Temp=22.9C

DATA,827,7.600,1.2410,1540,-1.252,1030.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611 ,0.0000

829s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2370 ADC=1535 | EC=-1.32mS/cm | MFC=1061mV | Temp=22.9C

DATA,829,7.627,1.2370,1535,-1.322,1061.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

831s | pH=7.64 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2346 ADC=1532 | EC=-1.13mS/cm | MFC=1082mV | Temp=22.9C

DATA,831,7.643,1.2346,1532,-1.135,1082.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

833s | pH=7.63 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2370 ADC=1535 | EC=-1.22mS/cm | MFC=1105mV | Temp=22.9C

DATA,833,7.627,1.2370,1535,-1.217,1104.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

835s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2386 ADC=1537 | EC=-1.49mS/cm | MFC=1149mV | Temp=22.9C

DATA,835,7.616,1.2386,1537,-1.485,1149.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

837s | pH=7.58 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2434 ADC=1543 | EC=-1.23mS/cm | MFC=1181mV | Temp=22.9C

DATA,837,7.583,1.2434,1543,-1.234,1181.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

839s | pH=7.64 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2346 ADC=1532 | EC=-1.25mS/cm | MFC=1179mV | Temp=22.9C

DATA,839,7.643,1.2346,1532,-1.252,1179.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

841s | pH=7.62 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2386 ADC=1537 | EC=-1.25mS/cm | MFC=1173mV | Temp=22.9C

DATA,841,7.616,1.2386,1537,-1.252,1172.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.00916
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 14
==

849s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.20mS/cm | MFC=1188mV | Temp=22.9C

DATA,849,7.480,1.2588,1562,-1.205,1187.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

851s | pH=7.60 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2402 ADC=1539 | EC=-1.26mS/cm | MFC=1165mV | Temp=22.9C
DATA,851,7.605,1.2402,1539,-1.257,1165.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

853s | pH=7.58 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2442 ADC=1544 | EC=-1.24mS/cm | MFC=850mV | Temp=22.9C
DATA,853,7.578,1.2442,1544,-1.240,850.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

855s | pH=7.59 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2426 ADC=1542 | EC=-1.21mS/cm | MFC=550mV | Temp=22.9C
DATA,855,7.589,1.2426,1542,-1.211,550.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

857s | pH=7.59 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2418 ADC=1541 | EC=-1.23mS/cm | MFC=408mV | Temp=22.9C
DATA,857,7.594,1.2418,1541,-1.234,407.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

859s | pH=7.58 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2442 ADC=1544 | EC=-1.22mS/cm | MFC=295mV | Temp=22.9C
DATA,859,7.578,1.2442,1544,-1.217,294.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

861s | pH=7.59 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2418 ADC=1541 | EC=-1.25mS/cm | MFC=193mV | Temp=22.9C
DATA,861,7.594,1.2418,1541,-1.252,192.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

863s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.32mS/cm | MFC=83mV | Temp=22.9C
DATA,863,7.529,1.2515,1553,-1.316,83.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

865s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2475 ADC=1548 | EC=-1.06mS/cm | MFC=44mV | Temp=22.9C
DATA,865,7.556,1.2475,1548,-1.065,44.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

867s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-1.25mS/cm | MFC=38mV | Temp=22.9C
DATA,867,7.540,1.2499,1551,-1.252,37.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

869s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-1.22mS/cm | MFC=331mV | Temp=22.9C
DATA,869,7.540,1.2499,1551,-1.217,331.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

871s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-1.25mS/cm | MFC=647mV | Temp=22.9C

DATA,871,7.540,1.2499,1551,-1.252,647.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

873s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2475 ADC=1548 | EC=-1.21mS/cm | MFC=753mV | Temp=22.9C

DATA,873,7.556,1.2475,1548,-1.211,753.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

875s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2507 ADC=1552 | EC=-1.21mS/cm | MFC=895mV | Temp=22.9C

DATA,875,7.534,1.2507,1552,-1.211,895.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

877s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2507 ADC=1552 | EC=-1.16mS/cm | MFC=1056mV | Temp=22.9C

DATA,877,7.534,1.2507,1552,-1.158,1055.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611 ,0.0000

879s | pH=7.55 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2483 ADC=1549 | EC=-1.18mS/cm | MFC=1160mV | Temp=22.9C

DATA,879,7.551,1.2483,1549,-1.182,1159.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611 ,0.0000

881s | pH=7.55 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2491 ADC=1550 | EC=-1.24mS/cm | MFC=1181mV | Temp=22.9C

DATA,881,7.545,1.2491,1550,-1.240,1180.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611 ,0.0000

883s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2475 ADC=1548 | EC=-1.23mS/cm | MFC=1053mV | Temp=22.9C

DATA,883,7.556,1.2475,1548,-1.228,1053.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611 ,0.0000

885s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.20mS/cm | MFC=567mV | Temp=22.9C

DATA,885,7.518,1.2531,1555,-1.205,566.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

887s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2475 ADC=1548 | EC=-0.98mS/cm | MFC=412mV | Temp=22.9C

DATA,887,7.556,1.2475,1548,-0.977,411.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

889s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2467 ADC=1547 | EC=-1.26mS/cm | MFC=301mV | Temp=22.9C

DATA,889,7.562,1.2467,1547,-1.257,300.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

891s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.23mS/cm | MFC=154mV | Temp=22.9C

DATA,891,7.518,1.2531,1555,-1.234,153.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

893s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2507 ADC=1552 | EC=-1.39mS/cm | MFC=89mV | Temp=22.9C

DATA,893,7.534,1.2507,1552,-1.392,89.5,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

895s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-1.13mS/cm | MFC=48mV | Temp=22.9C
DATA,895,7.540,1.2499,1551,-1.135,48.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

897s | pH=7.57 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2451 ADC=1545 | EC=-1.25mS/cm | MFC=44mV | Temp=22.9C
DATA,897,7.572,1.2451,1545,-1.252,44.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

899s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-0.95mS/cm | MFC=326mV | Temp=22.9C
DATA,899,7.540,1.2499,1551,-0.948,325.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

901s | pH=7.56 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2467 ADC=1547 | EC=-1.23mS/cm | MFC=631mV | Temp=22.9C
DATA,901,7.562,1.2467,1547,-1.228,631.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05000 wine=-0.01176
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 15
==

909s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.23mS/cm | MFC=964mV | Temp=22.9C
DATA,909,7.415,1.2684,1574,-1.228,963.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

911s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-1.32mS/cm | MFC=534mV | Temp=22.9C
DATA,911,7.540,1.2499,1551,-1.322,534.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

913s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.20mS/cm | MFC=399mV | Temp=22.9C
DATA,913,7.529,1.2515,1553,-1.205,398.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

915s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 | EC=-1.06mS/cm | MFC=266mV | Temp=22.9C
DATA,915,7.523,1.2523,1554,-1.065,265.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
917s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.11mS/cm | MFC=115mV | Temp=22.9C
DATA,917,7.513,1.2539,1556,-1.111,115.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
919s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.20mS/cm | MFC=74mV | Temp=22.9C
DATA,919,7.513,1.2539,1556,-1.205,74.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
921s | pH=7.54 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2499 ADC=1551 | EC=-0.99mS/cm | MFC=51mV | Temp=22.9C
DATA,921,7.540,1.2499,1551,-0.989,50.8,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
923s | pH=7.55 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2483 ADC=1549 | EC=-0.94mS/cm | MFC=102mV | Temp=22.9C
DATA,923,7.551,1.2483,1549,-0.942,102.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
925s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.25mS/cm | MFC=396mV | Temp=22.9C
DATA,925,7.513,1.2539,1556,-1.252,395.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
927s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.06mS/cm | MFC=666mV | Temp=22.9C
DATA,927,7.491,1.2571,1560,-1.065,665.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
929s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.23mS/cm | MFC=755mV | Temp=22.9C
DATA,929,7.491,1.2571,1560,-1.228,755.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
931s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.11mS/cm | MFC=849mV | Temp=22.9C
DATA,931,7.475,1.2596,1563,-1.111,848.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
933s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2507 ADC=1552 | EC=-1.30mS/cm | MFC=998mV | Temp=22.9C
DATA,933,7.534,1.2507,1552,-1.298,997.7,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
935s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.23mS/cm | MFC=1072mV | Temp=22.9C
DATA,935,7.458,1.2620,1566,-1.228,1071.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
937s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.27mS/cm | MFC=1171mV | Temp=22.9C

DATA,937,7.513,1.2539,1556,-1.269,1170.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

939s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-0.97mS/cm | MFC=1170mV | Temp=22.9C

DATA,939,7.491,1.2571,1560,-0.971,1170.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

941s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.20mS/cm | MFC=1127mV | Temp=22.9C

DATA,941,7.496,1.2563,1559,-1.205,1126.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

943s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.25mS/cm | MFC=762mV | Temp=22.9C

DATA,943,7.513,1.2539,1556,-1.252,762.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

945s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.18mS/cm | MFC=534mV | Temp=22.9C

DATA,945,7.491,1.2571,1560,-1.176,534.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

947s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.22mS/cm | MFC=412mV | Temp=22.9C

DATA,947,7.480,1.2588,1562,-1.217,411.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

949s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.22mS/cm | MFC=309mV | Temp=22.9C

DATA,949,7.507,1.2547,1557,-1.222,308.6,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

951s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.23mS/cm | MFC=257mV | Temp=22.9C

DATA,951,7.491,1.2571,1560,-1.234,257.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

953s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.20mS/cm | MFC=128mV | Temp=22.9C

DATA,953,7.485,1.2579,1561,-1.205,128.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

955s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.16mS/cm | MFC=77mV | Temp=22.9C

DATA,955,7.464,1.2612,1565,-1.164,76.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

957s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.25mS/cm | MFC=73mV | Temp=22.9C

DATA,957,7.469,1.2604,1564,-1.252,73.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

959s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.30mS/cm | MFC=50mV | Temp=22.9C

DATA,959,7.518,1.2531,1555,-1.298,50.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

961s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.25mS/cm | MFC=44mV | Temp=22.9C

