

Ways to Use PeopleGIS

	BEST	~OK~	YUCK!
Mapping	Leica CS25 GIS Device	Tablet In the office	--
Inspections	Tablet	Paper In the office	Leica CS25 GIS Device
Query Data/ Create Reports	In the office	Tablet	Leica CS25 GIS Device
Upload large files	In the office	Tablet	Leica CS25 GIS Device



Leica



Samsung tablet



**In the office-
desktop or laptop**

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Leica Devices

- To get one of the 2 CMRSWC Leica devices:
Steve Tyler, Town of Spencer
styler@spencerma.gov
Phone: 508-885-7525



Leica #1: \$15,240
November 2012
Serial #6006406
Model: CS25 ZC2 + 25 with
AS10 SmartAntenna



Leica #2: \$13,500
January 2013
Serial #6007652
Model: CS25 GNSS Handheld with
HELIX antenna

Leica Devices

- On the CMRSWC website

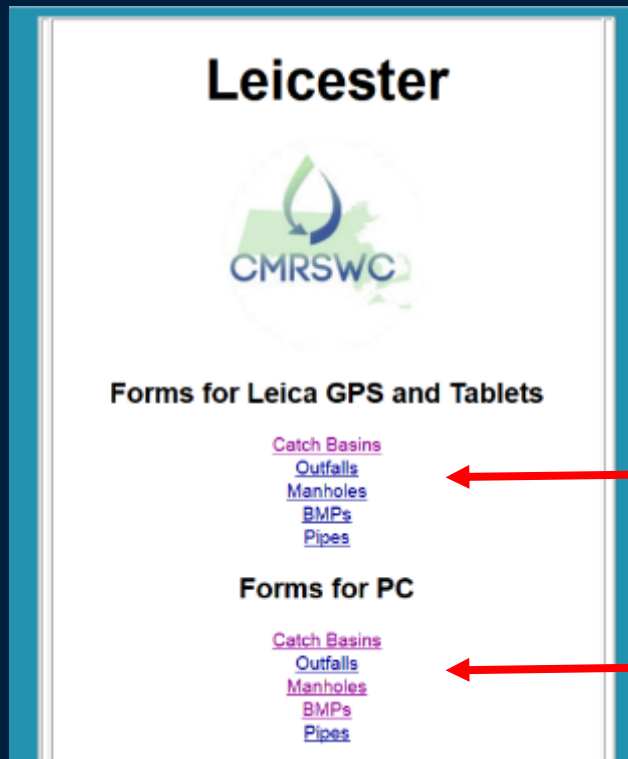
[www.centralmastormwater.org/Pages/crsc_toolbox/Mapping Equipment](http://www.centralmastormwater.org/Pages/crsc_toolbox/Mapping_Equipment)

1. Overview of what's different between Leica #1 and Leica #2.
2. Usage SOP and Inventory for both devices
3. What's expected from each user.
4. Instructions from PeopleGIS
5. Technical Specifications for both devices

Dashboard 1: Quick Links- Forms

www.mapsonline.net/cmrswc/links_townname.html

Password protected – contact Aubrey if you forget your password



Version of the forms with large buttons for easy typing in the field.

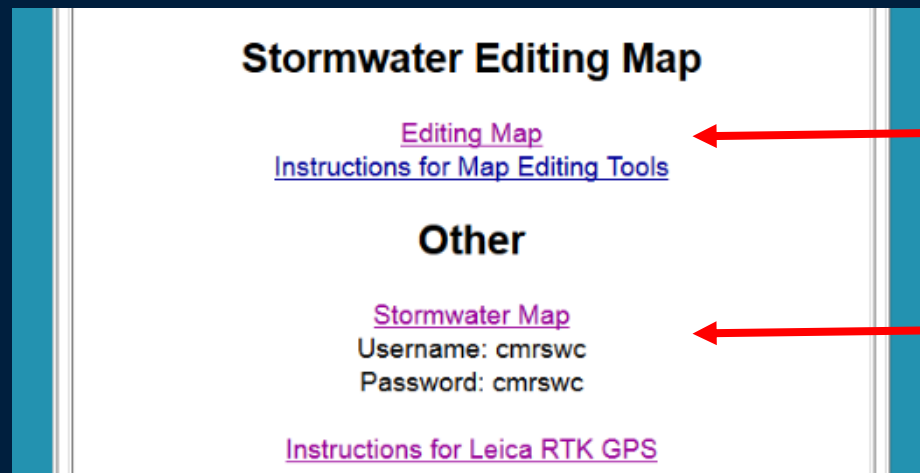
Version of the forms easily clickable with a mouse.

