

DEPSIM for STORET 2.0

User Instructions:

The DEPSIM module allows users to edit Value Qualifiers, Result Comments, Prep Dates, Prep Times, and export the data for upload to DEP. DEPSIM no longer requires you to load the same text file twice. Data will be loaded into the STORET1 and STORET2 schemas of the STORET database in one pass. Before you can edit data in TSRXELMS, logically you will need to load data into TSRXELMS. Accomplish this via EPA SIM or through an Oracle import of a .dmp file. When loading data be certain that your EPA SIM import configuration contains the extra column headers for the prep date, prep time and value qualifiers. Once you have loaded data through EPA SIM without errors and migrated to STORET, you are ready to make any necessary edits.

1. Open the DEPSIM20 Edit screen by double clicking on the DEPSIM Icon:



2. The Edit VQ, and Prep Date/time Screen will open:

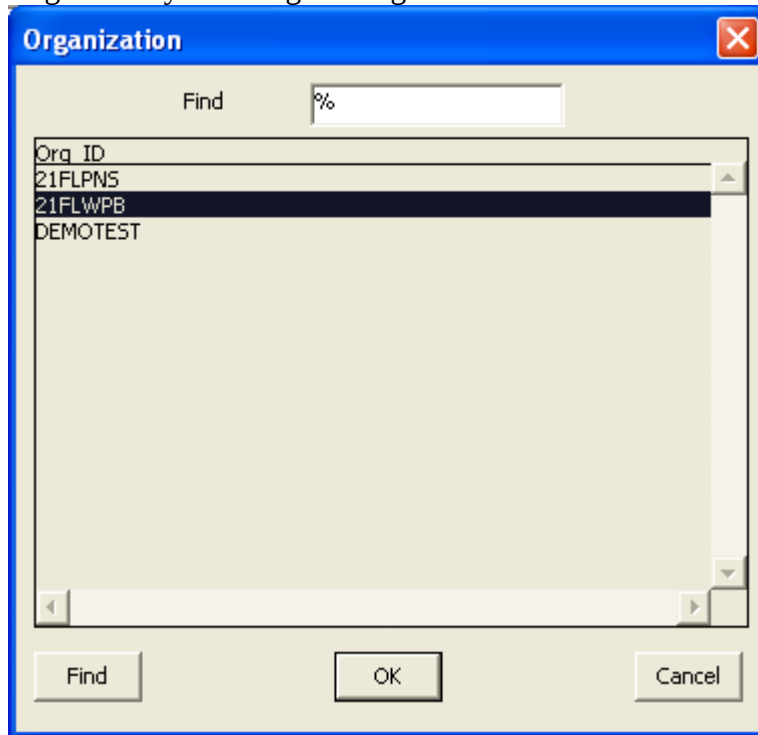
[illegible]

If you have any question please contact your STORET Coordinator.

<http://www.dep.state.fl.us/water/storet/contacts.htm>

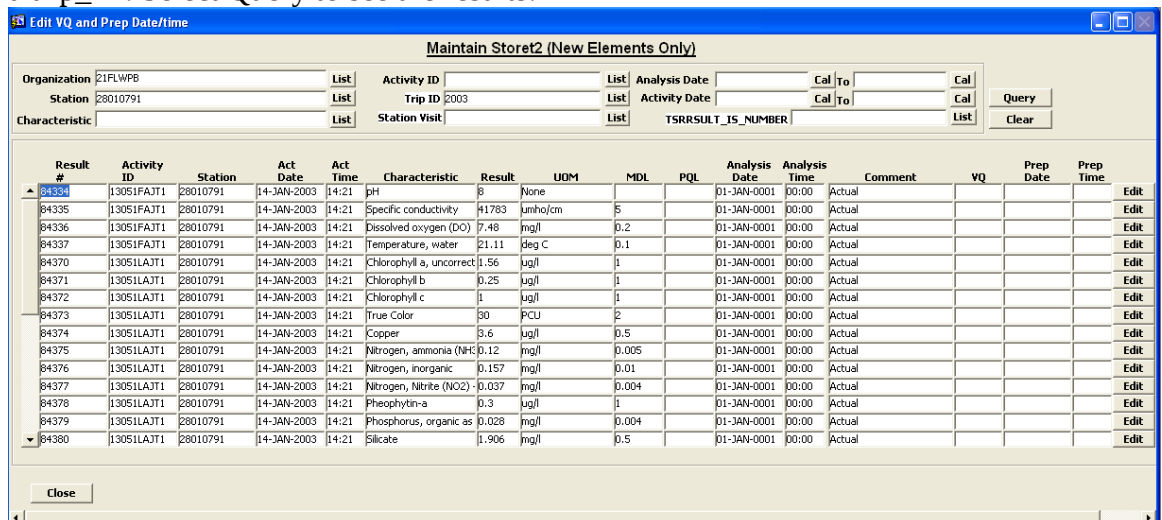
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- The first step towards editing your data is retrieving the data you wish to edit. Begin this by selecting the Organization:



The 'Organization' dialog box features a search bar at the top with the text 'Find' and a placeholder '%'. Below the search bar is a list box containing three entries: '21FLPNS', '21FLWPB' (which is highlighted), and 'DEMOTEST'. At the bottom of the dialog are three buttons: 'Find', 'OK', and 'Cancel'.

- Now select Query to return all of the results for this Organization or choose an additional field to filter your results. The example below used the Station_ID and a trip_ID. Select Query to see the results:



The 'Maintain Storet2 (New Elements Only)' window displays a data entry form. At the top, there are fields for 'Organization' (set to '21FLWPB'), 'Station' (set to '28010791'), 'Activity ID', 'Trip ID' (set to '2003'), 'Analysis Date', and 'Activity Date'. Below these are fields for 'Characteristic', 'Station Visit', and 'TSRRSULT_IS_NUMBER'. A 'Query' button is located to the right of the date fields. The main part of the window is a table with the following columns: Result #, Activity ID, Station, Act Date, Act Time, Characteristic, Result, UOM, MDL, PQL, Analysis Date, Analysis Time, Comment, VQ, Prep Date, and Prep Time. The table contains 18 rows of data, with the last row (84380) selected. A 'Close' button is at the bottom left.

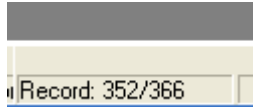
Result #	Activity ID	Station	Act Date	Act Time	Characteristic	Result	UOM	MDL	PQL	Analysis Date	Analysis Time	Comment	VQ	Prep Date	Prep Time
84334	13051FAJT1	28010791	14-JAN-2003	14:21	pH	8	None			01-JAN-0001	00:00	Actual			Edit
84335	13051FAJT1	28010791	14-JAN-2003	14:21	Specific conductivity	41783	umho/cm	5		01-JAN-0001	00:00	Actual			Edit
84336	13051FAJT1	28010791	14-JAN-2003	14:21	Dissolved oxygen (DO)	7.48	mg/l	0.2		01-JAN-0001	00:00	Actual			Edit
84337	13051FAJT1	28010791	14-JAN-2003	14:21	Temperature, water	21.11	deg C	0.1		01-JAN-0001	00:00	Actual			Edit
84370	13051LAJT1	28010791	14-JAN-2003	14:21	Chlorophyll a, uncorrect	1.56	ug/l	1		01-JAN-0001	00:00	Actual			Edit
84371	13051LAJT1	28010791	14-JAN-2003	14:21	Chlorophyll b	0.25	ug/l	1		01-JAN-0001	00:00	Actual			Edit
84372	13051LAJT1	28010791	14-JAN-2003	14:21	Chlorophyll c	1	ug/l	1		01-JAN-0001	00:00	Actual			Edit
84373	13051LAJT1	28010791	14-JAN-2003	14:21	True Color	30	PCU	2		01-JAN-0001	00:00	Actual			Edit
84374	13051LAJT1	28010791	14-JAN-2003	14:21	Copper	3.6	ug/l	0.5		01-JAN-0001	00:00	Actual			Edit
84375	13051LAJT1	28010791	14-JAN-2003	14:21	Nitrogen, ammonia (NH)	0.12	mg/l	0.005		01-JAN-0001	00:00	Actual			Edit
84376	13051LAJT1	28010791	14-JAN-2003	14:21	Nitrogen, inorganic	0.157	mg/l	0.01		01-JAN-0001	00:00	Actual			Edit
84377	13051LAJT1	28010791	14-JAN-2003	14:21	Nitrogen, Nitrite (NO2)	0.037	mg/l	0.004		01-JAN-0001	00:00	Actual			Edit
84378	13051LAJT1	28010791	14-JAN-2003	14:21	Phosphorytin-a	0.3	ug/l	1		01-JAN-0001	00:00	Actual			Edit
84379	13051LAJT1	28010791	14-JAN-2003	14:21	Phosphorus, organic as	0.028	mg/l	0.004		01-JAN-0001	00:00	Actual			Edit
84380	13051LAJT1	28010791	14-JAN-2003	14:21	Silicate	1.906	mg/l	0.5		01-JAN-0001	00:00	Actual			Edit