DATA,961,7.502,1.2555,1558,-1.252,44.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05000 wine=-0.01063
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 16
========================================
```

964s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.20mS/cm | MFC=405mV | Temp=22.9C
DATA,964,7.382,1.2733,1580,-1.205,405.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
966s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 | EC=-1.25mS/cm | MFC=360mV | Temp=22.9C
DATA,966,7.523,1.2523,1554,-1.252,360.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
968s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-0.92mS/cm | MFC=347mV | Temp=22.9C
DATA,968,7.513,1.2539,1556,-0.924,347.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
970s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.23mS/cm | MFC=293mV | Temp=22.9C
DATA,970,7.529,1.2515,1553,-1.228,293.3,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
972s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.26mS/cm | MFC=253mV | Temp=22.9C
DATA,972,7.502,1.2555,1558,-1.257,253.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
974s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.21mS/cm | MFC=237mV | Temp=22.9C
DATA,974,7.502,1.2555,1558,-1.211,236.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
976s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.23mS/cm | MFC=230mV | Temp=22.9C
DATA,976,7.475,1.2596,1563,-1.228,229.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
978s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.23mS/cm | MFC=198mV | Temp=22.9C

DATA,978,7.507,1.2547,1557,-1.228,198.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

980s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.16mS/cm | MFC=166mV | Temp=22.9C

DATA,980,7.502,1.2555,1558,-1.164,166.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

982s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.26mS/cm | MFC=128mV | Temp=22.9C

DATA,982,7.502,1.2555,1558,-1.263,128.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

984s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.11mS/cm | MFC=102mV | Temp=22.9C

DATA,984,7.485,1.2579,1561,-1.111,101.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

986s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.19mS/cm | MFC=102mV | Temp=22.9C

DATA,986,7.480,1.2588,1562,-1.187,102.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

988s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.20mS/cm | MFC=77mV | Temp=22.9C

DATA,988,7.485,1.2579,1561,-1.205,76.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

990s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.30mS/cm | MFC=70mV | Temp=22.9C

DATA,990,7.502,1.2555,1558,-1.298,70.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0. 0000

992s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.30mS/cm | MFC=92mV | Temp=22.9C

DATA,992,7.518,1.2531,1555,-1.298,91.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0. 0000

994s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.26mS/cm | MFC=48mV | Temp=22.9C

DATA,994,7.480,1.2588,1562,-1.263,47.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

996s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.18mS/cm | MFC=49mV | Temp=22.9C

DATA,996,7.502,1.2555,1558,-1.182,49.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0. 0000

998s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.18mS/cm | MFC=31mV | Temp=22.9C

DATA,998,7.529,1.2515,1553,-1.182,31.4,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0. 0000

1000s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.30mS/cm | MFC=25mV | Temp=22.9C

DATA,1000,7.513,1.2539,1556,-1.298,25.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611, 0.0000

1002s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 | EC=-1.25mS/cm | MFC=42mV | Temp=22.9C

DATA,1002,7.523,1.2523,1554,-1.252,41.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1004s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2507 ADC=1552 | EC=-1.23mS/cm | MFC=86mV | Temp=22.9C
DATA,1004,7.534,1.2507,1552,-1.228,86.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1006s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.22mS/cm | MFC=199mV | Temp=22.9C
DATA,1006,7.491,1.2571,1560,-1.222,199.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1008s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-0.85mS/cm | MFC=386mV | Temp=22.9C
DATA,1008,7.507,1.2547,1557,-0.854,386.0,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1010s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.25mS/cm | MFC=567mV | Temp=22.9C
DATA,1010,7.496,1.2563,1559,-1.252,566.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1012s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.32mS/cm | MFC=721mV | Temp=22.9C
DATA,1012,7.485,1.2579,1561,-1.322,721.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1014s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.25mS/cm | MFC=721mV | Temp=22.9C
DATA,1014,7.507,1.2547,1557,-1.252,721.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1016s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.23mS/cm | MFC=788mV | Temp=22.9C
DATA,1016,7.513,1.2539,1556,-1.228,788.1,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1018s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.25mS/cm | MFC=854mV | Temp=22.9C
DATA,1018,7.502,1.2555,1558,-1.252,854.2,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1020s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.11mS/cm | MFC=976mV | Temp=22.9C
DATA,1020,7.513,1.2539,1556,-1.111,975.9,22.94,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

===
======= TANK 1 DOSING CYCLE ============
===
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611

Learned pH/mL: urine=+0.04813 wine=-0.01250
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 17
==

1029s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.49mS/cm | MFC=276mV | Temp=22.9C
DATA,1029,7.355,1.2773,1585,-1.485,275.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1031s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.21mS/cm | MFC=201mV | Temp=22.9C
DATA,1031,7.485,1.2579,1561,-1.211,200.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1033s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-0.74mS/cm | MFC=100mV | Temp=22.9C
DATA,1033,7.469,1.2604,1564,-0.737,99.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1035s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.12mS/cm | MFC=60mV | Temp=22.9C
DATA,1035,7.475,1.2596,1563,-1.117,60.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1037s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.32mS/cm | MFC=86mV | Temp=23.0C
DATA,1037,7.475,1.2596,1563,-1.322,86.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1039s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.25mS/cm | MFC=31mV | Temp=22.9C
DATA,1039,7.420,1.2676,1573,-1.252,31.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1041s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.25mS/cm | MFC=68mV | Temp=22.9C
DATA,1041,7.442,1.2644,1569,-1.252,67.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1043s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.73mS/cm | MFC=231mV | Temp=22.9C
DATA,1043,7.442,1.2644,1569,-1.725,231.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1045s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.26mS/cm | MFC=515mV | Temp=22.9C
DATA,1045,7.447,1.2636,1568,-1.257,514.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1047s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.04mS/cm | MFC=681mV | Temp=22.9C
DATA,1047,7.453,1.2628,1567,-1.041,681.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

1049s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.25mS/cm | MFC=757mV | Temp=22.9C
DATA,1049,7.426,1.2668,1572,-1.252,756.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1051s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.23mS/cm | MFC=824mV | Temp=22.9C
DATA,1051,7.464,1.2612,1565,-1.228,824.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1053s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.22mS/cm | MFC=913mV | Temp=22.9C
DATA,1053,7.447,1.2636,1568,-1.217,913.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1055s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.16mS/cm | MFC=1031mV | Temp=22.9C
DATA,1055,7.442,1.2644,1569,-1.158,1030.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1057s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=1106mV | Temp=22.9C
DATA,1057,7.447,1.2636,1568,-1.298,1106.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1059s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-0.90mS/cm | MFC=1169mV | Temp=22.9C
DATA,1059,7.458,1.2620,1566,-0.895,1169.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1061s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.25mS/cm | MFC=1140mV | Temp=22.9C
DATA,1061,7.436,1.2652,1570,-1.252,1140.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1063s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.16mS/cm | MFC=916mV | Temp=22.9C
DATA,1063,7.447,1.2636,1568,-1.158,916.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1065s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.51mS/cm | MFC=552mV | Temp=22.9C
DATA,1065,7.447,1.2636,1568,-1.509,552.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1067s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.21mS/cm | MFC=399mV | Temp=22.9C
DATA,1067,7.431,1.2660,1571,-1.211,398.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1069s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.20mS/cm | MFC=295mV | Temp=22.9C
DATA,1069,7.447,1.2636,1568,-1.205,294.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1071s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.23mS/cm | MFC=193mV | Temp=22.9C
DATA,1071,7.447,1.2636,1568,-1.228,192.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1073s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.35mS/cm | MFC=96mV | Temp=22.9C
DATA,1073,7.420,1.2676,1573,-1.345,95.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1075s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.19mS/cm | MFC=51mV | Temp=22.9C
DATA,1075,7.447,1.2636,1568,-1.187,50.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1077s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.16mS/cm | MFC=16mV | Temp=22.9C
DATA,1077,7.442,1.2644,1569,-1.158,16.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1079s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.11mS/cm | MFC=120mV | Temp=22.9C
DATA,1079,7.464,1.2612,1565,-1.111,120.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1081s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.20mS/cm | MFC=410mV | Temp=22.9C
DATA,1081,7.447,1.2636,1568,-1.205,410.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

===
======= TANK 1 DOSING CYCLE ============
===
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04813 wine=-0.01376
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 18
===

1084s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2821 ADC=1591 |
EC=-1.30mS/cm | MFC=23mV | Temp=22.9C
DATA,1084,7.322,1.2821,1591,-1.298,22.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
1086s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.25mS/cm | MFC=199mV | Temp=22.9C
DATA,1086,7.447,1.2636,1568,-1.252,199.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

1088s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.25mS/cm | MFC=512mV | Temp=22.9C
DATA,1088,7.453,1.2628,1567,-1.252,511.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1090s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.30mS/cm | MFC=691mV | Temp=22.9C
DATA,1090,7.447,1.2636,1568,-1.304,690.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1092s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.26mS/cm | MFC=766mV | Temp=22.9C
DATA,1092,7.447,1.2636,1568,-1.263,766.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1094s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.25mS/cm | MFC=844mV | Temp=22.9C
DATA,1094,7.447,1.2636,1568,-1.252,843.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1096s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.21mS/cm | MFC=979mV | Temp=22.9C
DATA,1096,7.447,1.2636,1568,-1.211,979.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1098s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.39mS/cm | MFC=1067mV | Temp=22.9C
DATA,1098,7.447,1.2636,1568,-1.392,1067.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1100s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.35mS/cm | MFC=1123mV | Temp=22.9C
DATA,1100,7.420,1.2676,1573,-1.345,1123.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1102s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=1171mV | Temp=22.9C
DATA,1102,7.453,1.2628,1567,-1.298,1170.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1104s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.30mS/cm | MFC=1158mV | Temp=23.0C
DATA,1104,7.442,1.2644,1569,-1.298,1158.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1106s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-0.92mS/cm | MFC=1031mV | Temp=22.9C
DATA,1106,7.453,1.2628,1567,-0.924,1030.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1108s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.25mS/cm | MFC=675mV | Temp=22.9C
DATA,1108,7.453,1.2628,1567,-1.252,674.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1110s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.30mS/cm | MFC=489mV | Temp=22.9C
DATA,1110,7.442,1.2644,1569,-1.298,489.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1112s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.23mS/cm | MFC=479mV | Temp=22.9C
DATA,1112,7.475,1.2596,1563,-1.234,479.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1114s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.11mS/cm | MFC=356mV | Temp=22.9C
DATA,1114,7.442,1.2644,1569,-1.111,356.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1116s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.22mS/cm | MFC=289mV | Temp=22.9C
DATA,1116,7.458,1.2620,1566,-1.222,289.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1118s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.25mS/cm | MFC=238mV | Temp=22.9C
DATA,1118,7.464,1.2612,1565,-1.252,237.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1120s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.26mS/cm | MFC=184mV | Temp=22.9C
DATA,1120,7.436,1.2652,1570,-1.263,183.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1122s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=102mV | Temp=22.9C
DATA,1122,7.475,1.2596,1563,-1.345,102.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1124s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=99mV | Temp=22.9C
DATA,1124,7.453,1.2628,1567,-1.345,99.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1126s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=88mV | Temp=22.9C
DATA,1126,7.453,1.2628,1567,-1.304,87.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1128s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.39mS/cm | MFC=81mV | Temp=22.9C
DATA,1128,7.453,1.2628,1567,-1.392,81.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1130s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-0.76mS/cm | MFC=74mV | Temp=22.9C
DATA,1130,7.469,1.2604,1564,-0.761,74.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1132s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-0.92mS/cm | MFC=93mV | Temp=22.9C
DATA,1132,7.453,1.2628,1567,-0.924,93.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1134s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.30mS/cm | MFC=81mV | Temp=22.9C
DATA,1134,7.436,1.2652,1570,-1.298,80.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1136s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.36mS/cm | MFC=68mV | Temp=22.9C
DATA,1136,7.469,1.2604,1564,-1.363,67.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1138s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.23mS/cm | MFC=83mV | Temp=22.9C
DATA,1138,7.447,1.2636,1568,-1.234,83.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1140s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=145mV | Temp=22.9C
DATA,1140,7.447,1.2636,1568,-1.485,145.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04373 wine=-0.01816
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 19
==

1144s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2829 ADC=1592 |
EC=-1.23mS/cm | MFC=102mV | Temp=22.9C
DATA,1144,7.317,1.2829,1592,-1.234,102.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1146s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.23mS/cm | MFC=60mV | Temp=22.9C
DATA,1146,7.464,1.2612,1565,-1.228,60.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1148s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.25mS/cm | MFC=64mV | Temp=22.9C
DATA,1148,7.475,1.2596,1563,-1.252,63.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1150s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=64mV | Temp=22.9C
DATA,1150,7.464,1.2612,1565,-1.351,63.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1152s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.16mS/cm | MFC=68mV | Temp=22.9C
DATA,1152,7.447,1.2636,1568,-1.158,67.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1154s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=73mV | Temp=22.9C
DATA,1154,7.447,1.2636,1568,-1.298,72.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1156s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.35mS/cm | MFC=70mV | Temp=22.9C
DATA,1156,7.480,1.2588,1562,-1.345,70.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1158s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.11mS/cm | MFC=51mV | Temp=22.9C
DATA,1158,7.464,1.2612,1565,-1.111,50.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1160s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.35mS/cm | MFC=38mV | Temp=22.9C
DATA,1160,7.469,1.2604,1564,-1.351,37.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1162s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.16mS/cm | MFC=44mV | Temp=22.9C
DATA,1162,7.475,1.2596,1563,-1.158,44.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1164s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=41mV | Temp=23.0C
DATA,1164,7.447,1.2636,1568,-1.298,41.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1166s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.30mS/cm | MFC=44mV | Temp=22.9C
DATA,1166,7.436,1.2652,1570,-1.298,44.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1168s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.26mS/cm | MFC=36mV | Temp=22.9C
DATA,1168,7.453,1.2628,1567,-1.263,36.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1170s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.23mS/cm | MFC=31mV | Temp=22.9C
DATA,1170,7.458,1.2620,1566,-1.234,30.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1172s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=49mV | Temp=22.9C
DATA,1172,7.447,1.2636,1568,-1.392,49.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1174s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.11mS/cm | MFC=31mV | Temp=22.9C
DATA,1174,7.458,1.2620,1566,-1.111,30.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1176s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.30mS/cm | MFC=25mV | Temp=22.9C
DATA,1176,7.436,1.2652,1570,-1.298,25.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1178s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.16mS/cm | MFC=42mV | Temp=22.9C
DATA,1178,7.464,1.2612,1565,-1.158,41.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1180s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=44mV | Temp=22.9C
DATA,1180,7.453,1.2628,1567,-1.298,44.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1182s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.30mS/cm | MFC=62mV | Temp=22.9C

DATA,1182,7.464,1.2612,1565,-1.298,62.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1184s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.25mS/cm | MFC=95mV | Temp=22.9C
DATA,1184,7.475,1.2596,1563,-1.252,95.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1186s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.25mS/cm | MFC=127mV | Temp=22.9C
DATA,1186,7.464,1.2612,1565,-1.252,127.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1188s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.23mS/cm | MFC=154mV | Temp=23.0C
DATA,1188,7.447,1.2636,1568,-1.234,153.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1190s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=192mV | Temp=22.9C
DATA,1190,7.453,1.2628,1567,-1.298,191.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1192s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.25mS/cm | MFC=204mV | Temp=22.9C
DATA,1192,7.442,1.2644,1569,-1.252,203.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1194s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=231mV | Temp=22.9C
DATA,1194,7.458,1.2620,1566,-1.298,231.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1196s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=256mV | Temp=22.9C
DATA,1196,7.458,1.2620,1566,-1.298,256.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1198s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.30mS/cm | MFC=305mV | Temp=23.0C
DATA,1198,7.464,1.2612,1565,-1.298,305.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1200s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.26mS/cm | MFC=328mV | Temp=22.9C
DATA,1200,7.458,1.2620,1566,-1.257,328.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

===
======= TANK 1 DOSING CYCLE ============
===
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05183 wine=-0.01006
--- TANK 1 DOSING ---

RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 20
=======================================

1204s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 |
EC=-1.32mS/cm | MFC=128mV | Temp=22.9C
DATA,1204,7.301,1.2853,1595,-1.322,128.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1206s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.31mS/cm | MFC=122mV | Temp=22.9C
DATA,1206,7.480,1.2588,1562,-1.310,121.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1208s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=185mV | Temp=22.9C
DATA,1208,7.458,1.2620,1566,-1.351,184.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1210s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=205mV | Temp=22.9C
DATA,1210,7.447,1.2636,1568,-1.298,205.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1212s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.13mS/cm | MFC=354mV | Temp=22.9C
DATA,1212,7.442,1.2644,1569,-1.135,353.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1214s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.16mS/cm | MFC=488mV | Temp=23.0C
DATA,1214,7.453,1.2628,1567,-1.164,488.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1216s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.30mS/cm | MFC=599mV | Temp=22.9C
DATA,1216,7.442,1.2644,1569,-1.298,598.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1218s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.31mS/cm | MFC=718mV | Temp=22.9C
DATA,1218,7.431,1.2660,1571,-1.310,718.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1220s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.32mS/cm | MFC=741mV | Temp=22.9C
DATA,1220,7.442,1.2644,1569,-1.322,740.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

1222s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.30mS/cm | MFC=848mV | Temp=22.9C
DATA,1222,7.491,1.2571,1560,-1.304,847.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1224s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=928mV | Temp=22.9C
DATA,1224,7.453,1.2628,1567,-1.298,927.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1226s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=1049mV | Temp=23.0C
DATA,1226,7.453,1.2628,1567,-1.298,1049.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1228s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.37mS/cm | MFC=1111mV | Temp=23.0C
DATA,1228,7.469,1.2604,1564,-1.369,1111.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1230s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.30mS/cm | MFC=1163mV | Temp=22.9C
DATA,1230,7.442,1.2644,1569,-1.298,1162.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1232s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.25mS/cm | MFC=1107mV | Temp=22.9C
DATA,1232,7.447,1.2636,1568,-1.252,1107.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1234s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.30mS/cm | MFC=679mV | Temp=22.9C
DATA,1234,7.431,1.2660,1571,-1.298,679.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1236s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.30mS/cm | MFC=447mV | Temp=22.9C
DATA,1236,7.485,1.2579,1561,-1.298,447.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1238s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.32mS/cm | MFC=367mV | Temp=22.9C
DATA,1238,7.458,1.2620,1566,-1.316,366.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1240s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.12mS/cm | MFC=257mV | Temp=22.9C
DATA,1240,7.436,1.2652,1570,-1.117,257.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1242s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=160mV | Temp=22.9C
DATA,1242,7.453,1.2628,1567,-1.298,160.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

1244s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.25mS/cm | MFC=98mV | Temp=22.9C
DATA,1244,7.436,1.2652,1570,-1.252,97.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1246s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.06mS/cm | MFC=62mV | Temp=22.9C
DATA,1246,7.447,1.2636,1568,-1.065,62.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1248s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=51mV | Temp=22.9C
DATA,1248,7.464,1.2612,1565,-1.485,50.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1250s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=31mV | Temp=22.9C
DATA,1250,7.436,1.2652,1570,-1.351,31.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1252s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=23mV | Temp=22.9C
DATA,1252,7.453,1.2628,1567,-1.485,23.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1254s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.30mS/cm | MFC=61mV | Temp=22.9C
DATA,1254,7.436,1.2652,1570,-1.298,61.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1256s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.30mS/cm | MFC=189mV | Temp=22.9C
DATA,1256,7.475,1.2596,1563,-1.298,188.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1258s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.39mS/cm | MFC=244mV | Temp=22.9C
DATA,1258,7.458,1.2620,1566,-1.392,244.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1260s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=405mV | Temp=22.9C
DATA,1260,7.475,1.2596,1563,-1.351,405.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04237 wine=-0.01952
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 21
==

1264s | pH=7.31 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2837 ADC=1593 |
EC=-1.32mS/cm | MFC=115mV | Temp=22.9C
DATA,1264,7.311,1.2837,1593,-1.322,115.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1266s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=230mV | Temp=22.9C
DATA,1266,7.436,1.2652,1570,-1.345,230.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1268s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.30mS/cm | MFC=394mV | Temp=22.9C
DATA,1268,7.469,1.2604,1564,-1.298,394.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1270s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.32mS/cm | MFC=547mV | Temp=22.9C
DATA,1270,7.442,1.2644,1569,-1.322,547.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1272s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.13mS/cm | MFC=650mV | Temp=22.9C
DATA,1272,7.426,1.2668,1572,-1.135,649.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1274s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.32mS/cm | MFC=693mV | Temp=23.0C
DATA,1274,7.458,1.2620,1566,-1.322,693.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1276s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.32mS/cm | MFC=737mV | Temp=22.9C
DATA,1276,7.447,1.2636,1568,-1.322,737.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1278s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.30mS/cm | MFC=757mV | Temp=22.9C
DATA,1278,7.480,1.2588,1562,-1.298,756.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1280s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.32mS/cm | MFC=786mV | Temp=22.9C
DATA,1280,7.442,1.2644,1569,-1.322,785.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1282s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=876mV | Temp=22.9C
DATA,1282,7.447,1.2636,1568,-1.345,876.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1284s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.03mS/cm | MFC=902mV | Temp=22.9C

DATA,1284,7.442,1.2644,1569,-1.030,901.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1286s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.21mS/cm | MFC=1001mV | Temp=23.0C
DATA,1286,7.453,1.2628,1567,-1.211,1000.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1288s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.32mS/cm | MFC=1040mV | Temp=22.9C
DATA,1288,7.447,1.2636,1568,-1.316,1040.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1290s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=1121mV | Temp=22.9C
DATA,1290,7.469,1.2604,1564,-1.392,1121.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1292s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.39mS/cm | MFC=1115mV | Temp=22.9C
DATA,1292,7.453,1.2628,1567,-1.392,1114.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1294s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.30mS/cm | MFC=1155mV | Temp=22.9C
DATA,1294,7.469,1.2604,1564,-1.298,1154.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1296s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.32mS/cm | MFC=1189mV | Temp=22.9C
DATA,1296,7.469,1.2604,1564,-1.316,1188.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1298s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.11mS/cm | MFC=1167mV | Temp=22.9C
DATA,1298,7.442,1.2644,1569,-1.111,1166.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1300s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.32mS/cm | MFC=1123mV | Temp=23.0C
DATA,1300,7.458,1.2620,1566,-1.322,1123.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1302s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.25mS/cm | MFC=966mV | Temp=23.0C
DATA,1302,7.426,1.2668,1572,-1.252,966.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1304s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=676mV | Temp=22.9C
DATA,1304,7.453,1.2628,1567,-1.298,676.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1306s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.26mS/cm | MFC=532mV | Temp=22.9C

DATA,1306,7.464,1.2612,1565,-1.263,531.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1308s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.30mS/cm | MFC=442mV | Temp=22.9C
DATA,1308,7.464,1.2612,1565,-1.298,441.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1310s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.06mS/cm | MFC=390mV | Temp=23.0C
DATA,1310,7.491,1.2571,1560,-1.065,390.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1312s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.32mS/cm | MFC=330mV | Temp=22.9C
DATA,1312,7.458,1.2620,1566,-1.316,329.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1314s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.13mS/cm | MFC=305mV | Temp=22.9C
DATA,1314,7.447,1.2636,1568,-1.135,304.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1316s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=274mV | Temp=22.9C
DATA,1316,7.453,1.2628,1567,-1.316,274.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1318s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.13mS/cm | MFC=243mV | Temp=22.9C
DATA,1318,7.458,1.2620,1566,-1.135,242.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1320s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.33mS/cm | MFC=205mV | Temp=22.9C
DATA,1320,7.431,1.2660,1571,-1.333,205.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03849 wine=-0.02340
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 22
==

1324s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2829 ADC=1592 |
EC=-1.30mS/cm | MFC=205mV | Temp=23.0C
DATA,1324,7.317,1.2829,1592,-1.298,205.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

1326s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.31mS/cm | MFC=270mV | Temp=23.0C
DATA,1326,7.442,1.2644,1569,-1.310,270.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1328s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.18mS/cm | MFC=225mV | Temp=22.9C
DATA,1328,7.447,1.2636,1568,-1.176,224.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1330s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=243mV | Temp=22.9C
DATA,1330,7.453,1.2628,1567,-1.316,242.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1332s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.35mS/cm | MFC=254mV | Temp=22.9C
DATA,1332,7.442,1.2644,1569,-1.345,253.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1334s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=283mV | Temp=22.9C
DATA,1334,7.453,1.2628,1567,-1.298,282.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1336s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=280mV | Temp=22.9C
DATA,1336,7.447,1.2636,1568,-1.392,279.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1338s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.26mS/cm | MFC=298mV | Temp=22.9C
DATA,1338,7.447,1.2636,1568,-1.263,298.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1340s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=330mV | Temp=22.9C
DATA,1340,7.453,1.2628,1567,-1.316,329.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1342s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=322mV | Temp=22.9C
DATA,1342,7.458,1.2620,1566,-1.298,321.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1344s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.35mS/cm | MFC=327mV | Temp=22.9C

DATA,1344,7.442,1.2644,1569,-1.345,327.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1346s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.11mS/cm | MFC=360mV | Temp=23.0C
DATA,1346,7.447,1.2636,1568,-1.111,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1348s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.32mS/cm | MFC=412mV | Temp=22.9C
DATA,1348,7.442,1.2644,1569,-1.322,411.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1350s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.18mS/cm | MFC=442mV | Temp=22.9C
DATA,1350,7.453,1.2628,1567,-1.182,441.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1352s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.30mS/cm | MFC=412mV | Temp=23.0C
DATA,1352,7.442,1.2644,1569,-1.298,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1354s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.33mS/cm | MFC=444mV | Temp=22.9C
DATA,1354,7.458,1.2620,1566,-1.333,444.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1356s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=489mV | Temp=22.9C
DATA,1356,7.453,1.2628,1567,-1.345,489.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1358s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.25mS/cm | MFC=582mV | Temp=22.9C
DATA,1358,7.442,1.2644,1569,-1.252,581.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1360s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.36mS/cm | MFC=647mV | Temp=23.0C
DATA,1360,7.447,1.2636,1568,-1.363,647.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1362s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.37mS/cm | MFC=844mV | Temp=23.0C
DATA,1362,7.436,1.2652,1570,-1.369,843.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1364s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.35mS/cm | MFC=1031mV | Temp=23.0C
DATA,1364,7.431,1.2660,1571,-1.351,1030.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00000
1366s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=1094mV | Temp=23.0C

DATA,1366,7.453,1.2628,1567,-1.351,1094.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1368s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=1166mV | Temp=22.9C
DATA,1368,7.458,1.2620,1566,-1.345,1166.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1370s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.30mS/cm | MFC=1165mV | Temp=23.0C
DATA,1370,7.458,1.2620,1566,-1.298,1165.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1372s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.23mS/cm | MFC=1166mV | Temp=22.9C
DATA,1372,7.453,1.2628,1567,-1.228,1166.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1374s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.32mS/cm | MFC=1134mV | Temp=23.0C
DATA,1374,7.485,1.2579,1561,-1.322,1133.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1376s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.32mS/cm | MFC=1123mV | Temp=22.9C
DATA,1376,7.453,1.2628,1567,-1.316,1122.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1378s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.39mS/cm | MFC=1077mV | Temp=23.0C
DATA,1378,7.442,1.2644,1569,-1.392,1076.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1380s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.55mS/cm | MFC=1056mV | Temp=22.9C
DATA,1380,7.458,1.2620,1566,-1.550,1056.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ===========
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.02900 wine=-0.03289
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 23
========================================
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1384s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2797 ADC=1588 |
EC=-1.49mS/cm | MFC=1093mV | Temp=22.9C
DATA,1384,7.339,1.2797,1588,-1.485,1092.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
1386s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=1061mV | Temp=22.9C
DATA,1386,7.442,1.2644,1569,-1.485,1060.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1388s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1031mV | Temp=22.9C
DATA,1388,7.436,1.2652,1570,-1.485,1030.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
1390s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.32mS/cm | MFC=928mV | Temp=23.0C
DATA,1390,7.464,1.2612,1565,-1.322,927.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1392s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=889mV | Temp=22.9C
DATA,1392,7.436,1.2652,1570,-1.345,888.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1394s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.35mS/cm | MFC=855mV | Temp=23.0C
DATA,1394,7.442,1.2644,1569,-1.345,855.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1396s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.35mS/cm | MFC=824mV | Temp=22.9C
DATA,1396,7.469,1.2604,1564,-1.345,823.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1398s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.33mS/cm | MFC=799mV | Temp=23.0C
DATA,1398,7.436,1.2652,1570,-1.333,798.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1400s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.33mS/cm | MFC=773mV | Temp=23.0C
DATA,1400,7.453,1.2628,1567,-1.328,772.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1402s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=739mV | Temp=23.0C
DATA,1402,7.458,1.2620,1566,-1.345,739.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1404s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.35mS/cm | MFC=732mV | Temp=23.0C

DATA,1404,7.426,1.2668,1572,-1.345,731.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1406s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.26mS/cm | MFC=764mV | Temp=23.0C
DATA,1406,7.431,1.2660,1571,-1.257,764.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1408s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.35mS/cm | MFC=705mV | Temp=23.0C
DATA,1408,7.464,1.2612,1565,-1.345,705.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1410s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.35mS/cm | MFC=675mV | Temp=23.0C
DATA,1410,7.442,1.2644,1569,-1.345,675.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1412s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.36mS/cm | MFC=662mV | Temp=22.9C
DATA,1412,7.436,1.2652,1570,-1.363,661.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1414s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.25mS/cm | MFC=643mV | Temp=23.0C
DATA,1414,7.480,1.2588,1562,-1.252,643.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1416s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=567mV | Temp=22.9C
DATA,1416,7.447,1.2636,1568,-1.351,566.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1418s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.35mS/cm | MFC=515mV | Temp=22.9C
DATA,1418,7.436,1.2652,1570,-1.351,514.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1420s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.35mS/cm | MFC=412mV | Temp=22.9C
DATA,1420,7.480,1.2588,1562,-1.345,411.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1422s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.37mS/cm | MFC=332mV | Temp=22.9C
DATA,1422,7.458,1.2620,1566,-1.369,332.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1424s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.36mS/cm | MFC=283mV | Temp=22.9C
DATA,1424,7.447,1.2636,1568,-1.363,282.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1426s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.20mS/cm | MFC=228mV | Temp=23.0C

DATA,1426,7.442,1.2644,1569,-1.205,228.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1428s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.31mS/cm | MFC=199mV | Temp=23.0C
DATA,1428,7.442,1.2644,1569,-1.310,199.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1430s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=165mV | Temp=22.9C
DATA,1430,7.453,1.2628,1567,-1.345,165.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1432s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=145mV | Temp=23.0C
DATA,1432,7.447,1.2636,1568,-1.345,145.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1434s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.30mS/cm | MFC=128mV | Temp=22.9C
DATA,1434,7.431,1.2660,1571,-1.304,128.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1436s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.32mS/cm | MFC=102mV | Temp=22.9C
DATA,1436,7.458,1.2620,1566,-1.322,102.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1438s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=88mV | Temp=23.0C
DATA,1438,7.447,1.2636,1568,-1.345,87.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1440s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=77mV | Temp=23.0C
DATA,1440,7.464,1.2612,1565,-1.357,76.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04299 wine=-0.01890
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 24
========================================
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1444s | pH=7.31 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2837 ADC=1593 |
EC=-1.49mS/cm | MFC=31mV | Temp=22.9C
DATA,1444,7.311,1.2837,1593,-1.485,31.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
1446s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.30mS/cm | MFC=37mV | Temp=22.9C
DATA,1446,7.442,1.2644,1569,-1.298,37.1,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1448s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.30mS/cm | MFC=38mV | Temp=23.0C
DATA,1448,7.453,1.2628,1567,-1.298,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1450s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.37mS/cm | MFC=40mV | Temp=22.9C
DATA,1450,7.469,1.2604,1564,-1.369,40.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1452s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.32mS/cm | MFC=35mV | Temp=23.0C
DATA,1452,7.447,1.2636,1568,-1.322,34.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1454s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=73mV | Temp=23.0C
DATA,1454,7.447,1.2636,1568,-1.298,72.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1456s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.40mS/cm | MFC=38mV | Temp=23.0C
DATA,1456,7.458,1.2620,1566,-1.398,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1458s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.32mS/cm | MFC=38mV | Temp=22.9C
DATA,1458,7.442,1.2644,1569,-1.316,37.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1460s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=51mV | Temp=22.9C
DATA,1460,7.436,1.2652,1570,-1.351,50.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1462s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.25mS/cm | MFC=40mV | Temp=22.9C
DATA,1462,7.442,1.2644,1569,-1.252,40.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1464s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.36mS/cm | MFC=31mV | Temp=23.0C
DATA,1464,7.458,1.2620,1566,-1.357,31.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1466s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=31mV | Temp=23.0C
DATA,1466,7.436,1.2652,1570,-1.345,31.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1468s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=77mV | Temp=22.9C
DATA,1468,7.453,1.2628,1567,-1.345,76.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1470s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.39mS/cm | MFC=31mV | Temp=23.0C
DATA,1470,7.431,1.2660,1571,-1.392,31.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1472s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.36mS/cm | MFC=51mV | Temp=22.9C

DATA,1472,7.453,1.2628,1567,-1.363,50.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1474s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=31mV | Temp=22.9C
DATA,1474,7.447,1.2636,1568,-1.298,30.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1476s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.26mS/cm | MFC=19mV | Temp=23.0C
DATA,1476,7.480,1.2588,1562,-1.263,18.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1478s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.37mS/cm | MFC=19mV | Temp=22.9C
DATA,1478,7.447,1.2636,1568,-1.369,18.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1480s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=25mV | Temp=23.0C
DATA,1480,7.458,1.2620,1566,-1.345,25.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1482s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.36mS/cm | MFC=0mV | Temp=23.0C
DATA,1482,7.431,1.2660,1571,-1.357,0.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1484s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=44mV | Temp=22.9C
DATA,1484,7.458,1.2620,1566,-1.345,44.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1486s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=62mV | Temp=23.0C
DATA,1486,7.453,1.2628,1567,-1.345,62.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1488s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.39mS/cm | MFC=119mV | Temp=23.0C
DATA,1488,7.436,1.2652,1570,-1.392,119.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1490s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.11mS/cm | MFC=193mV | Temp=23.0C
DATA,1490,7.469,1.2604,1564,-1.111,192.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1492s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=243mV | Temp=23.0C
DATA,1492,7.453,1.2628,1567,-1.351,242.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1494s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.36mS/cm | MFC=347mV | Temp=22.9C
DATA,1494,7.480,1.2588,1562,-1.363,347.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1496s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.36mS/cm | MFC=480mV | Temp=22.9C
DATA,1496,7.431,1.2660,1571,-1.357,480.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1498s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.32mS/cm | MFC=545mV | Temp=23.0C

DATA,1498,7.442,1.2644,1569,-1.322,544.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1500s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=608mV | Temp=23.0C
DATA,1500,7.453,1.2628,1567,-1.322,607.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03349 wine=-0.02840
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 25
==

1504s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 |
EC=-1.32mS/cm | MFC=199mV | Temp=23.0C
DATA,1504,7.301,1.2853,1595,-1.322,199.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

1506s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=248mV | Temp=22.9C
DATA,1506,7.469,1.2604,1564,-1.485,248.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1508s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=328mV | Temp=23.0C
DATA,1508,7.447,1.2636,1568,-1.485,328.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1510s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.36mS/cm | MFC=447mV | Temp=23.0C
DATA,1510,7.469,1.2604,1564,-1.363,447.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1512s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=515mV | Temp=23.0C
DATA,1512,7.464,1.2612,1565,-1.392,514.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1514s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.30mS/cm | MFC=575mV | Temp=23.0C

DATA,1514,7.491,1.2571,1560,-1.298,575.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1516s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=615mV | Temp=23.0C
DATA,1516,7.453,1.2628,1567,-1.345,614.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1518s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=710mV | Temp=22.9C
DATA,1518,7.453,1.2628,1567,-1.363,710.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1520s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=692mV | Temp=23.0C
DATA,1520,7.453,1.2628,1567,-1.351,692.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1522s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.35mS/cm | MFC=721mV | Temp=22.9C
DATA,1522,7.436,1.2652,1570,-1.345,721.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1524s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.32mS/cm | MFC=747mV | Temp=23.0C
DATA,1524,7.496,1.2563,1559,-1.322,747.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1526s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.37mS/cm | MFC=790mV | Temp=23.0C
DATA,1526,7.447,1.2636,1568,-1.369,789.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1528s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=895mV | Temp=22.9C
DATA,1528,7.453,1.2628,1567,-1.357,894.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1530s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=889mV | Temp=23.0C
DATA,1530,7.458,1.2620,1566,-1.345,888.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1532s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.35mS/cm | MFC=961mV | Temp=23.0C
DATA,1532,7.469,1.2604,1564,-1.345,961.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1534s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.26mS/cm | MFC=1077mV | Temp=22.9C
DATA,1534,7.464,1.2612,1565,-1.257,1077.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00000

1536s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.36mS/cm | MFC=1082mV | Temp=23.0C

DATA,1536,7.485,1.2579,1561,-1.363,1082.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1538s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=1108mV | Temp=23.0C
DATA,1538,7.442,1.2644,1569,-1.485,1108.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1540s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.25mS/cm | MFC=1124mV | Temp=23.0C
DATA,1540,7.491,1.2571,1560,-1.252,1124.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1542s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=1157mV | Temp=23.0C
DATA,1542,7.469,1.2604,1564,-1.485,1157.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1544s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.35mS/cm | MFC=1168mV | Temp=23.0C
DATA,1544,7.442,1.2644,1569,-1.345,1168.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1546s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=1178mV | Temp=23.0C
DATA,1546,7.447,1.2636,1568,-1.485,1178.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1548s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=1203mV | Temp=23.0C
DATA,1548,7.464,1.2612,1565,-1.485,1203.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1550s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.53mS/cm | MFC=1194mV | Temp=22.9C
DATA,1550,7.458,1.2620,1566,-1.532,1194.3,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1552s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.23mS/cm | MFC=1189mV | Temp=22.9C
DATA,1552,7.491,1.2571,1560,-1.228,1189.5,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1554s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.30mS/cm | MFC=1223mV | Temp=23.0C
DATA,1554,7.458,1.2620,1566,-1.298,1223.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1556s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=1189mV | Temp=23.0C
DATA,1556,7.458,1.2620,1566,-1.392,1188.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1558s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.22mS/cm | MFC=1151mV | Temp=23.0C

DATA,1558,7.485,1.2579,1561,-1.217,1150.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1560s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=1183mV | Temp=23.0C
DATA,1560,7.442,1.2644,1569,-1.485,1183.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04390 wine=-0.01800
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 26
==

1564s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2829 ADC=1592 | EC=-1.36mS/cm | MFC=1159mV | Temp=23.0C
DATA,1564,7.317,1.2829,1592,-1.357,1158.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

1566s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.30mS/cm | MFC=1134mV | Temp=23.0C
DATA,1566,7.475,1.2596,1563,-1.298,1133.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1568s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.36mS/cm | MFC=1134mV | Temp=23.0C
DATA,1568,7.447,1.2636,1568,-1.363,1133.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1570s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.11mS/cm | MFC=1114mV | Temp=23.0C
DATA,1570,7.502,1.2555,1558,-1.111,1113.7,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

1572s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=1134mV | Temp=23.0C
DATA,1572,7.469,1.2604,1564,-1.485,1133.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1574s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.31mS/cm | MFC=1117mV | Temp=22.9C

DATA,1574,7.447,1.2636,1568,-1.310,1116.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1576s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.35mS/cm | MFC=1067mV | Temp=23.0C
DATA,1576,7.469,1.2604,1564,-1.351,1067.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1578s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=1079mV | Temp=23.0C
DATA,1578,7.458,1.2620,1566,-1.345,1079.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1580s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=995mV | Temp=23.0C
DATA,1580,7.458,1.2620,1566,-1.351,995.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1582s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.31mS/cm | MFC=890mV | Temp=23.0C
DATA,1582,7.475,1.2596,1563,-1.310,890.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1584s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.18mS/cm | MFC=768mV | Temp=23.0C
DATA,1584,7.475,1.2596,1563,-1.182,768.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1586s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.37mS/cm | MFC=714mV | Temp=22.9C
DATA,1586,7.453,1.2628,1567,-1.369,714.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1588s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=617mV | Temp=23.0C
DATA,1588,7.453,1.2628,1567,-1.298,617.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1590s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=567mV | Temp=23.0C
DATA,1590,7.453,1.2628,1567,-1.363,566.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1592s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.32mS/cm | MFC=557mV | Temp=23.0C
DATA,1592,7.436,1.2652,1570,-1.322,556.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1594s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=549mV | Temp=22.9C
DATA,1594,7.447,1.2636,1568,-1.345,548.8,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1596s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.33mS/cm | MFC=479mV | Temp=23.0C

DATA,1596,7.453,1.2628,1567,-1.328,479.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1598s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.31mS/cm | MFC=456mV | Temp=23.0C

DATA,1598,7.480,1.2588,1562,-1.310,456.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1600s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.37mS/cm | MFC=442mV | Temp=23.0C

DATA,1600,7.485,1.2579,1561,-1.369,442.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1602s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.13mS/cm | MFC=444mV | Temp=23.0C

DATA,1602,7.458,1.2620,1566,-1.135,444.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1604s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=412mV | Temp=23.0C

DATA,1604,7.453,1.2628,1567,-1.357,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1606s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=408mV | Temp=23.0C

DATA,1606,7.464,1.2612,1565,-1.357,407.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1608s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=360mV | Temp=23.0C

DATA,1608,7.458,1.2620,1566,-1.351,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1610s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.32mS/cm | MFC=354mV | Temp=23.0C

DATA,1610,7.475,1.2596,1563,-1.316,353.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1612s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=328mV | Temp=23.0C

DATA,1612,7.458,1.2620,1566,-1.345,328.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1614s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.35mS/cm | MFC=309mV | Temp=22.9C

DATA,1614,7.464,1.2612,1565,-1.345,308.6,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1616s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.36mS/cm | MFC=276mV | Temp=22.9C

DATA,1616,7.447,1.2636,1568,-1.363,276.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1618s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=256mV | Temp=23.0C

DATA,1618,7.464,1.2612,1565,-1.363,256.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1620s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=230mV | Temp=23.0C

DATA,1620,7.458,1.2620,1566,-1.345,229.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04298 wine=-0.01891
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 27

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1624s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2821 ADC=1591 | EC=-1.37mS/cm | MFC=412mV | Temp=23.0C

DATA,1624,7.322,1.2821,1591,-1.369,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

1626s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.22mS/cm | MFC=402mV | Temp=23.0C

DATA,1626,7.464,1.2612,1565,-1.222,402.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1628s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=403mV | Temp=23.0C

DATA,1628,7.447,1.2636,1568,-1.345,402.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1630s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.35mS/cm | MFC=392mV | Temp=23.0C

DATA,1630,7.475,1.2596,1563,-1.345,391.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1632s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=380mV | Temp=23.0C

DATA,1632,7.469,1.2604,1564,-1.392,379.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1634s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.39mS/cm | MFC=386mV | Temp=23.0C

DATA,1634,7.464,1.2612,1565,-1.392,386.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1636s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.20mS/cm | MFC=370mV | Temp=23.0C
DATA,1636,7.453,1.2628,1567,-1.205,369.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1638s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.25mS/cm | MFC=378mV | Temp=23.0C
DATA,1638,7.447,1.2636,1568,-1.252,377.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1640s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.36mS/cm | MFC=347mV | Temp=23.0C
DATA,1640,7.475,1.2596,1563,-1.363,347.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1642s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=360mV | Temp=23.0C
DATA,1642,7.458,1.2620,1566,-1.345,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1644s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=357mV | Temp=23.0C
DATA,1644,7.458,1.2620,1566,-1.345,357.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1646s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=344mV | Temp=23.0C
DATA,1646,7.458,1.2620,1566,-1.392,344.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1648s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.32mS/cm | MFC=350mV | Temp=22.9C
DATA,1648,7.458,1.2620,1566,-1.322,349.7,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1650s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.39mS/cm | MFC=343mV | Temp=23.0C
DATA,1650,7.464,1.2612,1565,-1.392,343.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1652s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.39mS/cm | MFC=360mV | Temp=23.0C
DATA,1652,7.447,1.2636,1568,-1.392,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1654s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=373mV | Temp=23.0C
DATA,1654,7.447,1.2636,1568,-1.351,373.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1656s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.39mS/cm | MFC=373mV | Temp=23.0C

DATA,1656,7.453,1.2628,1567,-1.392,373.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1658s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=367mV | Temp=23.0C
DATA,1658,7.453,1.2628,1567,-1.345,366.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1660s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.18mS/cm | MFC=384mV | Temp=23.0C
DATA,1660,7.464,1.2612,1565,-1.176,384.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1662s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.35mS/cm | MFC=386mV | Temp=23.0C
DATA,1662,7.475,1.2596,1563,-1.345,386.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1664s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.13mS/cm | MFC=395mV | Temp=23.0C
DATA,1664,7.453,1.2628,1567,-1.135,394.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1666s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.36mS/cm | MFC=380mV | Temp=23.0C
DATA,1666,7.442,1.2644,1569,-1.363,379.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1668s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=386mV | Temp=23.0C
DATA,1668,7.453,1.2628,1567,-1.357,386.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1670s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.36mS/cm | MFC=384mV | Temp=23.0C
DATA,1670,7.436,1.2652,1570,-1.357,384.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1672s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=360mV | Temp=23.0C
DATA,1672,7.458,1.2620,1566,-1.392,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1674s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.33mS/cm | MFC=360mV | Temp=23.0C
DATA,1674,7.458,1.2620,1566,-1.328,360.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1676s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.39mS/cm | MFC=352mV | Temp=23.0C
DATA,1676,7.442,1.2644,1569,-1.392,352.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1678s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=356mV | Temp=22.9C

DATA,1678,7.458,1.2620,1566,-1.392,356.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1680s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=354mV | Temp=23.0C
DATA,1680,7.447,1.2636,1568,-1.351,353.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03170 wine=-0.03020
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 28
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1684s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2805 ADC=1589 |
EC=-1.49mS/cm | MFC=31mV | Temp=23.0C
DATA,1684,7.333,1.2805,1589,-1.485,31.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
1686s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=49mV | Temp=22.9C
DATA,1686,7.442,1.2644,1569,-1.392,49.2,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1688s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=25mV | Temp=23.0C
DATA,1688,7.453,1.2628,1567,-1.345,25.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1690s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.36mS/cm | MFC=38mV | Temp=22.9C
DATA,1690,7.458,1.2620,1566,-1.363,37.9,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1692s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=73mV | Temp=23.0C
DATA,1692,7.464,1.2612,1565,-1.345,73.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1694s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.35mS/cm | MFC=83mV | Temp=23.0C
DATA,1694,7.442,1.2644,1569,-1.351,83.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1696s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=128mV | Temp=23.0C
DATA,1696,7.469,1.2604,1564,-1.392,128.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1698s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.30mS/cm | MFC=205mV | Temp=23.0C
DATA,1698,7.469,1.2604,1564,-1.304,205.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1700s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.39mS/cm | MFC=305mV | Temp=23.0C
DATA,1700,7.447,1.2636,1568,-1.392,305.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1702s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=412mV | Temp=23.0C
DATA,1702,7.464,1.2612,1565,-1.363,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1704s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=550mV | Temp=22.9C
DATA,1704,7.464,1.2612,1565,-1.363,550.4,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1706s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=612mV | Temp=23.0C
DATA,1706,7.453,1.2628,1567,-1.351,611.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1708s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.36mS/cm | MFC=670mV | Temp=23.0C
DATA,1708,7.447,1.2636,1568,-1.363,669.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1710s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.36mS/cm | MFC=691mV | Temp=23.0C
DATA,1710,7.480,1.2588,1562,-1.363,690.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1712s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=728mV | Temp=23.0C
DATA,1712,7.436,1.2652,1570,-1.485,727.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1714s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=746mV | Temp=23.0C
DATA,1714,7.453,1.2628,1567,-1.345,746.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1716s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.32mS/cm | MFC=770mV | Temp=23.0C
DATA,1716,7.469,1.2604,1564,-1.322,769.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1718s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.36mS/cm | MFC=824mV | Temp=23.0C
DATA,1718,7.480,1.2588,1562,-1.363,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1720s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.30mS/cm | MFC=817mV | Temp=23.0C
DATA,1720,7.496,1.2563,1559,-1.298,817.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1722s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=824mV | Temp=23.0C
DATA,1722,7.453,1.2628,1567,-1.322,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1724s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.39mS/cm | MFC=854mV | Temp=23.0C
DATA,1724,7.491,1.2571,1560,-1.392,854.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1726s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=869mV | Temp=23.0C
DATA,1726,7.469,1.2604,1564,-1.392,868.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1728s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.36mS/cm | MFC=874mV | Temp=23.0C
DATA,1728,7.464,1.2612,1565,-1.363,874.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1730s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=899mV | Temp=23.0C
DATA,1730,7.469,1.2604,1564,-1.485,898.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1732s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.36mS/cm | MFC=901mV | Temp=23.0C
DATA,1732,7.480,1.2588,1562,-1.363,901.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1734s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=905mV | Temp=23.0C
DATA,1734,7.447,1.2636,1568,-1.392,905.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1736s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.37mS/cm | MFC=907mV | Temp=23.0C
DATA,1736,7.464,1.2612,1565,-1.369,906.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1738s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.37mS/cm | MFC=905mV | Temp=23.0C
DATA,1738,7.464,1.2612,1565,-1.369,905.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1740s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=957mV | Temp=23.0C
DATA,1740,7.447,1.2636,1568,-1.392,957.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

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======= TANK 1 DOSING CYCLE ===========
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04282 wine=-0.01907
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 29
========================================


1744s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2829 ADC=1592 |
EC=-1.35mS/cm | MFC=730mV | Temp=23.0C
DATA,1744,7.317,1.2829,1592,-1.345,730.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1746s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.35mS/cm | MFC=741mV | Temp=23.0C
DATA,1746,7.431,1.2660,1571,-1.345,740.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1748s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.36mS/cm | MFC=741mV | Temp=23.0C
DATA,1748,7.464,1.2612,1565,-1.363,740.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1750s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=731mV | Temp=23.0C
DATA,1750,7.458,1.2620,1566,-1.345,730.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1752s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.36mS/cm | MFC=791mV | Temp=23.0C
DATA,1752,7.475,1.2596,1563,-1.363,790.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1754s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.36mS/cm | MFC=744mV | Temp=23.0C
DATA,1754,7.475,1.2596,1563,-1.363,743.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1756s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.37mS/cm | MFC=746mV | Temp=23.0C
DATA,1756,7.475,1.2596,1563,-1.374,746.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
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1758s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.39mS/cm | MFC=758mV | Temp=23.0C
DATA,1758,7.496,1.2563,1559,-1.392,758.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1760s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.73mS/cm | MFC=773mV | Temp=23.0C
DATA,1760,7.453,1.2628,1567,-1.725,772.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1762s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=788mV | Temp=23.0C
DATA,1762,7.458,1.2620,1566,-1.485,788.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1764s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=807mV | Temp=23.0C
DATA,1764,7.453,1.2628,1567,-1.363,806.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1766s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.35mS/cm | MFC=814mV | Temp=23.0C
DATA,1766,7.491,1.2571,1560,-1.345,813.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1768s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.36mS/cm | MFC=824mV | Temp=23.0C
DATA,1768,7.475,1.2596,1563,-1.363,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1770s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.39mS/cm | MFC=881mV | Temp=23.0C
DATA,1770,7.475,1.2596,1563,-1.392,880.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1772s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.32mS/cm | MFC=824mV | Temp=23.0C
DATA,1772,7.469,1.2604,1564,-1.322,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1774s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=824mV | Temp=23.0C
DATA,1774,7.447,1.2636,1568,-1.345,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1776s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.36mS/cm | MFC=824mV | Temp=23.0C
DATA,1776,7.464,1.2612,1565,-1.363,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1778s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=822mV | Temp=23.0C
DATA,1778,7.458,1.2620,1566,-1.351,822.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1780s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=818mV | Temp=23.0C
DATA,1780,7.458,1.2620,1566,-1.345,817.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1782s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.30mS/cm | MFC=795mV | Temp=23.0C
DATA,1782,7.464,1.2612,1565,-1.298,794.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1784s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=773mV | Temp=23.0C
DATA,1784,7.447,1.2636,1568,-1.392,772.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1786s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=770mV | Temp=23.0C
DATA,1786,7.458,1.2620,1566,-1.345,769.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1788s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=810mV | Temp=23.0C
DATA,1788,7.469,1.2604,1564,-1.485,809.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1790s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.26mS/cm | MFC=753mV | Temp=23.0C
DATA,1790,7.453,1.2628,1567,-1.263,752.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1792s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.36mS/cm | MFC=737mV | Temp=23.0C
DATA,1792,7.491,1.2571,1560,-1.363,736.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1794s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=721mV | Temp=23.0C
DATA,1794,7.469,1.2604,1564,-1.392,721.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1796s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=714mV | Temp=23.0C
DATA,1796,7.453,1.2628,1567,-1.485,714.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1798s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=706mV | Temp=23.0C
DATA,1798,7.464,1.2612,1565,-1.392,705.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1800s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=691mV | Temp=23.0C
DATA,1800,7.464,1.2612,1565,-1.485,691.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ===========
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03518 wine=-0.02672
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 30
========================================

1804s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2805 ADC=1589 |
EC=-1.39mS/cm | MFC=676mV | Temp=23.0C
DATA,1804,7.333,1.2805,1589,-1.392,676.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1806s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.39mS/cm | MFC=618mV | Temp=23.0C
DATA,1806,7.453,1.2628,1567,-1.392,618.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1808s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.37mS/cm | MFC=551mV | Temp=23.0C
DATA,1808,7.464,1.2612,1565,-1.369,551.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1810s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=438mV | Temp=23.0C
DATA,1810,7.464,1.2612,1565,-1.392,437.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1812s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.39mS/cm | MFC=334mV | Temp=23.0C
DATA,1812,7.485,1.2579,1561,-1.392,334.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1814s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.35mS/cm | MFC=202mV | Temp=23.0C
DATA,1814,7.469,1.2604,1564,-1.345,202.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1816s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.35mS/cm | MFC=102mV | Temp=23.0C
DATA,1816,7.469,1.2604,1564,-1.351,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
```

