Chapter 15: Queries Explorer

The Queries Explorer provides the ability to create, edit and manage queries. The Queries Explorer filters the queries based on "***Ready for Use***" (thumbs up) or "***Checked Out***" (the ^{CO} in the upper left corner of the query name – see Area/Lmapunit/Mapunit/DMU by Mapunit Name…). Queries from all NASIS sites are readily available.

The addition of the "Favorites" folder provides the user the ability to sift through all NASIS queries and add preferred queries to the users' "Favorites" list. The Favorites folder is not filtered allowing a user to view all queries added to the Favorites folder regardless of the ready for use status.

All NASIS queries are downloaded and stored in the local database during the initialization of the NASIS6 database. The daily practice of refreshing the NASIS database synchronizes the local database with the national database and provides all new queries are available to the user in their local database.

Right click on a query and the menu will appear. The menu allows the user to open the query in the Editor panel.

Ownership rules apply to the Query similar to all NASIS data. The user must be a member of the permissions group in order to Check Out and edit the query. The menu provides the ability to run a query either against the national database, to populate the local database or against the local database to build the selected set. Opening the query into the Editor panel provides the user the ability to read the Query Description and to review the Query SQL. This information can be used by the user to determine the usefulness of the query. The last two options on the menu provide the ability to add or remove a specific query from the personal Favorites list.
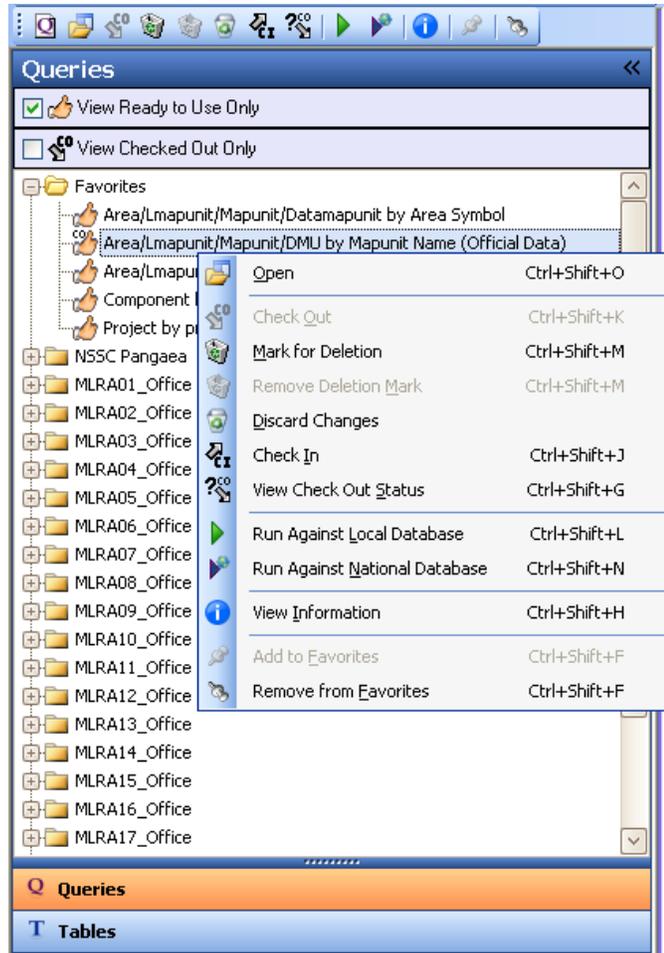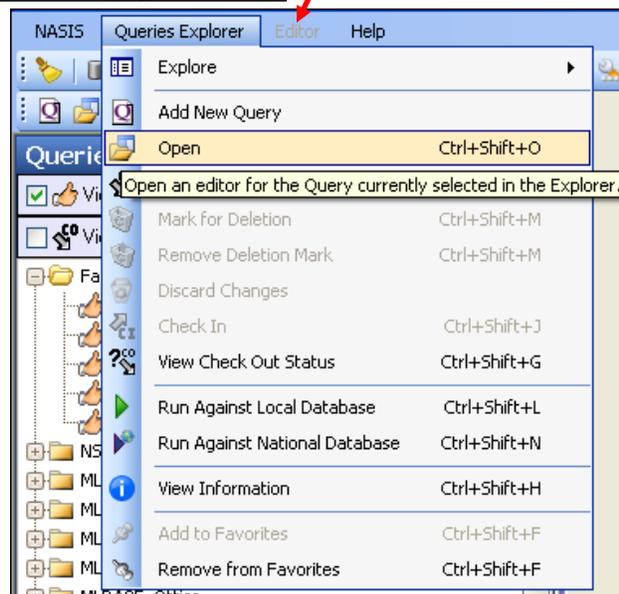
Query Editor Panel

