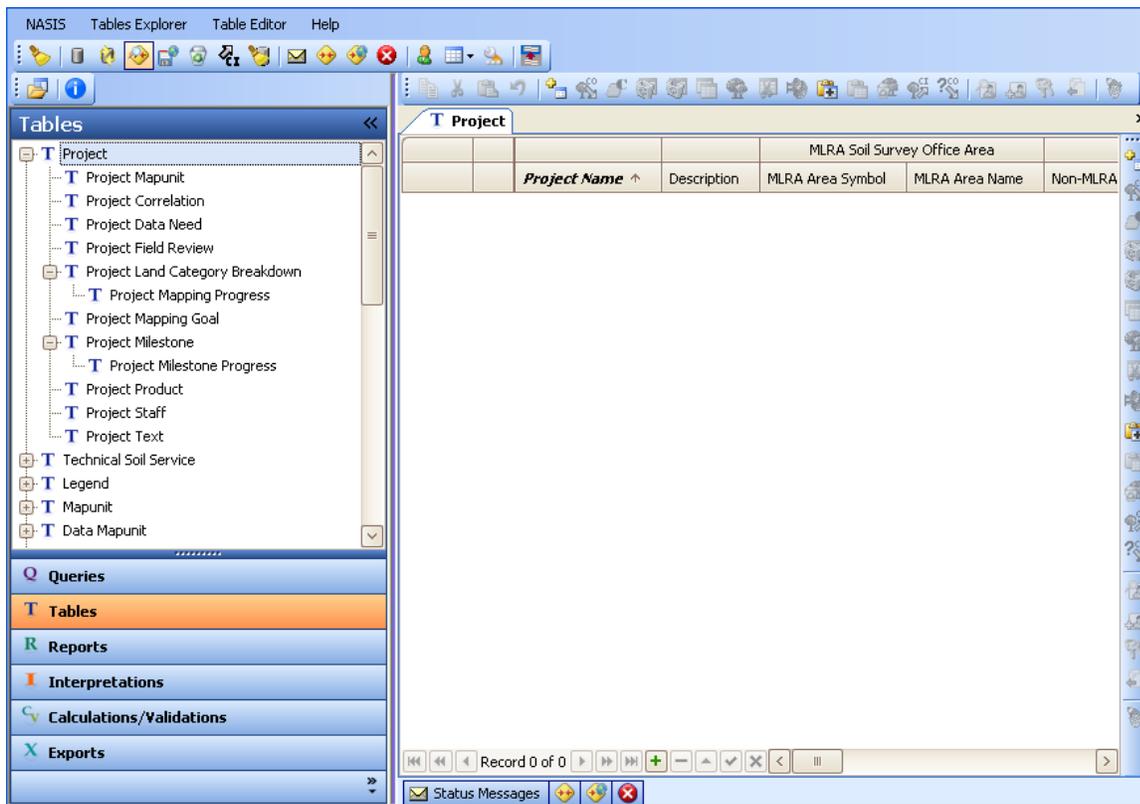


Chapter 8: Examining the Project Object

In previous NASIS versions, the Legend table was the primary method of managing soil surveys, including the Soil Survey Schedule information. The Project Object was introduced in NASIS 6 to manage soil survey data. The Project Object manages all soil survey projects for the traditional soil survey and the update soil survey.

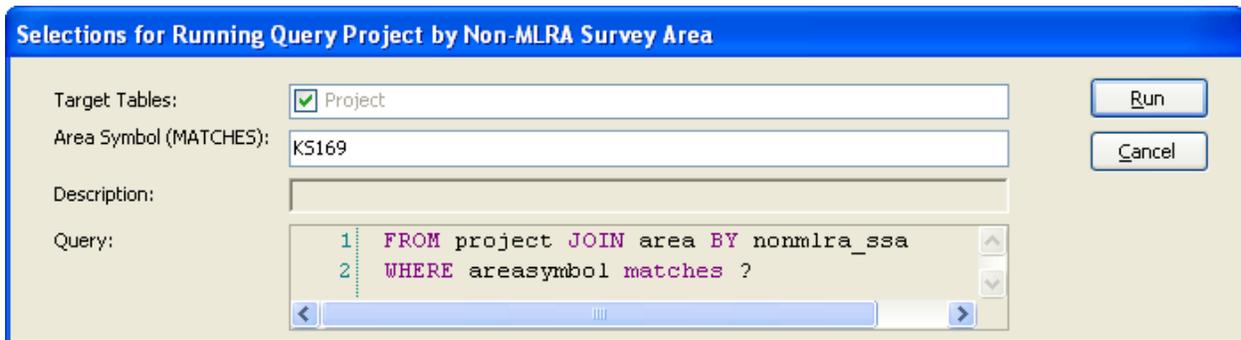
Open the Tables Explorer Panel. The Project Object is the first table listed in the Table Explorer Panel. Click on the plus sign to open the Project tree. The Project Object contains several child tables. This chapter explains the use of the Project Object, using the traditional soil survey as the example. Chapter 14 focuses on the use of the Project Object for an update project.