Data goes to the same place regardless of which version you use!

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Dashboard 1: Quick Links- Live Map

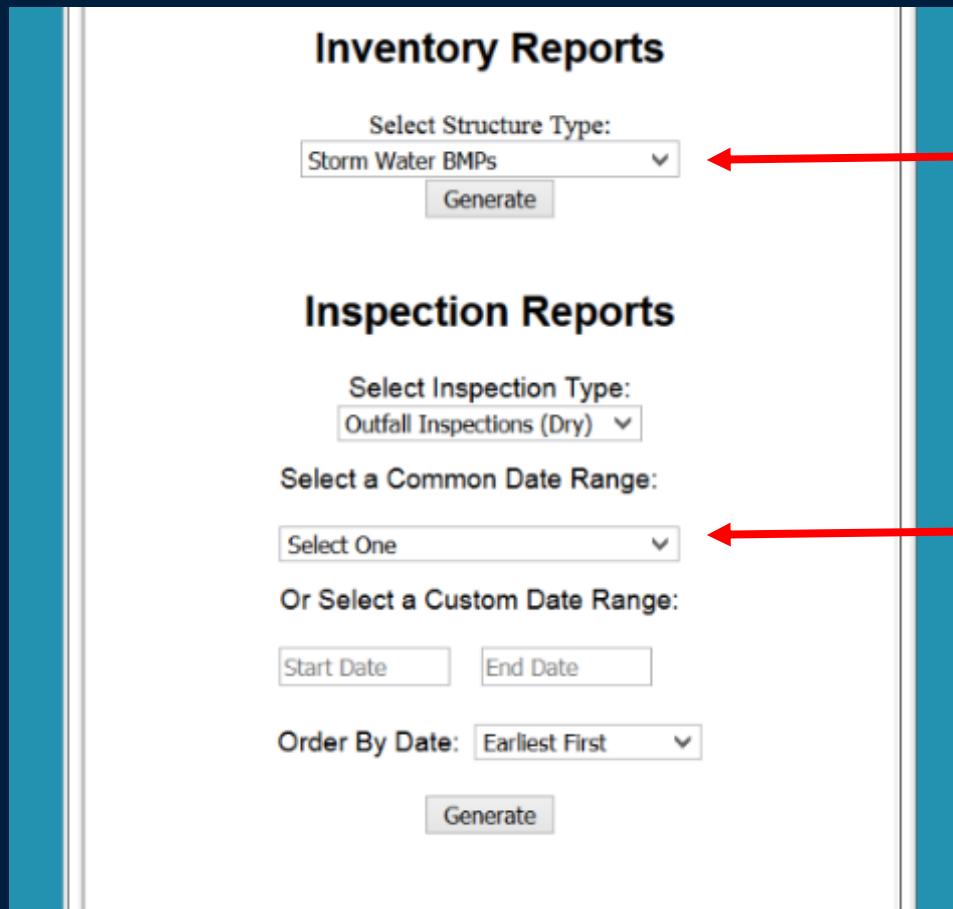


Version of the map where you can add new assets. Quick link to mapping instructions.

Version of the map where you can see other towns' assets. *(You can't edit them, and they can't edit yours!)*

Quick link to Leica instructions.

Dashboard 1: Quick Links - Reports



The screenshot displays a web interface for generating reports. It is divided into two main sections: 'Inventory Reports' and 'Inspection Reports'. The 'Inventory Reports' section has a dropdown menu for 'Select Structure Type:' with 'Storm Water BMPs' selected, and a 'Generate' button below it. The 'Inspection Reports' section has a dropdown menu for 'Select Inspection Type:' with 'Outfall Inspections (Dry)' selected. Below this is a 'Select a Common Date Range:' dropdown menu with 'Select One' selected, and a 'Generate' button. There is also an option to 'Or Select a Custom Date Range:' with 'Start Date' and 'End Date' input fields. At the bottom, there is an 'Order By Date:' dropdown menu with 'Earliest First' selected, and another 'Generate' button. Two red arrows point from the text on the right to the 'Storm Water BMPs' dropdown and the 'Select One' dropdown.

