



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Streamlining Project Workflows that Involve Multiple Esri Applications

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# Making an Awesome Project Awesomer



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# Outline

STREAMLINING  
PROJECT WORKFLOWS  
THAT INVOLVE MULTIPLE  
ESRI  
APPLICATIONS



**1. Streamlining the Drinking Water Concern System**

**2. What are StoryMap Collections?  
And how to Create Your Own!**

**3. StoryMap Collections Tips and  
Tricks!**

# Michigan Department of **E**nvironment, **G**reat **L**akes, and **E**nergy

To protect Michigan's  
**environment** and **public health**  
by managing **air**, **water**, land,  
and **energy resources**.

# EGLE Organizational Chart



Office of the Clean Water Public Advocate

Office of Climate and Energy

Office of the Enviro. Justice Public Advocate

Office of the Great Lakes

Office of Legislative Affairs

Office of Public Information

Environmental Support

Finance

Information Management



Drinking  
Water &  
Enviro.  
Health



Office of the Clean  
Water Public  
Advocate

## Office of the Clean Water Public Advocate

The logo for the Michigan Department of Environment, Great Lakes, and Energy (EGLE), featuring the letters 'EGLE' in a bold, white, sans-serif font with a slight shadow effect, set against a background of blue water splashes and bubbles.

Home > About Us > Divisions and Offices > Office of the Clean Water Public Advocate

The Office of the Clean Water Public Advocate (OCWPA) was created through Governor Whitmer's [Executive Order 2019-06](#). The Office operates as a type 1 agency within the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to elevate concerns and has a direct connection to the Governor's Office.

“The OCWPA also ensures that the public can **report drinking water concerns** through the statewide concerns reporting system and that those **concerns are heard and investigated** by the appropriate entity.”

# Prior Project Workflow



public concern  
is **submitted**  
and saved into  
spreadsheet-  
based system



concern is  
**emailed** to  
central email  
and distributed  
manually to  
correct staff



staff **address**  
**concern** manually,  
concerns can't be  
edited in original  
system

# New Project Workflow



public concern is **submitted** and saved into a geographic information system (GIS)



concern is **linked** with correct **EGLE District** based on concern topic and location



concern is **emailed** to specific District staff



staff address concern and add **case notes** to original concern



staff **monitor** concerns and patterns



# New Project Applications



public concern is **submitted** and saved into a geographic information system (GIS)



concern is **linked** with correct **EGLE District** based on concern topic and location



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# Submitting Drinking Water Concerns

## EGLE Clean Water Public Advocate launches online tool to report drinking water concerns

FOR IMMEDIATE RELEASE

October 26, 2020

EGLE Media Office, [EGLE-Assist@Michigan.gov](mailto:EGLE-Assist@Michigan.gov), 517-284



Michigan.gov | Department of Environment, Great Lakes, and Energy



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[Home](#) > [About Us](#) > [Divisions and Offices](#) > [Office of the Clean Water Public Advocate](#) > [Report a Concern](#)

The online drinking water concern system was developed to provide Michigan residents with an additional channel to submit their water quality concerns to EGLE or their Local Health Department (LHD). Michigan residents can submit their water quality concerns using a mobile device or computer.

Before reporting a concern, please check out the following resources, which may help you report your concern more accurately and may help to answer or address your concern. For future reference, this page can be accessed by simply typing [Michigan.gov/DrinkingWaterConcerns](https://Michigan.gov/DrinkingWaterConcerns) in the URL bar.

[Submit a Drinking Water Concern](#)



ArcGIS Survey123

Launch



## ArcGIS Survey123

Smarter forms, smarter data collection



[Michigan.gov/CleanWater](https://Michigan.gov/CleanWater)



# Submitting Drinking Water Concerns

- ❖ Survey123 Connect (desktop software)
- ❖ More powerful than the web Survey123 Creator



## Drinking Water Concern Form



Please fill out this form with your drinking water concern. Your concern will then be sent to a response team based on the location and nature of the concern.

The Michigan Department of Environment, Great Lakes, and Energy's (EGLE) Drinking Water and Environmental Health Division and the Office of the Clean Water Public Advocate view these concerns as opportunities to address unknown problems and to improve programs and policies meant to protect Michigan residents. For information about water quality, visit [Michigan.gov/CleanWater](https://Michigan.gov/CleanWater)

**If this is a public health emergency, please call our Pollution Emergency Alert System (PEAS) at 1-800-292-4706.**

### About your concern ▼

This concern is about a...\*

-Please Select-

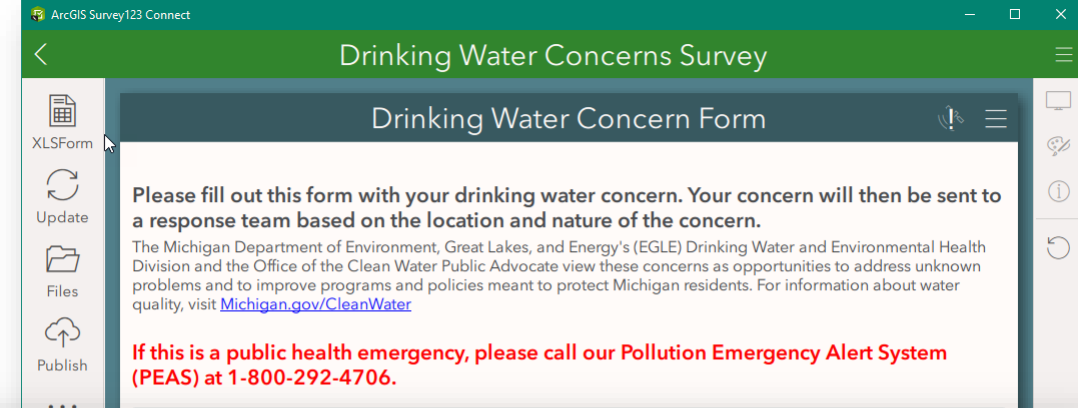
### About the location of the concern ▼

### About you ▼

Submit



# Submitting Drinking Water Concerns



AutoSave  Off Drinking Water Concerns Survey Search (Alt+Q) Berg, Kate (EGLE) Comments Share

File Home Insert Page Layout Formulas Data Review View Help Acrobat Table Design

M58

type	name	label	relevant	calculation	label: Español (es)	label: عربي
text	ConcernCity	<strong>City: </strong>	string-length(\${ConcernRecurring})>0	pulldata("@geopoint",\${DrinkingWaterConcernSurvey_point},"reversegeocode.address.City","https://utility.arcgis.com/usd/GeocodeServer")	<strong>Ciudad:</strong>	<strong>المدينة:</strong>
text	ConcernZip	<strong>Zip code:</strong>	string-length(\${ConcernRecurring})>0	pulldata("@geopoint",\${DrinkingWaterConcernSurvey_point},"reversegeocode.address.Postal","https://utility.arcgis.com/rd/GeocodeServer")	<strong>Código postal:</strong>	<strong>الرمز البريدي:</strong>
text	ConcernCounty	<strong>County:</strong>	string-length(\${ConcernRecurring})>0	pulldata("@geopoint",\${DrinkingWaterConcernSurvey_point},"reversegeocode.address.Subregion","https://utility.arcgis.com/rd/GeocodeServer")	<strong>Condado:</strong>	<strong>مقاطعة:</strong>
text	District	<strong>EGLE Drinking Water District</strong>	selected(\${ConcernSupply},'Public') or selected(\${ConcernSupply},'Unsure') and string-length(\${ConcernCounty})>0	pulldata('districts','district','county',\${ConcernCounty})	<strong>Distrito de agua potable del EGLE:</strong>	<strong>منطقة مياه الشرب التابعة لإدارة البيئة (EGLE) </strong>
text	LocalHealth	<strong>Local Health Department</strong>	selected(\${ConcernSupply},'Private') or selected(\${ConcernSupply},'NonCommunity') and string-length(\${ConcernCounty})>0	pulldata('localhealthdepartments','lhd','county',\${ConcernCounty})	<strong>Departamento de Salud local:</strong>	<strong>دائرة الصحة المحلية:</strong>
end group						
begin group	GroupSubmitter	About you			Sobre usted	معلومات عنك
select_one YesNo	Anonymous	<strong>Do you wish to remain anonymous?</strong>	string-length(\${ConcernCounty})>0		<strong>¿Desea permanecer anónimo?</strong>	<strong>هل تود أن تبقى مجهول الهوية؟</strong>