Open a query in the editor panel in order to view or edit the query. This is done by
1. using the "right click" menu, or
2. the Query Explorer menu, or
3. double-click on the query name.
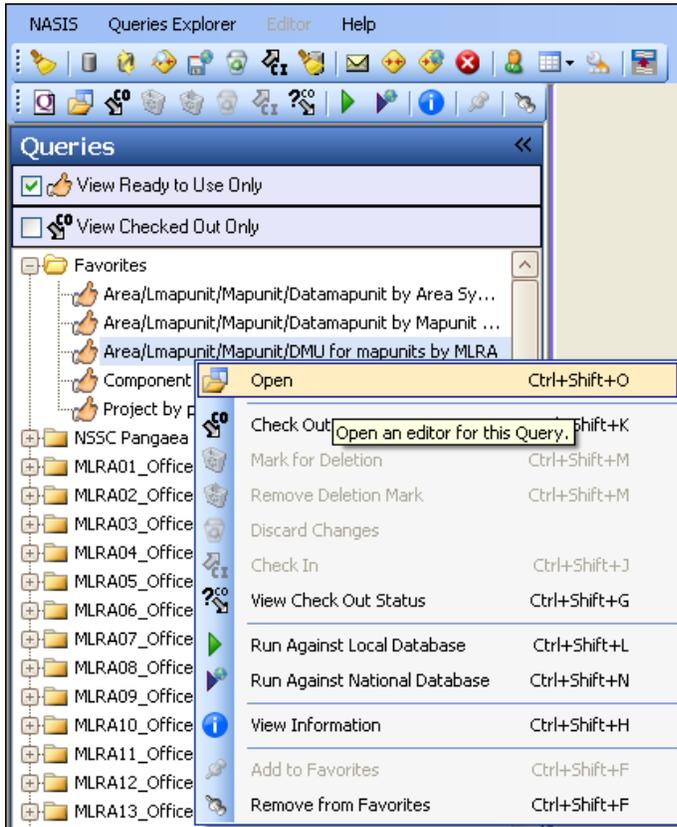
Either menu, right click or Explorer, has options to open the Query in the Editor panel.

Notice the Query Editor menu is dimmed.

As soon as the query appears in the Editor Panel, the Editor Menu becomes "Query Editor" and the Editor Toolbar appears above the query.