Inventory Reports

Select Structure Type:
Storm Water BMPs ▼
Generate

Inspection Reports

Select Inspection Type:
Outfall Inspections (Dry) ▼

Select a Common Date Range:
Select One ▼

Or Select a Custom Date Range:
Start Date End Date

Order By Date: Earliest First ▼
Generate

Quickly list the number of catch basins, drain manholes, etc... in your system.

The most commonly run simple queries.

You can run a more detailed query; we'll show you later in this session.

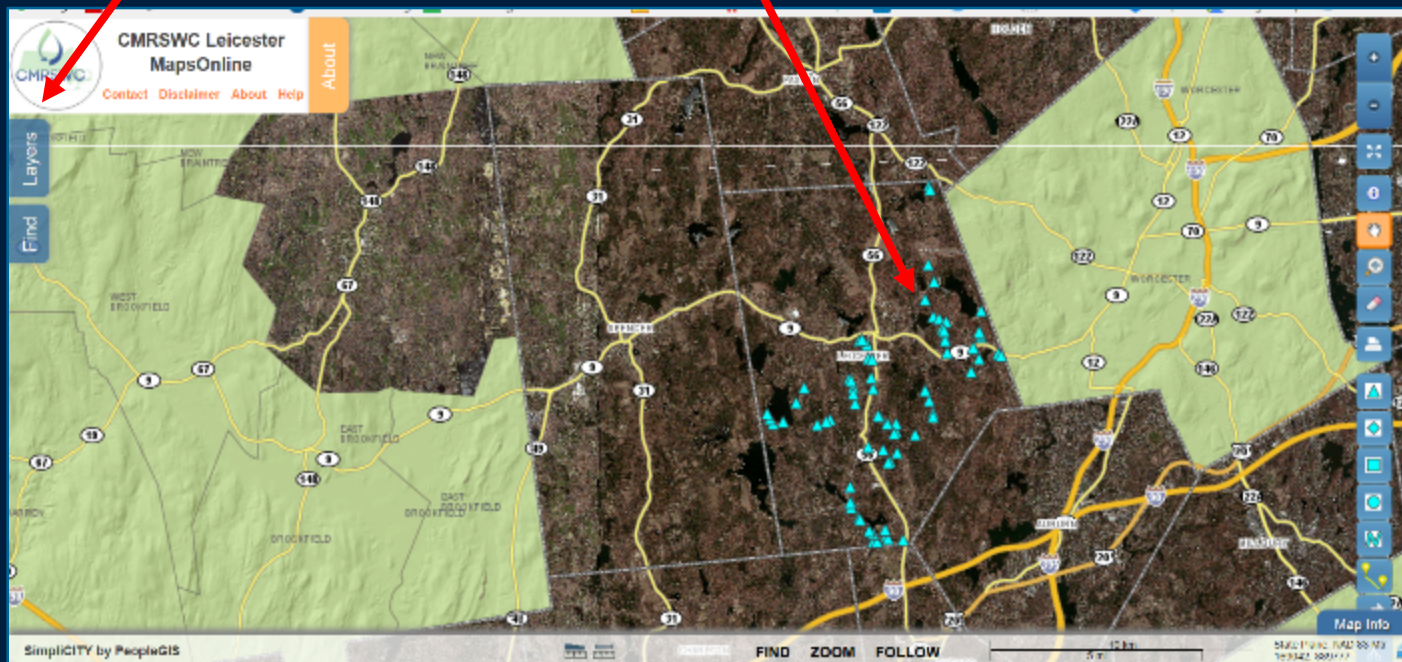
Dashboard 2: MapsOnline

www.mapsonline.net/cmrswc/map_townname.html

Password protected – contact Aubrey if you forget your password