# Project Workflow



public concern is **submitted** and saved into a geographic information system (GIS)



concern is **linked** with correct **EGLE District** based on concern topic and location



concern is **emailed** to specific District staff



staff address concern and add **case notes** to original concern



staff **monitor** concerns and patterns



## About the location of the concern ▼

### Where is this concern located?\*

Use the search bar to type in an address, then select from the list of suggestions

Find address or place

W Allegan St

S Pine St

S Walnut St

S Sycamore St

W Washtenaw St

Esri Community Maps Contributors, Michigan State University, Province of Ontario, © O... Powered by Esri

Lat: 42.73193 Lon: -84.55944

**IMPORTANT:** The following address has been populated from your choice above. Please review it for accuracy. If it is not accurate, please re-enter you address into the searchbar in the map above.

#### Street address:

525 W Allegan St

#### City:

Lansing

#### Zip code:

48933

#### County:

Ingham County

#### EGLE Drinking Water District

*This is based on the county your concern is in. This helps your concern get to the right people. If you would like to follow up with your submission, remember your district number and contact the Environmental Assistance Center at [800-662-9278](tel:800-662-9278)*

District 12



- Name
- media
- Drinking Water Concern
- Drinking Water Concern
- Drinking Water Concern
- Drinking Water Concern
- Drinking Water Concern
- Drinking Water Concern
- forminfo.json
- thumbnail16337288411

districts

county	district
Alcona County	District 22
Alger County	District 82
Allegan County	District 52
Alpena County	District 72
Antrim County	District 74
Arenac County	District 21
Baraga County	District 81
Barry County	District 51
Bay County	District 21
Benzie County	District 71
Berrien County	District 53
Branch County	District 51
Calhoun County	District 54
Cass County	District 54

City:  
Lansing

Zip code:  
48933

County:  
Ingham County

**EGLE Drinking Water District**

*This is based on the county your concern is in. This helps your concern get to the right people. If you would like to follow up with your submission, remember your district number and contact the Environmental Assistance Center at [800-662-9278](tel:800-662-9278)*

District 12

label	relevant	calculation
<strong>EGLE Drinking Water District</strong>	selected({ConcernSupply},'Public') or selected({ConcernSupply},'Unsure') and string-length({ConcernCounty})>0	pulldata('districts','district','county',{ConcernCounty})

**pulldata('filename', 'field name of info to pull', 'field name of Survey123 A', \${name of Survey123 Q with A to lookup})**

# Project Workflow



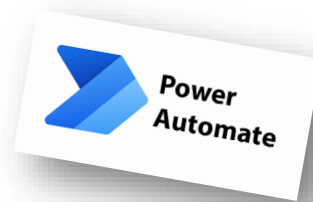
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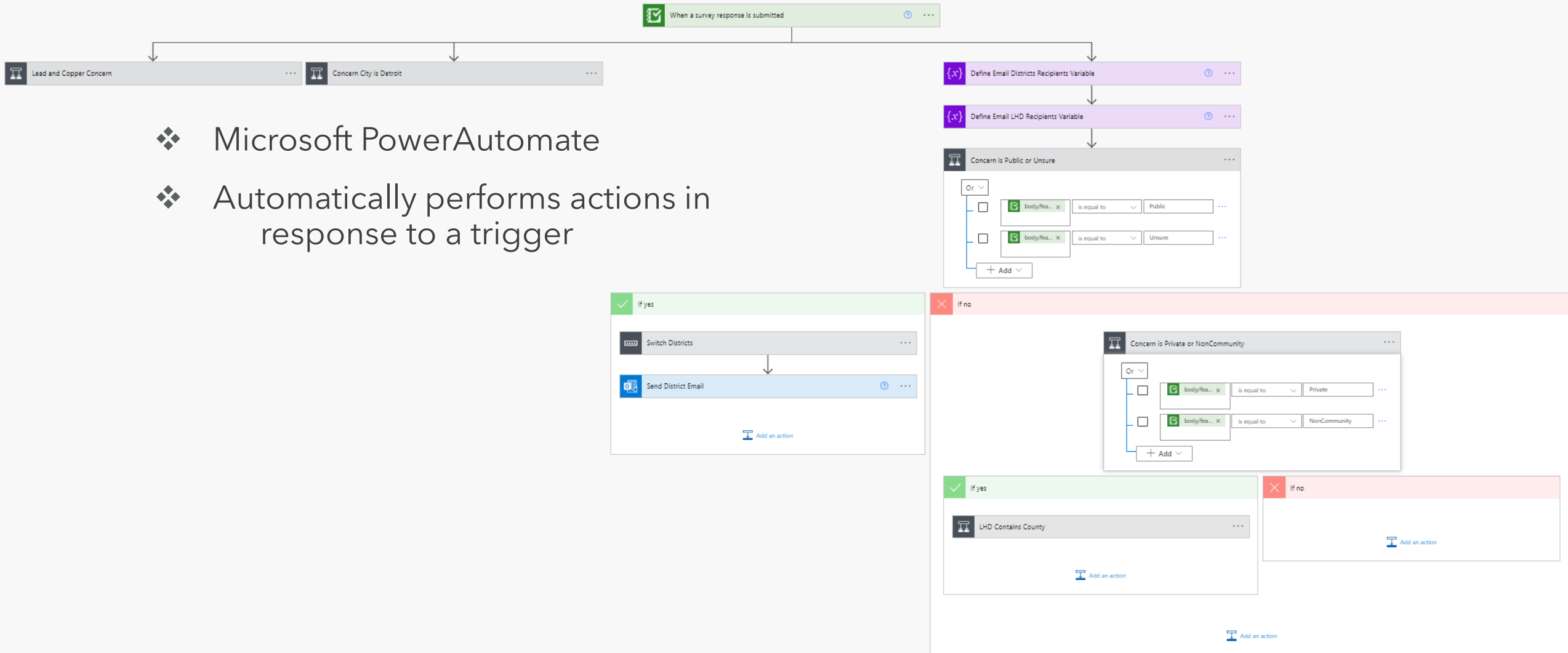