1818s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.20mS/cm | MFC=38mV | Temp=23.0C
DATA,1818,7.464,1.2612,1565,-1.205,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1820s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=36mV | Temp=23.0C
DATA,1820,7.475,1.2596,1563,-1.485,36.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1822s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=31mV | Temp=23.0C
DATA,1822,7.453,1.2628,1567,-1.345,31.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1824s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.32mS/cm | MFC=51mV | Temp=23.0C
DATA,1824,7.464,1.2612,1565,-1.322,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1826s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.35mS/cm | MFC=64mV | Temp=23.0C
DATA,1826,7.458,1.2620,1566,-1.345,63.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1828s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=83mV | Temp=23.0C
DATA,1828,7.464,1.2612,1565,-1.392,83.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1830s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.21mS/cm | MFC=98mV | Temp=23.0C
DATA,1830,7.480,1.2588,1562,-1.211,98.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1832s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.36mS/cm | MFC=135mV | Temp=23.0C
DATA,1832,7.453,1.2628,1567,-1.357,134.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1834s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.36mS/cm | MFC=197mV | Temp=23.0C
DATA,1834,7.480,1.2588,1562,-1.363,196.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1836s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.33mS/cm | MFC=241mV | Temp=23.0C
DATA,1836,7.458,1.2620,1566,-1.328,241.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1838s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=270mV | Temp=23.0C
DATA,1838,7.447,1.2636,1568,-1.345,270.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1840s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=309mV | Temp=23.0C
DATA,1840,7.447,1.2636,1568,-1.392,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1842s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=341mV | Temp=23.0C

DATA,1842,7.453,1.2628,1567,-1.345,340.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1844s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.72mS/cm | MFC=356mV | Temp=23.0C
DATA,1844,7.464,1.2612,1565,-1.719,356.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1846s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.35mS/cm | MFC=383mV | Temp=23.0C
DATA,1846,7.453,1.2628,1567,-1.345,382.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1848s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.37mS/cm | MFC=380mV | Temp=23.0C
DATA,1848,7.464,1.2612,1565,-1.369,379.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1850s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=412mV | Temp=23.0C
DATA,1850,7.464,1.2612,1565,-1.351,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1852s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=412mV | Temp=23.0C
DATA,1852,7.464,1.2612,1565,-1.351,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1854s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=412mV | Temp=23.0C
DATA,1854,7.475,1.2596,1563,-1.345,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1856s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.32mS/cm | MFC=454mV | Temp=23.0C
DATA,1856,7.469,1.2604,1564,-1.322,453.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1858s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.26mS/cm | MFC=444mV | Temp=23.0C
DATA,1858,7.453,1.2628,1567,-1.263,444.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1860s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.39mS/cm | MFC=450mV | Temp=23.0C
DATA,1860,7.480,1.2588,1562,-1.392,449.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153

Learned pH/mL: urine=+0.03238 wine=-0.02951
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 31
=======================================

1864s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2805 ADC=1589 |
EC=-1.39mS/cm | MFC=331mV | Temp=23.0C
DATA,1864,7.333,1.2805,1589,-1.392,331.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1866s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=328mV | Temp=23.0C
DATA,1866,7.464,1.2612,1565,-1.392,328.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1868s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.39mS/cm | MFC=309mV | Temp=23.0C
DATA,1868,7.458,1.2620,1566,-1.392,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1870s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.0C
DATA,1870,7.442,1.2644,1569,-1.485,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1872s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.31mS/cm | MFC=305mV | Temp=23.0C
DATA,1872,7.458,1.2620,1566,-1.310,305.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1874s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.39mS/cm | MFC=283mV | Temp=23.0C
DATA,1874,7.475,1.2596,1563,-1.392,282.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1876s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.39mS/cm | MFC=264mV | Temp=23.0C
DATA,1876,7.458,1.2620,1566,-1.392,263.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1878s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=244mV | Temp=23.0C
DATA,1878,7.447,1.2636,1568,-1.392,244.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1880s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.20mS/cm | MFC=235mV | Temp=23.0C

DATA,1880,7.475,1.2596,1563,-1.205,235.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1882s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=205mV | Temp=23.0C
DATA,1882,7.447,1.2636,1568,-1.485,205.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1884s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=205mV | Temp=23.0C
DATA,1884,7.469,1.2604,1564,-1.485,205.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1886s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.36mS/cm | MFC=270mV | Temp=22.9C
DATA,1886,7.469,1.2604,1564,-1.363,270.0,22.94,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1888s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=240mV | Temp=23.0C
DATA,1888,7.458,1.2620,1566,-1.485,240.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1890s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.37mS/cm | MFC=244mV | Temp=23.0C
DATA,1890,7.464,1.2612,1565,-1.374,244.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1892s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.39mS/cm | MFC=280mV | Temp=23.0C
DATA,1892,7.475,1.2596,1563,-1.392,280.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1894s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=346mV | Temp=23.0C
DATA,1894,7.458,1.2620,1566,-1.485,345.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1896s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.39mS/cm | MFC=293mV | Temp=23.0C
DATA,1896,7.464,1.2612,1565,-1.392,292.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1898s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=370mV | Temp=23.0C
DATA,1898,7.458,1.2620,1566,-1.485,369.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1900s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.26mS/cm | MFC=326mV | Temp=23.0C
DATA,1900,7.469,1.2604,1564,-1.263,325.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1902s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.12mS/cm | MFC=347mV | Temp=23.0C

DATA,1902,7.485,1.2579,1561,-1.117,347.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1904s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.20mS/cm | MFC=333mV | Temp=23.0C
DATA,1904,7.469,1.2604,1564,-1.205,332.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1906s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.51mS/cm | MFC=332mV | Temp=23.0C
DATA,1906,7.469,1.2604,1564,-1.509,332.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1908s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.36mS/cm | MFC=309mV | Temp=23.0C
DATA,1908,7.458,1.2620,1566,-1.363,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1910s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=334mV | Temp=23.0C
DATA,1910,7.469,1.2604,1564,-1.392,334.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1912s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.39mS/cm | MFC=344mV | Temp=23.0C
DATA,1912,7.453,1.2628,1567,-1.392,344.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1914s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=347mV | Temp=23.0C
DATA,1914,7.475,1.2596,1563,-1.485,347.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1916s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.18mS/cm | MFC=334mV | Temp=23.0C
DATA,1916,7.464,1.2612,1565,-1.176,334.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1918s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.40mS/cm | MFC=334mV | Temp=23.0C
DATA,1918,7.447,1.2636,1568,-1.398,334.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1920s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.39mS/cm | MFC=377mV | Temp=23.0C
DATA,1920,7.453,1.2628,1567,-1.392,377.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153

Learned pH/mL: urine=+0.03965 wine=-0.02224
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 32
=======================================

1924s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2813 ADC=1590 |
EC=-1.39mS/cm | MFC=397mV | Temp=23.0C
DATA,1924,7.328,1.2813,1590,-1.392,397.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
1926s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.16mS/cm | MFC=373mV | Temp=23.0C
DATA,1926,7.442,1.2644,1569,-1.158,373.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1928s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=378mV | Temp=23.0C
DATA,1928,7.442,1.2644,1569,-1.392,377.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1930s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=405mV | Temp=23.0C
DATA,1930,7.475,1.2596,1563,-1.485,404.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1932s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=328mV | Temp=23.0C
DATA,1932,7.442,1.2644,1569,-1.485,328.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1934s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.36mS/cm | MFC=309mV | Temp=23.0C
DATA,1934,7.464,1.2612,1565,-1.363,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1936s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=293mV | Temp=23.0C
DATA,1936,7.485,1.2579,1561,-1.485,292.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1938s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.25mS/cm | MFC=269mV | Temp=23.0C
DATA,1938,7.469,1.2604,1564,-1.252,269.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1940s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.39mS/cm | MFC=248mV | Temp=23.0C

DATA,1940,7.475,1.2596,1563,-1.392,248.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1942s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=205mV | Temp=23.0C
DATA,1942,7.485,1.2579,1561,-1.485,205.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1944s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=186mV | Temp=23.0C
DATA,1944,7.475,1.2596,1563,-1.485,186.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1946s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.36mS/cm | MFC=149mV | Temp=23.0C
DATA,1946,7.453,1.2628,1567,-1.357,149.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1948s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=128mV | Temp=23.0C
DATA,1948,7.447,1.2636,1568,-1.392,128.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1950s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.0C
DATA,1950,7.469,1.2604,1564,-1.485,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1952s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=89mV | Temp=23.0C
DATA,1952,7.475,1.2596,1563,-1.345,89.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1954s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.30mS/cm | MFC=83mV | Temp=23.1C
DATA,1954,7.469,1.2604,1564,-1.298,83.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1956s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=76mV | Temp=23.0C
DATA,1956,7.464,1.2612,1565,-1.345,75.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1958s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=70mV | Temp=23.0C
DATA,1958,7.442,1.2644,1569,-1.485,70.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1960s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=64mV | Temp=23.0C
DATA,1960,7.464,1.2612,1565,-1.345,63.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1962s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=57mV | Temp=23.0C
DATA,1962,7.475,1.2596,1563,-1.485,57.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1964s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.0C
DATA,1964,7.464,1.2612,1565,-1.485,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

1966s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=50mV | Temp=23.0C
DATA,1966,7.453,1.2628,1567,-1.485,50.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1968s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.40mS/cm | MFC=38mV | Temp=23.0C
DATA,1968,7.447,1.2636,1568,-1.398,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1970s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=31mV | Temp=23.0C
DATA,1970,7.464,1.2612,1565,-1.392,30.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1972s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.40mS/cm | MFC=19mV | Temp=23.0C
DATA,1972,7.469,1.2604,1564,-1.398,18.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1974s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=12mV | Temp=23.0C
DATA,1974,7.464,1.2612,1565,-1.485,12.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1976s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.40mS/cm | MFC=51mV | Temp=23.0C
DATA,1976,7.453,1.2628,1567,-1.398,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1978s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.39mS/cm | MFC=89mV | Temp=23.0C
DATA,1978,7.431,1.2660,1571,-1.392,88.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
1980s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.36mS/cm | MFC=115mV | Temp=23.0C
DATA,1980,7.464,1.2612,1565,-1.357,115.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04401 wine=-0.01788
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 33
==

1984s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.49mS/cm | MFC=489mV | Temp=23.0C
DATA,1984,7.360,1.2765,1584,-1.485,489.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

1986s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.23mS/cm | MFC=497mV | Temp=23.0C
DATA,1986,7.469,1.2604,1564,-1.228,497.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1988s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=546mV | Temp=23.0C
DATA,1988,7.442,1.2644,1569,-1.485,545.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1990s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=578mV | Temp=23.0C
DATA,1990,7.469,1.2604,1564,-1.485,577.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1992s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.39mS/cm | MFC=612mV | Temp=23.0C
DATA,1992,7.491,1.2571,1560,-1.392,611.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1994s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=609mV | Temp=23.0C
DATA,1994,7.453,1.2628,1567,-1.485,609.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1996s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=650mV | Temp=23.0C
DATA,1996,7.485,1.2579,1561,-1.485,650.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
1998s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=662mV | Temp=23.0C
DATA,1998,7.464,1.2612,1565,-1.392,662.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2000s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=679mV | Temp=23.0C
DATA,2000,7.447,1.2636,1568,-1.485,679.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2002s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.35mS/cm | MFC=689mV | Temp=23.0C
DATA,2002,7.469,1.2604,1564,-1.345,689.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2004s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.39mS/cm | MFC=757mV | Temp=23.0C
DATA,2004,7.480,1.2588,1562,-1.392,756.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2006s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.49mS/cm | MFC=812mV | Temp=23.0C
DATA,2006,7.480,1.2588,1562,-1.485,811.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2008s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.39mS/cm | MFC=741mV | Temp=23.0C
DATA,2008,7.480,1.2588,1562,-1.392,740.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2010s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.39mS/cm | MFC=777mV | Temp=23.0C
DATA,2010,7.475,1.2596,1563,-1.392,776.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2012s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.39mS/cm | MFC=798mV | Temp=23.0C
DATA,2012,7.464,1.2612,1565,-1.392,797.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2014s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=824mV | Temp=23.0C
DATA,2014,7.469,1.2604,1564,-1.392,824.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2016s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=881mV | Temp=23.0C
DATA,2016,7.469,1.2604,1564,-1.485,880.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2018s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.39mS/cm | MFC=940mV | Temp=23.0C
DATA,2018,7.496,1.2563,1559,-1.392,940.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2020s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=1030mV | Temp=23.0C
DATA,2020,7.480,1.2588,1562,-1.485,1029.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2022s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.20mS/cm | MFC=1081mV | Temp=23.0C
DATA,2022,7.464,1.2612,1565,-1.205,1080.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2024s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.20mS/cm | MFC=1121mV | Temp=23.0C
DATA,2024,7.480,1.2588,1562,-1.205,1121.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2026s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.11mS/cm | MFC=1185mV | Temp=23.0C
DATA,2026,7.480,1.2588,1562,-1.111,1185.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2028s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=1179mV | Temp=23.0C
DATA,2028,7.469,1.2604,1564,-1.392,1179.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2030s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.39mS/cm | MFC=1130mV | Temp=23.0C
DATA,2030,7.491,1.2571,1560,-1.392,1129.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2032s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.36mS/cm | MFC=781mV | Temp=23.0C
DATA,2032,7.480,1.2588,1562,-1.363,780.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2034s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=528mV | Temp=23.0C
DATA,2034,7.458,1.2620,1566,-1.485,527.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2036s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.0C
DATA,2036,7.453,1.2628,1567,-1.485,463.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2038s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,2038,7.458,1.2620,1566,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2040s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=231mV | Temp=23.0C
DATA,2040,7.485,1.2579,1561,-1.485,231.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04663 wine=-0.01526
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 34
==

2044s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2797 ADC=1588 |
EC=-1.39mS/cm | MFC=283mV | Temp=23.0C
DATA,2044,7.339,1.2797,1588,-1.392,282.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

2046s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=251mV | Temp=23.0C
DATA,2046,7.464,1.2612,1565,-1.485,250.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2048s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.58mS/cm | MFC=102mV | Temp=23.0C
DATA,2048,7.453,1.2628,1567,-1.579,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2050s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.49mS/cm | MFC=77mV | Temp=23.0C
DATA,2050,7.491,1.2571,1560,-1.485,76.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2052s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.30mS/cm | MFC=51mV | Temp=23.0C
DATA,2052,7.464,1.2612,1565,-1.298,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2054s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.39mS/cm | MFC=31mV | Temp=23.0C
DATA,2054,7.502,1.2555,1558,-1.392,31.4,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2056s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.49mS/cm | MFC=38mV | Temp=23.0C
DATA,2056,7.491,1.2571,1560,-1.485,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2058s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.49mS/cm | MFC=166mV | Temp=23.0C
DATA,2058,7.502,1.2555,1558,-1.485,166.0,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2060s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.23mS/cm | MFC=399mV | Temp=23.0C
DATA,2060,7.475,1.2596,1563,-1.228,398.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2062s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=612mV | Temp=23.0C
DATA,2062,7.464,1.2612,1565,-1.485,611.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2064s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.39mS/cm | MFC=705mV | Temp=23.0C
DATA,2064,7.475,1.2596,1563,-1.392,705.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2066s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.39mS/cm | MFC=785mV | Temp=23.0C
DATA,2066,7.491,1.2571,1560,-1.392,784.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2068s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.39mS/cm | MFC=861mV | Temp=23.0C

DATA,2068,7.480,1.2588,1562,-1.392,861.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2070s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.39mS/cm | MFC=950mV | Temp=23.0C
DATA,2070,7.491,1.2571,1560,-1.392,950.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2072s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.50mS/cm | MFC=1086mV | Temp=23.0C
DATA,2072,7.485,1.2579,1561,-1.497,1086.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2074s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=1116mV | Temp=23.0C
DATA,2074,7.458,1.2620,1566,-1.485,1116.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2076s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=1172mV | Temp=23.0C
DATA,2076,7.475,1.2596,1563,-1.485,1171.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2078s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=1221mV | Temp=23.0C
DATA,2078,7.453,1.2628,1567,-1.485,1220.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2080s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.36mS/cm | MFC=1202mV | Temp=23.0C
DATA,2080,7.469,1.2604,1564,-1.363,1202.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2082s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.36mS/cm | MFC=1169mV | Temp=23.0C
DATA,2082,7.469,1.2604,1564,-1.357,1169.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2084s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=1081mV | Temp=23.0C
DATA,2084,7.458,1.2620,1566,-1.485,1081.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2086s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=718mV | Temp=23.0C
DATA,2086,7.469,1.2604,1564,-1.392,718.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2088s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=515mV | Temp=23.0C
DATA,2088,7.475,1.2596,1563,-1.345,514.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2090s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=489mV | Temp=23.0C

DATA,2090,7.464,1.2612,1565,-1.392,489.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2092s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.39mS/cm | MFC=383mV | Temp=23.1C
DATA,2092,7.458,1.2620,1566,-1.392,382.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2094s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.39mS/cm | MFC=309mV | Temp=23.0C
DATA,2094,7.453,1.2628,1567,-1.392,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2096s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=231mV | Temp=23.1C
DATA,2096,7.453,1.2628,1567,-1.485,231.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2098s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.35mS/cm | MFC=121mV | Temp=23.0C
DATA,2098,7.491,1.2571,1560,-1.345,120.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2100s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.63mS/cm | MFC=81mV | Temp=23.0C
DATA,2100,7.453,1.2628,1567,-1.626,81.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

```
=========================================
======= TANK 1 DOSING CYCLE ============
=========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04462 wine=-0.01727
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 35
=========================================
```

2104s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2797 ADC=1588 |
EC=-1.39mS/cm | MFC=601mV | Temp=23.0C
DATA,2104,7.339,1.2797,1588,-1.392,601.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2106s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.36mS/cm | MFC=683mV | Temp=23.0C
DATA,2106,7.453,1.2628,1567,-1.363,682.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2108s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.40mS/cm | MFC=792mV | Temp=23.0C
DATA,2108,7.469,1.2604,1564,-1.398,792.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2110s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.33mS/cm | MFC=824mV | Temp=23.0C
DATA,2110,7.496,1.2563,1559,-1.333,823.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2112s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.18mS/cm | MFC=902mV | Temp=23.0C
DATA,2112,7.480,1.2588,1562,-1.182,901.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2114s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.49mS/cm | MFC=1052mV | Temp=23.0C
DATA,2114,7.496,1.2563,1559,-1.485,1052.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2116s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.40mS/cm | MFC=1108mV | Temp=23.0C
DATA,2116,7.502,1.2555,1558,-1.398,1108.1,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.861
1,0.0000
2118s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.23mS/cm | MFC=1236mV | Temp=23.0C
DATA,2118,7.502,1.2555,1558,-1.234,1236.2,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.861
1,0.0000
2120s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.13mS/cm | MFC=1196mV | Temp=23.1C
DATA,2120,7.502,1.2555,1558,-1.129,1195.9,23.06,RECOVER_HIGH(wine),3.0,1,0.0000,4.861
1,0.0000
2122s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 |
EC=-1.49mS/cm | MFC=1061mV | Temp=23.0C
DATA,2122,7.529,1.2515,1553,-1.485,1061.3,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.861
1,0.0000
2124s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.49mS/cm | MFC=592mV | Temp=23.1C
DATA,2124,7.507,1.2547,1557,-1.485,592.3,23.06,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
2126s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.23mS/cm | MFC=383mV | Temp=23.0C
DATA,2126,7.491,1.2571,1560,-1.228,382.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2128s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.25mS/cm | MFC=238mV | Temp=23.0C
DATA,2128,7.507,1.2547,1557,-1.252,237.7,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000

2130s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.30mS/cm | MFC=95mV | Temp=23.0C
DATA,2130,7.502,1.2555,1558,-1.298,95.1,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2132s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.49mS/cm | MFC=51mV | Temp=23.0C
DATA,2132,7.507,1.2547,1557,-1.485,50.8,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2134s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.20mS/cm | MFC=102mV | Temp=23.1C
DATA,2134,7.475,1.2596,1563,-1.205,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2136s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.20mS/cm | MFC=513mV | Temp=23.0C
DATA,2136,7.502,1.2555,1558,-1.205,512.5,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2138s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.32mS/cm | MFC=734mV | Temp=23.0C
DATA,2138,7.518,1.2531,1555,-1.322,734.1,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2140s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.49mS/cm | MFC=870mV | Temp=23.0C
DATA,2140,7.496,1.2563,1559,-1.485,869.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2142s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=1103mV | Temp=23.0C
DATA,2142,7.480,1.2588,1562,-1.485,1103.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2144s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.39mS/cm | MFC=1206mV | Temp=23.0C
DATA,2144,7.507,1.2547,1557,-1.392,1206.4,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2146s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.49mS/cm | MFC=1164mV | Temp=23.1C
DATA,2146,7.491,1.2571,1560,-1.485,1163.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2148s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.30mS/cm | MFC=685mV | Temp=23.0C
DATA,2148,7.513,1.2539,1556,-1.298,685.0,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
2150s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.49mS/cm | MFC=412mV | Temp=23.0C
DATA,2150,7.502,1.2555,1558,-1.485,411.8,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

2152s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 |
EC=-1.26mS/cm | MFC=205mV | Temp=23.0C
DATA,2152,7.513,1.2539,1556,-1.257,205.5,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
2154s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.67mS/cm | MFC=96mV | Temp=23.1C
DATA,2154,7.496,1.2563,1559,-1.672,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2156s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 |
EC=-1.17mS/cm | MFC=25mV | Temp=23.0C
DATA,2156,7.529,1.2515,1553,-1.170,25.0,23.00,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
2158s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=186mV | Temp=23.0C
DATA,2158,7.485,1.2579,1561,-1.485,186.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2160s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.49mS/cm | MFC=592mV | Temp=23.0C
DATA,2160,7.496,1.2563,1559,-1.485,592.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

===
======= TANK 1 DOSING CYCLE ============
===
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.04879 wine=-0.01311
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 36
===

2169s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2805 ADC=1589 |
EC=-1.49mS/cm | MFC=328mV | Temp=23.1C
DATA,2169,7.333,1.2805,1589,-1.485,328.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2171s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.49mS/cm | MFC=192mV | Temp=23.0C
DATA,2171,7.491,1.2571,1560,-1.485,191.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2173s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.51mS/cm | MFC=70mV | Temp=23.0C

DATA,2173,7.480,1.2588,1562,-1.515,70.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2175s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.26mS/cm | MFC=57mV | Temp=23.0C
DATA,2175,7.447,1.2636,1568,-1.257,57.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2177s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=25mV | Temp=23.0C
DATA,2177,7.447,1.2636,1568,-1.485,25.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2179s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.37mS/cm | MFC=201mV | Temp=23.0C
DATA,2179,7.453,1.2628,1567,-1.369,200.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2181s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.36mS/cm | MFC=525mV | Temp=23.1C
DATA,2181,7.436,1.2652,1570,-1.363,524.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2183s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=689mV | Temp=23.1C
DATA,2183,7.447,1.2636,1568,-1.485,689.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2185s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=821mV | Temp=23.0C
DATA,2185,7.442,1.2644,1569,-1.485,821.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2187s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=867mV | Temp=23.1C
DATA,2187,7.442,1.2644,1569,-1.485,867.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2189s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.30mS/cm | MFC=1025mV | Temp=23.0C
DATA,2189,7.436,1.2652,1570,-1.298,1025.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2191s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=1113mV | Temp=23.0C
DATA,2191,7.447,1.2636,1568,-1.485,1112.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2193s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.14mS/cm | MFC=1179mV | Temp=23.0C
DATA,2193,7.458,1.2620,1566,-1.141,1179.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2195s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=1190mV | Temp=23.1C
DATA,2195,7.453,1.2628,1567,-1.485,1190.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

2197s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=1156mV | Temp=23.0C
DATA,2197,7.436,1.2652,1570,-1.485,1156.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2199s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=791mV | Temp=23.1C
DATA,2199,7.447,1.2636,1568,-1.485,791.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2201s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=476mV | Temp=23.1C
DATA,2201,7.436,1.2652,1570,-1.485,476.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2203s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.53mS/cm | MFC=376mV | Temp=23.1C
DATA,2203,7.453,1.2628,1567,-1.532,376.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2205s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=254mV | Temp=23.0C
DATA,2205,7.431,1.2660,1571,-1.485,253.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2207s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.30mS/cm | MFC=119mV | Temp=23.0C
DATA,2207,7.458,1.2620,1566,-1.298,119.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2209s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.54mS/cm | MFC=73mV | Temp=23.0C
DATA,2209,7.447,1.2636,1568,-1.538,73.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2211s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=38mV | Temp=23.0C
DATA,2211,7.442,1.2644,1569,-1.485,37.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2213s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.39mS/cm | MFC=86mV | Temp=23.1C
DATA,2213,7.442,1.2644,1569,-1.392,86.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2215s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,2215,7.447,1.2636,1568,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2217s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=637mV | Temp=23.1C
DATA,2217,7.415,1.2684,1574,-1.485,637.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2219s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=712mV | Temp=23.1C

