

Converting excel Storet File to D2M friendly Format

Using Excel File we created in the Storet exercise take the following steps to make it easier to input the data into D2M

- 1) first sort all station IDs Determine the relevant stations for your watershed. In this case, we chose: BPJ-03, BPK-07, RBD-1, RBD-2, RBD-5 Delete the rest of the rows.
- 2) Sort by Characteristic Name and Sample Fraction. Determine the relevant characteristic names for your watershed. In this case, we chose “chloride”, “Nitrogen, ammonia (NH3) as NH3”, “Nitrogen, Kjeldahl”, “pH”, “Phosphorus as P (both Total and Dissolved)”, “Solids Total suspended”, “Solids, Volatile”, and “temperature”. Delete the rest of the rows.
- 3) Create a copy of this worksheet and delete everything but the Station ID and the lat longs

	A	B	C	D
1	Station ID	Station Lat	Station Longitude	
2	BPJ-03	40.08274	-87.7809	
3	BPK-07	40.13684	-87.7457	
4	RBD-1	40.15612	-87.6514	
5	RBD-2	40.17334	-87.6417	
6	RBD-5	40.19266	-87.6475	
7	RBD-T1	40.1568	-87.6521	
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- 4) Next delete all columns except Column B, L, S, T W and X labeled “Station ID”, “Activity Start”, “Characteristic Name”, “Sample Fraction”, “Result Value as Text”, and “Units” .
- 5) Save file as a new file with a different title. In this Case we named it Salt fork D2M ready.
- 6) NON-DETECTS: Since there detection limits are not included in the data set, we chose to replace non-detects with the value 0. (We used find and replace). Note: this will affect the summary statistics.
- 7) UNITS: Check that they are consistent for a given parameter. If not, you will need to do conversions, or choose to omit data.
- 8) DATES: If you don’t want to see time, format the Date column.
- 9) SAMPLE FRACTION: Combine Characteristic Name and Sample Fraction, when necessary (i.e., “Phosphorus as P” and “Total” = “Phosphorus as P, total”). Delete Sample Fraction column.
- 10) Create PIVOT TABLE
 - a. Select data, including headings
 - b. Go to Data > PivotTable and PivotChart Report . . .
 - c. In the Chart Wizard, leave defaults for Step 1 and click Next.
 - d. Leave default for Step 2 and click Next.
 - e. In Step 3, click on Layout button.
 - i. Drag Station ID and Activity Start fields to ROW area.

- ii. Drag Characteristic Name to COLUMN area.
 - iii. Drag Result Value as Text to DATA area.
 - iv. Click OK
 - f. Still in Step 3, click on Option button.
 - i. Deselect Grand Totals for Columns and Grand Totals for Rows checkboxes.
 - g. Click Finish
- 11) This will open a pivot table in a new worksheet. Right-click in a cell that shows “TOTAL” for a specific site and select Field Settings.

Station	Activity Start	Chloride	Nitrog
G-11	9/21/05	150	
	11/3/05	160	
G-11	Total	160	
G-22	8/2	260	
	9/1	180	
	10/2	180	
G-22	Total	260	
GG-22	9/1	280	
	11/	280	
GG-22	Total	280	
GI-02	9/2	66	
	11/	110	
GI-02	Total	110	
RGZZ-1	3/2		
	4/2		
	5/		
RGZZ-1	Total		
RGZZ-2	3/2		
	4/2		
	5/		

12) Select “None” for Subtotals.

PivotTable Field

Name:

Subtotals

Automatic
 Custom
 None

Sum
 Count
 Average
 Max
 Min
 Product

Show items with no data

OK
 Cancel
 Hide
 Advanced...
 Layout...

13) Select and copy data set into a new worksheet.

- 14) Fill in blank Station IDs with correct ID name.
- 15) Cut and paste Activity Start date column before Site ID column.
- 16) Insert 3 blanks after the Site ID. This should make your first parameter column appear as column F.
- 17) This data is now ready to be pasted into your D2M template. Follow the D2M user guide.

NOTE: When pasting lat/longs into Admin_Maps tab in D2M from Storet, make sure that the lat/long column order is not transposed.