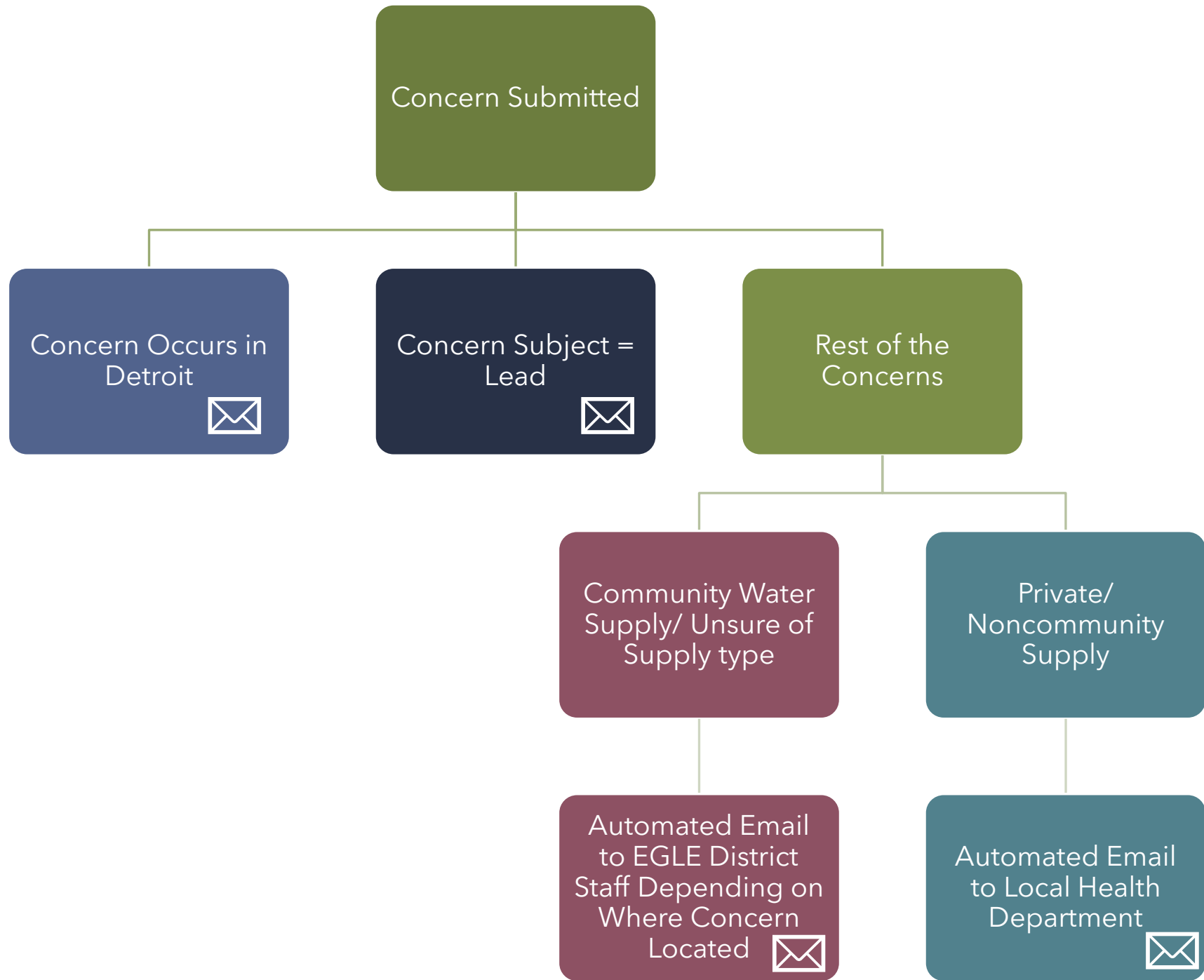


# Automatically Route Concerns to Appropriate Staff



- ❖ Microsoft PowerAutomate
- ❖ Automatically performs actions in response to a trigger







District 11

**Send District Email**

\*To: Email Recipients

\*Subject: New Concern submitted for [body/feature/a...]

\*Body: There has been a new Drinking Water Concern submitted for [body/feature/attributes/District]. View all concerns in the [Drinking Water Concern System Project Manager](#).

**CONCERN DETAILS**

- Supply: [body/feature/attributes/ConcernSupply]
- Subject: [body/feature/attributes/ConcernSubject]
- Subject details: [body/feature/attributes/ConcernSubjectATDetails]
- [body/feature/attributes/ConcernSubjectODetails]
- [body/feature/attributes/ConcernSubjectLeadCopperDetails]
- [body/feature/attributes/ConcernSubjectLeaksDetails]
- [body/feature/attributes/ConcernSubjectPLDetails]
- [body/feature/attributes/ConcernSubjectPFASDetails]
- [body/feature/attributes/ConcernSubjectPressureDetails]
- [body/feature/attributes/ConcernSubjectSafetyDetails]
- Lead service line (conditional question):**  
[body/feature/attributes/LeadServiceLine]
- Recurring: [body/feature/attributes/ConcernRecurring]
- Description: [body/feature/attributes/ConcernDescription]

District 12

\*Equals: District 12

**Set D12 Emails**

\*Name: Email Recipients

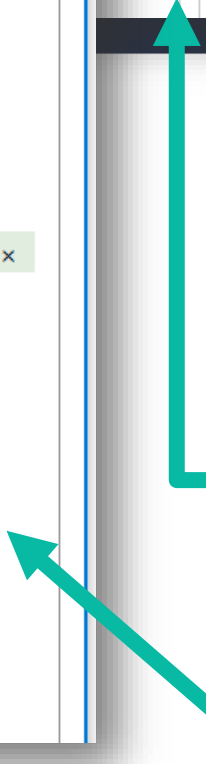
\*Value: [redacted]@michigan.gov;

Community Water Supply/ Unsure of Supply type

Private/ Noncommunity Supply

Automated Email to EGLE District Staff Depending on Where Concern Located

Automated Email to Local Health Department



# Project Workflow



public concern is **submitted** and saved into a geographic information system (GIS)



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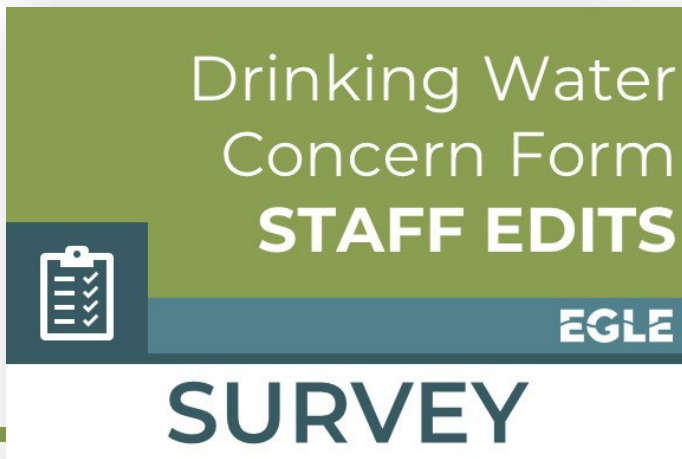
staff address concern and add **case notes** to original concern



staff **monitor** concerns and patterns



# Add Case Notes to Received Concerns



Drinking Water Concerns Survey

form_title	form_id	submission_url
Drinking Water Concern Form	DrinkingWaterConcernSurvey	<a href="https://egle.maps.arcgis.com/sharing/rest/content/items/">https://egle.maps.arcgis.com/sharing/rest/content/items/</a>

DWCS District Staff Edits

form_title	form_id	instance_name	submission_url	default_language	version
DWCF - District Staff Edits	DrinkingWaterConcernSurvey	if(selected({\$Status},"Unassigned"),concat("Status: ", "<font color=red>", {\$Status},"<font> ",concat (\${\$ConcernCity}," ", {\$District}, " ", {\$LocalHealth}, " /// Submitted by: ", {\$SubmitLastName}, " on ", format-date({\$DateSubmitted}, "%m-%d-%Y"), " Concern: ", {\$ConcernSubject})),concat("Status: ", "<font color=blue>", {\$Status},"<font> ",concat (\${\$ConcernCity}," ", {\$District}, " ", {\$LocalHealth}, " /// Submitted by: ", {\$SubmitLastName}, " on ", format-date({\$DateSubmitted}, "%m-%d-%Y"), " Assigned to: ", {\$ReferredTo})))	<a href="https://egle.maps.arcgis.com/sharing/rest/content/items/">https://egle.maps.arcgis.com/sharing/rest/content/items/</a>		



# Add Case Notes to Received Concerns

The image displays four sequential screenshots of the ArcGIS Survey123 mobile application interface, illustrating the steps to add case notes to a received concern.