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- a. Note: 366 rows were returned, bottom left-hand corner of your screen:



5. Now select the result you want to edit or choose an additional field(s) to filter your results. The example below used the Station_ID, Trip_ID, and Activity_ID:

Result #	Activity ID	Station	Act Date	Act Time	Characteristic	Result	UOM	MDL	PQL	Analysis Date	Analysis Time	Comment	VQ	Prep Date	Prep Time	Edit
94069	13909FAJT1	28010791	21-DEC-2003	14:12	pH	7.75	None	0.01	0.01	21-DEC-2003	14:12	*Actual CLOUDY, LIGHT RA				Edit
94070	13909FAJT1	28010791	21-DEC-2003	14:12	Specific conductivity	42562	umho/cm	5	5	21-DEC-2003	14:12	*Actual CLOUDY, LIGHT RA				Edit
94071	13909FAJT1	28010791	21-DEC-2003	14:12	Dissolved oxygen (DO)	6.98	mg/l	0.2	0.2	21-DEC-2003	14:12	*Actual CLOUDY, LIGHT RA				Edit
94072	13909FAJT1	28010791	21-DEC-2003	14:12	Temperature, water	18	deg C	0.1	0.3	21-DEC-2003	14:12	*Actual CLOUDY, LIGHT RA				Edit

- a. Note only Four rows returned.

6. Once you have located the result you want to edit, choose the edit button on the far right of that row. This will bring up the edit single record form:

Tsrresult Is Num	Org	Comment	VQ	Prep Date	Prep Time
93910	21FLWPB	Actual			

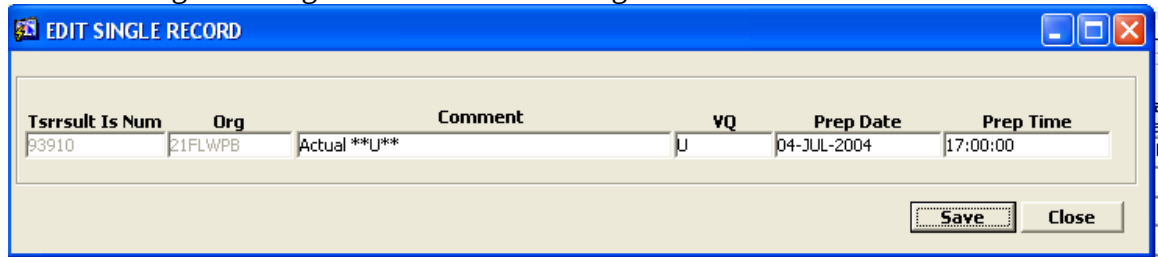
7. At this point, you will be editing the rows directly in the STORET database. You have the options of adding a DEP approved Value Qualifier, adding a preparation date in a DD-MON-YYYY format, adding a prep time in a HH24:MI format,

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and/or editing or adding a comment for this single result.



Tsrrsult Is Num	Org	Comment	VQ	Prep Date	Prep Time
93910	21FLWPB	Actual **U**	U	04-JUL-2004	17:00:00

- a. Click Save to commit your edit.
8. Your edits have been made. Click Close to exit.
9. Click the Query button to refresh the view and see your edits.
10. Repeat for any further results that need editing.