DATA,2219,7.453,1.2628,1567,-1.485,711.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2221s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=799mV | Temp=23.0C
DATA,2221,7.464,1.2612,1565,-1.485,798.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04879 wine=-0.01234
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 37
========================================
```

2224s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 | EC=-1.25mS/cm | MFC=51mV | Temp=23.0C
DATA,2224,7.301,1.2853,1595,-1.252,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2226s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=22mV | Temp=23.1C
DATA,2226,7.458,1.2620,1566,-1.485,21.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2228s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.35mS/cm | MFC=147mV | Temp=23.1C
DATA,2228,7.464,1.2612,1565,-1.345,147.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2230s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,2230,7.426,1.2668,1572,-1.485,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2232s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=637mV | Temp=23.0C
DATA,2232,7.475,1.2596,1563,-1.485,636.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2234s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=715mV | Temp=23.1C
DATA,2234,7.464,1.2612,1565,-1.485,714.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2236s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.49mS/cm | MFC=786mV | Temp=23.0C
DATA,2236,7.480,1.2588,1562,-1.485,785.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2238s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=868mV | Temp=23.0C
DATA,2238,7.453,1.2628,1567,-1.485,867.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2240s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.26mS/cm | MFC=1009mV | Temp=23.0C
DATA,2240,7.469,1.2604,1564,-1.257,1008.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2242s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1082mV | Temp=23.1C
DATA,2242,7.436,1.2652,1570,-1.485,1082.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2244s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=1145mV | Temp=23.1C
DATA,2244,7.442,1.2644,1569,-1.485,1145.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2246s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.11mS/cm | MFC=1189mV | Temp=23.0C
DATA,2246,7.458,1.2620,1566,-1.111,1189.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2248s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=1179mV | Temp=23.0C
DATA,2248,7.442,1.2644,1569,-1.392,1179.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2250s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=1140mV | Temp=23.0C
DATA,2250,7.453,1.2628,1567,-1.485,1140.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2252s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=1052mV | Temp=23.1C
DATA,2252,7.447,1.2636,1568,-1.485,1052.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2254s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=783mV | Temp=23.1C
DATA,2254,7.458,1.2620,1566,-1.485,783.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2256s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=618mV | Temp=23.0C
DATA,2256,7.458,1.2620,1566,-1.485,618.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2258s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=534mV | Temp=23.0C
DATA,2258,7.436,1.2652,1570,-1.485,534.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2260s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=461mV | Temp=23.1C
DATA,2260,7.453,1.2628,1567,-1.485,461.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2262s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.20mS/cm | MFC=412mV | Temp=23.0C
DATA,2262,7.453,1.2628,1567,-1.205,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2264s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=370mV | Temp=23.1C
DATA,2264,7.442,1.2644,1569,-1.392,369.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2266s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.20mS/cm | MFC=309mV | Temp=23.0C
DATA,2266,7.453,1.2628,1567,-1.205,308.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2268s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=257mV | Temp=23.1C
DATA,2268,7.447,1.2636,1568,-1.485,257.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2270s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=201mV | Temp=23.0C
DATA,2270,7.475,1.2596,1563,-1.485,200.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2272s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.51mS/cm | MFC=125mV | Temp=23.1C
DATA,2272,7.453,1.2628,1567,-1.509,124.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2274s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=101mV | Temp=23.1C
DATA,2274,7.464,1.2612,1565,-1.485,100.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2276s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=77mV | Temp=23.0C
DATA,2276,7.464,1.2612,1565,-1.345,76.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2278s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.36mS/cm | MFC=64mV | Temp=23.1C
DATA,2278,7.464,1.2612,1565,-1.363,63.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2280s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.53mS/cm | MFC=62mV | Temp=23.1C

DATA,2280,7.464,1.2612,1565,-1.532,62.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
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Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03499 wine=-0.02613
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 38
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2284s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 |
EC=-1.39mS/cm | MFC=412mV | Temp=23.1C
DATA,2284,7.301,1.2853,1595,-1.392,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2286s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=328mV | Temp=23.1C
DATA,2286,7.447,1.2636,1568,-1.392,328.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2288s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=300mV | Temp=23.0C
DATA,2288,7.436,1.2652,1570,-1.485,299.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2290s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=306mV | Temp=23.1C
DATA,2290,7.453,1.2628,1567,-1.485,306.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2292s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=280mV | Temp=23.1C
DATA,2292,7.442,1.2644,1569,-1.485,279.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2294s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=268mV | Temp=23.0C
DATA,2294,7.442,1.2644,1569,-1.485,267.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2296s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.20mS/cm | MFC=257mV | Temp=23.1C
DATA,2296,7.442,1.2644,1569,-1.205,257.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2298s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.35mS/cm | MFC=231mV | Temp=23.0C
DATA,2298,7.480,1.2588,1562,-1.345,231.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2300s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.39mS/cm | MFC=225mV | Temp=23.0C
DATA,2300,7.469,1.2604,1564,-1.392,224.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2302s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=201mV | Temp=23.1C
DATA,2302,7.447,1.2636,1568,-1.345,200.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2304s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=172mV | Temp=23.0C
DATA,2304,7.436,1.2652,1570,-1.485,171.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2306s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.35mS/cm | MFC=125mV | Temp=23.1C
DATA,2306,7.458,1.2620,1566,-1.351,124.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2308s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.35mS/cm | MFC=102mV | Temp=23.1C
DATA,2308,7.442,1.2644,1569,-1.351,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2310s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2310,7.464,1.2612,1565,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2312s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.58mS/cm | MFC=102mV | Temp=23.0C
DATA,2312,7.442,1.2644,1569,-1.579,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2314s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.40mS/cm | MFC=86mV | Temp=23.0C
DATA,2314,7.431,1.2660,1571,-1.398,86.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2316s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.39mS/cm | MFC=93mV | Temp=23.0C
DATA,2316,7.464,1.2612,1565,-1.392,93.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2318s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.32mS/cm | MFC=77mV | Temp=23.0C
DATA,2318,7.442,1.2644,1569,-1.322,76.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2320s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.21mS/cm | MFC=64mV | Temp=23.0C
DATA,2320,7.458,1.2620,1566,-1.211,63.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2322s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.36mS/cm | MFC=51mV | Temp=23.0C
DATA,2322,7.453,1.2628,1567,-1.363,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2324s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,2324,7.453,1.2628,1567,-1.485,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2326s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=44mV | Temp=23.1C
DATA,2326,7.447,1.2636,1568,-1.485,44.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2328s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=40mV | Temp=23.1C
DATA,2328,7.469,1.2604,1564,-1.485,40.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2330s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=19mV | Temp=23.0C
DATA,2330,7.458,1.2620,1566,-1.485,18.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2332s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=25mV | Temp=23.0C
DATA,2332,7.469,1.2604,1564,-1.392,25.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2334s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=0mV | Temp=23.1C
DATA,2334,7.447,1.2636,1568,-1.304,0.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2336s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=50mV | Temp=23.1C
DATA,2336,7.442,1.2644,1569,-1.485,50.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2338s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=25mV | Temp=23.1C
DATA,2338,7.442,1.2644,1569,-1.392,25.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2340s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.0C
DATA,2340,7.415,1.2684,1574,-1.485,50.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04103 wine=-0.02009
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 39
==

2344s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2797 ADC=1588 |
EC=-1.49mS/cm | MFC=1112mV | Temp=23.1C
DATA,2344,7.339,1.2797,1588,-1.485,1112.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2346s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.35mS/cm | MFC=1139mV | Temp=23.0C
DATA,2346,7.464,1.2612,1565,-1.351,1139.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2348s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1198mV | Temp=23.1C
DATA,2348,7.436,1.2652,1570,-1.485,1198.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2350s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=1225mV | Temp=23.1C
DATA,2350,7.464,1.2612,1565,-1.392,1224.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2352s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=1204mV | Temp=23.1C
DATA,2352,7.464,1.2612,1565,-1.392,1204.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2354s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1176mV | Temp=23.1C
DATA,2354,7.426,1.2668,1572,-1.485,1175.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2356s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.17mS/cm | MFC=1151mV | Temp=23.1C
DATA,2356,7.469,1.2604,1564,-1.170,1150.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2358s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=983mV | Temp=23.1C
DATA,2358,7.436,1.2652,1570,-1.485,983.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2360s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=721mV | Temp=23.1C
DATA,2360,7.442,1.2644,1569,-1.485,721.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2362s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=562mV | Temp=23.0C
DATA,2362,7.458,1.2620,1566,-1.485,562.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2364s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C

DATA,2364,7.453,1.2628,1567,-1.485,463.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2366s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=399mV | Temp=23.0C
DATA,2366,7.458,1.2620,1566,-1.392,398.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2368s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.23mS/cm | MFC=326mV | Temp=23.1C
DATA,2368,7.447,1.2636,1568,-1.234,325.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2370s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=254mV | Temp=23.1C
DATA,2370,7.480,1.2588,1562,-1.485,253.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2372s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=179mV | Temp=23.0C
DATA,2372,7.480,1.2588,1562,-1.485,178.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2374s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.54mS/cm | MFC=94mV | Temp=23.1C
DATA,2374,7.447,1.2636,1568,-1.538,94.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2376s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=81mV | Temp=23.0C
DATA,2376,7.453,1.2628,1567,-1.485,81.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2378s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.32mS/cm | MFC=51mV | Temp=23.1C
DATA,2378,7.453,1.2628,1567,-1.322,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2380s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=25mV | Temp=23.1C
DATA,2380,7.469,1.2604,1564,-1.485,25.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2382s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.22mS/cm | MFC=68mV | Temp=23.1C
DATA,2382,7.464,1.2612,1565,-1.217,68.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2384s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,2384,7.464,1.2612,1565,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2386s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.40mS/cm | MFC=438mV | Temp=23.1C
DATA,2386,7.447,1.2636,1568,-1.398,437.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2388s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=618mV | Temp=23.0C

DATA,2388,7.447,1.2636,1568,-1.485,618.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2390s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.39mS/cm | MFC=679mV | Temp=23.1C
DATA,2390,7.475,1.2596,1563,-1.392,679.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2392s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=744mV | Temp=23.0C
DATA,2392,7.447,1.2636,1568,-1.485,743.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2394s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.20mS/cm | MFC=805mV | Temp=23.1C
DATA,2394,7.447,1.2636,1568,-1.205,805.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2396s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=869mV | Temp=23.0C
DATA,2396,7.453,1.2628,1567,-1.485,868.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2398s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=967mV | Temp=23.1C
DATA,2398,7.447,1.2636,1568,-1.485,967.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2400s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=1072mV | Temp=23.1C
DATA,2400,7.447,1.2636,1568,-1.345,1071.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ===========
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03750 wine=-0.02362
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 40
========================================
```

2404s | pH=7.31 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2845 ADC=1594 |
EC=-1.49mS/cm | MFC=914mV | Temp=23.1C

DATA,2404,7.306,1.2845,1594,-1.485,913.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2406s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1020mV | Temp=23.1C
DATA,2406,7.426,1.2668,1572,-1.485,1020.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2408s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1091mV | Temp=23.0C
DATA,2408,7.431,1.2660,1571,-1.485,1091.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2410s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.36mS/cm | MFC=1098mV | Temp=23.1C
DATA,2410,7.442,1.2644,1569,-1.363,1097.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2412s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1160mV | Temp=23.0C
DATA,2412,7.426,1.2668,1572,-1.485,1159.6,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2414s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.39mS/cm | MFC=1171mV | Temp=23.1C
DATA,2414,7.393,1.2716,1578,-1.392,1170.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2416s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1211mV | Temp=23.1C
DATA,2416,7.436,1.2652,1570,-1.485,1211.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2418s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=1209mV | Temp=23.1C
DATA,2418,7.393,1.2716,1578,-1.485,1208.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2420s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1198mV | Temp=23.1C
DATA,2420,7.431,1.2660,1571,-1.485,1198.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2422s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.16mS/cm | MFC=1140mV | Temp=23.0C
DATA,2422,7.447,1.2636,1568,-1.164,1140.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2424s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=1112mV | Temp=23.1C
DATA,2424,7.409,1.2692,1575,-1.485,1112.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2426s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=870mV | Temp=23.0C

DATA,2426,7.409,1.2692,1575,-1.485,869.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2428s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=666mV | Temp=23.1C
DATA,2428,7.426,1.2668,1572,-1.485,666.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2430s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=612mV | Temp=23.1C
DATA,2430,7.436,1.2652,1570,-1.485,611.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2432s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=546mV | Temp=23.1C
DATA,2432,7.404,1.2700,1576,-1.485,545.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2434s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=489mV | Temp=23.0C
DATA,2434,7.431,1.2660,1571,-1.485,489.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2436s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=455mV | Temp=23.1C
DATA,2436,7.436,1.2652,1570,-1.485,455.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2438s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.39mS/cm | MFC=412mV | Temp=23.0C
DATA,2438,7.442,1.2644,1569,-1.392,411.8,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2440s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.39mS/cm | MFC=384mV | Temp=23.1C
DATA,2440,7.426,1.2668,1572,-1.392,384.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2442s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=356mV | Temp=23.0C
DATA,2442,7.388,1.2725,1579,-1.485,356.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2444s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.25mS/cm | MFC=334mV | Temp=23.1C
DATA,2444,7.442,1.2644,1569,-1.252,334.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2446s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.39mS/cm | MFC=293mV | Temp=23.0C
DATA,2446,7.404,1.2700,1576,-1.392,292.5,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2448s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.25mS/cm | MFC=283mV | Temp=23.1C

DATA,2448,7.431,1.2660,1571,-1.252,282.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2450s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=268mV | Temp=23.1C
DATA,2450,7.420,1.2676,1573,-1.485,267.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2452s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.39mS/cm | MFC=244mV | Temp=23.1C
DATA,2452,7.415,1.2684,1574,-1.392,244.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2454s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,2454,7.404,1.2700,1576,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2456s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=243mV | Temp=23.1C
DATA,2456,7.426,1.2668,1572,-1.485,242.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2458s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.32mS/cm | MFC=240mV | Temp=23.1C
DATA,2458,7.426,1.2668,1572,-1.316,240.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2460s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=244mV | Temp=23.1C
DATA,2460,7.398,1.2708,1577,-1.485,244.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

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========================================
======= TANK 1 DOSING CYCLE ===========
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.02822 wine=-0.03290
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 41
========================================
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2464s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2886 ADC=1599 | EC=-1.49mS/cm | MFC=333mV | Temp=23.1C

DATA,2464,7.279,1.2886,1599,-1.485,332.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2466s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=340mV | Temp=23.1C
DATA,2466,7.426,1.2668,1572,-1.485,340.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2468s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=325mV | Temp=23.1C
DATA,2468,7.398,1.2708,1577,-1.485,324.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2470s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=328mV | Temp=23.0C
DATA,2470,7.442,1.2644,1569,-1.485,328.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2472s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=322mV | Temp=23.1C
DATA,2472,7.436,1.2652,1570,-1.485,321.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2474s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,2474,7.431,1.2660,1571,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2476s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.16mS/cm | MFC=307mV | Temp=23.1C
DATA,2476,7.398,1.2708,1577,-1.158,307.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2478s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=300mV | Temp=23.1C
DATA,2478,7.393,1.2716,1578,-1.485,299.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2480s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.14mS/cm | MFC=293mV | Temp=23.1C
DATA,2480,7.415,1.2684,1574,-1.141,292.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2482s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=268mV | Temp=23.1C
DATA,2482,7.404,1.2700,1576,-1.485,268.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2484s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=244mV | Temp=23.0C
DATA,2484,7.415,1.2684,1574,-1.485,244.2,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2486s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=225mV | Temp=23.1C

DATA,2486,7.409,1.2692,1575,-1.485,224.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2488s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.50mS/cm | MFC=204mV | Temp=23.1C
DATA,2488,7.398,1.2708,1577,-1.503,203.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2490s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=193mV | Temp=23.1C
DATA,2490,7.404,1.2700,1576,-1.485,192.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2492s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=178mV | Temp=23.1C
DATA,2492,7.404,1.2700,1576,-1.485,178.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2494s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=149mV | Temp=23.0C
DATA,2494,7.415,1.2684,1574,-1.485,149.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2496s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2496,7.393,1.2716,1578,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2498s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.06mS/cm | MFC=102mV | Temp=23.0C
DATA,2498,7.398,1.2708,1577,-1.065,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2500s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2500,7.420,1.2676,1573,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2502s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.56mS/cm | MFC=96mV | Temp=23.1C
DATA,2502,7.453,1.2628,1567,-1.561,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2504s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=102mV | Temp=23.0C
DATA,2504,7.436,1.2652,1570,-1.485,102.3,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2506s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.36mS/cm | MFC=102mV | Temp=23.1C
DATA,2506,7.393,1.2716,1578,-1.363,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2508s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.50mS/cm | MFC=83mV | Temp=23.1C
DATA,2508,7.415,1.2684,1574,-1.497,83.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2510s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2510,7.404,1.2700,1576,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2512s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.39mS/cm | MFC=76mV | Temp=23.1C
DATA,2512,7.431,1.2660,1571,-1.392,75.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2514s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.39mS/cm | MFC=64mV | Temp=23.0C
DATA,2514,7.426,1.2668,1572,-1.392,63.7,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2516s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.54mS/cm | MFC=73mV | Temp=23.1C
DATA,2516,7.415,1.2684,1574,-1.538,73.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2518s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.56mS/cm | MFC=73mV | Temp=23.1C
DATA,2518,7.420,1.2676,1573,-1.561,73.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2520s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.60mS/cm | MFC=51mV | Temp=23.1C
DATA,2520,7.426,1.2668,1572,-1.602,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03160 wine=-0.02952
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 42
==

2524s | pH=7.26 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2918 ADC=1603 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,2524,7.257,1.2918,1603,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2526s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=405mV | Temp=23.1C
DATA,2526,7.393,1.2716,1578,-1.485,404.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2528s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=532mV | Temp=23.0C

DATA,2528,7.404,1.2700,1576,-1.485,531.9,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2530s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.51mS/cm | MFC=614mV | Temp=23.1C
DATA,2530,7.420,1.2676,1573,-1.509,614.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2532s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.30mS/cm | MFC=676mV | Temp=23.1C
DATA,2532,7.415,1.2684,1574,-1.298,676.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2534s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=728mV | Temp=23.1C
DATA,2534,7.404,1.2700,1576,-1.485,727.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2536s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=816mV | Temp=23.1C
DATA,2536,7.398,1.2708,1577,-1.485,815.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2538s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,2538,7.420,1.2676,1573,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2540s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=867mV | Temp=23.1C
DATA,2540,7.415,1.2684,1574,-1.485,867.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2542s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=1043mV | Temp=23.1C
DATA,2542,7.398,1.2708,1577,-1.485,1042.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2544s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.51mS/cm | MFC=1121mV | Temp=23.1C
DATA,2544,7.398,1.2708,1577,-1.515,1121.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2546s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.49mS/cm | MFC=1163mV | Temp=23.1C
DATA,2546,7.393,1.2716,1578,-1.485,1162.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2548s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.39mS/cm | MFC=1218mV | Temp=23.1C
DATA,2548,7.404,1.2700,1576,-1.392,1217.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2550s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.49mS/cm | MFC=1213mV | Temp=23.1C

DATA,2550,7.393,1.2716,1578,-1.485,1212.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

2552s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=1139mV | Temp=23.1C
DATA,2552,7.398,1.2708,1577,-1.485,1139.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

2554s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.20mS/cm | MFC=661mV | Temp=23.1C
DATA,2554,7.415,1.2684,1574,-1.205,660.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2556s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=461mV | Temp=23.1C
DATA,2556,7.393,1.2716,1578,-1.485,461.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

2558s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.58mS/cm | MFC=354mV | Temp=23.1C
DATA,2558,7.415,1.2684,1574,-1.579,353.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2560s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=237mV | Temp=23.1C
DATA,2560,7.409,1.2692,1575,-1.485,236.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2562s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2562,7.415,1.2684,1574,-1.485,101.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2564s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.33mS/cm | MFC=77mV | Temp=23.1C
DATA,2564,7.415,1.2684,1574,-1.328,76.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2566s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=68mV | Temp=23.1C
DATA,2566,7.393,1.2716,1578,-1.485,67.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2568s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.39mS/cm | MFC=31mV | Temp=23.1C
DATA,2568,7.420,1.2676,1573,-1.392,31.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2570s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=193mV | Temp=23.1C
DATA,2570,7.409,1.2692,1575,-1.485,192.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2572s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=457mV | Temp=23.1C
DATA,2572,7.409,1.2692,1575,-1.485,456.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2574s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.26mS/cm | MFC=647mV | Temp=23.1C
DATA,2574,7.431,1.2660,1571,-1.263,647.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2576s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.39mS/cm | MFC=747mV | Temp=23.0C
DATA,2576,7.393,1.2716,1578,-1.392,747.0,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2578s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,2578,7.415,1.2684,1574,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2580s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=922mV | Temp=23.1C
DATA,2580,7.398,1.2708,1577,-1.485,921.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.02826 wine=-0.03286
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 43
==

2584s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2902 ADC=1601 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,2584,7.268,1.2902,1601,-1.485,463.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2586s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=658mV | Temp=23.0C
DATA,2586,7.404,1.2700,1576,-1.485,658.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2588s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=705mV | Temp=23.0C
DATA,2588,7.393,1.2716,1578,-1.485,705.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2590s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=764mV | Temp=23.1C
DATA,2590,7.409,1.2692,1575,-1.485,764.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2592s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=820mV | Temp=23.1C
DATA,2592,7.398,1.2708,1577,-1.485,820.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2594s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=863mV | Temp=23.0C
DATA,2594,7.382,1.2733,1580,-1.485,863.1,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2596s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=937mV | Temp=23.1C
DATA,2596,7.371,1.2749,1582,-1.485,937.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2598s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.37mS/cm | MFC=1015mV | Temp=23.0C
DATA,2598,7.388,1.2725,1579,-1.369,1015.4,23.00,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2600s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.16mS/cm | MFC=1048mV | Temp=23.1C
DATA,2600,7.409,1.2692,1575,-1.164,1047.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2602s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.26mS/cm | MFC=1078mV | Temp=23.1C
DATA,2602,7.382,1.2733,1580,-1.257,1078.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2604s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=1100mV | Temp=23.1C
DATA,2604,7.393,1.2716,1578,-1.485,1100.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2606s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.03mS/cm | MFC=1120mV | Temp=23.1C
DATA,2606,7.409,1.2692,1575,-1.030,1120.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2608s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.39mS/cm | MFC=1133mV | Temp=23.1C
DATA,2608,7.398,1.2708,1577,-1.392,1133.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2610s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.39mS/cm | MFC=1147mV | Temp=23.1C
DATA,2610,7.398,1.2708,1577,-1.392,1146.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

2612s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=1160mV | Temp=23.1C
DATA,2612,7.415,1.2684,1574,-1.485,1159.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2614s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.06mS/cm | MFC=1179mV | Temp=23.1C
DATA,2614,7.409,1.2692,1575,-1.065,1179.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2616s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=1195mV | Temp=23.1C
DATA,2616,7.415,1.2684,1574,-1.485,1195.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2618s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.40mS/cm | MFC=1195mV | Temp=23.1C
DATA,2618,7.393,1.2716,1578,-1.398,1195.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2620s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=1224mV | Temp=23.1C
DATA,2620,7.404,1.2700,1576,-1.485,1224.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2622s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.50mS/cm | MFC=1236mV | Temp=23.1C
DATA,2622,7.377,1.2741,1581,-1.503,1236.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2624s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.35mS/cm | MFC=1205mV | Temp=23.1C
DATA,2624,7.371,1.2749,1582,-1.345,1204.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2626s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.16mS/cm | MFC=1207mV | Temp=23.1C
DATA,2626,7.404,1.2700,1576,-1.158,1207.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2628s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.51mS/cm | MFC=1205mV | Temp=23.1C
DATA,2628,7.415,1.2684,1574,-1.509,1204.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2630s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.32mS/cm | MFC=1179mV | Temp=23.1C
DATA,2630,7.404,1.2700,1576,-1.322,1179.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2632s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=1173mV | Temp=23.1C
DATA,2632,7.382,1.2733,1580,-1.485,1173.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

2634s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=1166mV | Temp=23.1C
DATA,2634,7.404,1.2700,1576,-1.485,1166.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2636s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.53mS/cm | MFC=1176mV | Temp=23.1C
DATA,2636,7.382,1.2733,1580,-1.532,1175.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2638s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=1168mV | Temp=23.1C
DATA,2638,7.388,1.2725,1579,-1.485,1167.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2640s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=1158mV | Temp=23.1C
DATA,2640,7.398,1.2708,1577,-1.485,1158.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

=======================================
======= TANK 1 DOSING CYCLE ===========
=======================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.02805 wine=-0.03307
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 44
=======================================

2644s | pH=7.31 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2845 ADC=1594 |
EC=-1.27mS/cm | MFC=412mV | Temp=23.1C
DATA,2644,7.306,1.2845,1594,-1.269,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2646s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=396mV | Temp=23.1C
DATA,2646,7.388,1.2725,1579,-1.485,396.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2648s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.39mS/cm | MFC=399mV | Temp=23.1C
DATA,2648,7.393,1.2716,1578,-1.392,398.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

2650s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=411mV | Temp=23.1C
DATA,2650,7.382,1.2733,1580,-1.485,411.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2652s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=444mV | Temp=23.1C
DATA,2652,7.366,1.2757,1583,-1.485,444.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2654s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=461mV | Temp=23.1C
DATA,2654,7.382,1.2733,1580,-1.485,461.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2656s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,2656,7.382,1.2733,1580,-1.485,463.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2658s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=541mV | Temp=23.1C
DATA,2658,7.398,1.2708,1577,-1.485,540.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2660s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=500mV | Temp=23.1C
DATA,2660,7.371,1.2749,1582,-1.485,500.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2662s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=500mV | Temp=23.1C
DATA,2662,7.415,1.2684,1574,-1.485,499.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2664s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=486mV | Temp=23.1C
DATA,2664,7.388,1.2725,1579,-1.485,485.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2666s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.39mS/cm | MFC=459mV | Temp=23.1C
DATA,2666,7.404,1.2700,1576,-1.392,459.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2668s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,2668,7.388,1.2725,1579,-1.485,463.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2670s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=454mV | Temp=23.1C
DATA,2670,7.404,1.2700,1576,-1.485,453.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2672s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.35mS/cm | MFC=446mV | Temp=23.1C
DATA,2672,7.388,1.2725,1579,-1.345,445.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2674s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.40mS/cm | MFC=443mV | Temp=23.1C
DATA,2674,7.382,1.2733,1580,-1.398,443.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2676s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.30mS/cm | MFC=457mV | Temp=23.1C
DATA,2676,7.371,1.2749,1582,-1.298,456.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2678s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.16mS/cm | MFC=438mV | Temp=23.1C
DATA,2678,7.415,1.2684,1574,-1.158,437.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2680s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,2680,7.388,1.2725,1579,-1.485,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2682s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=459mV | Temp=23.1C
DATA,2682,7.371,1.2749,1582,-1.485,459.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2684s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.40mS/cm | MFC=381mV | Temp=23.1C
DATA,2684,7.377,1.2741,1581,-1.398,381.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2686s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=360mV | Temp=23.1C
DATA,2686,7.388,1.2725,1579,-1.485,360.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2688s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.39mS/cm | MFC=334mV | Temp=23.1C
DATA,2688,7.404,1.2700,1576,-1.392,333.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2690s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=299mV | Temp=23.1C
DATA,2690,7.377,1.2741,1581,-1.485,299.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2692s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=257mV | Temp=23.1C
DATA,2692,7.393,1.2716,1578,-1.485,257.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

2694s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,2694,7.404,1.2700,1576,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2696s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=190mV | Temp=23.1C
DATA,2696,7.382,1.2733,1580,-1.485,190.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2698s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.35mS/cm | MFC=96mV | Temp=23.1C
DATA,2698,7.377,1.2741,1581,-1.345,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2700s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.35mS/cm | MFC=70mV | Temp=23.1C
DATA,2700,7.393,1.2716,1578,-1.345,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.03329 wine=-0.02784
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 45
==

2704s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2902 ADC=1601 |
EC=-1.36mS/cm | MFC=88mV | Temp=23.1C
DATA,2704,7.268,1.2902,1601,-1.363,87.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2706s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=64mV | Temp=23.1C
DATA,2706,7.366,1.2757,1583,-1.485,63.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2708s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,2708,7.382,1.2733,1580,-1.485,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2710s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.49mS/cm | MFC=31mV | Temp=23.1C
DATA,2710,7.355,1.2773,1585,-1.485,31.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2712s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=86mV | Temp=23.1C
DATA,2712,7.393,1.2716,1578,-1.485,86.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2714s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=250mV | Temp=23.1C
DATA,2714,7.398,1.2708,1577,-1.485,249.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2716s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=515mV | Temp=23.1C
DATA,2716,7.409,1.2692,1575,-1.485,514.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2718s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.22mS/cm | MFC=660mV | Temp=23.1C
DATA,2718,7.382,1.2733,1580,-1.217,660.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2720s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=717mV | Temp=23.1C
DATA,2720,7.398,1.2708,1577,-1.485,717.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2722s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=779mV | Temp=23.1C
DATA,2722,7.415,1.2684,1574,-1.485,779.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2724s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,2724,7.388,1.2725,1579,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2726s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.22mS/cm | MFC=912mV | Temp=23.1C
DATA,2726,7.398,1.2708,1577,-1.217,912.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2728s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=1025mV | Temp=23.1C
DATA,2728,7.377,1.2741,1581,-1.485,1025.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2730s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=1095mV | Temp=23.1C
DATA,2730,7.377,1.2741,1581,-1.485,1095.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2732s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.36mS/cm | MFC=1125mV | Temp=23.1C
DATA,2732,7.388,1.2725,1579,-1.363,1125.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2734s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.30mS/cm | MFC=1184mV | Temp=23.1C
DATA,2734,7.404,1.2700,1576,-1.298,1183.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2736s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.39mS/cm | MFC=1224mV | Temp=23.1C
DATA,2736,7.398,1.2708,1577,-1.392,1224.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2738s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.40mS/cm | MFC=1202mV | Temp=23.1C
DATA,2738,7.382,1.2733,1580,-1.398,1202.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2740s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=1183mV | Temp=23.1C
DATA,2740,7.404,1.2700,1576,-1.485,1183.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
2742s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.39mS/cm | MFC=1072mV | Temp=23.1C
DATA,2742,7.398,1.2708,1577,-1.392,1071.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
2744s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=790mV | Temp=23.1C
DATA,2744,7.404,1.2700,1576,-1.485,789.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2746s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=608mV | Temp=23.1C
DATA,2746,7.415,1.2684,1574,-1.485,607.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2748s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,2748,7.415,1.2684,1574,-1.485,463.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2750s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,2750,7.393,1.2716,1578,-1.485,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2752s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.70mS/cm | MFC=346mV | Temp=23.1C
DATA,2752,7.404,1.2700,1576,-1.702,345.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2754s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=302mV | Temp=23.1C
DATA,2754,7.404,1.2700,1576,-1.485,302.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2756s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.25mS/cm | MFC=282mV | Temp=23.1C
DATA,2756,7.409,1.2692,1575,-1.252,282.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