- Screenshot 1:** Shows the 'My Survey123' screen. A card for 'Drinking Water Concern Form STAFF EDITS SURVEY' is visible, with 'DWCS District Staff Edits' listed below it.
- Screenshot 2:** Shows the 'Inbox' screen. A list of concerns is displayed, including details like 'Submitted by', 'Status: Open', and 'District'. A 'Collect' button is at the bottom.
- Screenshot 3:** Shows the 'About your concern' screen. It includes sections for 'About the location of the concern', 'About you', and 'EGLE Staff Edits'. The 'EGLE Staff Edits' section shows 'EGLE Staff Contact' as 'Kate Berg' and 'Concern status' as 'Open'.
- Screenshot 4:** Shows the 'Notes' section of the concern. A text box contains the note: 'Operator sent out 9/28/21 to perform a full system flush, hydro tank flush, and check on Cl2 and PO4 dosages.' The note is marked with a checkmark icon.

# Project Workflow



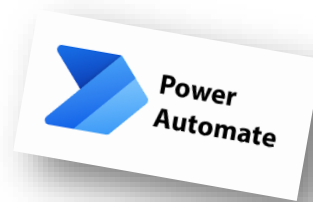
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staff **monitor** concerns and patterns



# Monitor Concerns and Understand Patterns

The screenshot displays the EGLE Drinking Water Concern Project Manager interface. The browser address bar shows the URL `storymaps.arcgis.com/collections/`. The page title is "Drinking Water Concern Project Manager". The navigation bar includes links for "Instructions", "Overview of Concerns", "Edit EXISTING Concerns", "Submit NEW Concerns", and "Training Video".

The main content area is titled "Online Drinking Water Concern Form Results" and includes the text "Office of the Clean Water Public Advocate". It features a "Filter by..." sidebar with the following sections:

- Status:** All, Closed, Open
- Supply Type:** All Supply Types
- County:** No category selected
- District:** All Districts
- Health Department:** All Health Departments
- Zip Code:** All Zip Codes
- Referred to:** No category selected
- Concern Subject:** All Subjects, Appearance/Taste, Lead/Copper, Leaks, Other, Permit/Licensing, PFAS, Pressure, Safety, Testing

The central panel shows a "Concern Subjects" donut chart with a tooltip and a "Recently Submitted Concerns" list. The right side of the interface includes a map of the United States with a heatmap overlay, and a "Submission Details" panel for a selected concern, showing fields like "Supply", "Concern Subject", "LeadServiceLine", "ConcernDescription", "ConcernDate", "ConcernLocals", "ConcernRecurring", "ConcernAddressL1", "ConcernAddressL2", "ConcernCity", "ConcernCounty", "District", "SubmitContact", "Anonymous", and "SubmitFirstName".

The EGLE logo is visible at the bottom center of the image.



# Project Workflow

**Website**

public concern is **submitted** and saved into a geographic information system (GIS)



**(Background)**

concern is **linked** with correct **EGLE District** based on concern topic and location



**(Background)**

concern is **emailed** to specific District staff



**Desktop Software (Mobile App)**

staff address concern and add **case notes** to original concern

**Website**

staff **monitor** concerns and patterns

## Install Survey123 for Desktop (Drinking Water Concern Form)

### 1. Open Software Center

Locate and open the Software Center application on your computer. If do not know where it is, use the search function on your task bar (or click the magnifying glass icon) and simply type "Software Center".

### 2. Install Survey123

Within Software Center, use the search function and type in "Survey123". Select "Survey123 for ArcGIS" to get to the application details screen; then click the blue install button. Follow the instructions on the screen.

**NOTE:** Two applications may appear in your search results - do NOT download "Survey123 Connect for ArcGIS".

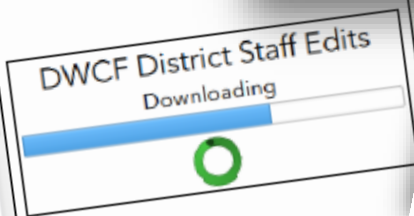
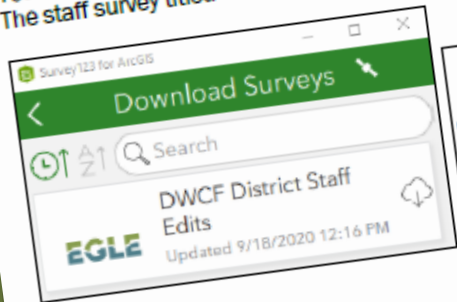
### 3. Open Survey123

Once installed, locate and open Survey123. You may see the program as a small, rectangular window; you can resize this or maximize the screen if you want.

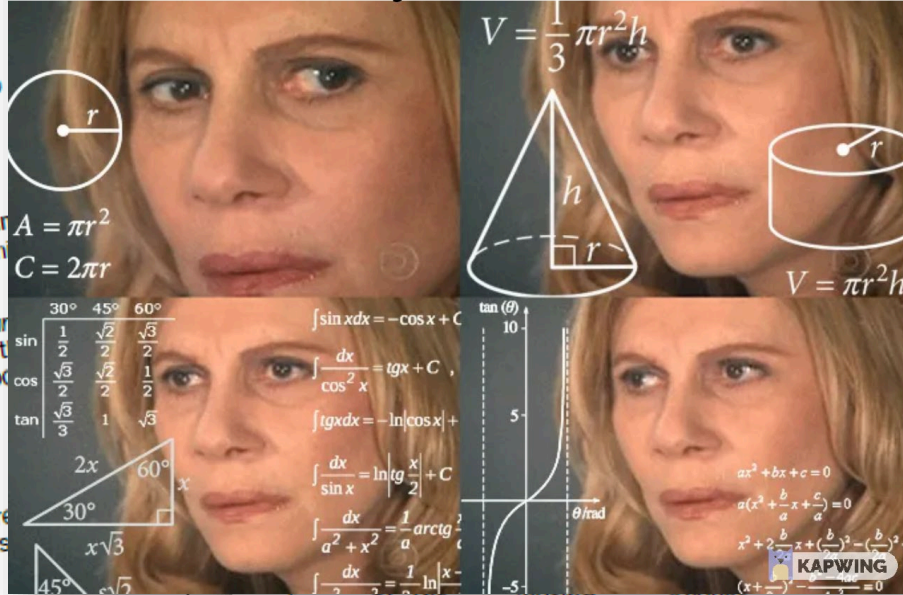
**NOTE:** You may get an "Unable to connect position source" error when first opening the program - disregard this error. This simply refers to the application's ability to pinpoint your location - click 'Ok'.

### 4. Download Staff Edits Survey

You should see a message, "No surveys on device" followed by a green button. The staff survey titled "DWCF District Staff Edits" should appear as

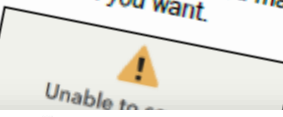


## Staff trying to access Survey123 Inbox



### 1. Open Staff Edits Survey

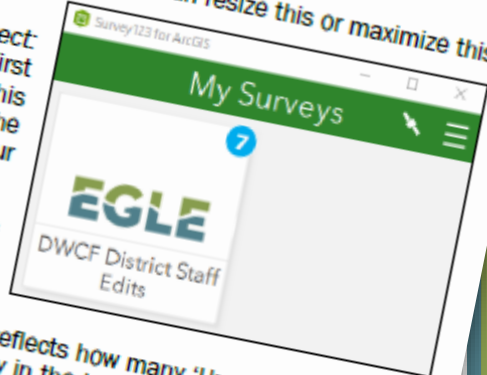
Open Survey123. You may see the program as a small, rectangular window; you can resize this or maximize the screen if you want.