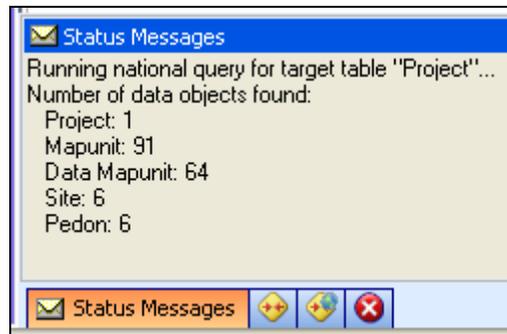
Traditional Soil Survey Projects

All traditional soil surveys have a *legend* for publication and a *project* for management. The legends and the projects are stored in the national database. Queries are used to download data from the national database to populate the local database. The local database is then queried to populate the selected set.

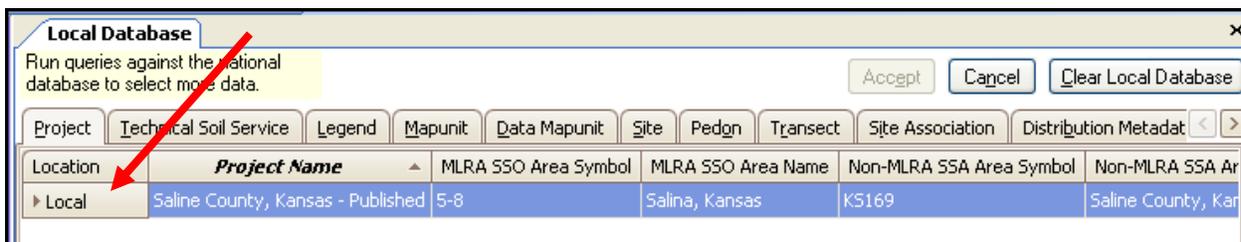
1. From the Queries Explorer, choose the national query named “Project by Non-MLRA Survey Area.” Enter an area symbol of choice.



2. The local database setup appears in the Explorer Panel. The Status Messages Panel presents the data available for download from the national database. Choose “Accept” to begin the download of data to the local database.



After downloading, the local database setup changes from “National” to “Local,” verifying that the data exists in the local database.



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- The query must be run a second time to load the data into the selected set. Notice that this query's focus is on the Project table and/or Area table. Other queries can be used to load the map units, data mapunits, pedons, and/or sites that were downloaded with the project.

Selections for Running Query Project by Non-MLRA Survey Area

Target Tables: Project
 Area

Area Symbol (MATCHES): KS169

Description:

Query:

```
1 FROM project JOIN area BY nonmlra_ssa
2 WHERE areasymbol matches ?
```

Check Out

The Project table is now populated with the KS169 soil survey data.

- Scroll to the right and examine the various columns in the Project table. Use the "View Information" function to examine the table explanation and data element explanations (in various columns) in the Project table. The "View Information" option is available from the Table Editor Menu, on the Editor Toolbar, or in the right-click menu for any column.

Project Name		Description	Approved?	MLRA Soil Survey Office Area		Non-MLRA Soil Survey Area	
Project Name		Description	Approved?	MLRA SSO Area Symbol	MLRA SSO Area Name	Non-MLRA SSA Area Symbol	Non-MLRA SSA Area Name
P	Saline County, Kansas - Published		<input type="checkbox"/>	5-8	Salina, Kansas	KS169	Saline County, Kansas

- The plus sign on the left side of the row is used to open the child tables. A new child table choice list is available by clicking on the triangle next to the plus sign.