Turn on or off
layers; search by
street name

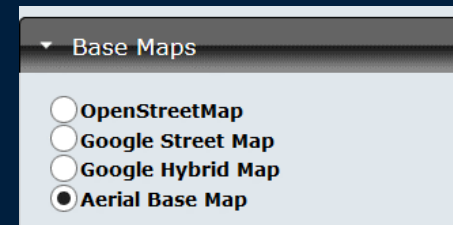
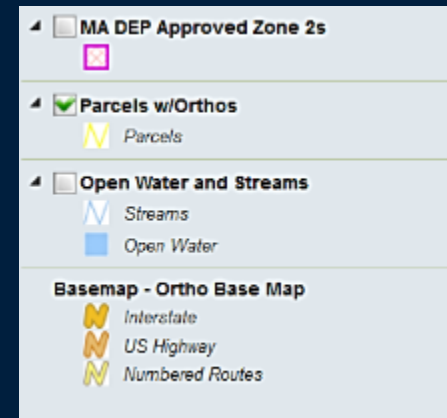
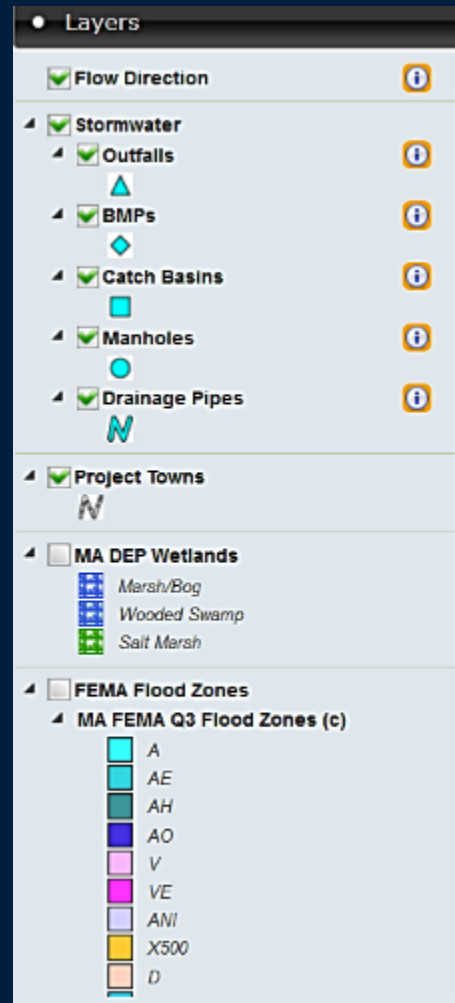
Only outfalls (blue
triangle) are visible
when zoomed out.



Tools to zoom
in/out, select
data, map
new
infrastructure
with just a
click.

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GIS Layers Managed and Updated by PeopleGIS



These are updated as part of the Annual Service Fee.
Aerial flyovers are also updated.

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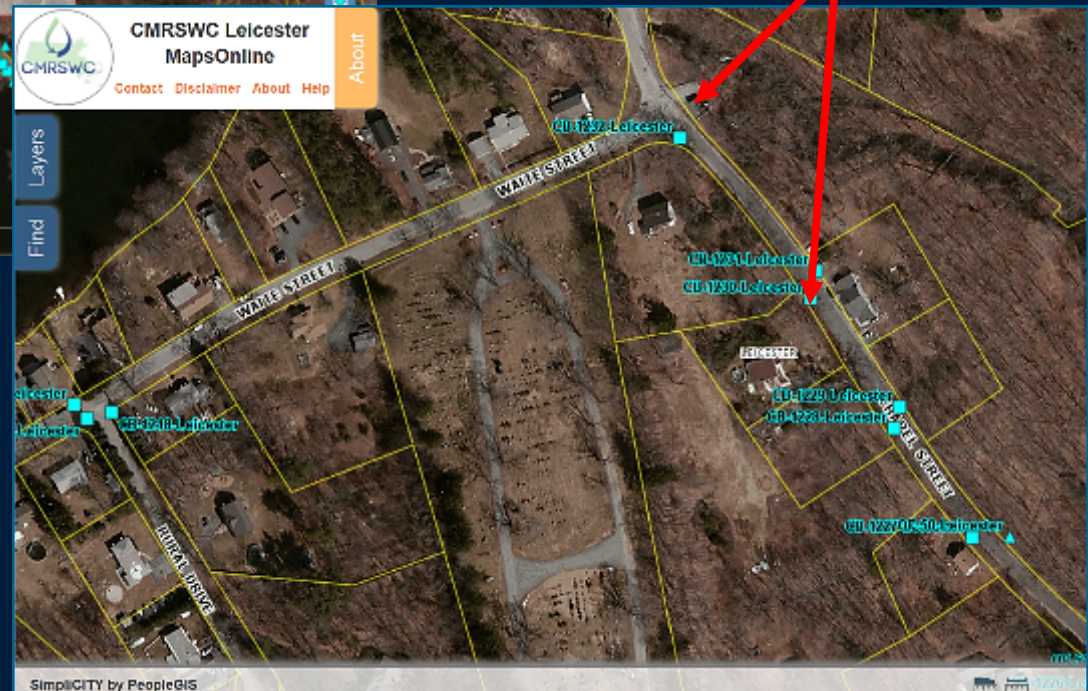