2758s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.20mS/cm | MFC=205mV | Temp=23.1C
DATA,2758,7.398,1.2708,1577,-1.205,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
2760s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,2760,7.398,1.2708,1577,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.03643 wine=-0.02469
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 46
==

2764s | pH=7.29 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2870 ADC=1597 |
EC=-1.49mS/cm | MFC=37mV | Temp=23.1C
DATA,2764,7.290,1.2870,1597,-1.485,37.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2766s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=93mV | Temp=23.1C
DATA,2766,7.404,1.2700,1576,-1.485,93.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2768s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.35mS/cm | MFC=160mV | Temp=23.1C
DATA,2768,7.415,1.2684,1574,-1.345,160.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2770s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.30mS/cm | MFC=240mV | Temp=23.1C
DATA,2770,7.442,1.2644,1569,-1.298,240.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2772s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=376mV | Temp=23.1C
DATA,2772,7.431,1.2660,1571,-1.485,375.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
2774s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=511mV | Temp=23.1C

DATA,2774,7.431,1.2660,1571,-1.485,510.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2776s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=611mV | Temp=23.1C
DATA,2776,7.426,1.2668,1572,-1.485,610.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2778s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.04mS/cm | MFC=676mV | Temp=23.1C
DATA,2778,7.398,1.2708,1577,-1.041,676.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2780s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.53mS/cm | MFC=746mV | Temp=23.1C
DATA,2780,7.409,1.2692,1575,-1.532,746.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2782s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.39mS/cm | MFC=812mV | Temp=23.1C
DATA,2782,7.415,1.2684,1574,-1.392,811.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2784s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=886mV | Temp=23.1C
DATA,2784,7.431,1.2660,1571,-1.485,885.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2786s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=976mV | Temp=23.1C
DATA,2786,7.398,1.2708,1577,-1.485,975.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2788s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1098mV | Temp=23.1C
DATA,2788,7.431,1.2660,1571,-1.485,1098.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2790s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.70mS/cm | MFC=1165mV | Temp=23.1C
DATA,2790,7.409,1.2692,1575,-1.696,1165.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2792s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.35mS/cm | MFC=1202mV | Temp=23.1C
DATA,2792,7.382,1.2733,1580,-1.351,1202.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2794s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1259mV | Temp=23.1C
DATA,2794,7.426,1.2668,1572,-1.485,1258.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2796s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=1218mV | Temp=23.1C

DATA,2796,7.415,1.2684,1574,-1.485,1217.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2798s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=1200mV | Temp=23.1C

DATA,2798,7.415,1.2684,1574,-1.485,1199.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2800s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=1027mV | Temp=23.1C

DATA,2800,7.404,1.2700,1576,-1.485,1027.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2802s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=763mV | Temp=23.1C

DATA,2802,7.415,1.2684,1574,-1.485,763.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2804s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=670mV | Temp=23.1C

DATA,2804,7.415,1.2684,1574,-1.485,669.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2806s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=514mV | Temp=23.1C

DATA,2806,7.409,1.2692,1575,-1.485,514.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2808s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.26mS/cm | MFC=457mV | Temp=23.1C

DATA,2808,7.426,1.2668,1572,-1.257,456.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2810s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=412mV | Temp=23.1C

DATA,2810,7.404,1.2700,1576,-1.485,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2812s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=386mV | Temp=23.1C

DATA,2812,7.426,1.2668,1572,-1.485,386.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2814s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.39mS/cm | MFC=328mV | Temp=23.1C

DATA,2814,7.409,1.2692,1575,-1.392,328.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2816s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=288mV | Temp=23.1C

DATA,2816,7.420,1.2676,1573,-1.485,287.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2818s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.23mS/cm | MFC=247mV | Temp=23.1C

DATA,2818,7.426,1.2668,1572,-1.228,247.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2820s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.35mS/cm | MFC=189mV | Temp=23.1C
DATA,2820,7.398,1.2708,1577,-1.345,188.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04011 wine=-0.02102
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 47
==

2824s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2878 ADC=1598 |
EC=-1.26mS/cm | MFC=147mV | Temp=23.1C
DATA,2824,7.284,1.2878,1598,-1.257,147.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2826s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=204mV | Temp=23.1C
DATA,2826,7.398,1.2708,1577,-1.485,203.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2828s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,2828,7.415,1.2684,1574,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2830s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=438mV | Temp=23.1C
DATA,2830,7.453,1.2628,1567,-1.485,437.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2832s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=513mV | Temp=23.1C
DATA,2832,7.420,1.2676,1573,-1.485,512.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2834s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=618mV | Temp=23.1C

DATA,2834,7.426,1.2668,1572,-1.485,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2836s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=589mV | Temp=23.1C
DATA,2836,7.409,1.2692,1575,-1.485,589.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2838s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=596mV | Temp=23.1C
DATA,2838,7.415,1.2684,1574,-1.485,596.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2840s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.12mS/cm | MFC=618mV | Temp=23.1C
DATA,2840,7.420,1.2676,1573,-1.123,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2842s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=637mV | Temp=23.1C
DATA,2842,7.436,1.2652,1570,-1.485,637.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2844s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.25mS/cm | MFC=679mV | Temp=23.1C
DATA,2844,7.404,1.2700,1576,-1.252,679.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2846s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.39mS/cm | MFC=683mV | Temp=23.1C
DATA,2846,7.388,1.2725,1579,-1.392,682.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2848s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=747mV | Temp=23.1C
DATA,2848,7.404,1.2700,1576,-1.485,747.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2850s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.39mS/cm | MFC=702mV | Temp=23.1C
DATA,2850,7.398,1.2708,1577,-1.392,701.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2852s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.49mS/cm | MFC=721mV | Temp=23.1C
DATA,2852,7.377,1.2741,1581,-1.485,721.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2854s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.30mS/cm | MFC=737mV | Temp=23.1C
DATA,2854,7.415,1.2684,1574,-1.298,736.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2856s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.36mS/cm | MFC=738mV | Temp=23.1C

DATA,2856,7.420,1.2676,1573,-1.363,738.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2858s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.32mS/cm | MFC=751mV | Temp=23.1C
DATA,2858,7.415,1.2684,1574,-1.322,751.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2860s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=747mV | Temp=23.1C
DATA,2860,7.458,1.2620,1566,-1.485,747.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2862s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.77mS/cm | MFC=751mV | Temp=23.1C
DATA,2862,7.415,1.2684,1574,-1.766,751.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2864s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.25mS/cm | MFC=744mV | Temp=23.1C
DATA,2864,7.409,1.2692,1575,-1.252,743.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2866s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.30mS/cm | MFC=745mV | Temp=23.1C
DATA,2866,7.409,1.2692,1575,-1.298,744.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2868s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=728mV | Temp=23.1C
DATA,2868,7.409,1.2692,1575,-1.485,727.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2870s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=707mV | Temp=23.1C
DATA,2870,7.415,1.2684,1574,-1.485,706.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2872s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=695mV | Temp=23.1C
DATA,2872,7.409,1.2692,1575,-1.485,695.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2874s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=688mV | Temp=23.1C
DATA,2874,7.415,1.2684,1574,-1.485,688.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2876s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.32mS/cm | MFC=633mV | Temp=23.1C
DATA,2876,7.409,1.2692,1575,-1.322,633.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2878s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=618mV | Temp=23.1C

DATA,2878,7.409,1.2692,1575,-1.485,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2880s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.54mS/cm | MFC=572mV | Temp=23.1C
DATA,2880,7.388,1.2725,1579,-1.544,572.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.03337 wine=-0.02776
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 48
==

2884s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2813 ADC=1590 |
EC=-1.36mS/cm | MFC=74mV | Temp=23.1C
DATA,2884,7.328,1.2813,1590,-1.363,74.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2886s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=102mV | Temp=23.1C
DATA,2886,7.420,1.2676,1573,-1.532,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2888s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.06mS/cm | MFC=102mV | Temp=23.1C
DATA,2888,7.431,1.2660,1571,-1.065,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2890s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.39mS/cm | MFC=96mV | Temp=23.1C
DATA,2890,7.453,1.2628,1567,-1.392,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2892s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.39mS/cm | MFC=102mV | Temp=23.1C
DATA,2892,7.398,1.2708,1577,-1.392,101.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2894s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=99mV | Temp=23.1C
DATA,2894,7.409,1.2692,1575,-1.485,99.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2896s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C

DATA,2896,7.398,1.2708,1577,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2898s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.25mS/cm | MFC=94mV | Temp=23.1C
DATA,2898,7.420,1.2676,1573,-1.252,94.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2900s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.36mS/cm | MFC=88mV | Temp=23.1C
DATA,2900,7.415,1.2684,1574,-1.363,87.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2902s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=125mV | Temp=23.1C
DATA,2902,7.426,1.2668,1572,-1.485,124.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2904s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.58mS/cm | MFC=98mV | Temp=23.1C
DATA,2904,7.404,1.2700,1576,-1.579,98.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2906s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.25mS/cm | MFC=88mV | Temp=23.1C
DATA,2906,7.415,1.2684,1574,-1.252,87.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2908s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.50mS/cm | MFC=86mV | Temp=23.1C
DATA,2908,7.426,1.2668,1572,-1.497,86.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2910s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.20mS/cm | MFC=81mV | Temp=23.1C
DATA,2910,7.442,1.2644,1569,-1.205,80.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2912s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.32mS/cm | MFC=51mV | Temp=23.1C
DATA,2912,7.415,1.2684,1574,-1.322,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2914s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.39mS/cm | MFC=76mV | Temp=23.1C
DATA,2914,7.393,1.2716,1578,-1.392,75.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2916s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.26mS/cm | MFC=70mV | Temp=23.1C
DATA,2916,7.388,1.2725,1579,-1.257,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2918s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=77mV | Temp=23.1C
DATA,2918,7.426,1.2668,1572,-1.485,76.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2920s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.53mS/cm | MFC=100mV | Temp=23.1C
DATA,2920,7.388,1.2725,1579,-1.532,99.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2922s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.18mS/cm | MFC=82mV | Temp=23.1C
DATA,2922,7.409,1.2692,1575,-1.176,82.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2924s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=83mV | Temp=23.1C

DATA,2924,7.388,1.2725,1579,-1.485,83.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2926s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.40mS/cm | MFC=69mV | Temp=23.1C
DATA,2926,7.420,1.2676,1573,-1.398,69.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2928s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=86mV | Temp=23.1C
DATA,2928,7.377,1.2741,1581,-1.485,86.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2930s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.35mS/cm | MFC=73mV | Temp=23.1C
DATA,2930,7.415,1.2684,1574,-1.345,73.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2932s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.30mS/cm | MFC=74mV | Temp=23.1C
DATA,2932,7.377,1.2741,1581,-1.298,74.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2934s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.32mS/cm | MFC=74mV | Temp=23.1C
DATA,2934,7.393,1.2716,1578,-1.322,74.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2936s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.39mS/cm | MFC=68mV | Temp=23.1C
DATA,2936,7.371,1.2749,1582,-1.392,67.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2938s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.39mS/cm | MFC=64mV | Temp=23.1C
DATA,2938,7.404,1.2700,1576,-1.392,63.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2940s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=44mV | Temp=23.1C
DATA,2940,7.409,1.2692,1575,-1.485,44.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.03469 wine=-0.02643
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 49
==

2944s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2886 ADC=1599 |
EC=-1.49mS/cm | MFC=25mV | Temp=23.1C
DATA,2944,7.279,1.2886,1599,-1.485,25.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

2946s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,2946,7.404,1.2700,1576,-1.485,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2948s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.16mS/cm | MFC=264mV | Temp=23.1C
DATA,2948,7.398,1.2708,1577,-1.164,263.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2950s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.39mS/cm | MFC=618mV | Temp=23.1C
DATA,2950,7.404,1.2700,1576,-1.392,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2952s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=741mV | Temp=23.1C
DATA,2952,7.398,1.2708,1577,-1.485,740.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2954s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.49mS/cm | MFC=857mV | Temp=23.1C
DATA,2954,7.382,1.2733,1580,-1.485,856.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2956s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.54mS/cm | MFC=1076mV | Temp=23.1C
DATA,2956,7.409,1.2692,1575,-1.538,1075.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2958s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.39mS/cm | MFC=1171mV | Temp=23.1C
DATA,2958,7.409,1.2692,1575,-1.392,1170.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2960s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.87mS/cm | MFC=1276mV | Temp=23.1C
DATA,2960,7.409,1.2692,1575,-1.865,1275.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2962s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.39mS/cm | MFC=1168mV | Temp=23.1C
DATA,2962,7.398,1.2708,1577,-1.392,1168.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2964s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.36mS/cm | MFC=687mV | Temp=23.1C
DATA,2964,7.409,1.2692,1575,-1.363,686.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2966s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.35mS/cm | MFC=412mV | Temp=23.1C
DATA,2966,7.420,1.2676,1573,-1.345,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2968s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=305mV | Temp=23.1C
DATA,2968,7.420,1.2676,1573,-1.485,304.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2970s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=154mV | Temp=23.1C
DATA,2970,7.388,1.2725,1579,-1.485,153.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
2972s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.51mS/cm | MFC=77mV | Temp=23.1C
DATA,2972,7.415,1.2684,1574,-1.509,76.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2974s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.51mS/cm | MFC=86mV | Temp=23.1C
DATA,2974,7.420,1.2676,1573,-1.509,86.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2976s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=31mV | Temp=23.1C
DATA,2976,7.409,1.2692,1575,-1.485,30.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2978s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.32mS/cm | MFC=270mV | Temp=23.1C
DATA,2978,7.415,1.2684,1574,-1.316,270.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2980s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=605mV | Temp=23.1C
DATA,2980,7.442,1.2644,1569,-1.485,605.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2982s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=721mV | Temp=23.1C
DATA,2982,7.436,1.2652,1570,-1.485,721.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2984s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.30mS/cm | MFC=872mV | Temp=23.1C
DATA,2984,7.420,1.2676,1573,-1.298,871.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2986s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.27mS/cm | MFC=940mV | Temp=23.1C
DATA,2986,7.436,1.2652,1570,-1.269,940.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2988s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.31mS/cm | MFC=1105mV | Temp=23.1C
DATA,2988,7.404,1.2700,1576,-1.310,1104.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2990s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.35mS/cm | MFC=1173mV | Temp=23.1C

DATA,2990,7.426,1.2668,1572,-1.345,1172.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

2992s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=1211mV | Temp=23.1C
DATA,2992,7.447,1.2636,1568,-1.485,1211.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2994s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=1063mV | Temp=23.1C
DATA,2994,7.415,1.2684,1574,-1.485,1062.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2996s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.30mS/cm | MFC=592mV | Temp=23.1C
DATA,2996,7.436,1.2652,1570,-1.298,592.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
2998s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.39mS/cm | MFC=412mV | Temp=23.1C
DATA,2998,7.420,1.2676,1573,-1.392,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3000s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.95mS/cm | MFC=268mV | Temp=23.1C
DATA,3000,7.458,1.2620,1566,-1.953,268.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04085 wine=-0.02027
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 50
==

3004s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2886 ADC=1599 | EC=-1.26mS/cm | MFC=587mV | Temp=23.1C
DATA,3004,7.279,1.2886,1599,-1.257,587.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3006s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=728mV | Temp=23.1C

DATA,3006,7.420,1.2676,1573,-1.485,727.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3008s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.26mS/cm | MFC=824mV | Temp=23.1C
DATA,3008,7.409,1.2692,1575,-1.263,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3010s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=1011mV | Temp=23.1C
DATA,3010,7.404,1.2700,1576,-1.485,1011.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3012s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.51mS/cm | MFC=1130mV | Temp=23.1C
DATA,3012,7.415,1.2684,1574,-1.509,1129.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3014s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.63mS/cm | MFC=1185mV | Temp=23.1C
DATA,3014,7.426,1.2668,1572,-1.626,1185.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3016s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=1215mV | Temp=23.1C
DATA,3016,7.409,1.2692,1575,-1.485,1215.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3018s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=1146mV | Temp=23.1C
DATA,3018,7.420,1.2676,1573,-1.485,1145.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3020s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=633mV | Temp=23.1C
DATA,3020,7.431,1.2660,1571,-1.485,633.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3022s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.30mS/cm | MFC=412mV | Temp=23.1C
DATA,3022,7.436,1.2652,1570,-1.298,411.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3024s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.51mS/cm | MFC=298mV | Temp=23.1C
DATA,3024,7.404,1.2700,1576,-1.509,298.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3026s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=144mV | Temp=23.1C
DATA,3026,7.404,1.2700,1576,-1.485,144.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3028s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=70mV | Temp=23.1C

DATA,3028,7.431,1.2660,1571,-1.485,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3030s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.36mS/cm | MFC=44mV | Temp=23.1C

DATA,3030,7.436,1.2652,1570,-1.357,44.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3032s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=38mV | Temp=23.1C

DATA,3032,7.420,1.2676,1573,-1.485,37.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3034s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=205mV | Temp=23.1C

DATA,3034,7.442,1.2644,1569,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3036s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=525mV | Temp=23.1C

DATA,3036,7.442,1.2644,1569,-1.485,524.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3038s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=692mV | Temp=23.1C

DATA,3038,7.431,1.2660,1571,-1.485,692.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3040s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=753mV | Temp=23.1C

DATA,3040,7.398,1.2708,1577,-1.485,753.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0

3042s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C

DATA,3042,7.447,1.2636,1568,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3044s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=908mV | Temp=23.1C

DATA,3044,7.415,1.2684,1574,-1.485,908.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3046s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=1030mV | Temp=23.1C

DATA,3046,7.420,1.2676,1573,-1.485,1029.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

3048s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.63mS/cm | MFC=1085mV | Temp=23.1C

DATA,3048,7.426,1.2668,1572,-1.626,1085.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

3050s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=1140mV | Temp=23.1C

DATA,3050,7.447,1.2636,1568,-1.485,1140.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

3052s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=1152mV | Temp=23.1C
DATA,3052,7.442,1.2644,1569,-1.485,1151.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3054s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=1227mV | Temp=23.1C
DATA,3054,7.453,1.2628,1567,-1.485,1226.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3056s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.54mS/cm | MFC=1247mV | Temp=23.1C
DATA,3056,7.453,1.2628,1567,-1.538,1246.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3058s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=1201mV | Temp=23.1C
DATA,3058,7.447,1.2636,1568,-1.345,1200.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3060s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1151mV | Temp=23.1C
DATA,3060,7.431,1.2660,1571,-1.485,1150.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

=======================================
======= TANK 1 DOSING CYCLE ============
=======================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.03381 wine=-0.02731
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 51
=======================================

3064s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2894 ADC=1600 |
EC=-1.49mS/cm | MFC=1147mV | Temp=23.1C
DATA,3064,7.273,1.2894,1600,-1.485,1146.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
3066s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.55mS/cm | MFC=1203mV | Temp=23.1C
DATA,3066,7.409,1.2692,1575,-1.550,1203.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

3068s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.35mS/cm | MFC=1215mV | Temp=23.1C
DATA,3068,7.409,1.2692,1575,-1.345,1215.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3070s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=1264mV | Temp=23.1C
DATA,3070,7.415,1.2684,1574,-1.485,1264.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3072s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1247mV | Temp=23.1C
DATA,3072,7.436,1.2652,1570,-1.485,1246.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3074s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.19mS/cm | MFC=1219mV | Temp=23.1C
DATA,3074,7.442,1.2644,1569,-1.187,1219.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3076s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1210mV | Temp=23.1C
DATA,3076,7.436,1.2652,1570,-1.485,1209.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3078s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1164mV | Temp=23.1C
DATA,3078,7.436,1.2652,1570,-1.485,1164.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3080s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1010mV | Temp=23.1C
DATA,3080,7.426,1.2668,1572,-1.485,1009.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3082s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.50mS/cm | MFC=699mV | Temp=23.1C
DATA,3082,7.420,1.2676,1573,-1.497,698.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3084s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=601mV | Temp=23.1C
DATA,3084,7.442,1.2644,1569,-1.485,601.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3086s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=470mV | Temp=23.1C
DATA,3086,7.420,1.2676,1573,-1.485,469.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3088s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=405mV | Temp=23.1C
DATA,3088,7.420,1.2676,1573,-1.485,405.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3090s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,3090,7.431,1.2660,1571,-1.485,308.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3092s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.25mS/cm | MFC=244mV | Temp=23.1C
DATA,3092,7.415,1.2684,1574,-1.252,244.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3094s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=147mV | Temp=23.1C
DATA,3094,7.415,1.2684,1574,-1.485,147.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3096s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.05mS/cm | MFC=69mV | Temp=23.1C
DATA,3096,7.420,1.2676,1573,-1.047,69.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3098s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.50mS/cm | MFC=63mV | Temp=23.1C
DATA,3098,7.415,1.2684,1574,-1.503,62.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3100s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.16mS/cm | MFC=51mV | Temp=23.1C
DATA,3100,7.426,1.2668,1572,-1.158,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3102s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=30mV | Temp=23.1C
DATA,3102,7.431,1.2660,1571,-1.485,29.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3104s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,3104,7.409,1.2692,1575,-1.485,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3106s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=231mV | Temp=23.1C
DATA,3106,7.458,1.2620,1566,-1.485,231.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3108s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=486mV | Temp=23.1C
DATA,3108,7.409,1.2692,1575,-1.485,485.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3110s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=670mV | Temp=23.1C
DATA,3110,7.426,1.2668,1572,-1.485,669.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3112s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=799mV | Temp=23.1C
DATA,3112,7.436,1.2652,1570,-1.485,798.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3114s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,3114,7.431,1.2660,1571,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3116s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=948mV | Temp=23.1C
DATA,3116,7.431,1.2660,1571,-1.485,948.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3118s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.36mS/cm | MFC=1098mV | Temp=23.1C
DATA,3118,7.426,1.2668,1572,-1.363,1098.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3120s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.30mS/cm | MFC=1196mV | Temp=23.1C
DATA,3120,7.431,1.2660,1571,-1.298,1195.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04212 wine=-0.01901
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 52
==

3124s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 |
EC=-1.49mS/cm | MFC=752mV | Temp=23.1C
DATA,3124,7.301,1.2853,1595,-1.485,751.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3126s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.35mS/cm | MFC=487mV | Temp=23.1C
DATA,3126,7.431,1.2660,1571,-1.345,486.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3128s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.39mS/cm | MFC=347mV | Temp=23.1C
DATA,3128,7.420,1.2676,1573,-1.392,347.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3130s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,3130,7.453,1.2628,1567,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3132s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.67mS/cm | MFC=89mV | Temp=23.1C
DATA,3132,7.475,1.2596,1563,-1.672,89.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3134s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.52mS/cm | MFC=70mV | Temp=23.1C
DATA,3134,7.469,1.2604,1564,-1.521,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3136s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.30mS/cm | MFC=35mV | Temp=23.1C
DATA,3136,7.447,1.2636,1568,-1.298,34.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3138s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.51mS/cm | MFC=147mV | Temp=23.1C
DATA,3138,7.442,1.2644,1569,-1.515,147.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3140s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.20mS/cm | MFC=463mV | Temp=23.1C
DATA,3140,7.469,1.2604,1564,-1.205,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3142s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.26mS/cm | MFC=683mV | Temp=23.1C
DATA,3142,7.426,1.2668,1572,-1.257,682.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3144s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=803mV | Temp=23.1C
DATA,3144,7.431,1.2660,1571,-1.485,802.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3146s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=899mV | Temp=23.1C
DATA,3146,7.458,1.2620,1566,-1.485,899.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3148s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.55mS/cm | MFC=1056mV | Temp=23.1C
DATA,3148,7.420,1.2676,1573,-1.550,1056.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3150s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.58mS/cm | MFC=1143mV | Temp=23.1C
DATA,3150,7.453,1.2628,1567,-1.579,1142.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3152s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.39mS/cm | MFC=1215mV | Temp=23.1C

DATA,3152,7.426,1.2668,1572,-1.392,1215.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3154s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=1164mV | Temp=23.1C
DATA,3154,7.447,1.2636,1568,-1.485,1164.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3156s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=734mV | Temp=23.1C
DATA,3156,7.426,1.2668,1572,-1.485,734.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3158s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=470mV | Temp=23.1C
DATA,3158,7.436,1.2652,1570,-1.485,469.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3160s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.51mS/cm | MFC=334mV | Temp=23.1C
DATA,3160,7.442,1.2644,1569,-1.509,334.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3162s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,3162,7.415,1.2684,1574,-1.485,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3164s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=93mV | Temp=23.1C
DATA,3164,7.431,1.2660,1571,-1.485,93.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3166s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=64mV | Temp=23.1C
DATA,3166,7.447,1.2636,1568,-1.485,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3168s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=24mV | Temp=23.1C
DATA,3168,7.409,1.2692,1575,-1.485,24.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3170s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.50mS/cm | MFC=151mV | Temp=23.1C
DATA,3170,7.426,1.2668,1572,-1.497,150.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3172s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=448mV | Temp=23.1C
DATA,3172,7.409,1.2692,1575,-1.485,448.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3174s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.30mS/cm | MFC=663mV | Temp=23.1C
DATA,3174,7.442,1.2644,1569,-1.298,663.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3176s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=741mV | Temp=23.1C
DATA,3176,7.436,1.2652,1570,-1.485,740.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3178s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.51mS/cm | MFC=820mV | Temp=23.1C
DATA,3178,7.415,1.2684,1574,-1.509,819.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3180s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=920mV | Temp=23.1C
DATA,3180,7.431,1.2660,1571,-1.485,920.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04173 wine=-0.01940
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 53
==

3184s | pH=7.26 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2918 ADC=1603 |
EC=-1.50mS/cm | MFC=476mV | Temp=23.1C
DATA,3184,7.257,1.2918,1603,-1.503,476.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3186s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=392mV | Temp=23.1C
DATA,3186,7.398,1.2708,1577,-1.485,392.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3188s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.30mS/cm | MFC=255mV | Temp=23.1C
DATA,3188,7.431,1.2660,1571,-1.304,255.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3190s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.73mS/cm | MFC=114mV | Temp=23.1C
DATA,3190,7.442,1.2644,1569,-1.731,114.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3192s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.58mS/cm | MFC=77mV | Temp=23.1C
DATA,3192,7.447,1.2636,1568,-1.579,76.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3194s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.40mS/cm | MFC=40mV | Temp=23.1C
DATA,3194,7.436,1.2652,1570,-1.398,40.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3196s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=70mV | Temp=23.1C
DATA,3196,7.436,1.2652,1570,-1.485,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3198s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=267mV | Temp=23.1C
DATA,3198,7.420,1.2676,1573,-1.485,266.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3200s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=585mV | Temp=23.1C
DATA,3200,7.447,1.2636,1568,-1.298,585.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3202s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=721mV | Temp=23.1C
DATA,3202,7.442,1.2644,1569,-1.485,721.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3204s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.35mS/cm | MFC=824mV | Temp=23.1C
DATA,3204,7.436,1.2652,1570,-1.345,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3206s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=963mV | Temp=23.1C
DATA,3206,7.442,1.2644,1569,-1.485,963.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3208s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.54mS/cm | MFC=1089mV | Temp=23.1C
DATA,3208,7.431,1.2660,1571,-1.538,1088.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3210s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=1184mV | Temp=23.1C
DATA,3210,7.393,1.2716,1578,-1.485,1183.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
3212s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.49mS/cm | MFC=1192mV | Temp=23.1C
DATA,3212,7.507,1.2547,1557,-1.485,1191.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.861
1,0.0000
3214s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.49mS/cm | MFC=1106mV | Temp=23.1C

DATA,3214,7.480,1.2588,1562,-1.485,1105.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3216s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=644mV | Temp=23.1C
DATA,3216,7.453,1.2628,1567,-1.485,643.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3218s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.50mS/cm | MFC=438mV | Temp=23.1C
DATA,3218,7.453,1.2628,1567,-1.497,437.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3220s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.39mS/cm | MFC=331mV | Temp=23.1C
DATA,3220,7.458,1.2620,1566,-1.392,331.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3222s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=230mV | Temp=23.1C
DATA,3222,7.458,1.2620,1566,-1.485,230.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3224s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.35mS/cm | MFC=93mV | Temp=23.1C
DATA,3224,7.442,1.2644,1569,-1.351,93.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3226s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.35mS/cm | MFC=124mV | Temp=23.1C
DATA,3226,7.447,1.2636,1568,-1.345,124.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3228s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=48mV | Temp=23.1C
DATA,3228,7.453,1.2628,1567,-1.298,47.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3230s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.58mS/cm | MFC=25mV | Temp=23.1C
DATA,3230,7.431,1.2660,1571,-1.579,25.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3232s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.49mS/cm | MFC=44mV | Temp=23.1C
DATA,3232,7.436,1.2652,1570,-1.485,44.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3234s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=197mV | Temp=23.1C
DATA,3234,7.458,1.2620,1566,-1.485,196.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3236s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.52mS/cm | MFC=443mV | Temp=23.1C
DATA,3236,7.453,1.2628,1567,-1.521,443.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3238s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=618mV | Temp=23.1C