The 3 tabs organize the query information. The General tab includes the name, description, Ready to Use status, and the NASIS Site and Group that owns the query. The Query tab contains the Structured Query Language, or SQL. The Text tab provides for documentation on the edits made to the query. The Query Editor menu and the Query Editor Toolbar are available for editing or managing the query.
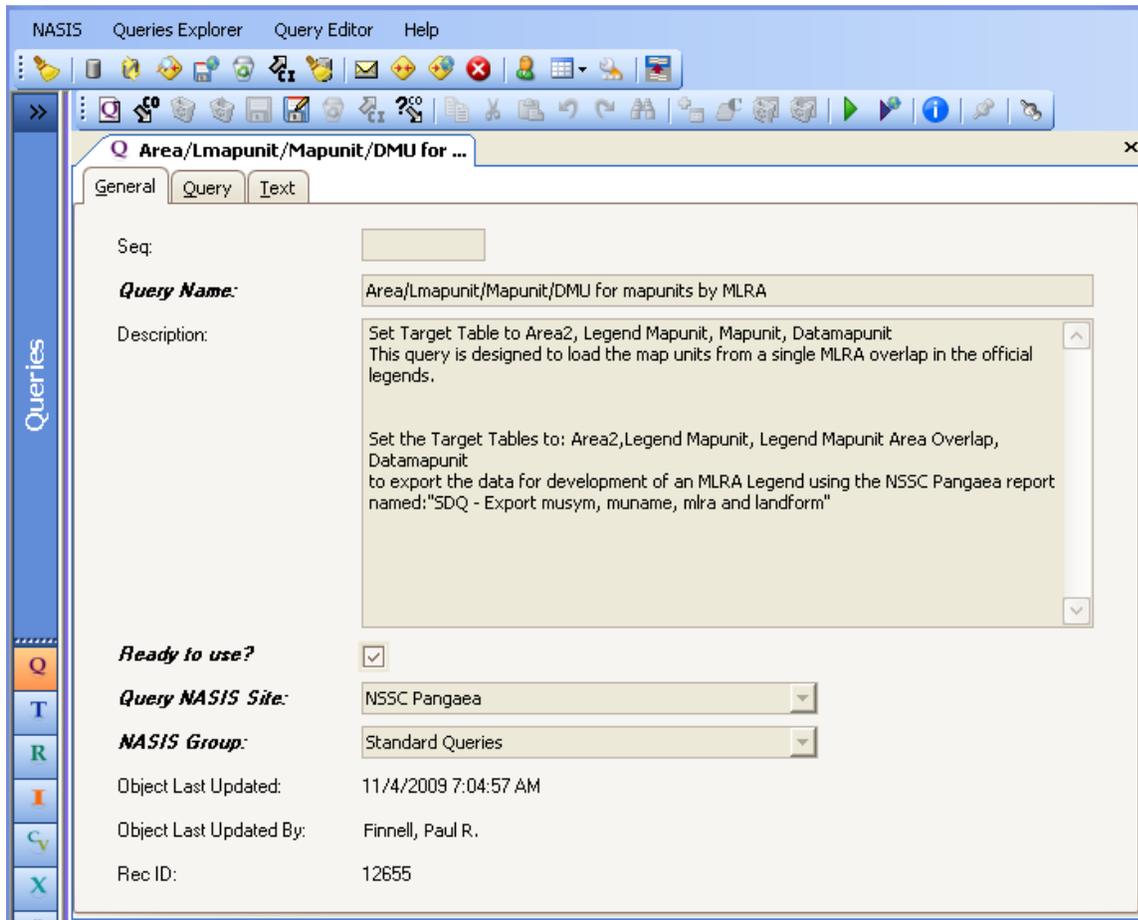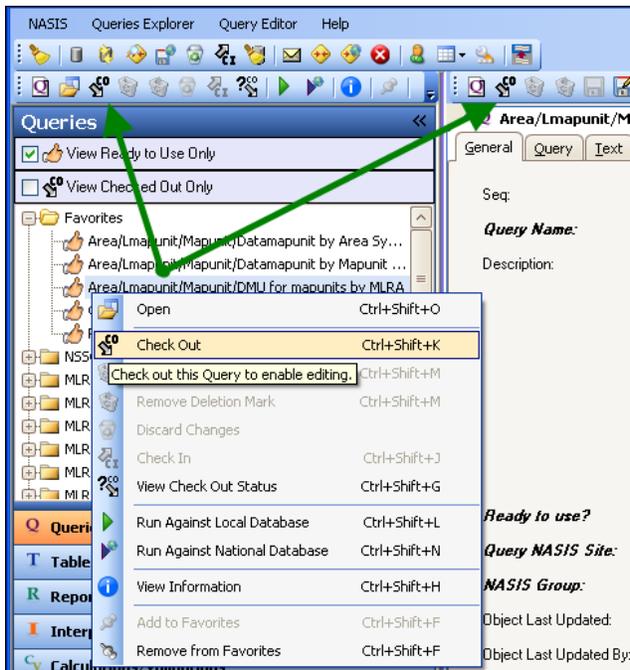