Zooming in to See Data



Outfalls, catch basins (blue squares), drain manholes, pipe, parcels, and asset ID are visible when zoomed in. (No pipe in this example)

**Select several points
by drawing a box
around them.
“Box” tool is circled.**



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Using the “Identify” Tool to Select Infrastructure

Results Summary

Outfalls

OutfallID	OriginalTownOutfallID
OF-50-Leicester	50

Catch Basins

CatchBasinID	TownCatchBasinID
CB-1227-Leicester	
CB-1228-Leicester	
CB-1229-Leicester	
CB-1230-Leicester	
CB-1231-Leicester	
CB-1232-Leicester	

Identify the points you selected. Asset ID's appear in left hand column
“Identify” tool is circled.

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Information for a Single Catch Basin and Adding a new Inspection To it

Quick Zooms

Find Properties

Results Summary

Outfalls

OutfallID	OriginalTownOutfallID
OF-50-Leicester	50

Catch Basins

CatchBasinID	TownCatchBasinID
CB-1227-Leicester	
CB-1229-Leicester	
CB-1230-Leicester	
CB-1231-Leicester	
CB-1232-Leicester	

Detail Information **Zoom To**

Town	LEICESTER
StreetName	Chapel Street
LabelType	
LabelType(ifother)	
BasinCondition	
BasinMaterial	
GrateType	
IsGrateAligned	yes
PipeMaterial	
PipeMaterial(ifother)	
PipeType	
PipeInsideDiameter	
PipeOutsideDiameter	
PipeWidth	
PipeHeight	
Comments	basin right side of road
Link	PeopleForm

Storm Water Catch Basins Leicester

Catch Basin ID: CB-1229-Leicester

Original Town Catch Basin ID:

XY Location
X Coord: 108215.029 Y Coord: 888620.226

GPS Elevation:
251.17

Mapping Date:
October 3, 2013

Mapping Method

☐ By Eye
☐ 3 Meter GPS
☐ 1 Foot GPS
☐ RTK GPS - Float (dingle)

☐ Aerial Photo
☐ 1 Meter GPS
☒ RTK GPS - Fixed (crosshairs)

Mapped By:

☐ Student
☒ Town
☐ Consultant

Learn more about one of the assets listed by clicking on it (here: CB-1229).

A new table opens at the bottom of the left-hand column.

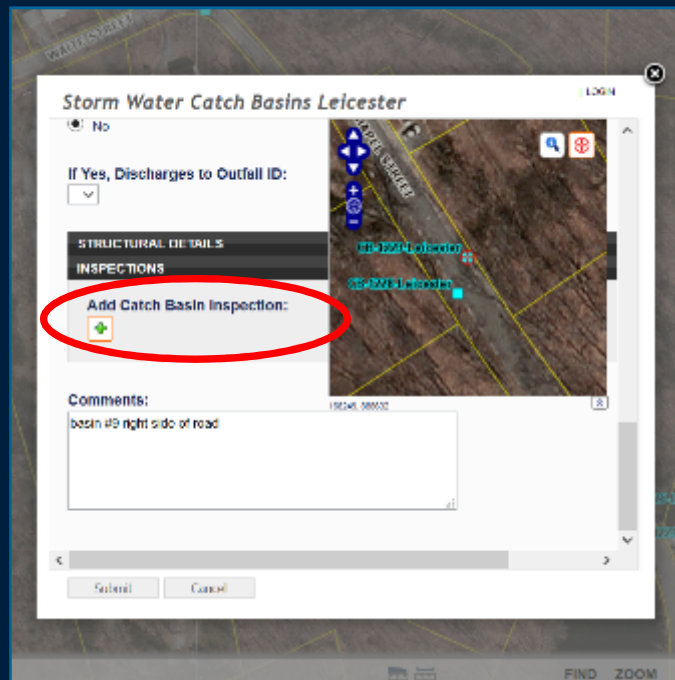
Add data by clicking on the "PeopleForm" link at the bottom.