DATA,3238,7.480,1.2588,1562,-1.485,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3240s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.51mS/cm | MFC=689mV | Temp=23.1C
DATA,3240,7.447,1.2636,1568,-1.515,689.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

```
========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05223 wine=-0.00889
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 54
========================================
```

3244s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2821 ADC=1591 | EC=-1.49mS/cm | MFC=41mV | Temp=23.1C
DATA,3244,7.322,1.2821,1591,-1.485,41.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3246s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,3246,7.447,1.2636,1568,-1.485,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3248s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,3248,7.442,1.2644,1569,-1.485,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3250s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.30mS/cm | MFC=537mV | Temp=23.1C
DATA,3250,7.458,1.2620,1566,-1.304,536.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3252s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.30mS/cm | MFC=699mV | Temp=23.1C
DATA,3252,7.464,1.2612,1565,-1.304,698.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3254s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.49mS/cm | MFC=786mV | Temp=23.1C
DATA,3254,7.496,1.2563,1559,-1.485,785.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3256s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.49mS/cm | MFC=886mV | Temp=23.1C
DATA,3256,7.480,1.2588,1562,-1.485,886.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3258s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=1076mV | Temp=23.1C
DATA,3258,7.464,1.2612,1565,-1.485,1075.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3260s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.11mS/cm | MFC=1144mV | Temp=23.1C
DATA,3260,7.469,1.2604,1564,-1.111,1143.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3262s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.49mS/cm | MFC=1222mV | Temp=23.1C
DATA,3262,7.496,1.2563,1559,-1.485,1222.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3264s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=1218mV | Temp=23.1C
DATA,3264,7.464,1.2612,1565,-1.485,1217.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3266s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=1114mV | Temp=23.1C
DATA,3266,7.469,1.2604,1564,-1.485,1113.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3268s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=633mV | Temp=23.1C
DATA,3268,7.464,1.2612,1565,-1.485,633.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3270s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,3270,7.469,1.2604,1564,-1.491,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3272s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.39mS/cm | MFC=289mV | Temp=23.1C
DATA,3272,7.453,1.2628,1567,-1.392,289.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3274s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=154mV | Temp=23.1C
DATA,3274,7.469,1.2604,1564,-1.485,153.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3276s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.58mS/cm | MFC=89mV | Temp=23.1C
DATA,3276,7.442,1.2644,1569,-1.579,89.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3278s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=19mV | Temp=23.1C
DATA,3278,7.453,1.2628,1567,-1.491,18.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3280s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=73mV | Temp=23.1C
DATA,3280,7.453,1.2628,1567,-1.485,72.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3282s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.39mS/cm | MFC=309mV | Temp=23.1C
DATA,3282,7.469,1.2604,1564,-1.392,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3284s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=618mV | Temp=23.1C
DATA,3284,7.436,1.2652,1570,-1.485,618.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3286s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=738mV | Temp=23.1C
DATA,3286,7.475,1.2596,1563,-1.485,738.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3288s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,3288,7.447,1.2636,1568,-1.485,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3290s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=940mV | Temp=23.1C
DATA,3290,7.453,1.2628,1567,-1.485,940.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3292s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.58mS/cm | MFC=1095mV | Temp=23.1C
DATA,3292,7.431,1.2660,1571,-1.579,1095.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3294s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.37mS/cm | MFC=1182mV | Temp=23.1C
DATA,3294,7.475,1.2596,1563,-1.369,1182.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3296s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.56mS/cm | MFC=1231mV | Temp=23.1C
DATA,3296,7.475,1.2596,1563,-1.556,1230.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3298s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=1224mV | Temp=23.1C
DATA,3298,7.469,1.2604,1564,-1.485,1224.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3300s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1179mV | Temp=23.1C

DATA,3300,7.436,1.2652,1570,-1.485,1179.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04780 wine=-0.01333
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 55
========================================
```

3304s | pH=7.32 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2829 ADC=1592 |
EC=-1.49mS/cm | MFC=498mV | Temp=23.1C
DATA,3304,7.317,1.2829,1592,-1.485,498.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3306s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=326mV | Temp=23.1C
DATA,3306,7.453,1.2628,1567,-1.485,325.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3308s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=244mV | Temp=23.1C
DATA,3308,7.453,1.2628,1567,-1.485,244.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3310s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,3310,7.426,1.2668,1572,-1.485,102.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3312s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.67mS/cm | MFC=96mV | Temp=23.1C
DATA,3312,7.453,1.2628,1567,-1.672,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3314s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.53mS/cm | MFC=70mV | Temp=23.1C
DATA,3314,7.431,1.2660,1571,-1.532,70.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3316s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=41mV | Temp=23.1C
DATA,3316,7.458,1.2620,1566,-1.485,41.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3318s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=38mV | Temp=23.1C

DATA,3318,7.431,1.2660,1571,-1.485,37.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3320s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=135mV | Temp=23.1C
DATA,3320,7.453,1.2628,1567,-1.485,134.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3322s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.50mS/cm | MFC=373mV | Temp=23.1C
DATA,3322,7.453,1.2628,1567,-1.497,373.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3324s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=650mV | Temp=23.1C
DATA,3324,7.442,1.2644,1569,-1.485,650.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3326s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=718mV | Temp=23.1C
DATA,3326,7.453,1.2628,1567,-1.485,718.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3328s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.86mS/cm | MFC=799mV | Temp=23.1C
DATA,3328,7.464,1.2612,1565,-1.860,798.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3330s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.50mS/cm | MFC=963mV | Temp=23.1C
DATA,3330,7.436,1.2652,1570,-1.503,963.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3332s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=1066mV | Temp=23.1C
DATA,3332,7.475,1.2596,1563,-1.485,1066.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3334s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.63mS/cm | MFC=1150mV | Temp=23.1C
DATA,3334,7.469,1.2604,1564,-1.626,1150.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3336s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=1237mV | Temp=23.1C
DATA,3336,7.447,1.2636,1568,-1.485,1237.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3338s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=1150mV | Temp=23.1C
DATA,3338,7.458,1.2620,1566,-1.485,1150.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3340s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.32mS/cm | MFC=670mV | Temp=23.1C

DATA,3340,7.464,1.2612,1565,-1.322,669.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3342s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=479mV | Temp=23.1C
DATA,3342,7.475,1.2596,1563,-1.491,479.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3344s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=302mV | Temp=23.1C
DATA,3344,7.447,1.2636,1568,-1.485,302.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3346s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=167mV | Temp=23.1C
DATA,3346,7.453,1.2628,1567,-1.485,166.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3348s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.73mS/cm | MFC=73mV | Temp=23.1C
DATA,3348,7.464,1.2612,1565,-1.731,72.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3350s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.60mS/cm | MFC=68mV | Temp=23.1C
DATA,3350,7.447,1.2636,1568,-1.596,68.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3352s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=48mV | Temp=23.1C
DATA,3352,7.469,1.2604,1564,-1.485,47.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3354s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=254mV | Temp=23.1C
DATA,3354,7.475,1.2596,1563,-1.485,253.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3356s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.30mS/cm | MFC=586mV | Temp=23.1C
DATA,3356,7.447,1.2636,1568,-1.298,585.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3358s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=721mV | Temp=23.1C
DATA,3358,7.447,1.2636,1568,-1.485,721.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3360s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.55mS/cm | MFC=792mV | Temp=23.1C
DATA,3360,7.469,1.2604,1564,-1.550,792.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES

Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.05766 wine=-0.00346
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 56
=======================================

3369s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2805 ADC=1589 |
EC=-1.50mS/cm | MFC=25mV | Temp=23.1C
DATA,3369,7.333,1.2805,1589,-1.503,25.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3371s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.32mS/cm | MFC=180mV | Temp=23.1C
DATA,3371,7.447,1.2636,1568,-1.322,179.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3373s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=470mV | Temp=23.1C
DATA,3373,7.447,1.2636,1568,-1.485,469.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3375s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=683mV | Temp=23.1C
DATA,3375,7.382,1.2733,1580,-1.485,682.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3377s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.26mS/cm | MFC=758mV | Temp=23.1C
DATA,3377,7.404,1.2700,1576,-1.257,757.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3379s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.25mS/cm | MFC=845mV | Temp=23.1C
DATA,3379,7.393,1.2716,1578,-1.252,844.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3381s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.51mS/cm | MFC=963mV | Temp=23.1C
DATA,3381,7.415,1.2684,1574,-1.509,963.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3383s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.58mS/cm | MFC=1104mV | Temp=23.1C
DATA,3383,7.404,1.2700,1576,-1.579,1104.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3385s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=1162mV | Temp=23.1C

DATA,3385,7.426,1.2668,1572,-1.485,1162.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3387s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.50mS/cm | MFC=1229mV | Temp=23.1C
DATA,3387,7.398,1.2708,1577,-1.503,1228.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3389s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.49mS/cm | MFC=1165mV | Temp=23.1C
DATA,3389,7.393,1.2716,1578,-1.485,1165.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3391s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=822mV | Temp=23.1C
DATA,3391,7.404,1.2700,1576,-1.485,822.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3393s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=502mV | Temp=23.1C
DATA,3393,7.415,1.2684,1574,-1.485,502.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3395s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=380mV | Temp=23.1C
DATA,3395,7.409,1.2692,1575,-1.485,379.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3397s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.49mS/cm | MFC=254mV | Temp=23.1C
DATA,3397,7.431,1.2660,1571,-1.485,253.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3399s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.58mS/cm | MFC=115mV | Temp=23.1C
DATA,3399,7.398,1.2708,1577,-1.579,115.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3401s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.35mS/cm | MFC=70mV | Temp=23.1C
DATA,3401,7.388,1.2725,1579,-1.345,70.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3403s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,3403,7.398,1.2708,1577,-1.485,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3405s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.49mS/cm | MFC=25mV | Temp=23.1C
DATA,3405,7.420,1.2676,1573,-1.485,25.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3407s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=133mV | Temp=23.1C
DATA,3407,7.404,1.2700,1576,-1.485,133.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3409s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.58mS/cm | MFC=339mV | Temp=23.1C
DATA,3409,7.420,1.2676,1573,-1.585,339.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3411s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.53mS/cm | MFC=579mV | Temp=23.1C
DATA,3411,7.415,1.2684,1574,-1.532,579.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3413s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=704mV | Temp=23.1C
DATA,3413,7.393,1.2716,1578,-1.485,704.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3415s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.39mS/cm | MFC=758mV | Temp=23.1C
DATA,3415,7.415,1.2684,1574,-1.392,758.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3417s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=820mV | Temp=23.1C
DATA,3417,7.404,1.2700,1576,-1.485,820.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3419s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=890mV | Temp=23.1C
DATA,3419,7.393,1.2716,1578,-1.485,890.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3421s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.50mS/cm | MFC=1005mV | Temp=23.1C
DATA,3421,7.415,1.2684,1574,-1.503,1004.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.05766 wine=-0.01147
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 57
==

3424s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2902 ADC=1601 |
EC=-1.39mS/cm | MFC=167mV | Temp=23.1C
DATA,3424,7.268,1.2902,1601,-1.392,166.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3426s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.40mS/cm | MFC=96mV | Temp=23.1C
DATA,3426,7.382,1.2733,1580,-1.398,95.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3428s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.39mS/cm | MFC=70mV | Temp=23.1C
DATA,3428,7.404,1.2700,1576,-1.392,70.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3430s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.60mS/cm | MFC=76mV | Temp=23.1C
DATA,3430,7.398,1.2708,1577,-1.602,75.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3432s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.56mS/cm | MFC=51mV | Temp=23.1C
DATA,3432,7.366,1.2757,1583,-1.561,50.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3434s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=44mV | Temp=23.1C
DATA,3434,7.404,1.2700,1576,-1.485,44.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3436s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=31mV | Temp=23.1C
DATA,3436,7.420,1.2676,1573,-1.532,31.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3438s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=81mV | Temp=23.1C
DATA,3438,7.420,1.2676,1573,-1.532,81.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3440s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=145mV | Temp=23.1C
DATA,3440,7.398,1.2708,1577,-1.485,145.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3442s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.58mS/cm | MFC=205mV | Temp=23.1C
DATA,3442,7.398,1.2708,1577,-1.579,205.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3444s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.53mS/cm | MFC=356mV | Temp=23.1C
DATA,3444,7.409,1.2692,1575,-1.532,356.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3446s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.52mS/cm | MFC=475mV | Temp=23.1C
DATA,3446,7.409,1.2692,1575,-1.521,475.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3448s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.51mS/cm | MFC=567mV | Temp=23.1C

DATA,3448,7.382,1.2733,1580,-1.509,566.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3450s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.60mS/cm | MFC=654mV | Temp=23.1C
DATA,3450,7.398,1.2708,1577,-1.602,653.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3452s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.36mS/cm | MFC=702mV | Temp=23.1C
DATA,3452,7.404,1.2700,1576,-1.357,701.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3454s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=741mV | Temp=23.1C
DATA,3454,7.371,1.2749,1582,-1.485,740.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3456s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.53mS/cm | MFC=773mV | Temp=23.1C
DATA,3456,7.415,1.2684,1574,-1.532,772.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3458s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.53mS/cm | MFC=816mV | Temp=23.1C
DATA,3458,7.409,1.2692,1575,-1.532,816.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3460s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=812mV | Temp=23.1C
DATA,3460,7.447,1.2636,1568,-1.491,811.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3462s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=890mV | Temp=23.1C
DATA,3462,7.388,1.2725,1579,-1.491,890.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3464s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.53mS/cm | MFC=940mV | Temp=23.1C
DATA,3464,7.409,1.2692,1575,-1.532,939.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3466s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.30mS/cm | MFC=1048mV | Temp=23.1C
DATA,3466,7.404,1.2700,1576,-1.298,1047.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3468s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.32mS/cm | MFC=1085mV | Temp=23.1C
DATA,3468,7.409,1.2692,1575,-1.322,1085.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3470s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.53mS/cm | MFC=1094mV | Temp=23.1C

DATA,3470,7.398,1.2708,1577,-1.532,1094.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3472s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.53mS/cm | MFC=1164mV | Temp=23.1C
DATA,3472,7.377,1.2741,1581,-1.532,1163.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3474s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=1209mV | Temp=23.1C
DATA,3474,7.377,1.2741,1581,-1.485,1208.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3476s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=1222mV | Temp=23.1C
DATA,3476,7.420,1.2676,1573,-1.532,1222.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3478s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.53mS/cm | MFC=1231mV | Temp=23.1C
DATA,3478,7.415,1.2684,1574,-1.532,1230.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3480s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=1210mV | Temp=23.1C
DATA,3480,7.436,1.2652,1570,-1.491,1210.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.05298 wine=-0.01615
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 58
==

3484s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2878 ADC=1598 |
EC=-1.67mS/cm | MFC=1108mV | Temp=23.1C
DATA,3484,7.284,1.2878,1598,-1.672,1108.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3486s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.25mS/cm | MFC=1144mV | Temp=23.1C

DATA,3486,7.398,1.2708,1577,-1.252,1144.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3488s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.53mS/cm | MFC=1166mV | Temp=23.1C
DATA,3488,7.404,1.2700,1576,-1.532,1166.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3490s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.50mS/cm | MFC=1221mV | Temp=23.1C
DATA,3490,7.382,1.2733,1580,-1.503,1220.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3492s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=1211mV | Temp=23.1C
DATA,3492,7.404,1.2700,1576,-1.485,1211.2,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3494s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.49mS/cm | MFC=1160mV | Temp=23.1C
DATA,3494,7.377,1.2741,1581,-1.485,1159.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3496s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.50mS/cm | MFC=1120mV | Temp=23.1C
DATA,3496,7.388,1.2725,1579,-1.497,1120.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3498s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.51mS/cm | MFC=699mV | Temp=23.1C
DATA,3498,7.382,1.2733,1580,-1.509,698.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3500s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.51mS/cm | MFC=572mV | Temp=23.1C
DATA,3500,7.398,1.2708,1577,-1.509,572.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3502s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,3502,7.377,1.2741,1581,-1.491,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3504s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.53mS/cm | MFC=347mV | Temp=23.1C
DATA,3504,7.398,1.2708,1577,-1.532,347.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3506s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.56mS/cm | MFC=264mV | Temp=23.1C
DATA,3506,7.436,1.2652,1570,-1.556,263.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3508s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.55mS/cm | MFC=173mV | Temp=23.1C

DATA,3508,7.398,1.2708,1577,-1.550,173.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3510s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=100mV | Temp=23.1C
DATA,3510,7.436,1.2652,1570,-1.485,99.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3512s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=77mV | Temp=23.1C
DATA,3512,7.426,1.2668,1572,-1.485,76.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3514s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.53mS/cm | MFC=70mV | Temp=23.1C
DATA,3514,7.442,1.2644,1569,-1.532,70.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3516s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=44mV | Temp=23.1C
DATA,3516,7.436,1.2652,1570,-1.485,44.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3518s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.51mS/cm | MFC=48mV | Temp=23.1C
DATA,3518,7.436,1.2652,1570,-1.515,47.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3520s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=134mV | Temp=23.1C
DATA,3520,7.431,1.2660,1571,-1.485,133.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3522s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.50mS/cm | MFC=288mV | Temp=23.1C
DATA,3522,7.393,1.2716,1578,-1.497,287.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3524s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=515mV | Temp=23.1C
DATA,3524,7.420,1.2676,1573,-1.532,514.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3526s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=715mV | Temp=23.1C
DATA,3526,7.409,1.2692,1575,-1.485,714.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3528s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.58mS/cm | MFC=794mV | Temp=23.1C
DATA,3528,7.436,1.2652,1570,-1.579,793.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3530s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=821mV | Temp=23.1C
DATA,3530,7.426,1.2668,1572,-1.485,821.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3532s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.51mS/cm | MFC=888mV | Temp=23.1C

DATA,3532,7.436,1.2652,1570,-1.509,888.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3534s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.51mS/cm | MFC=1040mV | Temp=23.1C
DATA,3534,7.458,1.2620,1566,-1.515,1040.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3536s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.55mS/cm | MFC=1119mV | Temp=23.1C
DATA,3536,7.431,1.2660,1571,-1.550,1119.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3538s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1169mV | Temp=23.1C
DATA,3538,7.431,1.2660,1571,-1.485,1169.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3540s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.55mS/cm | MFC=1237mV | Temp=23.1C
DATA,3540,7.447,1.2636,1568,-1.550,1237.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.06091 wine=-0.00823
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 59
==

3544s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2894 ADC=1600 |
EC=-1.60mS/cm | MFC=89mV | Temp=23.1C
DATA,3544,7.273,1.2894,1600,-1.602,89.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3546s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.58mS/cm | MFC=73mV | Temp=23.1C
DATA,3546,7.420,1.2676,1573,-1.579,72.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3548s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=72mV | Temp=23.1C
DATA,3548,7.447,1.2636,1568,-1.485,71.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3550s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=31mV | Temp=23.1C

DATA,3550,7.458,1.2620,1566,-1.491,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3552s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=22mV | Temp=23.1C
DATA,3552,7.442,1.2644,1569,-1.485,21.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3554s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=35mV | Temp=23.1C
DATA,3554,7.453,1.2628,1567,-1.485,34.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3556s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,3556,7.458,1.2620,1566,-1.485,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3558s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=64mV | Temp=23.1C
DATA,3558,7.475,1.2596,1563,-1.485,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3560s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=101mV | Temp=23.1C
DATA,3560,7.464,1.2612,1565,-1.485,100.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3562s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=154mV | Temp=23.1C
DATA,3562,7.485,1.2579,1561,-1.491,153.9,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3564s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.50mS/cm | MFC=189mV | Temp=23.1C
DATA,3564,7.480,1.2588,1562,-1.503,189.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3566s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=257mV | Temp=23.1C
DATA,3566,7.458,1.2620,1566,-1.485,257.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3568s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.53mS/cm | MFC=322mV | Temp=23.1C
DATA,3568,7.496,1.2563,1559,-1.532,321.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3570s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.53mS/cm | MFC=412mV | Temp=23.1C
DATA,3570,7.496,1.2563,1559,-1.532,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3572s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.39mS/cm | MFC=567mV | Temp=23.1C
DATA,3572,7.464,1.2612,1565,-1.392,566.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3574s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=654mV | Temp=23.1C

DATA,3574,7.458,1.2620,1566,-1.298,653.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3576s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=753mV | Temp=23.1C
DATA,3576,7.458,1.2620,1566,-1.485,753.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3578s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=755mV | Temp=23.1C
DATA,3578,7.480,1.2588,1562,-1.485,755.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3580s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=798mV | Temp=23.1C
DATA,3580,7.458,1.2620,1566,-1.491,797.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3582s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.50mS/cm | MFC=855mV | Temp=23.1C
DATA,3582,7.453,1.2628,1567,-1.497,855.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3584s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.51mS/cm | MFC=910mV | Temp=23.1C
DATA,3584,7.458,1.2620,1566,-1.509,909.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3586s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.51mS/cm | MFC=983mV | Temp=23.1C
DATA,3586,7.464,1.2612,1565,-1.509,983.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3588s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.54mS/cm | MFC=1114mV | Temp=23.1C
DATA,3588,7.491,1.2571,1560,-1.538,1113.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3590s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.49mS/cm | MFC=1158mV | Temp=23.1C
DATA,3590,7.491,1.2571,1560,-1.485,1158.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3592s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.58mS/cm | MFC=1220mV | Temp=23.1C
DATA,3592,7.496,1.2563,1559,-1.579,1220.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3594s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.51mS/cm | MFC=1272mV | Temp=23.1C
DATA,3594,7.513,1.2539,1556,-1.509,1271.6,23.06,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3596s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.49mS/cm | MFC=1245mV | Temp=23.1C

DATA,3596,7.491,1.2571,1560,-1.485,1245.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3598s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=1107mV | Temp=23.1C
DATA,3598,7.469,1.2604,1564,-1.485,1107.3,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3600s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.58mS/cm | MFC=666mV | Temp=23.1C
DATA,3600,7.458,1.2620,1566,-1.585,665.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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=======================================
======= TANK 1 DOSING CYCLE ============
=======================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.06208 wine=-0.00705
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 60
=======================================
```

3604s | pH=7.30 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2853 ADC=1595 |
EC=-1.50mS/cm | MFC=357mV | Temp=23.1C
DATA,3604,7.301,1.2853,1595,-1.497,357.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3606s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=230mV | Temp=23.1C
DATA,3606,7.442,1.2644,1569,-1.485,230.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3608s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=85mV | Temp=23.1C
DATA,3608,7.447,1.2636,1568,-1.485,85.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3610s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=64mV | Temp=23.1C
DATA,3610,7.436,1.2652,1570,-1.485,63.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3612s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.11mS/cm | MFC=31mV | Temp=23.1C
DATA,3612,7.475,1.2596,1563,-1.111,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3614s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=67mV | Temp=23.1C

DATA,3614,7.485,1.2579,1561,-1.485,66.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3616s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.53mS/cm | MFC=309mV | Temp=23.1C

DATA,3616,7.458,1.2620,1566,-1.532,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3618s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.49mS/cm | MFC=618mV | Temp=23.1C

DATA,3618,7.502,1.2555,1558,-1.485,618.1,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3620s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=745mV | Temp=23.1C

DATA,3620,7.475,1.2596,1563,-1.485,744.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3622s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C

DATA,3622,7.436,1.2652,1570,-1.485,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3624s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.51mS/cm | MFC=936mV | Temp=23.1C

DATA,3624,7.426,1.2668,1572,-1.509,935.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3626s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.51mS/cm | MFC=1102mV | Temp=23.1C

DATA,3626,7.458,1.2620,1566,-1.509,1101.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3628s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=1181mV | Temp=23.1C

DATA,3628,7.447,1.2636,1568,-1.485,1180.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3630s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.50mS/cm | MFC=1253mV | Temp=23.1C

DATA,3630,7.458,1.2620,1566,-1.497,1253.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3632s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=1230mV | Temp=23.1C

DATA,3632,7.464,1.2612,1565,-1.485,1229.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3634s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.49mS/cm | MFC=1117mV | Temp=23.1C

DATA,3634,7.464,1.2612,1565,-1.485,1116.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3636s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.53mS/cm | MFC=656mV | Temp=23.1C

DATA,3636,7.480,1.2588,1562,-1.532,656.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3638s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=470mV | Temp=23.1C
DATA,3638,7.464,1.2612,1565,-1.485,469.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3640s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.51mS/cm | MFC=373mV | Temp=23.1C
DATA,3640,7.464,1.2612,1565,-1.509,373.1,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3642s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.51mS/cm | MFC=309mV | Temp=23.1C
DATA,3642,7.480,1.2588,1562,-1.509,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3644s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.50mS/cm | MFC=145mV | Temp=23.1C
DATA,3644,7.485,1.2579,1561,-1.497,145.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3646s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.58mS/cm | MFC=72mV | Temp=23.1C
DATA,3646,7.480,1.2588,1562,-1.585,71.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3648s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.56mS/cm | MFC=64mV | Temp=23.1C
DATA,3648,7.475,1.2596,1563,-1.561,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3650s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=38mV | Temp=23.1C
DATA,3650,7.464,1.2612,1565,-1.485,37.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3652s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.51mS/cm | MFC=63mV | Temp=23.1C
DATA,3652,7.485,1.2579,1561,-1.509,62.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3654s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.50mS/cm | MFC=247mV | Temp=23.1C
DATA,3654,7.491,1.2571,1560,-1.503,247.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3656s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.51mS/cm | MFC=463mV | Temp=23.1C
DATA,3656,7.485,1.2579,1561,-1.509,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3658s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.49mS/cm | MFC=650mV | Temp=23.1C
DATA,3658,7.502,1.2555,1558,-1.485,650.3,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3660s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.50mS/cm | MFC=719mV | Temp=23.1C