**NOTE:** You may get an "Unable to connect" error when first opening the program - disregard this error. This simply refers to the application's ability to pinpoint your location - click 'Ok'.

## Making Edits within the Survey123 App (Drinking Water Concern Form)

You may get an "Unable to connect" error when first opening the program - disregard this error. This simply refers to the application's ability to pinpoint your location - click 'Ok'.



DWCF District Staff Edits Survey123 for Desktop

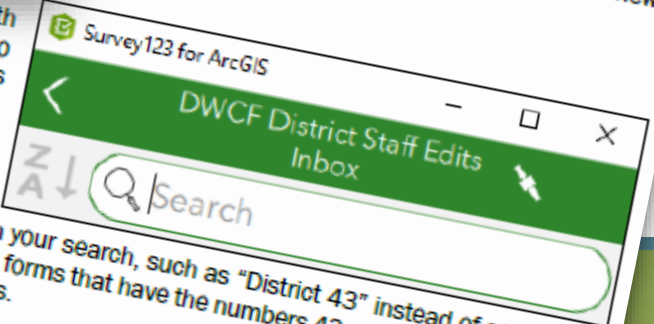
of the thumbnail; this reflects how many 'Unassigned' / 'Open' surveys. Click on the survey in the home screen of the program to

options; "Collect" and "Inbox". To edit submitted concern forms, the status field set to 'Unassigned' (the default value for new



by District. While typing your search criteria, you'll notice the list of available concern forms grow smaller.

**NOTE:** It's best practice to use the word District in your search, such as "District 43" instead of searching by "43" alone - this will turn up submitted concern forms that have the numbers 43 anywhere such as the phone number, address, or email fields.





This workflow is good...

But it could be better!

# Project Workflow

ware  
pp)



Website

staff **monitor**  
concerns and  
patterns

ss  
add  
to  
ern



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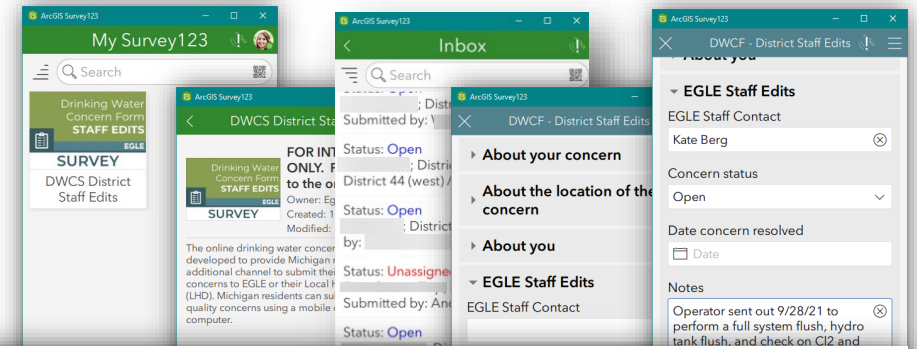
# Updated Project Workflow



staff address concern and add **case notes** to original concern



staff **monitor** concerns and patterns



# How To: Embed a survey form and edit existing data from ArcGIS Survey123 in ArcGIS Dashboards

## Summary

ArcGIS Dashboards supports embedded content in dashboard elements. The content may vary from images and videos, to website pages and more. Embedding surveys from ArcGIS Survey123 combines the visual appeal and understanding of Dashboards with real-time data editing and response.

This article describes how to embed a survey form from ArcGIS Survey123 in ArcGIS Dashboards, and customize the form to edit existing data.



DWCF - Staff Edits Dashboard

egle.maps.arcgis.com/apps/dashboards/

### Filter Concerns:

Status  
Closed Open

Referred To  
All Staff

District  
All Districts

Local Health Department  
All Departments

County  
All Counties

Concern Subject  
Appearance/Taste Safety Testing

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA  
Columbus Pittsburgh New  
Powered by Esri

### Select a Concern:

- Open
- Open
- Open
- Open
- Open
- Open
- Open
- Open

Last update: a few seconds ago

### Edit Concern Form:

Selection required on one or more elements

**Dashboard**

**List Widget (Unselected)**

**Survey123 Embedded Widget within Dashboard**



DWCF - Staff Edits Dashboard

egle.maps.arcgis.com/apps/dashboards/

### Filter Concerns:

Status  
Closed Open

Referred To  
All Staff

District  
All Districts

Local Health Department  
All Departments

County  
All Counties

Concern Subject  
Appearance/Taste Safety Testing

Esri Community Maps Contributors, Province of Ontario, Oakland County, ... Powered by Esri

