SWQMIS REPORTS

Production SWQMIS:
https://www80.tceq.texas.gov/SwqmisWeb/

Test SWQMIS:
https://www8tst0.tceq.texas.gov/SwqmisWeb/

Water Quality Data Viewer:
https://www80.tceq.texas.gov/SwqmisPublic/index.htm

General
Most reports are available in three formats: HTML (formatted report viewed in Internet Explorer), CSV (Comma Separated Values - opens in Excel), and PIPE delimited (ASCII flat text for importing into other applications). All report outputs can be saved to our own computer. Most reports will print from HTML on letter-size paper although you may have to use landscape setting. Reports are generated using a query builder using And/Or logic.
SWQMIS is a warehouse of data, and it contains a very large amount of data. With the large volume of data comes the need to run reports that more or less break up the data by location (where), what (parameter code, monitoring type code, etc) but not necessarily by date. So before running reports you should put some thought into what you truly need and how it can be queried. Keep your queries simple and a bit broad.

Parameter Inventory Report
Allows you to query any number of water quality parameters and some attributes. This is good for creating reference documents or just viewing parameter attributes like units, or methods. Parameter min/max thresholds are a different story.

Single Parameter Report
A statistical analysis of measurement results for a single parameter at up to 20 stations. The report will display the measurement values, count exceedances of criteria for parameters with numeric criteria (Standards) and provide statistical summaries of the data. There are also several options for marking data by season and month. The data can be easily imported into Excel for graphing. This report was designed when we closely watching the Bosque.

Selective Data Report
Allows retrieval of monitoring data at any number of stations for any number of parameters. The report allows for retrieving data in a 'horizontal' format for easier use in spreadsheets. The report also has a summary function that will provide counts of exceedances (where criteria exist) and basic statistics.

Monitoring Station Inventory Report
Displays any or all attributes of any or all Monitoring Stations. This is useful for simple viewing or creating reference documents.

Raw Data Report
Generates a PIPE delimited text file of data from any number of stations in either the traditional two-file Event/Result format or a one-file combined format (Event data included on every line with the Result info). This report is primarily used for data requests for contractors or cooperators familiar with TCEQ data formats. The file type allows users to import the data into other applications such as Excel, Access, SAS, etc.

Biological Raw Data Report
The system is programmed for this report to search for certain parameters that are indicators of biological monitoring. There is no need to add a biological parameter to the query criterion.

Full Raw Data Extract
This function is no longer available for use.

RFA Status Report
This report should not be used

Sampling History Report
Generates counts of parameters collected at any number of stations during a specified time period. The report bases the counts on certain parameters that are representative of the type of sampling being counted. For instance, the presence of a result for Aluminum in Water might indicate a 'Metals in Water' sampling event. This report is good for tracking monitoring activities through time. It might be useful for checking the completeness of a monitoring effort.

Comparison Information Report
Used to view the various values assigned to each parameter. The best use is for looking up Outlier Thresholds. Select the Criterion for CI Type, and a Parameter Code, with perhaps a geolocation (station, segment, basin, or none).

Upload Tracking Info Report
Used to see the various datasets that have been entered into SWQMIS. Could conceivably be used to check the status of your datasets, but generally only of interest to data managers.