The query must be "Checked Out" before an edit is made. Many options are available to check out a query: the Right Click menu on the query name, or the Query Toolbars, or the Query Menus.
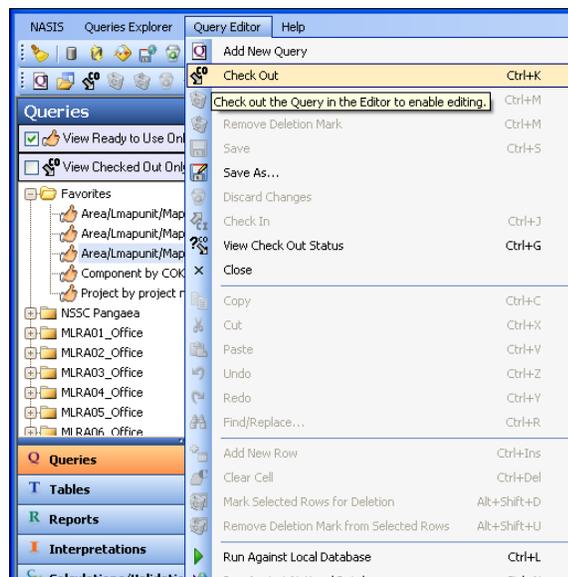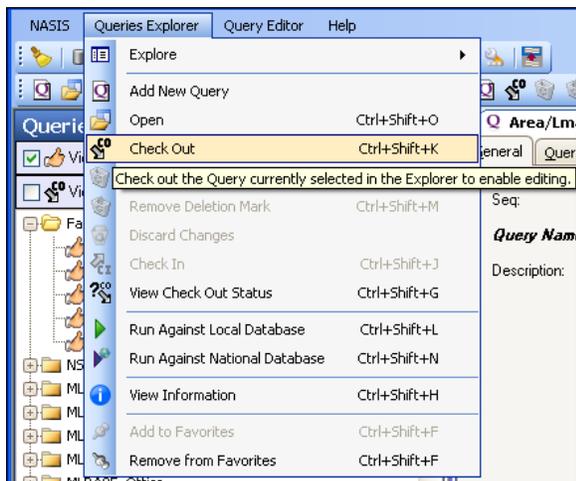
Using the Right-Click menu
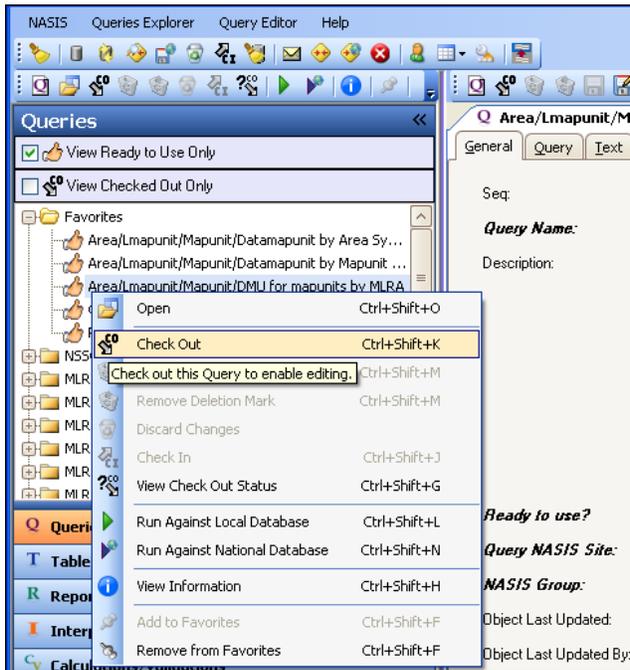
Using the Explorer Toolbar Icon or the Editor Toolbar Icon