### Select a Concern:

Referred to: [Redacted] County Open

Date Submitted: 2022-1

### Dashboard

### Edit Concern Form:

About the location of the concern

About you

## Survey123 Embedded Widget within Dashboard

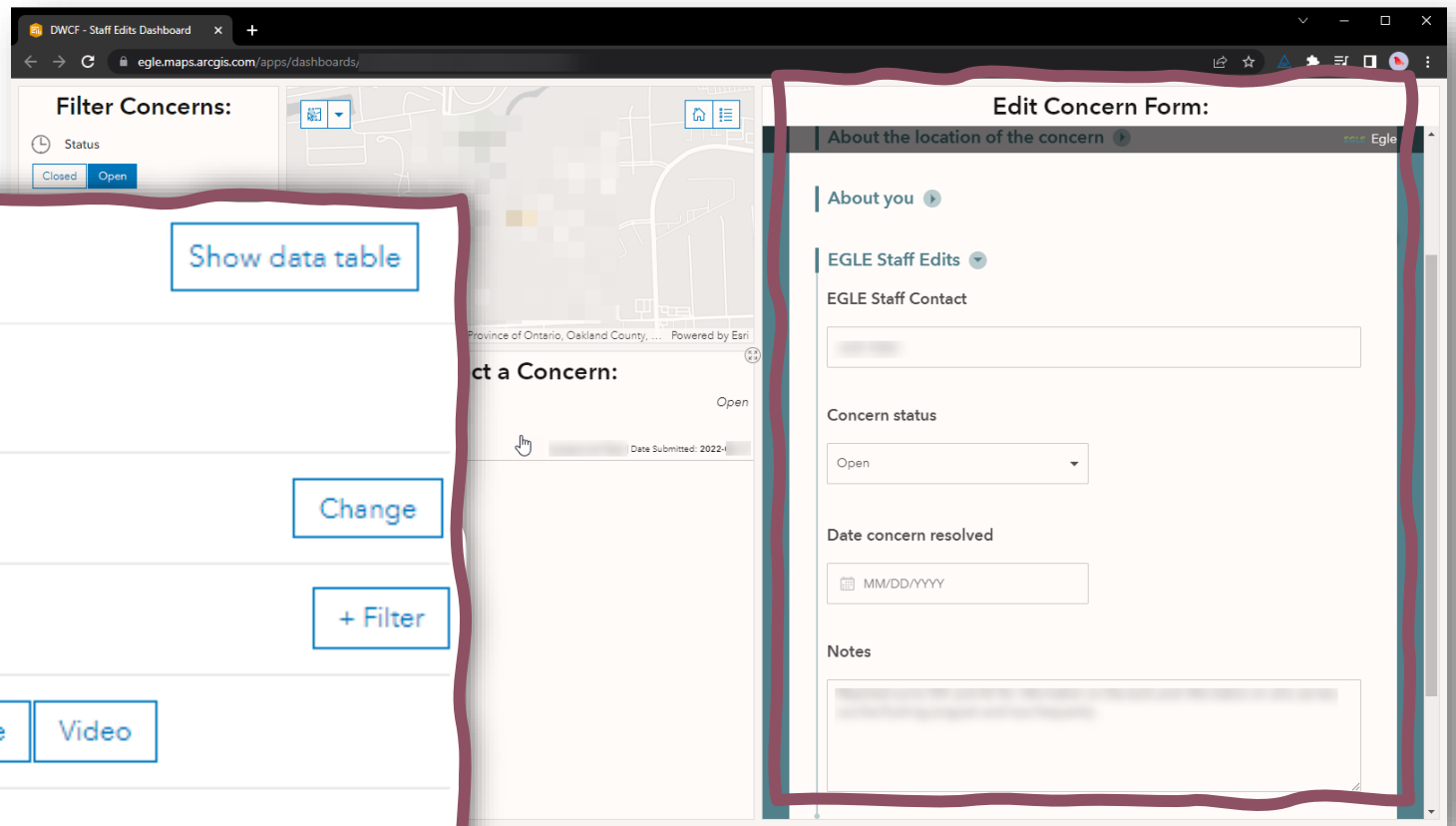
EGLE Staff Edits

EGLE Staff Contact

Concern status  
Open

Date concern resolved  
MM/DD/YYYY

Notes



**Data options** Show data table

**General**

Type: Static Features

Layer: RenewMI Projects Change

Filter + Filter

Content Type: Document Image Video

URL: b4402bcec4bad9f703ae95840528e?mode=edit&globalId={globalid}&version=latest

Maximum features displayed:

Sort by Add field

**Survey123 Embedded Widget Settings**

Survey123 URL +  
?mode=edit&  
globalId={globalid}  
&version=latest





Download  
Survey123  
app



Embed  
Survey123 in  
a Dashboard

# Updated Project Workflow



staff address  
concern and add  
**case notes** to  
original concern



staff **monitor**  
concerns and  
patterns

# Project Workflow



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staff **monitor** concerns and patterns



Collection

# Drinking Water Concern Project Manager

A collection of items related to the Drinking Water Concern System.

For internal use only.

[Get started](#)



1 Instructions



2 Overview of Concerns



3 Edit EXISTING Concerns



4 Submit NEW Concerns



5 Training Video



# What are ArcGIS StoryMap Collections?



# What are ArcGIS StoryMaps?



***“Transform your digital storytelling with custom maps.”***

ArcGIS StoryMaps helps you tell remarkable stories with custom maps that inform and inspire.

Use our simple map maker to create custom maps to enhance your digital storytelling. Or **add text, photos, and videos** to your existing ArcGIS web maps and web scenes to **create an interactive narrative** that's easy to publish and share.