DATA,3660,7.453,1.2628,1567,-1.497,718.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ===========
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```
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05384 wine=-0.01529
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 61
```
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3664s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2902 ADC=1601 |
EC=-1.55mS/cm | MFC=733mV | Temp=23.1C
DATA,3664,7.268,1.2902,1601,-1.550,732.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3666s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=824mV | Temp=23.1C
DATA,3666,7.388,1.2725,1579,-1.485,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3668s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.31mS/cm | MFC=824mV | Temp=23.1C
DATA,3668,7.442,1.2644,1569,-1.310,824.4,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3670s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.51mS/cm | MFC=949mV | Temp=23.1C
DATA,3670,7.458,1.2620,1566,-1.509,949.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3672s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.50mS/cm | MFC=957mV | Temp=23.1C
DATA,3672,7.469,1.2604,1564,-1.503,956.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3674s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=1056mV | Temp=23.1C
DATA,3674,7.458,1.2620,1566,-1.485,1056.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3676s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=1099mV | Temp=23.1C

DATA,3676,7.469,1.2604,1564,-1.485,1099.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3678s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=1129mV | Temp=23.1C
DATA,3678,7.464,1.2612,1565,-1.485,1129.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3680s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.60mS/cm | MFC=1144mV | Temp=23.1C
DATA,3680,7.496,1.2563,1559,-1.602,1143.5,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3682s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.51mS/cm | MFC=1172mV | Temp=23.1C
DATA,3682,7.458,1.2620,1566,-1.509,1171.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3684s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.60mS/cm | MFC=1179mV | Temp=23.1C
DATA,3684,7.453,1.2628,1567,-1.602,1179.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3686s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.63mS/cm | MFC=1166mV | Temp=23.1C
DATA,3686,7.453,1.2628,1567,-1.626,1166.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3688s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.67mS/cm | MFC=1178mV | Temp=23.1C
DATA,3688,7.458,1.2620,1566,-1.672,1178.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3690s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.58mS/cm | MFC=1183mV | Temp=23.1C
DATA,3690,7.458,1.2620,1566,-1.579,1183.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3692s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.51mS/cm | MFC=1191mV | Temp=23.1C
DATA,3692,7.480,1.2588,1562,-1.515,1191.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3694s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=1204mV | Temp=23.1C
DATA,3694,7.458,1.2620,1566,-1.485,1204.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3696s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.53mS/cm | MFC=1230mV | Temp=23.1C
DATA,3696,7.480,1.2588,1562,-1.532,1229.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3698s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=1237mV | Temp=23.1C

DATA,3698,7.475,1.2596,1563,-1.491,1237.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3700s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.49mS/cm | MFC=1252mV | Temp=23.1C
DATA,3700,7.507,1.2547,1557,-1.485,1252.3,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3702s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.51mS/cm | MFC=1213mV | Temp=23.1C
DATA,3702,7.475,1.2596,1563,-1.509,1212.8,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3704s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=1195mV | Temp=23.1C
DATA,3704,7.475,1.2596,1563,-1.485,1195.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3706s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.49mS/cm | MFC=1156mV | Temp=23.1C
DATA,3706,7.485,1.2579,1561,-1.485,1156.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3708s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.49mS/cm | MFC=1052mV | Temp=23.1C
DATA,3708,7.496,1.2563,1559,-1.485,1051.6,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3710s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.53mS/cm | MFC=812mV | Temp=23.1C
DATA,3710,7.496,1.2563,1559,-1.532,811.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3712s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.49mS/cm | MFC=635mV | Temp=23.1C
DATA,3712,7.507,1.2547,1557,-1.485,635.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3714s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=541mV | Temp=23.1C
DATA,3714,7.464,1.2612,1565,-1.485,540.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3716s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.51mS/cm | MFC=455mV | Temp=23.1C
DATA,3716,7.464,1.2612,1565,-1.515,454.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3718s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,3718,7.480,1.2588,1562,-1.485,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3720s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=373mV | Temp=23.1C

DATA,3720,7.475,1.2596,1563,-1.485,373.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
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```
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05427 wine=-0.01487
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 62
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3724s | pH=7.28 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2886 ADC=1599 |
EC=-1.51mS/cm | MFC=81mV | Temp=23.1C
DATA,3724,7.279,1.2886,1599,-1.509,81.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3726s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.39mS/cm | MFC=64mV | Temp=23.1C
DATA,3726,7.436,1.2652,1570,-1.392,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3728s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.53mS/cm | MFC=76mV | Temp=23.1C
DATA,3728,7.464,1.2612,1565,-1.532,75.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3730s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.58mS/cm | MFC=62mV | Temp=23.1C
DATA,3730,7.480,1.2588,1562,-1.579,62.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3732s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.51mS/cm | MFC=38mV | Temp=23.1C
DATA,3732,7.469,1.2604,1564,-1.509,37.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3734s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.30mS/cm | MFC=35mV | Temp=23.1C
DATA,3734,7.485,1.2579,1561,-1.298,34.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3736s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.51mS/cm | MFC=102mV | Temp=23.1C
DATA,3736,7.453,1.2628,1567,-1.515,102.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3738s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.37mS/cm | MFC=269mV | Temp=23.1C
DATA,3738,7.458,1.2620,1566,-1.369,269.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3740s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.53mS/cm | MFC=502mV | Temp=23.1C
DATA,3740,7.464,1.2612,1565,-1.532,502.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3742s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=665mV | Temp=23.1C
DATA,3742,7.469,1.2604,1564,-1.485,664.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3744s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=738mV | Temp=23.1C
DATA,3744,7.464,1.2612,1565,-1.485,738.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3746s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=803mV | Temp=23.1C
DATA,3746,7.480,1.2588,1562,-1.485,803.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3748s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=889mV | Temp=23.1C
DATA,3748,7.469,1.2604,1564,-1.485,888.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3750s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.49mS/cm | MFC=1048mV | Temp=23.1C
DATA,3750,7.480,1.2588,1562,-1.485,1048.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3752s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.50mS/cm | MFC=1117mV | Temp=23.1C
DATA,3752,7.469,1.2604,1564,-1.497,1116.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3754s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.12mS/cm | MFC=1182mV | Temp=23.1C
DATA,3754,7.453,1.2628,1567,-1.123,1182.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3756s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=1213mV | Temp=23.1C
DATA,3756,7.453,1.2628,1567,-1.485,1212.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3758s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.50mS/cm | MFC=1168mV | Temp=23.1C
DATA,3758,7.436,1.2652,1570,-1.503,1167.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3760s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.49mS/cm | MFC=770mV | Temp=23.1C
DATA,3760,7.453,1.2628,1567,-1.485,769.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3762s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=479mV | Temp=23.1C
DATA,3762,7.458,1.2620,1566,-1.485,479.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3764s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.50mS/cm | MFC=322mV | Temp=23.1C
DATA,3764,7.436,1.2652,1570,-1.503,321.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3766s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.55mS/cm | MFC=237mV | Temp=23.1C
DATA,3766,7.453,1.2628,1567,-1.550,236.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3768s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.58mS/cm | MFC=87mV | Temp=23.1C
DATA,3768,7.453,1.2628,1567,-1.579,87.0,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3770s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.39mS/cm | MFC=51mV | Temp=23.1C
DATA,3770,7.442,1.2644,1569,-1.392,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3772s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.33mS/cm | MFC=31mV | Temp=23.1C
DATA,3772,7.458,1.2620,1566,-1.333,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3774s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.53mS/cm | MFC=199mV | Temp=23.1C
DATA,3774,7.469,1.2604,1564,-1.532,199.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3776s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.51mS/cm | MFC=549mV | Temp=23.1C
DATA,3776,7.475,1.2596,1563,-1.509,548.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3778s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.25mS/cm | MFC=713mV | Temp=23.1C
DATA,3778,7.442,1.2644,1569,-1.252,713.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3780s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=862mV | Temp=23.1C
DATA,3780,7.442,1.2644,1569,-1.485,862.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03663 wine=-0.03251

--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 63
=======================================

3784s | pH=7.25 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2926 ADC=1604 |
EC=-1.53mS/cm | MFC=739mV | Temp=23.1C
DATA,3784,7.252,1.2926,1604,-1.532,739.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3786s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.51mS/cm | MFC=824mV | Temp=23.1C
DATA,3786,7.420,1.2676,1573,-1.509,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3788s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=979mV | Temp=23.1C
DATA,3788,7.398,1.2708,1577,-1.485,979.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
3790s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.49mS/cm | MFC=1092mV | Temp=23.1C
DATA,3790,7.458,1.2620,1566,-1.485,1091.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3792s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.32mS/cm | MFC=1163mV | Temp=23.1C
DATA,3792,7.447,1.2636,1568,-1.322,1162.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3794s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.55mS/cm | MFC=1233mV | Temp=23.1C
DATA,3794,7.464,1.2612,1565,-1.550,1233.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3796s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.49mS/cm | MFC=1205mV | Temp=23.1C
DATA,3796,7.469,1.2604,1564,-1.485,1204.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3798s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.49mS/cm | MFC=1123mV | Temp=23.1C
DATA,3798,7.485,1.2579,1561,-1.485,1122.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3800s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.50mS/cm | MFC=701mV | Temp=23.1C
DATA,3800,7.475,1.2596,1563,-1.497,701.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

3802s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.52mS/cm | MFC=470mV | Temp=23.1C
DATA,3802,7.491,1.2571,1560,-1.521,469.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3804s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.53mS/cm | MFC=354mV | Temp=23.1C
DATA,3804,7.469,1.2604,1564,-1.532,353.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3806s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.51mS/cm | MFC=230mV | Temp=23.1C
DATA,3806,7.507,1.2547,1557,-1.515,229.7,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3808s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.51mS/cm | MFC=86mV | Temp=23.1C
DATA,3808,7.458,1.2620,1566,-1.509,86.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3810s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.63mS/cm | MFC=68mV | Temp=23.1C
DATA,3810,7.496,1.2563,1559,-1.632,67.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3812s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-2.00mS/cm | MFC=17mV | Temp=23.1C
DATA,3812,7.502,1.2555,1558,-2.000,16.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3814s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.53mS/cm | MFC=93mV | Temp=23.1C
DATA,3814,7.475,1.2596,1563,-1.532,92.7,23.06,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3816s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.54mS/cm | MFC=380mV | Temp=23.1C
DATA,3816,7.502,1.2555,1558,-1.544,379.6,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3818s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.54mS/cm | MFC=648mV | Temp=23.1C
DATA,3818,7.518,1.2531,1555,-1.544,647.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3820s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.53mS/cm | MFC=805mV | Temp=23.1C
DATA,3820,7.502,1.2555,1558,-1.532,805.1,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3822s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.53mS/cm | MFC=848mV | Temp=23.1C
DATA,3822,7.491,1.2571,1560,-1.532,847.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3824s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 | EC=-1.49mS/cm | MFC=963mV | Temp=23.1C

DATA,3824,7.475,1.2596,1563,-1.485,963.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3826s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.49mS/cm | MFC=1101mV | Temp=23.1C
DATA,3826,7.480,1.2588,1562,-1.485,1100.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3828s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.49mS/cm | MFC=1170mV | Temp=23.1C
DATA,3828,7.475,1.2596,1563,-1.485,1170.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3830s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.50mS/cm | MFC=1237mV | Temp=23.1C
DATA,3830,7.469,1.2604,1564,-1.497,1237.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3832s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.53mS/cm | MFC=1202mV | Temp=23.1C
DATA,3832,7.464,1.2612,1565,-1.532,1202.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3834s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.49mS/cm | MFC=960mV | Temp=23.1C
DATA,3834,7.447,1.2636,1568,-1.491,959.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3836s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.53mS/cm | MFC=567mV | Temp=23.1C
DATA,3836,7.431,1.2660,1571,-1.532,566.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3838s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.51mS/cm | MFC=412mV | Temp=23.1C
DATA,3838,7.464,1.2612,1565,-1.509,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3840s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.55mS/cm | MFC=305mV | Temp=23.1C
DATA,3840,7.420,1.2676,1573,-1.550,305.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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==========================================
======= TANK 1 DOSING CYCLE ============
==========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.03857 wine=-0.03057
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
```

SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 64
==

3844s | pH=7.25 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2926 ADC=1604 |
EC=-1.51mS/cm | MFC=64mV | Temp=23.1C
DATA,3844,7.252,1.2926,1604,-1.509,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3846s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.54mS/cm | MFC=31mV | Temp=23.1C
DATA,3846,7.426,1.2668,1572,-1.538,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3848s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.53mS/cm | MFC=60mV | Temp=23.1C
DATA,3848,7.420,1.2676,1573,-1.532,60.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3850s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.60mS/cm | MFC=251mV | Temp=23.1C
DATA,3850,7.458,1.2620,1566,-1.596,250.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3852s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.54mS/cm | MFC=554mV | Temp=23.1C
DATA,3852,7.447,1.2636,1568,-1.538,553.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3854s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.53mS/cm | MFC=689mV | Temp=23.1C
DATA,3854,7.431,1.2660,1571,-1.532,689.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3856s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.53mS/cm | MFC=764mV | Temp=23.1C
DATA,3856,7.453,1.2628,1567,-1.532,764.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3858s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.53mS/cm | MFC=889mV | Temp=23.1C
DATA,3858,7.409,1.2692,1575,-1.532,888.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3860s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.36mS/cm | MFC=907mV | Temp=23.1C
DATA,3860,7.431,1.2660,1571,-1.363,906.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
3862s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.51mS/cm | MFC=1015mV | Temp=23.1C
DATA,3862,7.420,1.2676,1573,-1.509,1014.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
3864s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.53mS/cm | MFC=1101mV | Temp=23.1C

DATA,3864,7.464,1.2612,1565,-1.532,1100.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3866s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.49mS/cm | MFC=1134mV | Temp=23.1C
DATA,3866,7.485,1.2579,1561,-1.485,1133.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3868s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.49mS/cm | MFC=1163mV | Temp=23.1C
DATA,3868,7.513,1.2539,1556,-1.485,1162.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3870s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.58mS/cm | MFC=1215mV | Temp=23.1C
DATA,3870,7.507,1.2547,1557,-1.579,1215.2,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3872s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.51mS/cm | MFC=1217mV | Temp=23.1C
DATA,3872,7.496,1.2563,1559,-1.509,1216.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3874s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.53mS/cm | MFC=1234mV | Temp=23.1C
DATA,3874,7.507,1.2547,1557,-1.532,1233.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3876s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.55mS/cm | MFC=1237mV | Temp=23.1C
DATA,3876,7.529,1.2515,1553,-1.550,1237.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3878s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.53mS/cm | MFC=1223mV | Temp=23.1C
DATA,3878,7.496,1.2563,1559,-1.532,1223.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3880s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.51mS/cm | MFC=1234mV | Temp=23.1C
DATA,3880,7.518,1.2531,1555,-1.509,1233.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3882s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.49mS/cm | MFC=1204mV | Temp=23.1C
DATA,3882,7.507,1.2547,1557,-1.485,1204.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3884s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.50mS/cm | MFC=1226mV | Temp=23.1C
DATA,3884,7.507,1.2547,1557,-1.503,1225.7,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3886s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.49mS/cm | MFC=1196mV | Temp=23.1C

DATA,3886,7.502,1.2555,1558,-1.491,1195.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3888s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 | EC=-1.49mS/cm | MFC=1188mV | Temp=23.1C
DATA,3888,7.518,1.2531,1555,-1.491,1187.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3890s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.49mS/cm | MFC=1192mV | Temp=23.1C
DATA,3890,7.496,1.2563,1559,-1.485,1191.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3892s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.39mS/cm | MFC=1170mV | Temp=23.1C
DATA,3892,7.529,1.2515,1553,-1.392,1170.1,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3894s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.51mS/cm | MFC=1185mV | Temp=23.1C
DATA,3894,7.502,1.2555,1558,-1.509,1185.4,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3896s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 | EC=-1.52mS/cm | MFC=1181mV | Temp=23.1C
DATA,3896,7.502,1.2555,1558,-1.521,1180.6,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3898s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.52mS/cm | MFC=1185mV | Temp=23.1C
DATA,3898,7.507,1.2547,1557,-1.521,1185.4,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3900s | pH=7.53 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2515 ADC=1553 | EC=-1.55mS/cm | MFC=1189mV | Temp=23.1C
DATA,3900,7.529,1.2515,1553,-1.550,1188.6,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.06121 wine=-0.00793
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 65
==

3909s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.35mS/cm | MFC=144mV | Temp=23.1C
DATA,3909,7.366,1.2757,1583,-1.345,144.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
3911s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.53mS/cm | MFC=154mV | Temp=23.1C
DATA,3911,7.507,1.2547,1557,-1.532,153.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
3913s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.53mS/cm | MFC=280mV | Temp=23.1C
DATA,3913,7.469,1.2604,1564,-1.532,279.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3915s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.51mS/cm | MFC=308mV | Temp=23.1C
DATA,3915,7.475,1.2596,1563,-1.509,307.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3917s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.31mS/cm | MFC=380mV | Temp=23.1C
DATA,3917,7.475,1.2596,1563,-1.310,379.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3919s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 |
EC=-1.53mS/cm | MFC=463mV | Temp=23.1C
DATA,3919,7.480,1.2588,1562,-1.532,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3921s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.53mS/cm | MFC=546mV | Temp=23.1C
DATA,3921,7.475,1.2596,1563,-1.532,546.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3923s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.54mS/cm | MFC=648mV | Temp=23.1C
DATA,3923,7.458,1.2620,1566,-1.544,647.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3925s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.59mS/cm | MFC=656mV | Temp=23.1C
DATA,3925,7.475,1.2596,1563,-1.591,656.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3927s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.58mS/cm | MFC=702mV | Temp=23.1C
DATA,3927,7.453,1.2628,1567,-1.579,701.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
3929s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 |
EC=-1.53mS/cm | MFC=718mV | Temp=23.1C

DATA,3929,7.485,1.2579,1561,-1.532,718.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3931s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.51mS/cm | MFC=721mV | Temp=23.1C
DATA,3931,7.507,1.2547,1557,-1.515,721.2,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

3933s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.53mS/cm | MFC=752mV | Temp=23.1C
DATA,3933,7.447,1.2636,1568,-1.532,751.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3935s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.51mS/cm | MFC=766mV | Temp=23.1C
DATA,3935,7.458,1.2620,1566,-1.509,765.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3937s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.67mS/cm | MFC=799mV | Temp=23.1C
DATA,3937,7.485,1.2579,1561,-1.672,798.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3939s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.51mS/cm | MFC=809mV | Temp=23.1C
DATA,3939,7.464,1.2612,1565,-1.515,809.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3941s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.53mS/cm | MFC=824mV | Temp=23.1C
DATA,3941,7.431,1.2660,1571,-1.532,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3943s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.53mS/cm | MFC=882mV | Temp=23.1C
DATA,3943,7.447,1.2636,1568,-1.532,882.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3945s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.49mS/cm | MFC=919mV | Temp=23.1C
DATA,3945,7.485,1.2579,1561,-1.485,918.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3947s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.58mS/cm | MFC=978mV | Temp=23.1C
DATA,3947,7.464,1.2612,1565,-1.579,978.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3949s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.54mS/cm | MFC=1052mV | Temp=23.1C
DATA,3949,7.453,1.2628,1567,-1.538,1052.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3951s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.33mS/cm | MFC=1113mV | Temp=23.1C

DATA,3951,7.447,1.2636,1568,-1.328,1112.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3953s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.55mS/cm | MFC=1156mV | Temp=23.1C
DATA,3953,7.453,1.2628,1567,-1.550,1156.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3955s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.39mS/cm | MFC=1169mV | Temp=23.1C
DATA,3955,7.447,1.2636,1568,-1.392,1169.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3957s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.13mS/cm | MFC=1217mV | Temp=23.1C
DATA,3957,7.475,1.2596,1563,-1.135,1216.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3959s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.49mS/cm | MFC=1257mV | Temp=23.1C
DATA,3959,7.453,1.2628,1567,-1.485,1257.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3961s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.51mS/cm | MFC=1192mV | Temp=23.1C
DATA,3961,7.458,1.2620,1566,-1.515,1191.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.06121 wine=-0.00968
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 66
==

3964s | pH=7.21 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2990 ADC=1612 |
EC=-1.49mS/cm | MFC=165mV | Temp=23.1C
DATA,3964,7.208,1.2990,1612,-1.485,165.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3966s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.52mS/cm | MFC=612mV | Temp=23.1C

DATA,3966,7.371,1.2749,1582,-1.521,611.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3968s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.53mS/cm | MFC=691mV | Temp=23.1C
DATA,3968,7.404,1.2700,1576,-1.532,690.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3970s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.70mS/cm | MFC=733mV | Temp=23.1C
DATA,3970,7.404,1.2700,1576,-1.696,733.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3972s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.52mS/cm | MFC=750mV | Temp=23.1C
DATA,3972,7.420,1.2676,1573,-1.521,750.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3974s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=784mV | Temp=23.1C
DATA,3974,7.426,1.2668,1572,-1.491,784.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3976s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.51mS/cm | MFC=820mV | Temp=23.1C
DATA,3976,7.409,1.2692,1575,-1.509,820.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3978s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.53mS/cm | MFC=824mV | Temp=23.1C
DATA,3978,7.382,1.2733,1580,-1.532,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3980s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.53mS/cm | MFC=928mV | Temp=23.1C
DATA,3980,7.458,1.2620,1566,-1.532,927.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3982s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.39mS/cm | MFC=919mV | Temp=23.1C
DATA,3982,7.409,1.2692,1575,-1.392,918.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3984s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.35mS/cm | MFC=1017mV | Temp=23.1C
DATA,3984,7.409,1.2692,1575,-1.345,1017.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3986s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.18mS/cm | MFC=1061mV | Temp=23.1C
DATA,3986,7.409,1.2692,1575,-1.176,1060.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3988s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=1106mV | Temp=23.1C

DATA,3988,7.398,1.2708,1577,-1.485,1106.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

3990s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.63mS/cm | MFC=1134mV | Temp=23.1C
DATA,3990,7.409,1.2692,1575,-1.626,1133.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3992s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.63mS/cm | MFC=1169mV | Temp=23.1C
DATA,3992,7.442,1.2644,1569,-1.632,1169.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3994s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.18mS/cm | MFC=1222mV | Temp=23.1C
DATA,3994,7.431,1.2660,1571,-1.176,1221.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3996s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.53mS/cm | MFC=1220mV | Temp=23.1C
DATA,3996,7.420,1.2676,1573,-1.532,1220.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

3998s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=1192mV | Temp=23.1C
DATA,3998,7.415,1.2684,1574,-1.485,1191.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4000s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.53mS/cm | MFC=1139mV | Temp=23.1C
DATA,4000,7.404,1.2700,1576,-1.532,1139.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4002s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.58mS/cm | MFC=824mV | Temp=23.1C
DATA,4002,7.415,1.2684,1574,-1.579,824.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4004s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=579mV | Temp=23.1C
DATA,4004,7.404,1.2700,1576,-1.485,579.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4006s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.53mS/cm | MFC=412mV | Temp=23.1C
DATA,4006,7.426,1.2668,1572,-1.532,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4008s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.49mS/cm | MFC=352mV | Temp=23.1C
DATA,4008,7.442,1.2644,1569,-1.485,352.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4010s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.53mS/cm | MFC=244mV | Temp=23.1C

DATA,4010,7.431,1.2660,1571,-1.532,244.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4012s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.49mS/cm | MFC=153mV | Temp=23.1C
DATA,4012,7.426,1.2668,1572,-1.485,153.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4014s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.67mS/cm | MFC=96mV | Temp=23.1C
DATA,4014,7.431,1.2660,1571,-1.672,95.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4016s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.63mS/cm | MFC=73mV | Temp=23.1C
DATA,4016,7.420,1.2676,1573,-1.632,72.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4018s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.51mS/cm | MFC=51mV | Temp=23.1C
DATA,4018,7.431,1.2660,1571,-1.509,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4020s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.49mS/cm | MFC=31mV | Temp=23.1C
DATA,4020,7.447,1.2636,1568,-1.491,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05195 wine=-0.01894
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 67
==

4024s | pH=7.22 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2966 ADC=1609 | EC=-1.30mS/cm | MFC=650mV | Temp=23.1C
DATA,4024,7.224,1.2966,1609,-1.298,649.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4026s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 | EC=-1.51mS/cm | MFC=721mV | Temp=23.1C
DATA,4026,7.360,1.2765,1584,-1.509,721.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4028s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.51mS/cm | MFC=799mV | Temp=23.1C

DATA,4028,7.393,1.2716,1578,-1.509,798.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4030s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=887mV | Temp=23.1C

DATA,4030,7.442,1.2644,1569,-1.491,887.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4032s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=985mV | Temp=23.1C

DATA,4032,7.409,1.2692,1575,-1.485,984.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4034s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.32mS/cm | MFC=1104mV | Temp=23.1C

DATA,4034,7.409,1.2692,1575,-1.322,1104.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4036s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.33mS/cm | MFC=1189mV | Temp=23.1C

DATA,4036,7.398,1.2708,1577,-1.328,1188.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4038s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.49mS/cm | MFC=1233mV | Temp=23.1C

DATA,4038,7.420,1.2676,1573,-1.485,1233.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4040s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=1280mV | Temp=23.1C

DATA,4040,7.409,1.2692,1575,-1.485,1279.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4042s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=1254mV | Temp=23.1C

DATA,4042,7.431,1.2660,1571,-1.485,1253.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4044s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.64mS/cm | MFC=1180mV | Temp=23.1C

DATA,4044,7.453,1.2628,1567,-1.643,1179.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4046s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.50mS/cm | MFC=1089mV | Temp=23.1C

DATA,4046,7.447,1.2636,1568,-1.503,1088.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4048s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.53mS/cm | MFC=844mV | Temp=23.1C

DATA,4048,7.464,1.2612,1565,-1.532,843.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4050s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=682mV | Temp=23.1C

DATA,4050,7.436,1.2652,1570,-1.485,681.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4052s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.50mS/cm | MFC=642mV | Temp=23.1C
DATA,4052,7.420,1.2676,1573,-1.497,642.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4054s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=506mV | Temp=23.1C
DATA,4054,7.458,1.2620,1566,-1.485,506.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4056s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.49mS/cm | MFC=470mV | Temp=23.1C
DATA,4056,7.404,1.2700,1576,-1.491,469.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4058s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.51mS/cm | MFC=442mV | Temp=23.1C
DATA,4058,7.453,1.2628,1567,-1.515,442.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4060s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.54mS/cm | MFC=403mV | Temp=23.1C
DATA,4060,7.426,1.2668,1572,-1.538,402.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4062s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.49mS/cm | MFC=360mV | Temp=23.1C
DATA,4062,7.464,1.2612,1565,-1.485,360.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4064s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.51mS/cm | MFC=309mV | Temp=23.1C
DATA,4064,7.447,1.2636,1568,-1.509,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4066s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.49mS/cm | MFC=283mV | Temp=23.1C
DATA,4066,7.469,1.2604,1564,-1.485,282.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4068s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.50mS/cm | MFC=244mV | Temp=23.1C
DATA,4068,7.442,1.2644,1569,-1.497,244.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4070s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.50mS/cm | MFC=205mV | Temp=23.1C
DATA,4070,7.453,1.2628,1567,-1.497,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4072s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 | EC=-1.49mS/cm | MFC=154mV | Temp=23.1C

DATA,4072,7.458,1.2620,1566,-1.485,153.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4074s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=102mV | Temp=23.1C
DATA,4074,7.442,1.2644,1569,-1.485,102.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4076s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.50mS/cm | MFC=77mV | Temp=23.1C
DATA,4076,7.426,1.2668,1572,-1.503,76.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4078s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.61mS/cm | MFC=83mV | Temp=23.2C
DATA,4078,7.436,1.2652,1570,-1.608,83.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4080s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.55mS/cm | MFC=68mV | Temp=23.1C
DATA,4080,7.431,1.2660,1571,-1.550,68.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.04818 wine=-0.02270
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 68
==

4084s | pH=7.24 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2942 ADC=1606 |
EC=-1.49mS/cm | MFC=370mV | Temp=23.1C
DATA,4084,7.241,1.2942,1606,-1.485,369.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4086s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=508mV | Temp=23.1C
DATA,4086,7.398,1.2708,1577,-1.491,508.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4088s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.49mS/cm | MFC=586mV | Temp=23.1C
DATA,4088,7.382,1.2733,1580,-1.491,585.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4090s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=692mV | Temp=23.1C

DATA,4090,7.426,1.2668,1572,-1.491,692.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4092s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=751mV | Temp=23.1C
DATA,4092,7.415,1.2684,1574,-1.485,751.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4094s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.49mS/cm | MFC=808mV | Temp=23.1C
DATA,4094,7.415,1.2684,1574,-1.485,808.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4096s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.39mS/cm | MFC=861mV | Temp=23.1C
DATA,4096,7.382,1.2733,1580,-1.392,860.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4098s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.30mS/cm | MFC=923mV | Temp=23.1C
DATA,4098,7.377,1.2741,1581,-1.298,922.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4100s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.51mS/cm | MFC=1040mV | Temp=23.1C
DATA,4100,7.388,1.2725,1579,-1.515,1040.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4102s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 | EC=-1.58mS/cm | MFC=1088mV | Temp=23.1C
DATA,4102,7.366,1.2757,1583,-1.585,1087.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4104s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.53mS/cm | MFC=1123mV | Temp=23.1C
DATA,4104,7.377,1.2741,1581,-1.532,1122.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4106s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 | EC=-1.49mS/cm | MFC=1148mV | Temp=23.1C
DATA,4106,7.360,1.2765,1584,-1.485,1148.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4108s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 | EC=-1.49mS/cm | MFC=1205mV | Temp=23.1C
DATA,4108,7.366,1.2757,1583,-1.485,1204.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4110s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 | EC=-1.49mS/cm | MFC=1226mV | Temp=23.1C
DATA,4110,7.366,1.2757,1583,-1.491,1225.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4112s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 | EC=-1.49mS/cm | MFC=1185mV | Temp=23.1C

DATA,4112,7.355,1.2773,1585,-1.485,1185.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4114s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=1161mV | Temp=23.1C
DATA,4114,7.371,1.2749,1582,-1.485,1161.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4116s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=1105mV | Temp=23.1C
DATA,4116,7.377,1.2741,1581,-1.485,1104.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4118s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=970mV | Temp=23.1C
DATA,4118,7.366,1.2757,1583,-1.485,970.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4120s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=766mV | Temp=23.1C
DATA,4120,7.366,1.2757,1583,-1.485,766.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4122s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.49mS/cm | MFC=639mV | Temp=23.1C
DATA,4122,7.360,1.2765,1584,-1.485,639.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4124s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.49mS/cm | MFC=532mV | Temp=23.1C
DATA,4124,7.360,1.2765,1584,-1.485,531.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4126s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.58mS/cm | MFC=513mV | Temp=23.1C
DATA,4126,7.366,1.2757,1583,-1.579,513.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4128s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,4128,7.377,1.2741,1581,-1.485,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4130s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=373mV | Temp=23.1C
DATA,4130,7.398,1.2708,1577,-1.485,373.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4132s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=334mV | Temp=23.1C
DATA,4132,7.371,1.2749,1582,-1.485,334.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4134s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.49mS/cm | MFC=344mV | Temp=23.1C

DATA,4134,7.355,1.2773,1585,-1.485,344.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4136s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.49mS/cm | MFC=244mV | Temp=23.1C
DATA,4136,7.349,1.2781,1586,-1.485,244.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4138s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.50mS/cm | MFC=205mV | Temp=23.1C
DATA,4138,7.360,1.2765,1584,-1.503,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4140s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=154mV | Temp=23.1C
DATA,4140,7.366,1.2757,1583,-1.485,153.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

```
========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.01908 wine=-0.05180
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE  (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 69
========================================
```

4144s | pH=7.24 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2942 ADC=1606 |
EC=-1.49mS/cm | MFC=686mV | Temp=23.1C
DATA,4144,7.241,1.2942,1606,-1.485,685.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4146s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=605mV | Temp=23.1C
DATA,4146,7.377,1.2741,1581,-1.485,605.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4148s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.39mS/cm | MFC=538mV | Temp=23.1C
DATA,4148,7.393,1.2716,1578,-1.392,537.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4150s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.2C