Simplicity by PeopleGIS

FIND ZOOM FOLLOW

200 m 1000 ft

Create a New Inspection from the PeopleForm



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Storm Water Catch Basin Inspection Form

Catch Basin ID:
CB-1229-Leicester

Original Town Catch Basin ID:

Inspection No:
(This field will be filled in when you save this inspection.)

Inspection Date:
October 23, 2015 clear

Inspector: *

Town: *
-- select one --

Ownership:
Town

Is this Inspection Associated with a Cleaning?:
☐ Yes
☐ No

Street Name:
Chapel Street

INSPECTIONS
MAINTENANCE REQUIRED

Flag for Water Quality Test?
☐ Yes
☒ No

Upload Photo:
Browse... No file selected.

Comments:

Submit Cancel

Creates a unique Inspection #

Auto= current date; can edit

Text box, pull-down, or click

Click bars to expand sections of the form

Take a photo in the field, or add one later.
PeopleGIS also accepts videos, PDFs, CAD, etc...

Click "Add Catch Basin Inspection". A new form opens and Permanent structure data is automatically in the new form.

“Maintenance” Section of Form, Expanded

Powered by PeopleForms - Copyright 2014 PeopleGIS

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Print | Blank PDF

Storm Water Catch Basin Inspection Form

MAINTENANCE REQUIRED

Required Maintenance

<input type="checkbox"/> Tree Work	<input type="checkbox"/> New Grate Needed	<input type="checkbox"/> Pipe Blocked
<input type="checkbox"/> Frame Maintenance	<input type="checkbox"/> Remove Sediment	<input type="checkbox"/> Pipe Maintenance
<input type="checkbox"/> Basin Undermined or Bypassed	<input type="checkbox"/> Cannot Remove Grate	<input type="checkbox"/> Ditch Work
<input type="checkbox"/> Corrosion at Structure	<input type="checkbox"/> Erosion Around Structure	<input type="checkbox"/> Remove Trash and Debris
<input type="checkbox"/> Frame Needs Cement	<input type="checkbox"/> Other (indicate below):	

Other Required Maintenance:

Flag for Water Quality Test?

☐ Yes

☒ No

Upload Photo:

Browse... No file selected.

Submit Cancel

Select all that apply
and/or...

add a
custom entry.

Can be created as a
Work Order system
(additional cost)
initially or at a later time.

“Submit” to save all
data and create the
unique inspection #

Form Manager: See, Create, and Edit

The screenshot displays the PeopleForms web application. At the top, a navigation bar includes 'Welcome Audrey Strasser', 'PeopleForms Modules', 'Logout', and 'User Manual'. The main interface is divided into two primary sections: 'Create New Form' on the left and 'Form Manager' on the right.

The 'Create New Form' section features a text input field for a title, a 'Create' button, and links for 'Copy Form' and 'Form Filters'.

The 'Form Manager' section lists several existing forms, each with a globe icon, a title, and a brief description. The forms listed are:

- Culvert Structural Assessment Form**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Culvert Structural Assessment Form. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Document Manager**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Document Manager. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Dry Weather Outfall Inspection Form**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Dry Weather Outfall Inspection Form. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Level3_morpo_assessocshp**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Level3_morpo_assessocshp. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Project Logins**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Project Logins. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Storm Water BMP Inspection Form**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Storm Water BMP Inspection Form. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.
- Storm Water BMPs Auburn**: Description: URL: http://www.maponline.net/onlineForms/template_select.php?form=25522118. Fields: owner, 25522118. Metadata: Name: Storm Water BMPs Auburn. Created: June 9, 2015, 1:24 pm. Form Owners: Self Users.

Each form entry in the 'Form Manager' list has a set of icons on the right, including a globe, a document, and a trash can. A red circle highlights the globe icon for the 'Culvert Structural Assessment Form'.

Below the 'Form Manager' list, a detailed view of the 'Culvert Structural Assessment Form' is shown. This view includes a 'Form Details' section on the left with fields for 'Question Text', 'Answer Text', 'Required?', 'Private?', 'Read Only?', 'Type', and 'Protect Form'. The main area displays the form's fields, including 'Date', 'Inspector Names', 'Weather Conditions', 'Road Name', 'Team', 'Culvert Location', and 'Location Notes'.