<https://www.esri.com/en-us/arcgis/products/arcgis-storymaps/overview>

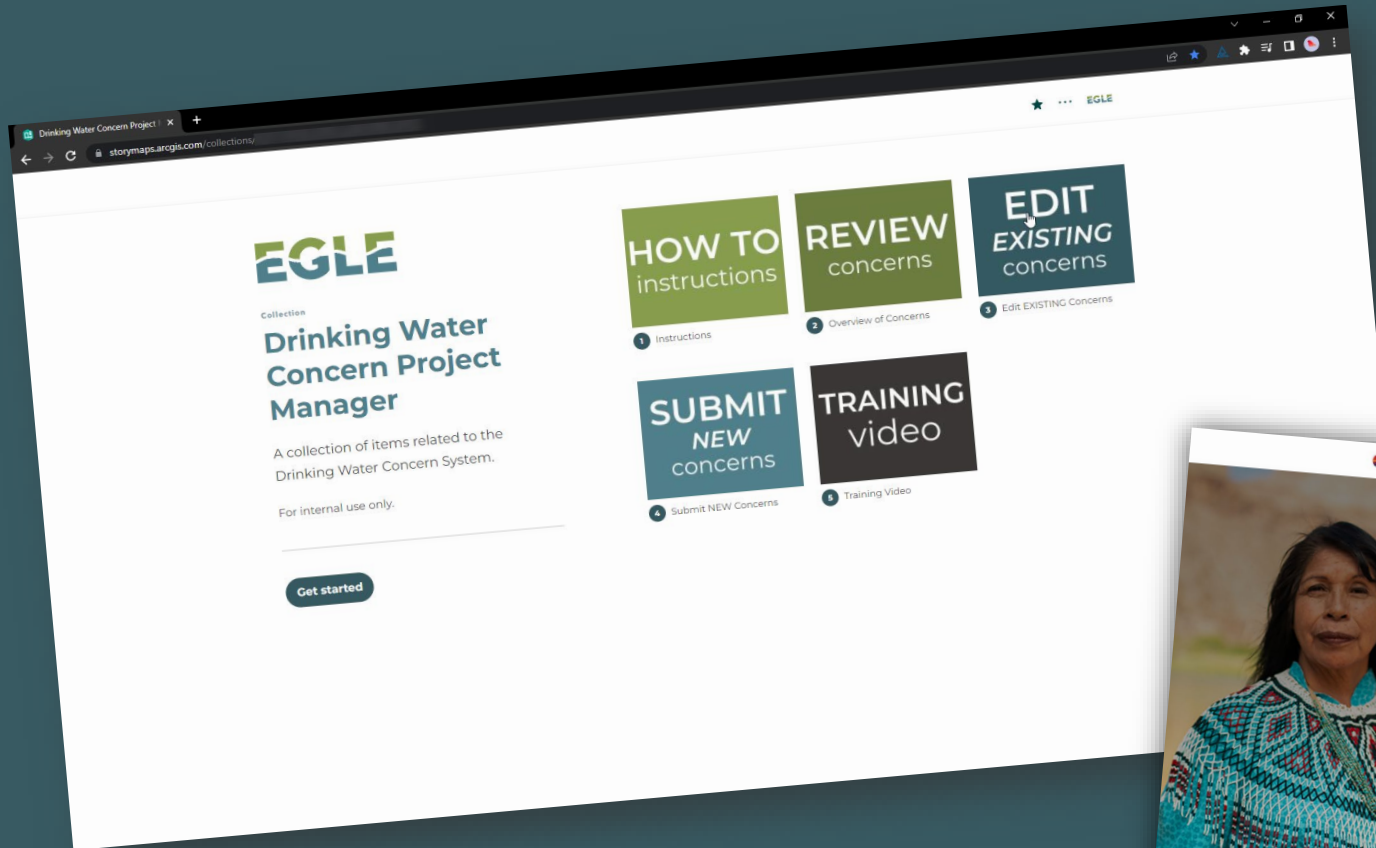


# What are ArcGIS StoryMap Collections?

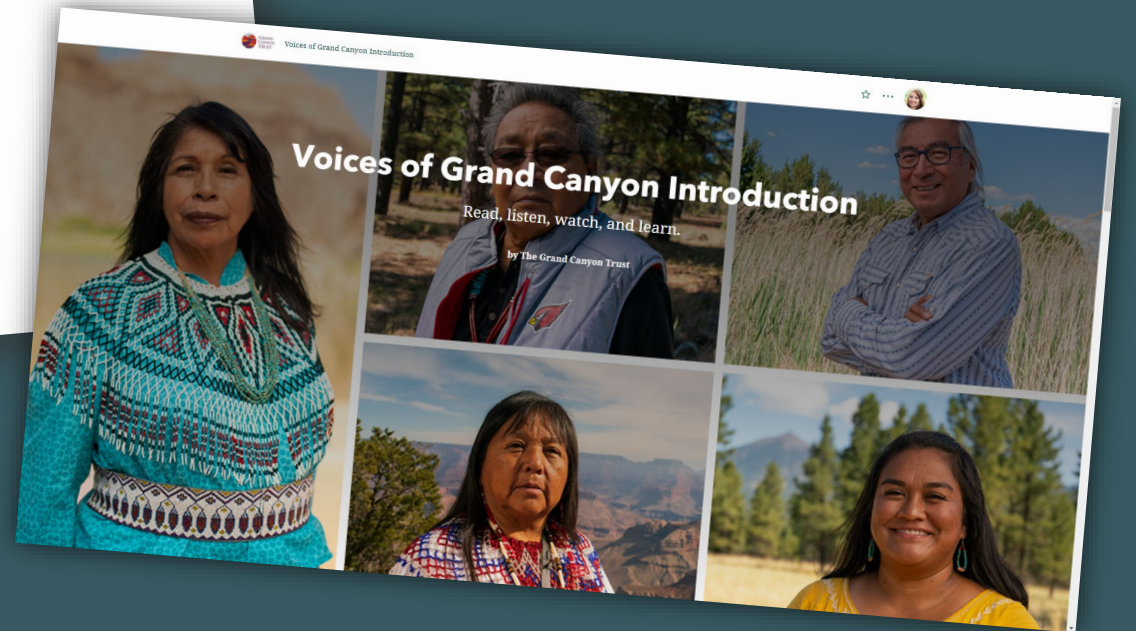
- ❖ Feature introduced August 2019 by Esri StoryMaps team
- ❖ Way to quickly group StoryMaps together as one organized cluster
- ❖ Can group more than StoryMaps!:
  - ❖ Configurable apps
  - ❖ ArcGIS Experience Builder, Insights, Dashboards, Web AppBuilder, etc.
  - ❖ Files (e.g. images, PDFs, etc.) uploaded to ArcGIS Online
  - ❖ Any URLs



# What are ArcGIS StoryMap Collections?



DEMO



[arcg.is/1LLGbX](https://arcg.is/1LLGbX)



Collection

# Drinking Water Concern Project Manager

A collection of items related to the Drinking Water Concern System.

For internal use only.

[Get started](#)



1 Instructions



2 Overview of Concerns



3 Edit EXISTING Concerns



4 Submit NEW Concerns



5 Training Video





MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Welcome to the Drinking Water Concern Project Manager

This document serves as an overview of the features of the new Drinking Water Concern Project Manager system, a new browser-based solution for reviewing, editing, and submitting to the Drinking Water Concern Form. This new system will serve as your one-stop-shop for all

# Online Drinking Water Concern Form Results

Office of the Clean Water Public Advocate

### Filter by...

**Status**  
All Closed Open

**Supply Type**  
All Supply Types

**County**  
No category selected

**District**  
All Districts

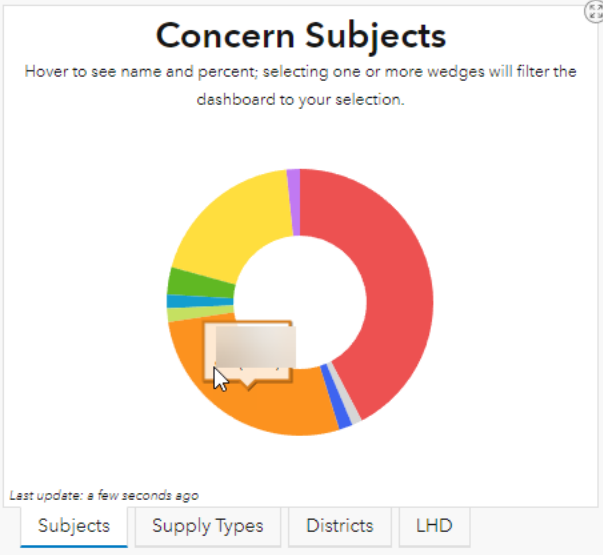
**Health Department**  
All Health Departments

**Zip Code**  
All Zip Codes

**Referred to:**  
No category selected

**Concern Subject:**

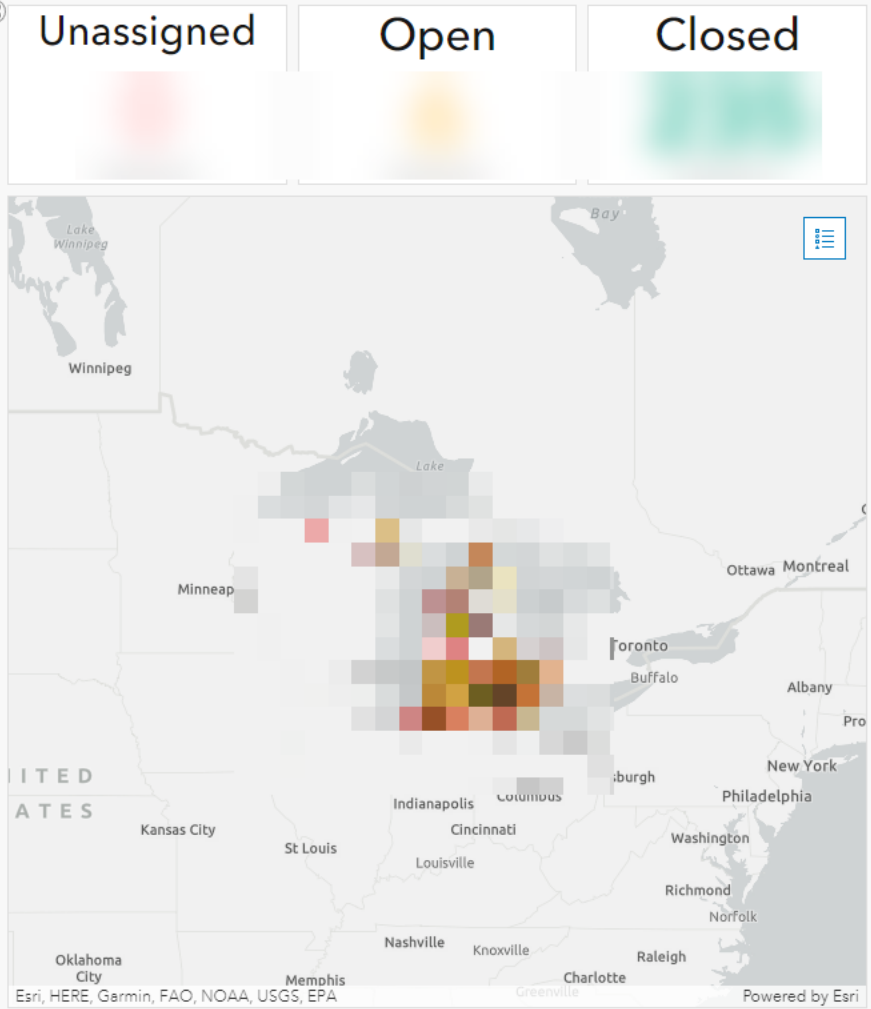
All Subjects Appearance/Taste  
Lead/Copper Leaks Other  
Permit/Licensing PFAS Pressure  
Safety Testing



### Recently Submitted Concerns

◆	...
●	...
●	...

Last update: a few seconds ago



1 of 241

### Submission Details

(most recent shown first)

Supply	...
Concern Subject	...
LeadServiceLine	...
ConcernDescription	...
ConcernDate	...
ConcernLocals	...
ConcernRecurring	...
ConcernAddressL1	...
ConcernAddressL2	...
ConcernCity	...
ConcernCounty	...
District	...
SubmitContact	...
Anonymous	...
SubmitFirstName	...

