Data Entry – Spring 2021 Pump Data Changes

Riverdale Water Department Data Entry

2018-08-20

| |< | < | **New Date** | > | >| |

Page Options ▼

Page

02) Filter Page 1

Print Page

Data Entry Page Setup

Time fields added to Pump Data Entry Groups

Time Scroll buttons added to all groups (incl. Water Quality) with Time fields

Data Collector

Select a Data Collector

Analyst

Select an Analyst

Pump Data WTP - Filter 1	Pump Data WTP - Filter 2	Pump Data WTP - Filter 3	Pump Data WTP - Filter 4	Pump Data WTP - Filter 5
Time: 00:00	Time: 00:00	Time: 00:00	Time: 00:00	Time: 00:00
< Edit Add >	< Edit Add >	< Edit Add >	< Edit Add >	< Edit Add >
Totalizer/Pumpage: 4333447	Totalizer/Pumpage: 4173986	Totalizer/Pumpage: 4370193	Totalizer/Pumpage: 4428028	Totalizer/Pumpage: 4426180
GPM:	GPM:	GPM:	GPM:	GPM:

Pump Data WTP - Total Filter	Pump Data WTP - FilterToWaste	No Data Type Selected	No Data Type Selected	No Data Type Selected
Time: 00:00	Time: 12:00 AM			
< Edit Add >				
Totalizer/Pumpage: 0	Totalizer/Pumpage:			
	Adjusted Flow:			

No Data Type Selected	No Data Type Selected	No Data Type Selected	No Data Type Selected	No Data Type Selected

- Time fields have been added to pump data entry groups similarly to water quality data entry groups.
- The time displayed after clicking <New Date> will always be the default time.
- The time and values displayed when the page loads will always be at the time closest to the default time.
- There can be as many times entered as there are minutes in the day. However, during a SCADA upload, times and values are serialized down to 15 minutes as this gives a more accurate representation of the data at any given point during the day.
- The values entered are considered "raw data". The values used for reports are calculated functions (average, min, max, etc…) of all the values entered for any location over the course of one day.
- The GPM values are used in calculated functions to determine if a calculated value is static or dynamic (e.g., Well Level).
- Static Well Level can no longer be entered into a field. Static Well Level is calculated as an average of all the well level data over the course of a day where the GPM is 0 or below the minimum flow rate.
- If you are entering data only once per day, have a positive GPM, and wish to have a Static Well Level value, you must create a second well level entry at a new time with the GPM set to 0 or below the minimum flow rate.

Facility Data – Spring 2021 Pump Data Changes

"Raw data" is entered for any desired time

Riverdale Water Department Pump and Flow Data
2018-08-19

| \|< | < | New Record | ▲▼ | > | >\| |

Pump and Flow Daily Records

Time:	00:00
Totalizer/Total Flow (Previous Day):	4331388
Totalizer/Total Flow:	4332537
Adjusted Flow (Gallons):	0
Total Flow (Gallons):	910000
Total Flow (MG):	0.91
GPM:	652
PSI:	
Well Level:	
Totalizer/Hours (Previous Day):	
Totalizer/Hours (Calculated):	
Totalizer/Hours:	
Adjusted Hours:	0
Hours of Operation:	0

Electrical Data ▲
Pressure Data ▲
Daily Values ▲

Comments:

Data Collector: Select a Data Collector

Pump and Flow Default Values
(Read Only)

Facility:	Riverdale Water Treatment Facility
Location:	WTP – Filter 1
Defaults Since:	01/01/2009
Combined Data:	☐
Multiplier:	1000
Maximum Capacity (MGD):	3
Calculate Flow Using:	Totalizer
Calculate Hours Using:	Daily Total

Calculated values can be viewed by clicking <Daily Values>

Daily Values ▼

Totalizer/Total Flow (Calculated):	4332537
GPM (Dynamic Avg):	652
GPM (Avg):	652
GPM Min:	652
GPM Min Time:	12:00 AM
GPM Max:	652
GPM Max Time:	.
PSI (Dynamic Avg):	
PSI (Static Avg):	
Well Level Dynamic Avg:	
Well Level Dynamic Min:	
Well Level Dyamic Min Time:	
Well Level Dynamic Max:	
Well Level Dynamic Max Time:	.
Well Level Static Avg:	
Well Level Static Min:	
Well Level Static Min Time:	
Well Level Static Max:	
Well Level Static Max Time:	
Amperes (Dynamic Avg):	
Hertz (Dynamic Avg):	
Suction PSI/Vacuum (Dynamic Avg):	
Suction PSI/Vacuum (Static Avg):	
TMP (Dynamic Avg):	
TMP (Static Avg):	

There is a large group of calculated values available, derived from the entered data. The values used most often for reports will be those that are Dynamic Averages. Each calculated value is included in the Pump Data 1 Day export report.