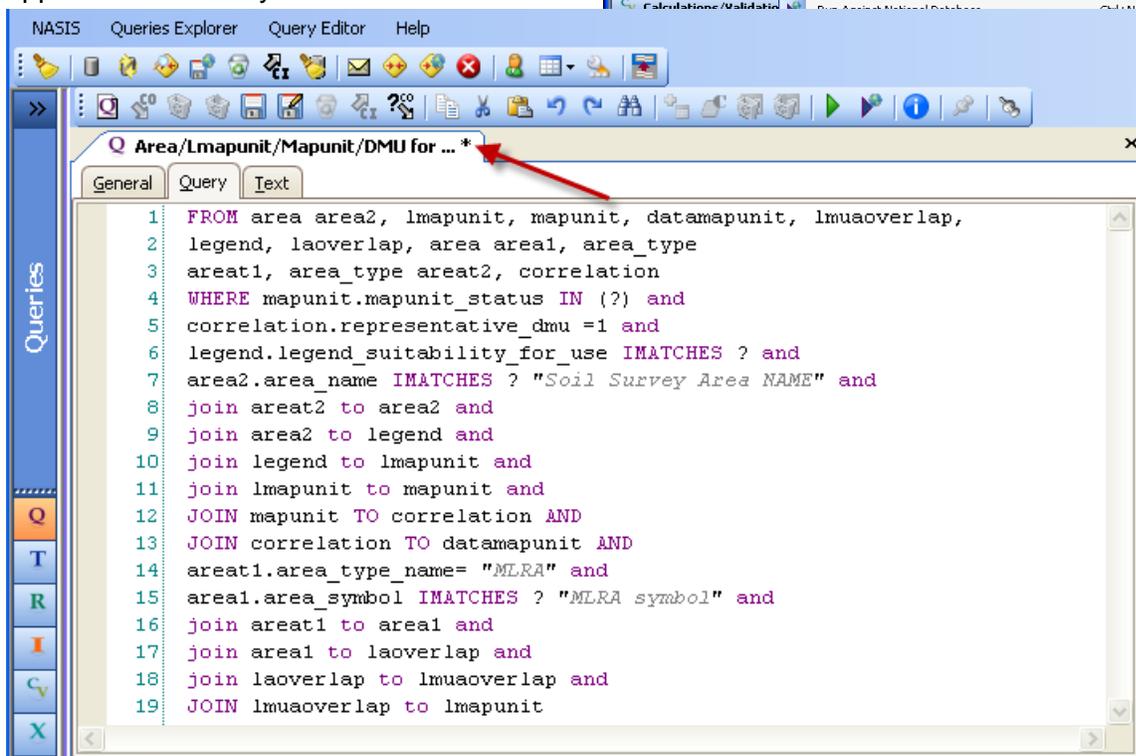
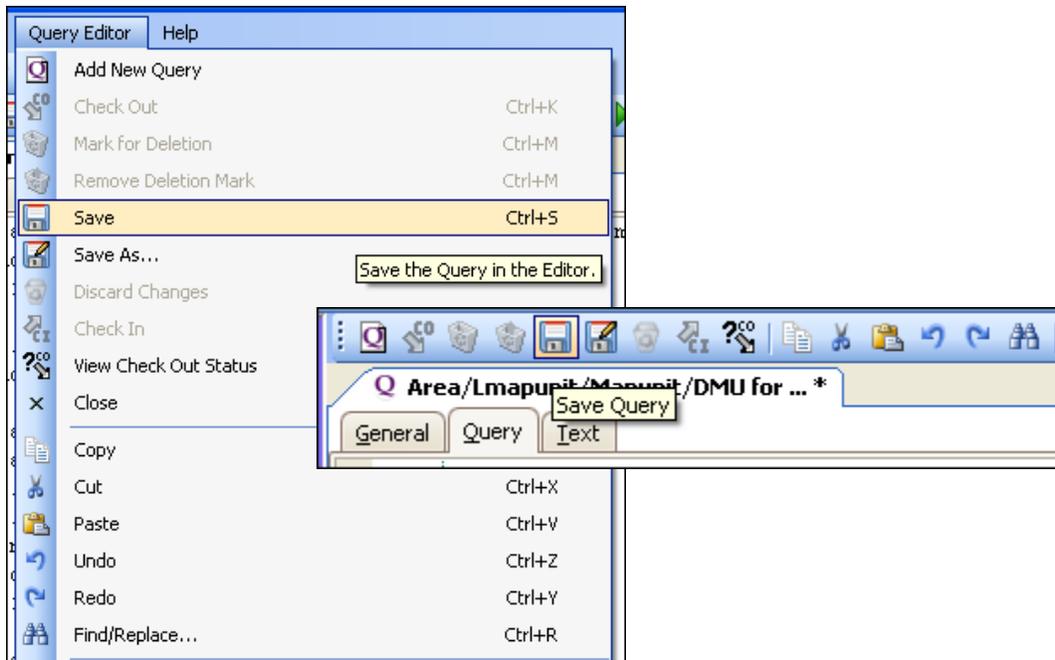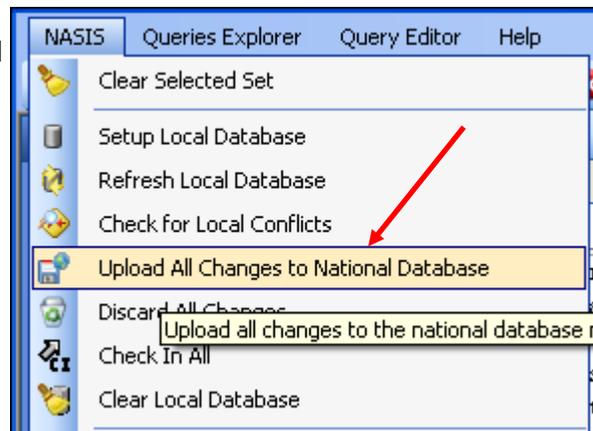**Using the Query Explorer   or Query Editor Menu**

Once an edit is made, an asterisk will appear on the Query tab.


Editing features are available; Cut, Copy and Paste. The query is saved to the local database after edits are made.   The Save option is available as an icon on the Query Toolbar and on the Query Editor. This save returns edits to the Local Database.

To complete the process, the edits are returned
All Changes to the National Database".

The last step is to "Check In" the query
using the Query Editor Menu or Toolbar:
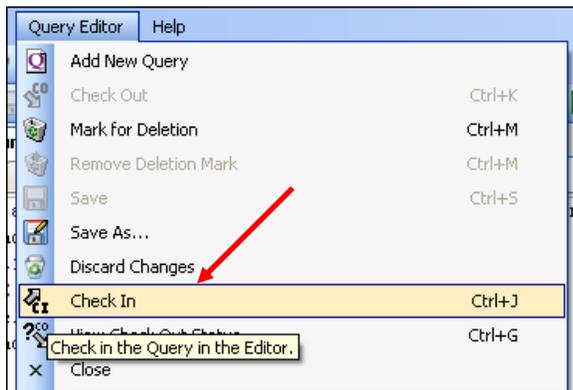
The steps are:
1. Check Out the query
2. Edit query
3. Save query to the local database
4. Upload All Changes to National Database
5. Check In query