Project Name		Description	Approved?	MLRA Soil Survey Office Area		Non-MLRA Soil Survey Area																																																																		
Project Name		Description	Approved?	MLRA SSO Area Symbol	MLRA SSO Area Name	Non-MLRA SSA Area Symbol	Non-MLRA SSA Area Name																																																																	
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- The Project Mapunit table is the default child table. This table is used to identify the map units stored in the Mapunit table that are used in the particular survey area.
- Map units are entered and managed in the Mapunit table, not the Project Mapunit table. They are linked to a project using the choice list in the Project Mapunit table. The choice list is controlled by the map units available in the local database's Mapunit table. To add map units, the project must be checked out. Once checked out, the choice list is active. In this image, the letter "E" to the left of the row denotes that the row is checked out and available to edit.

Project Name		MLRA Soil Survey Office Area		Non-MLRA Soil Survey Area		State Responsible	English
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English
Saline County, Kansas - Published		5-8	Salina, Kansas	KS169	Saline County, Kansas	ks	

Mapunit		Record Last Updated	NASIS User Name
Mapunit Name	Mapunit Status	Record Last Updated	NASIS User Name
Bavaria-Detroit complex, rarely flooded	correlated		
MLRA05_Office	tmh6		
MLRA05_Office	tmh7		
MLRA05_Office	tmh8		
MLRA05_Office	tmh9		
MLRA05_Office	tmha		
MLRA05_Office	tmhb		
MLRA05_Office	tmhc		
MLRA05_Office	tmhd		
MLRA05_Office	tmhe		
MLRA05_Office	tmhf		
MLRA05_Office	tmhg		
MLRA05_Office	tmhh		

- The Project Correlation table stores the correlation document and amendments.

Project Name		MLRA Soil Survey Office Area		Non-MLRA Soil Survey Area		State Responsible	English
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English
Saline County, Kansas - Published		5-8	Salina, Kansas	KS169	Saline County, Kansas	ks	

Date	Author	Correlation Type	Amendment Number	Correlation Document	Record Last Updated	NASIS User Name	Rec ID
10/08/2009	William Wehmuller	final correlation		This is where the correl...	10/08/2009 13:54:57	Finnell, Paul R.	10151

- The Project Data Need table is used to identify and track requests for imagery and map needs.

Project Name		MLRA Soil Survey Office Area		Non-MLRA Soil Survey Area		State Responsible	English
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English
Saline County, Kansas - Published		5-8	Salina, Kansas	KS169	Saline County, Kansas	ks	

Project Data Type Name	Project Imagery Scale	Date Needed	Date Ordered	Date Received	Record Last Updated	NASIS User Name	Rec ID
Digital orthophoto quads	24000	12/2009	10/2009		10/08/2009 13:57:26	Finnell, Paul R.	10091

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10. The Project Field Review table stores all field review reports.

Project		MLRA Soil Survey Office Area				Non-MLRA Soil Survey Area																				
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English																			
M	Saline County, Kansas - Published	5-8	Salina, Kansas	KS169	Saline County, Kansas	ks																				
<table border="1"> <thead> <tr> <th>Date</th> <th>Author</th> <th>Correlation Event</th> <th>Review Document</th> <th>Record Last Updated</th> <th>NASIS User Name</th> <th>Rec ID</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>10/08/2009</td> <td>William Wehmuller</td> <td>progress field review</td> <td>Progress Field Rev...</td> <td>10/08/2009 14:02:10</td> <td>Finnell, Paul R.</td> <td>10121</td> <td colspan="2"></td> </tr> </tbody> </table>										Date	Author	Correlation Event	Review Document	Record Last Updated	NASIS User Name	Rec ID	N	10/08/2009	William Wehmuller	progress field review	Progress Field Rev...	10/08/2009 14:02:10	Finnell, Paul R.	10121		
Date	Author	Correlation Event	Review Document	Record Last Updated	NASIS User Name	Rec ID																				
N	10/08/2009	William Wehmuller	progress field review	Progress Field Rev...	10/08/2009 14:02:10	Finnell, Paul R.	10121																			

11. The Project Land Category Breakdown table identifies the various land ownerships within the project area. Its child table, the Project Mapping Progress table, is where mapping progress is recorded.