Other notes for DEPSIM editing:

1. If your data requires a qualifier that cannot be translated to a DEP Value Qualifier, please insert a '+' in the VQ field and a detailed description of your qualifier in the Comment field.
2. Use the Calendar function on the edit screen to limit your search by dates. You need both beginning and end dates.
3. Using multiple search fields will not affect what returns within the list boxes for other search fields. Example: You select an Organization, and then a Station_ID, and then select the list box for the Activity_ID. All of Activity_IDs for your selected Organization will be returned, not only the Activity_IDs correlated to your chosen station.
4. If you need to update the VQ, Prep date or time for data that is not loaded into TSRXELM, but is in your STORET, contact your STORET Coordinator. A new row must be inserted into TSRXELM.

Exporting data:

Once you have loaded your data and made any necessary edits you are ready to export your database and send it to DEP to be included in the IWR process.

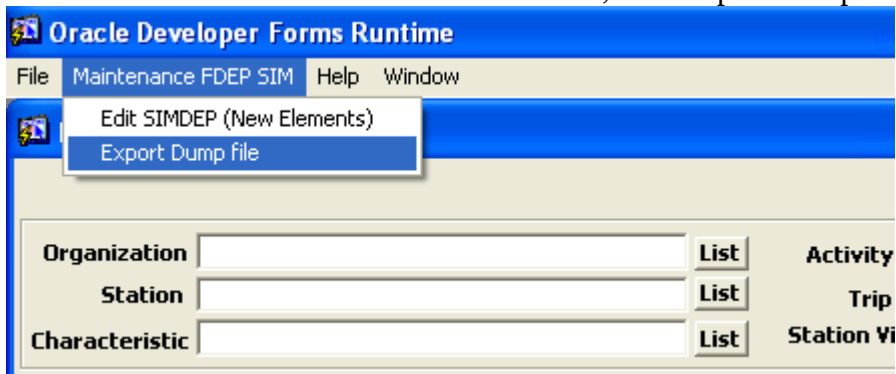
1. Double click the DEPSIM icon.

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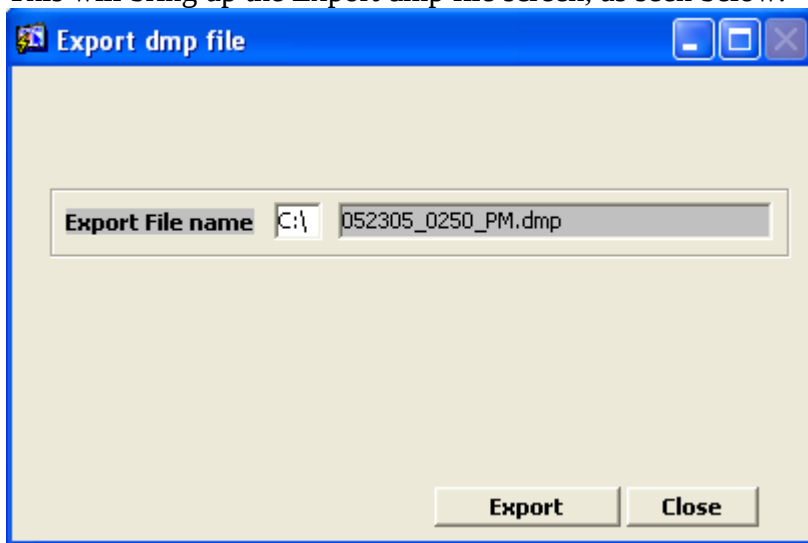
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2. On the menu choose: Maintenance FDEP SIM, then Export Dump file.



3. This will bring up the Export dmp file screen, as seen below.



4. Click export to save your file to the path shown in the dialog box.
5. Zip the file and place it on the DEP STORET ftp site and notify your STORET Coordinator. The DEP ftp site is:
<ftp://ftp.dep.state.fl.us/pub/water/storet/incoming/>

Other notes for DEPSIM exporting:

1. DEP asks that you run Referential Integrity checks and make corrections before sending data to DEP. DEP has created a data checker that has the script built in or you can run a script using SQL+. If you do not have the Data Checker installed, please consult your STORET Coordinator.
2. In addition to the RI Checks, DEP has provided a series of data checks that will help you see possible errors that may result in the exclusion of your data from the

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IWR process. These checks include logical date checks, EAS-01-01 compliance (20 elements – IWR Rule), and other data checks. Contact your STORET Coordinator for more details.

3. Once DEP receives a dump file from you, DEP will load the data into Florida STORET replacing your entire previous dataset.

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