DATA,4150,7.415,1.2684,1574,-1.485,462.6,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4152s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,4152,7.388,1.2725,1579,-1.485,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4154s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 | EC=-1.36mS/cm | MFC=412mV | Temp=23.1C
DATA,4154,7.377,1.2741,1581,-1.363,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4156s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.49mS/cm | MFC=405mV | Temp=23.1C
DATA,4156,7.393,1.2716,1578,-1.485,404.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4158s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.49mS/cm | MFC=370mV | Temp=23.1C
DATA,4158,7.388,1.2725,1579,-1.485,369.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4160s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 | EC=-1.30mS/cm | MFC=346mV | Temp=23.1C
DATA,4160,7.355,1.2773,1585,-1.298,345.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4162s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=321mV | Temp=23.1C
DATA,4162,7.409,1.2692,1575,-1.485,320.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4164s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 | EC=-1.49mS/cm | MFC=304mV | Temp=23.1C
DATA,4164,7.355,1.2773,1585,-1.485,303.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4166s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,4166,7.398,1.2708,1577,-1.485,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4168s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 | EC=-1.49mS/cm | MFC=151mV | Temp=23.1C
DATA,4168,7.409,1.2692,1575,-1.485,150.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4170s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.35mS/cm | MFC=96mV | Temp=23.1C
DATA,4170,7.415,1.2684,1574,-1.345,95.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4172s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.54mS/cm | MFC=83mV | Temp=23.1C
DATA,4172,7.420,1.2676,1573,-1.544,83.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4174s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.56mS/cm | MFC=70mV | Temp=23.1C
DATA,4174,7.409,1.2692,1575,-1.561,70.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4176s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.30mS/cm | MFC=51mV | Temp=23.1C
DATA,4176,7.404,1.2700,1576,-1.298,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4178s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=37mV | Temp=23.1C
DATA,4178,7.426,1.2668,1572,-1.485,37.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4180s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=30mV | Temp=23.1C
DATA,4180,7.371,1.2749,1582,-1.485,29.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4182s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.54mS/cm | MFC=73mV | Temp=23.1C
DATA,4182,7.393,1.2716,1578,-1.538,72.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4184s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,4184,7.409,1.2692,1575,-1.485,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4186s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=463mV | Temp=23.1C
DATA,4186,7.393,1.2716,1578,-1.485,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4188s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=633mV | Temp=23.1C
DATA,4188,7.388,1.2725,1579,-1.485,633.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4190s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=737mV | Temp=23.1C
DATA,4190,7.398,1.2708,1577,-1.485,737.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4192s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.49mS/cm | MFC=810mV | Temp=23.1C
DATA,4192,7.436,1.2652,1570,-1.485,809.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4194s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.49mS/cm | MFC=876mV | Temp=23.1C
DATA,4194,7.404,1.2700,1576,-1.485,876.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4196s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.49mS/cm | MFC=961mV | Temp=23.1C
DATA,4196,7.415,1.2684,1574,-1.485,961.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

4198s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=1088mV | Temp=23.1C
DATA,4198,7.393,1.2716,1578,-1.485,1087.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
4200s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.58mS/cm | MFC=1164mV | Temp=23.1C
DATA,4200,7.393,1.2716,1578,-1.579,1163.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05172 wine=-0.01916
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 70
==

4204s | pH=7.29 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2870 ADC=1597 |
EC=-1.18mS/cm | MFC=1218mV | Temp=23.1C
DATA,4204,7.290,1.2870,1597,-1.176,1217.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
4206s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.49mS/cm | MFC=1179mV | Temp=23.2C
DATA,4206,7.360,1.2765,1584,-1.485,1179.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
4208s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 |
EC=-1.49mS/cm | MFC=966mV | Temp=23.1C
DATA,4208,7.393,1.2716,1578,-1.485,966.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4210s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=715mV | Temp=23.1C
DATA,4210,7.409,1.2692,1575,-1.485,714.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4212s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.36mS/cm | MFC=541mV | Temp=23.1C
DATA,4212,7.404,1.2700,1576,-1.363,540.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

4214s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.25mS/cm | MFC=493mV | Temp=23.1C
DATA,4214,7.398,1.2708,1577,-1.252,493.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4216s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,4216,7.398,1.2708,1577,-1.485,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4218s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,4218,7.409,1.2692,1575,-1.485,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4220s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=341mV | Temp=23.2C
DATA,4220,7.388,1.2725,1579,-1.485,340.9,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4222s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.49mS/cm | MFC=334mV | Temp=23.2C
DATA,4222,7.349,1.2781,1586,-1.485,334.4,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4224s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=264mV | Temp=23.1C
DATA,4224,7.371,1.2749,1582,-1.485,263.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4226s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.25mS/cm | MFC=205mV | Temp=23.1C
DATA,4226,7.382,1.2733,1580,-1.252,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4228s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.49mS/cm | MFC=193mV | Temp=23.1C
DATA,4228,7.388,1.2725,1579,-1.485,192.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4230s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.36mS/cm | MFC=153mV | Temp=23.1C
DATA,4230,7.371,1.2749,1582,-1.363,153.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4232s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.13mS/cm | MFC=137mV | Temp=23.1C
DATA,4232,7.349,1.2781,1586,-1.129,137.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4234s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.26mS/cm | MFC=88mV | Temp=23.1C
DATA,4234,7.366,1.2757,1583,-1.263,87.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4236s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.05mS/cm | MFC=76mV | Temp=23.1C
DATA,4236,7.404,1.2700,1576,-1.047,75.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4238s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.58mS/cm | MFC=93mV | Temp=23.1C
DATA,4238,7.366,1.2757,1583,-1.585,92.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4240s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 |
EC=-1.49mS/cm | MFC=68mV | Temp=23.1C
DATA,4240,7.360,1.2765,1584,-1.485,68.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4242s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.49mS/cm | MFC=83mV | Temp=23.1C
DATA,4242,7.349,1.2781,1586,-1.491,83.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4244s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.35mS/cm | MFC=38mV | Temp=23.1C
DATA,4244,7.371,1.2749,1582,-1.345,37.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4246s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.49mS/cm | MFC=68mV | Temp=23.2C
DATA,4246,7.366,1.2757,1583,-1.485,68.5,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4248s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.54mS/cm | MFC=64mV | Temp=23.1C
DATA,4248,7.355,1.2773,1585,-1.538,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4250s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.23mS/cm | MFC=73mV | Temp=23.1C
DATA,4250,7.349,1.2781,1586,-1.228,73.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4252s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.39mS/cm | MFC=64mV | Temp=23.1C
DATA,4252,7.371,1.2749,1582,-1.392,63.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4254s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.72mS/cm | MFC=63mV | Temp=23.1C
DATA,4254,7.349,1.2781,1586,-1.719,62.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4256s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.1C
DATA,4256,7.355,1.2773,1585,-1.485,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4258s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2797 ADC=1588 |
EC=-1.55mS/cm | MFC=51mV | Temp=23.2C
DATA,4258,7.339,1.2797,1588,-1.550,50.8,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4260s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2789 ADC=1587 |
EC=-1.30mS/cm | MFC=57mV | Temp=23.1C
DATA,4260,7.344,1.2789,1587,-1.298,57.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

==
======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO

Doses (mL): urine=0.4861 wine=0.7292 spir=0.1000 total=1.3153
Learned pH/mL: urine=+0.01763 wine=-0.05326
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  RUN SPIR+Fe (D4): 0.100 mL (253 ms)
--- DONE ---
Dose count: 71
==

4264s | pH=7.20 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2999 ADC=1613 |
EC=-1.39mS/cm | MFC=189mV | Temp=23.1C
DATA,4264,7.203,1.2999,1613,-1.392,188.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4266s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2789 ADC=1587 |
EC=-1.49mS/cm | MFC=205mV | Temp=23.1C
DATA,4266,7.344,1.2789,1587,-1.485,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4268s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.35mS/cm | MFC=205mV | Temp=23.1C
DATA,4268,7.377,1.2741,1581,-1.345,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4270s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=237mV | Temp=23.1C
DATA,4270,7.371,1.2749,1582,-1.485,236.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4272s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,4272,7.371,1.2749,1582,-1.485,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4274s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2741 ADC=1581 |
EC=-1.49mS/cm | MFC=294mV | Temp=23.1C
DATA,4274,7.377,1.2741,1581,-1.485,294.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4276s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.49mS/cm | MFC=309mV | Temp=23.1C
DATA,4276,7.355,1.2773,1585,-1.485,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4278s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.49mS/cm | MFC=334mV | Temp=23.1C
DATA,4278,7.371,1.2749,1582,-1.485,334.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4280s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 |
EC=-1.39mS/cm | MFC=352mV | Temp=23.1C

DATA,4280,7.382,1.2733,1580,-1.392,352.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4282s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 | EC=-1.49mS/cm | MFC=370mV | Temp=23.2C
DATA,4282,7.371,1.2749,1582,-1.485,369.9,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4284s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 | EC=-1.36mS/cm | MFC=360mV | Temp=23.1C
DATA,4284,7.355,1.2773,1585,-1.363,360.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4286s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 | EC=-1.39mS/cm | MFC=376mV | Temp=23.1C
DATA,4286,7.371,1.2749,1582,-1.392,375.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4288s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2813 ADC=1590 | EC=-1.49mS/cm | MFC=397mV | Temp=23.1C
DATA,4288,7.328,1.2813,1590,-1.485,397.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4290s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 | EC=-1.18mS/cm | MFC=390mV | Temp=23.1C
DATA,4290,7.349,1.2781,1586,-1.176,390.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4292s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 | EC=-1.49mS/cm | MFC=412mV | Temp=23.1C
DATA,4292,7.349,1.2781,1586,-1.485,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4294s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2789 ADC=1587 | EC=-1.49mS/cm | MFC=453mV | Temp=23.1C
DATA,4294,7.344,1.2789,1587,-1.485,452.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4296s | pH=7.38 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2733 ADC=1580 | EC=-1.17mS/cm | MFC=412mV | Temp=23.1C
DATA,4296,7.382,1.2733,1580,-1.170,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4298s | pH=7.36 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2765 ADC=1584 | EC=-1.20mS/cm | MFC=412mV | Temp=23.1C
DATA,4298,7.360,1.2765,1584,-1.205,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4300s | pH=7.34 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2789 ADC=1587 | EC=-1.20mS/cm | MFC=443mV | Temp=23.2C
DATA,4300,7.344,1.2789,1587,-1.205,443.2,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4302s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.13mS/cm | MFC=463mV | Temp=23.1C

DATA,4302,7.404,1.2700,1576,-1.135,463.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4304s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 | EC=-1.19mS/cm | MFC=447mV | Temp=23.1C
DATA,4304,7.426,1.2668,1572,-1.187,447.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4306s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.02mS/cm | MFC=470mV | Temp=23.1C
DATA,4306,7.507,1.2547,1557,-1.018,469.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

4308s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.11mS/cm | MFC=481mV | Temp=23.1C
DATA,4308,7.480,1.2588,1562,-1.111,481.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4310s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.11mS/cm | MFC=537mV | Temp=23.1C
DATA,4310,7.485,1.2579,1561,-1.111,536.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4312s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 | EC=-1.16mS/cm | MFC=547mV | Temp=23.1C
DATA,4312,7.523,1.2523,1554,-1.158,547.2,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

4314s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.16mS/cm | MFC=603mV | Temp=23.1C
DATA,4314,7.491,1.2571,1560,-1.158,602.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4316s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.22mS/cm | MFC=579mV | Temp=23.1C
DATA,4316,7.480,1.2588,1562,-1.222,578.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4318s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.22mS/cm | MFC=579mV | Temp=23.1C
DATA,4318,7.480,1.2588,1562,-1.217,579.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4320s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.21mS/cm | MFC=550mV | Temp=23.1C
DATA,4320,7.464,1.2612,1565,-1.211,550.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153

Learned pH/mL: urine=+0.07769 wine=-0.00100
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 72
==

4324s | pH=7.31 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2837 ADC=1593 |
EC=-1.11mS/cm | MFC=77mV | Temp=23.2C
DATA,4324,7.311,1.2837,1593,-1.111,76.6,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4326s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.22mS/cm | MFC=69mV | Temp=23.1C
DATA,4326,7.415,1.2684,1574,-1.217,69.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4328s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-0.95mS/cm | MFC=81mV | Temp=23.1C
DATA,4328,7.398,1.2708,1577,-0.954,81.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000
4330s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-0.92mS/cm | MFC=70mV | Temp=23.2C
DATA,4330,7.415,1.2684,1574,-0.924,70.1,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4332s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.35mS/cm | MFC=77mV | Temp=23.1C
DATA,4332,7.420,1.2676,1573,-1.351,76.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4334s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.32mS/cm | MFC=48mV | Temp=23.2C
DATA,4334,7.469,1.2604,1564,-1.322,47.5,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4336s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.32mS/cm | MFC=44mV | Temp=23.1C
DATA,4336,7.453,1.2628,1567,-1.316,44.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4338s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.25mS/cm | MFC=30mV | Temp=23.1C
DATA,4338,7.453,1.2628,1567,-1.252,29.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4340s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.35mS/cm | MFC=38mV | Temp=23.1C
DATA,4340,7.475,1.2596,1563,-1.345,37.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4342s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=44mV | Temp=23.1C
DATA,4342,7.458,1.2620,1566,-1.298,44.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4344s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.30mS/cm | MFC=51mV | Temp=23.2C
DATA,4344,7.458,1.2620,1566,-1.298,50.8,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4346s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 |
EC=-1.31mS/cm | MFC=114mV | Temp=23.2C

DATA,4346,7.469,1.2604,1564,-1.310,114.4,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4348s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 | EC=-1.32mS/cm | MFC=149mV | Temp=23.1C
DATA,4348,7.513,1.2539,1556,-1.322,149.1,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

4350s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2579 ADC=1561 | EC=-1.32mS/cm | MFC=205mV | Temp=23.1C
DATA,4350,7.485,1.2579,1561,-1.316,205.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4352s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.32mS/cm | MFC=250mV | Temp=23.1C
DATA,4352,7.447,1.2636,1568,-1.322,249.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4354s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.36mS/cm | MFC=328mV | Temp=23.2C
DATA,4354,7.453,1.2628,1567,-1.357,328.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4356s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.30mS/cm | MFC=502mV | Temp=23.2C
DATA,4356,7.464,1.2612,1565,-1.298,502.1,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4358s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=474mV | Temp=23.1C
DATA,4358,7.453,1.2628,1567,-1.304,473.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4360s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 | EC=-1.35mS/cm | MFC=567mV | Temp=23.1C
DATA,4360,7.491,1.2571,1560,-1.345,566.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4362s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.33mS/cm | MFC=609mV | Temp=23.1C
DATA,4362,7.447,1.2636,1568,-1.328,609.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4364s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 | EC=-1.30mS/cm | MFC=642mV | Temp=23.2C
DATA,4364,7.436,1.2652,1570,-1.298,642.3,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4366s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.30mS/cm | MFC=713mV | Temp=23.1C
DATA,4366,7.447,1.2636,1568,-1.298,713.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4368s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.35mS/cm | MFC=694mV | Temp=23.1C

DATA,4368,7.507,1.2547,1557,-1.345,693.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

4370s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2604 ADC=1564 | EC=-1.14mS/cm | MFC=728mV | Temp=23.1C
DATA,4370,7.469,1.2604,1564,-1.141,727.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4372s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 | EC=-1.30mS/cm | MFC=747mV | Temp=23.1C
DATA,4372,7.496,1.2563,1559,-1.298,747.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4374s | pH=7.48 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2588 ADC=1562 | EC=-1.30mS/cm | MFC=786mV | Temp=23.1C
DATA,4374,7.480,1.2588,1562,-1.304,785.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4376s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 | EC=-1.30mS/cm | MFC=847mV | Temp=23.1C
DATA,4376,7.507,1.2547,1557,-1.298,847.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000

4378s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 | EC=-1.20mS/cm | MFC=844mV | Temp=23.2C
DATA,4378,7.464,1.2612,1565,-1.205,843.7,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4380s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=886mV | Temp=23.1C
DATA,4380,7.453,1.2628,1567,-1.345,886.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

==
======= TANK 1 DOSING CYCLE ===========
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.05476 wine=-0.02393
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 73
==

4384s | pH=7.27 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2894 ADC=1600 | EC=-1.18mS/cm | MFC=1125mV | Temp=23.1C

DATA,4384,7.273,1.2894,1600,-1.176,1125.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4386s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.32mS/cm | MFC=1155mV | Temp=23.2C
DATA,4386,7.415,1.2684,1574,-1.322,1154.8,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4388s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.32mS/cm | MFC=1210mV | Temp=23.1C
DATA,4388,7.388,1.2725,1579,-1.316,1210.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4390s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 | EC=-1.25mS/cm | MFC=1233mV | Temp=23.2C
DATA,4390,7.388,1.2725,1579,-1.252,1233.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4392s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 | EC=-1.30mS/cm | MFC=1210mV | Temp=23.2C
DATA,4392,7.398,1.2708,1577,-1.304,1209.6,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4394s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.32mS/cm | MFC=1165mV | Temp=23.1C
DATA,4394,7.393,1.2716,1578,-1.322,1165.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4396s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 | EC=-1.35mS/cm | MFC=862mV | Temp=23.1C
DATA,4396,7.415,1.2684,1574,-1.345,862.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4398s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.33mS/cm | MFC=532mV | Temp=23.1C
DATA,4398,7.393,1.2716,1578,-1.328,531.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4400s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.33mS/cm | MFC=399mV | Temp=23.2C
DATA,4400,7.393,1.2716,1578,-1.333,398.9,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4402s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2716 ADC=1578 | EC=-1.30mS/cm | MFC=288mV | Temp=23.1C
DATA,4402,7.393,1.2716,1578,-1.298,288.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4404s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 | EC=-1.35mS/cm | MFC=138mV | Temp=23.1C
DATA,4404,7.404,1.2700,1576,-1.351,137.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4406s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.30mS/cm | MFC=31mV | Temp=23.1C

DATA,4406,7.453,1.2628,1567,-1.298,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4408s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.35mS/cm | MFC=46mV | Temp=23.1C
DATA,4408,7.442,1.2644,1569,-1.345,45.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4410s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 |
EC=-1.49mS/cm | MFC=51mV | Temp=23.2C
DATA,4410,7.442,1.2644,1569,-1.485,50.8,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4412s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2620 ADC=1566 |
EC=-1.39mS/cm | MFC=328mV | Temp=23.1C
DATA,4412,7.458,1.2620,1566,-1.392,328.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4414s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.30mS/cm | MFC=656mV | Temp=23.1C
DATA,4414,7.431,1.2660,1571,-1.304,656.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4416s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.04mS/cm | MFC=782mV | Temp=23.1C
DATA,4416,7.426,1.2668,1572,-1.041,782.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4418s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.06mS/cm | MFC=884mV | Temp=23.1C
DATA,4418,7.431,1.2660,1571,-1.065,884.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4420s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 |
EC=-1.35mS/cm | MFC=1079mV | Temp=23.1C
DATA,4420,7.447,1.2636,1568,-1.345,1079.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4422s | pH=7.46 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2612 ADC=1565 |
EC=-1.30mS/cm | MFC=1179mV | Temp=23.1C
DATA,4422,7.464,1.2612,1565,-1.298,1179.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4424s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.58mS/cm | MFC=1218mV | Temp=23.1C
DATA,4424,7.507,1.2547,1557,-1.579,1217.7,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,0.0000
4426s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.30mS/cm | MFC=1131mV | Temp=23.1C
DATA,4426,7.496,1.2563,1559,-1.298,1131.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4428s | pH=7.49 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2571 ADC=1560 |
EC=-1.33mS/cm | MFC=602mV | Temp=23.1C
DATA,4428,7.491,1.2571,1560,-1.328,602.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4430s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2539 ADC=1556 |
EC=-1.30mS/cm | MFC=444mV | Temp=23.1C
DATA,4430,7.513,1.2539,1556,-1.304,444.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
4432s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 |
EC=-1.30mS/cm | MFC=244mV | Temp=23.1C
DATA,4432,7.523,1.2523,1554,-1.298,244.2,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
4434s | pH=7.51 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2547 ADC=1557 |
EC=-1.32mS/cm | MFC=82mV | Temp=23.1C
DATA,4434,7.507,1.2547,1557,-1.322,82.2,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
4436s | pH=7.50 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2563 ADC=1559 |
EC=-1.39mS/cm | MFC=88mV | Temp=23.1C
DATA,4436,7.496,1.2563,1559,-1.392,87.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4438s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2523 ADC=1554 |
EC=-1.32mS/cm | MFC=22mV | Temp=23.1C
DATA,4438,7.523,1.2523,1554,-1.316,21.8,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
4440s | pH=7.52 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2531 ADC=1555 |
EC=-1.06mS/cm | MFC=241mV | Temp=23.1C
DATA,4440,7.518,1.2531,1555,-1.065,241.0,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000

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========================================
======= TANK 1 DOSING CYCLE ============
========================================
Mode: RECOVER_HIGH(wine) | HRT=3.0 hr | emergency=YES
Doses (mL): urine=0.0000 wine=4.8611 spir=0.0000 total=4.8611
Learned pH/mL: urine=+0.06606 wine=-0.01263
--- TANK 1 DOSING ---
  SKIP URINE (D7): 0.000 mL
  RUN WINE  (D2): 4.861 mL (6659 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 74
========================================
```

4449s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2781 ADC=1586 |
EC=-1.30mS/cm | MFC=309mV | Temp=23.1C
DATA,4449,7.349,1.2781,1586,-1.298,308.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4451s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.37mS/cm | MFC=204mV | Temp=23.1C

DATA,4451,7.502,1.2555,1558,-1.374,203.9,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611
,0.0000
4453s | pH=7.50 (RECOVER_HIGH(wine)) | HRT=3.0 [EMERGENCY] | V=1.2555 ADC=1558 |
EC=-1.49mS/cm | MFC=93mV | Temp=23.1C
DATA,4453,7.502,1.2555,1558,-1.485,93.5,23.12,RECOVER_HIGH(wine),3.0,1,0.0000,4.8611,
0.0000
4455s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.37mS/cm | MFC=51mV | Temp=23.1C
DATA,4455,7.426,1.2668,1572,-1.369,50.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4457s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.32mS/cm | MFC=25mV | Temp=23.1C
DATA,4457,7.420,1.2676,1573,-1.322,25.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4459s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.32mS/cm | MFC=226mV | Temp=23.1C
DATA,4459,7.415,1.2684,1574,-1.316,226.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4461s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.30mS/cm | MFC=605mV | Temp=23.1C
DATA,4461,7.409,1.2692,1575,-1.298,605.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4463s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.31mS/cm | MFC=795mV | Temp=23.1C
DATA,4463,7.409,1.2692,1575,-1.310,795.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4465s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.16mS/cm | MFC=848mV | Temp=23.1C
DATA,4465,7.415,1.2684,1574,-1.158,847.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4467s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.22mS/cm | MFC=956mV | Temp=23.1C
DATA,4467,7.420,1.2676,1573,-1.217,955.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4469s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.39mS/cm | MFC=1123mV | Temp=23.2C
DATA,4469,7.436,1.2652,1570,-1.392,1123.4,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4471s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.31mS/cm | MFC=1166mV | Temp=23.2C
DATA,4471,7.409,1.2692,1575,-1.310,1166.1,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4473s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.32mS/cm | MFC=1237mV | Temp=23.1C
DATA,4473,7.404,1.2700,1576,-1.322,1237.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00

4475s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.37mS/cm | MFC=1260mV | Temp=23.1C
DATA,4475,7.409,1.2692,1575,-1.369,1259.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4477s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.23mS/cm | MFC=1177mV | Temp=23.1C
DATA,4477,7.409,1.2692,1575,-1.228,1176.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4479s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2700 ADC=1576 |
EC=-1.35mS/cm | MFC=1024mV | Temp=23.1C
DATA,4479,7.404,1.2700,1576,-1.345,1024.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4481s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.30mS/cm | MFC=704mV | Temp=23.1C
DATA,4481,7.431,1.2660,1571,-1.304,704.3,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4483s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.35mS/cm | MFC=502mV | Temp=23.1C
DATA,4483,7.431,1.2660,1571,-1.345,502.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4485s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.32mS/cm | MFC=412mV | Temp=23.1C
DATA,4485,7.436,1.2652,1570,-1.322,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4487s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.30mS/cm | MFC=345mV | Temp=23.1C
DATA,4487,7.420,1.2676,1573,-1.298,344.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4489s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.35mS/cm | MFC=255mV | Temp=23.1C
DATA,4489,7.388,1.2725,1579,-1.345,254.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4491s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.32mS/cm | MFC=186mV | Temp=23.1C
DATA,4491,7.420,1.2676,1573,-1.316,186.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4493s | pH=7.47 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2596 ADC=1563 |
EC=-1.30mS/cm | MFC=102mV | Temp=23.1C
DATA,4493,7.475,1.2596,1563,-1.304,101.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4495s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 |
EC=-1.49mS/cm | MFC=133mV | Temp=23.2C
DATA,4495,7.431,1.2660,1571,-1.491,133.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0

4497s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2652 ADC=1570 |
EC=-1.11mS/cm | MFC=51mV | Temp=23.2C
DATA,4497,7.436,1.2652,1570,-1.111,50.8,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4499s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.35mS/cm | MFC=31mV | Temp=23.1C
DATA,4499,7.426,1.2668,1572,-1.345,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4501s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.30mS/cm | MFC=41mV | Temp=23.1C
DATA,4501,7.409,1.2692,1575,-1.298,41.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

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======= TANK 1 DOSING CYCLE ============
==
Mode: NORMAL(40/60) | HRT=12.0 hr | emergency=NO
Doses (mL): urine=0.4861 wine=0.7292 spir=0.0000 total=1.2153
Learned pH/mL: urine=+0.06606 wine=-0.01429
--- TANK 1 DOSING ---
  RUN URINE (D7): 0.486 mL (733 ms)
  RUN WINE (D2): 0.729 mL (998 ms)
  SKIP SPIR+Fe (D4): 0.000 mL
--- DONE ---
Dose count: 75
==

4504s | pH=7.15 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.3079 ADC=1623 |
EC=-1.25mS/cm | MFC=412mV | Temp=23.1C
DATA,4504,7.148,1.3079,1623,-1.252,411.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4506s | pH=7.33 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2813 ADC=1590 |
EC=-1.35mS/cm | MFC=357mV | Temp=23.2C
DATA,4506,7.328,1.2813,1590,-1.345,357.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4508s | pH=7.35 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2773 ADC=1585 |
EC=-1.30mS/cm | MFC=293mV | Temp=23.1C
DATA,4508,7.355,1.2773,1585,-1.304,292.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4510s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.35mS/cm | MFC=185mV | Temp=23.1C
DATA,4510,7.371,1.2749,1582,-1.345,184.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4512s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2749 ADC=1582 |
EC=-1.11mS/cm | MFC=89mV | Temp=23.1C
DATA,4512,7.371,1.2749,1582,-1.111,89.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.1000

4514s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.49mS/cm | MFC=77mV | Temp=23.1C
DATA,4514,7.426,1.2668,1572,-1.485,76.6,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4516s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.35mS/cm | MFC=31mV | Temp=23.1C
DATA,4516,7.420,1.2676,1573,-1.345,31.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4518s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.11mS/cm | MFC=38mV | Temp=23.2C
DATA,4518,7.426,1.2668,1572,-1.111,37.9,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000
4520s | pH=7.39 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2725 ADC=1579 |
EC=-1.13mS/cm | MFC=176mV | Temp=23.2C
DATA,4520,7.388,1.2725,1579,-1.135,175.7,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4522s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.35mS/cm | MFC=444mV | Temp=23.1C
DATA,4522,7.409,1.2692,1575,-1.345,444.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4524s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2692 ADC=1575 |
EC=-1.30mS/cm | MFC=657mV | Temp=23.1C
DATA,4524,7.409,1.2692,1575,-1.298,656.8,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4526s | pH=7.40 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2708 ADC=1577 |
EC=-1.35mS/cm | MFC=743mV | Temp=23.1C
DATA,4526,7.398,1.2708,1577,-1.351,743.0,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.100
0
4528s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 |
EC=-1.35mS/cm | MFC=821mV | Temp=23.1C
DATA,4528,7.420,1.2676,1573,-1.345,821.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4530s | pH=7.41 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2684 ADC=1574 |
EC=-1.30mS/cm | MFC=904mV | Temp=23.1C
DATA,4530,7.415,1.2684,1574,-1.298,904.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.000
0
4532s | pH=7.37 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2757 ADC=1583 |
EC=-1.35mS/cm | MFC=1031mV | Temp=23.1C
DATA,4532,7.366,1.2757,1583,-1.345,1030.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.10
00
4534s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 |
EC=-1.22mS/cm | MFC=1118mV | Temp=23.1C
DATA,4534,7.453,1.2628,1567,-1.222,1117.7,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.00
00
4536s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2668 ADC=1572 |
EC=-1.16mS/cm | MFC=1172mV | Temp=23.2C

DATA,4536,7.426,1.2668,1572,-1.158,1171.7,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4538s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.30mS/cm | MFC=1225mV | Temp=23.1C
DATA,4538,7.431,1.2660,1571,-1.298,1224.9,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4540s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.35mS/cm | MFC=1237mV | Temp=23.2C
DATA,4540,7.453,1.2628,1567,-1.351,1237.0,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4542s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.35mS/cm | MFC=1220mV | Temp=23.1C
DATA,4542,7.442,1.2644,1569,-1.345,1220.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4544s | pH=7.42 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2676 ADC=1573 | EC=-1.30mS/cm | MFC=1156mV | Temp=23.1C
DATA,4544,7.420,1.2676,1573,-1.298,1156.4,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4546s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.30mS/cm | MFC=1004mV | Temp=23.1C
DATA,4546,7.442,1.2644,1569,-1.298,1004.1,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4548s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2628 ADC=1567 | EC=-1.33mS/cm | MFC=721mV | Temp=23.1C
DATA,4548,7.453,1.2628,1567,-1.328,721.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4550s | pH=7.43 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2660 ADC=1571 | EC=-1.23mS/cm | MFC=572mV | Temp=23.1C
DATA,4550,7.431,1.2660,1571,-1.228,572.2,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4552s | pH=7.44 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2644 ADC=1569 | EC=-1.22mS/cm | MFC=479mV | Temp=23.1C
DATA,4552,7.442,1.2644,1569,-1.217,479.5,23.12,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000

4554s | pH=7.45 (NORMAL(40/60)) | HRT=12.0 [BASE] | V=1.2636 ADC=1568 | EC=-1.32mS/cm | MFC=438mV | Temp=23.2C
DATA,4554,7.447,1.2636,1568,-1.322,437.6,23.19,NORMAL(40/60),12.0,0,0.4861,0.7292,0.0000