Project		MLRA Soil Survey Office Area				Non-MLRA Soil Survey Area																																																																			
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English																																																																		
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E	other federal land	33463																																																																							
E	census water	58																																																																							

12. The Project Mapping Goal table is used to identify the individual acre goals.

Project		MLRA Soil Survey Office Area				Non-MLRA Soil Survey Area																																																																											
Project Name	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English																																																																										
M	Reno County, Kansas - Published	5-8	Salina, Kansas	KS155	Reno County, Kansas	ks																																																																											
<table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Initial NRCS Acres Goal</th> <th>Initial Cooperator Acres Goal</th> <th>Update NRCS Acres Goal</th> <th>Update Cooperator Acres Goal</th> <th>Project Staff Me...</th> <th>NASIS User Name</th> <th>Record</th> </tr> </thead> <tbody> <tr> <td>1993</td> <td></td> <td></td> <td>110000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1994</td> <td></td> <td></td> <td>145000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1995</td> <td></td> <td></td> <td>115000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1996</td> <td></td> <td></td> <td>70000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1997</td> <td></td> <td></td> <td>70000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1998</td> <td></td> <td></td> <td>38000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1999</td> <td></td> <td></td> <td>45000</td> <td></td> <td></td> <td>Warner, John</td> <td></td> </tr> <tr> <td>1999</td> <td></td> <td></td> <td>15000</td> <td></td> <td></td> <td>Gray, Larry</td> <td></td> </tr> </tbody> </table>										Fiscal Year	Initial NRCS Acres Goal	Initial Cooperator Acres Goal	Update NRCS Acres Goal	Update Cooperator Acres Goal	Project Staff Me...	NASIS User Name	Record	1993			110000					1994			145000					1995			115000					1996			70000					1997			70000					1998			38000					1999			45000			Warner, John		1999			15000			Gray, Larry	
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1999			45000			Warner, John																																																																											
1999			15000			Gray, Larry																																																																											

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13. The Project Milestone table is a new table used to identify various management items that are essential to the completion of the survey project.

The screenshot shows the 'Project Milestone' table within the 'Project' window. The table is titled 'Milestone Type' and contains the following data:

Milestone Type Name	Milestone Description	Scheduled Start Date	Scheduled Completion Date	Milestone Date Started	Milestone Date Completed
Digital map finishing				10/15/1999	11/10/1999
Digitize maps				06/28/1999	09/30/1999
English edit					04/01/2000
Map compilation				01/12/1999	06/12/1999
Map compilation certification					06/18/1999
Maps to NCGC					10/10/2000
Maps to printer					08/07/2002
SSURGO archived					08/09/2005
SSURGO certification					10/15/1999
SSURGO digital review				10/04/1999	
Technical edit		06/01/1999			09/30/1999
Text received at NCGC					10/01/2001
Text to printer					11/07/2002
Technical Review					10/30/1999

14. The Project Product table identifies the various publication products.

The screenshot shows the 'Project Product' table within the 'Project' window. The table is titled 'Product Type' and contains the following data:

Product Description	Scheduled Delivery	Product Text Formatted	Product Text Proofed	Product Text Completed	Product Text Subm
soil survey report on cd-rom	04/24/2000				
traditional bound manuscript	04/15/2003				
web publication	02/28/2005				

15. The Project Staff table identifies those NASIS users working on the particular project.

The screenshot shows the 'Project Staff Member' table within the 'Project' window. The table is titled 'Project Staff Member' and contains the following data:

NASIS User Name	Record Last Updated	NASIS User Name	Rec ID
Gray, Larry			182
Murphy, Bob			6833
Warner, John			181

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16. The Project Text table stores all documentation pertaining to the project.

T Project										
		MLRA Soil Survey Office Area			Non-MLRA Soil Survey Area					
		<i>Project Name</i> ↑	Description	MLRA Area Symbol	MLRA Area Name	Non-MLRA Area Symbol	Non-MLRA Area Name	State Responsible	English Edit	
		Reno County, Kansas - Published		5-8	Salina, Kansas	KS155	Reno County, Kansas	ks		
▶ M		Saline County, Kansas - Published		5-8	Salina, Kansas	KS169	Saline County, Kansas	ks		
<div style="display: flex; justify-content: space-between;"> Project Data Need Project Field Review Project Land Category Breakdown Project Mapping Goal Project Milestone Project Product Project Staff Project Text </div>										
		<i>Date</i>	Author	<i>Kind</i> ↑	Category ↑	Subcategory ↑	Text Entry	Record Last Updated	NASIS User Name	Rec ID
▶ N		10/08/2009	Paul R. Finnell	project plan				10/08/2009 14:39:24	Finnell, Paul R.	10062

Summary

The Project Object is new to NASIS 6. The Soil Survey Schedule information that was maintained in the NASIS 5 Legend table is now stored in the NASIS 6 Project Object. This new object is used to manage traditional soil surveys and MLRA projects. The Project Mapunit table identifies the map units assigned to the particular project. Those map units are populated and managed in the Mapunit table. The Project Mapunit table links the map unit to the project.

Chapter 14 provides additional information on the use of the Project Object for update projects.