Red arrows and text annotations are overlaid on the image:

- A red arrow points from the 'Create' button in the 'Create New Form' section to the text: 'Create a new form from scratch.'
- A red arrow points from the globe icon in the 'Form Manager' list to the text: 'Click Edit icon to edit an existing form.'
- A red arrow points from the globe icon in the 'Form Manager' list to the text: 'Edit window for that form opens.'
- A red arrow points from the 'Form Details' section to the text: 'Many types of questions/answers are available.'
- A yellow text box at the bottom left states: 'Not all forms are shown due to screen size. We'd scroll down to see many more!'

Form Library

PeopleForms
Welcome Audrey Strause | PeopleForms Modules | Logout | User Manual

Form Details
Select a tag or enter a search to find forms in the library
Once you have selected a form, you will see the details in this panel

Form Library
Search for Forms By Department Tag:
Accounting | Building Dept | Conservation | Finance | Fire | General | GIS Admin
Harbor | Public Works | IT | Lookup Tables | Parks & Rec | Planning | Police
Public | Schools | Senior Services | Town Clerk | Town Manager | Zoning
[select all](#) [clear](#)

Search for Forms By Keyword:
 [search](#)

Search Results (0 found):

Form Library
Search Results (108 found)

	Commodity Fee Payment (pdf/online)	Form: 128 (1478 records)		
	Sewer System Permit Statement	Form: 128 (1478 records)		
	Street Closures Permit (D&B VERSION) (pdf/online)	Form: 128 (1478 records)		
	Cemetery Graves Map (pdf/online)	Form: 128 (1478 records)		
	WSD Water Quality Log (pdf/online)	Form: 128 (1478 records)		
	DDW Work Orders (pdf/online)	Form: 128 (1478 records)		
	Transfer Station Permits 2014-2015 (pdf/online)	Form: 128 (1478 records)		
	Transfer Station Permits 2015-2016 CASU/ITCK ONLY (pdf/online)	Form: 128 (1478 records)		
	BOARDING PERMITS 2015-2016 - DEPT VEHICLE STAGING PERMITS (pdf/online)	Form: 128 (1478 records)		
	BOARDING PERMITS 2015-2016 (pdf/online)	Form: 128 (1478 records)		
	Cul-de-sac Sediment Inspection (pdf/online)	Form: 128 (1478 records)		

View another user's form

Copy the user's form to your Form Manager and edit, as needed. (Doesn't affect the creator's form)

Users have access to forms created by other users.
Search by category (here= Public Works).

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Run a Query, Export Results

Query data against multiple fields at the same time, including a date range.

Click to view an asset's data directly

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Print | Blank PDF | Search | Import | **Export** | Help

Storm Water Catch Basin Inspection Form

Catch Basin ID: is like

Select 'AND' or 'OR' to add another condition ☒ AND ☐ OR







Town: is like Milbury

Select 'AND' or 'OR' to add another condition ☒ AND ☐ OR

Inspection Date: is between 1/1/2013 and 10/23/2015

Select 'AND' or 'OR' to add another condition ☐ AND ☐ OR

Storm Water Catch Basin Inspection Form (400 records found)
Showing page (1) of (16) [Previous](#) [Next](#)

ID	CATCH BASIN ID	ORIGINAL TOWN CATCH BASIN ID	INSPECTION NO.	INSPECTION DATE	INSPECTOR	TOWN	OWNERSHIP	IS THIS AN ASSET WITH CLE
	CB-31	INSP-2-CB	04/01/2013	Mike C	Milbury	Town		
	CB-29	INSP-3-CB	04/01/2013	Mike C	Milbury	Town		
	CB-30	INSP-4-CB	04/01/2013	Mike C	Milbury	Town		
	CB-33	INSP-5-CB	04/01/2013	Mike C	Milbury	Town		
	CB-32	INSP-6-CB	04/01/2013	Mike C	Milbury	Town		
	CB-34	INSP-7-CB	04/01/2013	Mike C	Milbury	Town		

Logged in= Search tools available

Results are listed. (Here= 400 records).

Output all to Excel (or a shapefile) by clicking Export (above)

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