Last update: a few seconds ago

### Filter Concerns:

Status

Referred To  
 All Staff

District  
 All Districts

Local Health Department  
 All Departments

County  
 All Counties

Concern Subject



### Select a Concern:

Referred to: [Redacted] County  
 [Redacted] | Date Submitted: 2022 [Redacted]

[Open](#)

Last update: a few seconds ago

## Edit Concern Form:

EGLE Staff Edits

EGLE Staff Contact

Concern status

Date concern resolved

Notes

### Drinking Water Concern Form

#### Michigan Department of Environment, Great Lakes, and Energy


**Please fill out this form with your drinking water concern. Your concern will then be sent to a response team based on the location and nature of the concern.**




The Michigan Department of Environment, Great Lakes, and Energy's (EGLE) Drinking Water and Environmental Health Division and the Office of the Clean Water Public Advocate view these concerns as opportunities to address unknown problems and to improve programs and policies meant to protect Michigan residents. For information about water quality, visit [Michigan.gov/CleanWater](http://Michigan.gov/CleanWater)

**If this is a public health emergency, please call our Pollution Emergency Alert System (PEAS) at 1-800-292-4706.**

#### About your concern

This concern is about a...\*

-Please Select- 

- Private Individual Well (private residential well) 
- Community Water Supply (local water department) 
- Noncommunity Water Supply (well water for a business, schools, daycares, industries, etc.) 

## Training: New Drinking Water Concern "Project Manager" System



Microsoft Teams

# TRAINING: New Drinking Water Concern "Project Manager" System



Recorded by

Organized by

Channel

Tech Support



Collection

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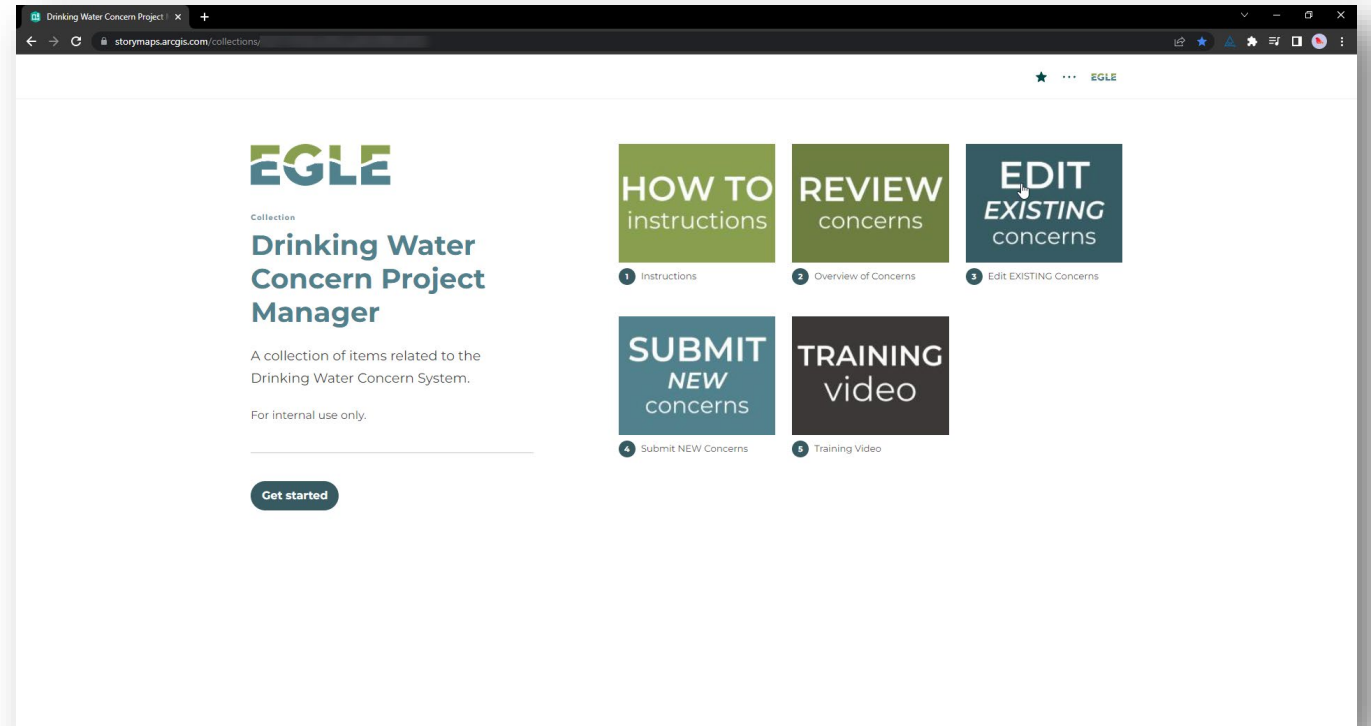


5 Training Video



# Create Your Own Collection!

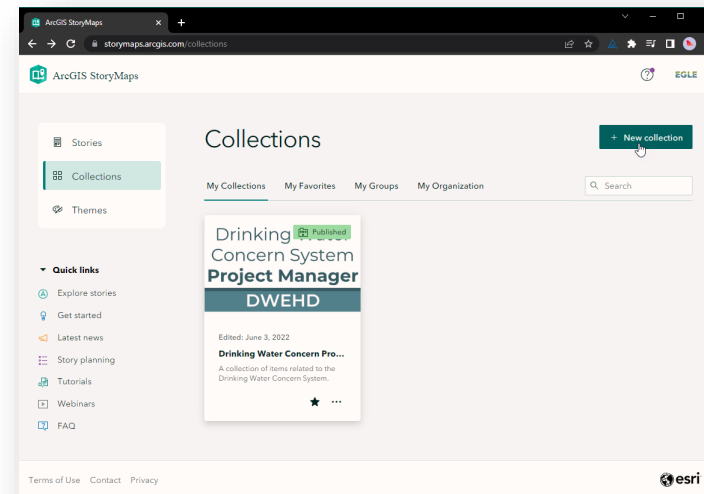
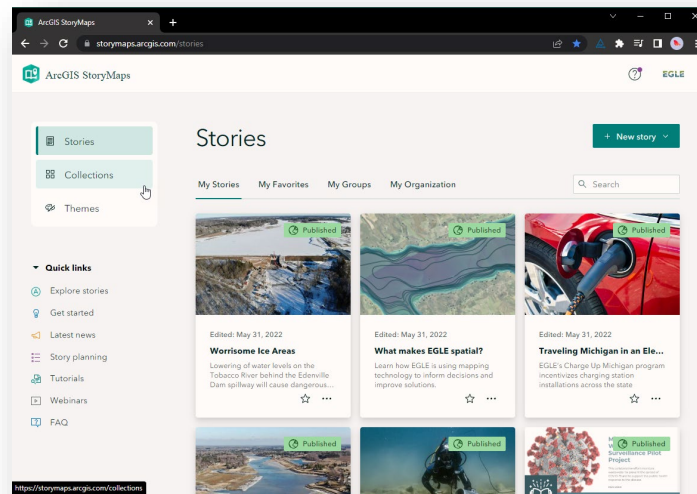
# DEMO





# Create Your Own Collection!

- ❖ Go to [storymaps.arcgis.com](https://storymaps.arcgis.com)
- ❖ Click on “Collections” tab (top left)
- ❖ Click “+ New collection” (top right)







Draft

Saved

Design

Preview

Publish



COLLECTION

# Untitled collection

Give this collection a short description (optional)

Kate Berg

## Design

Change the look of your collection

### Layout



### Navigation

Select the navigation style you want to use for this collection



## Theme

Changes to themes are automatically applied to your story. [Manage my themes](#)

Summit

Obsidian

Ridgeline

Mesa

Tidal

Slate

EGLE Blue Th... De

[Browse themes](#)

Logo



Add to collection

ArcGIS content

Embed

Add to collection



Collection

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public concern is **submitted** and saved into a geographic information system (GIS)



concern is **linked** with correct **EGLE District** based on concern topic and location



concern is **emailed** to specific District staff



# Current Project Workflow



staff address concern and add **case notes** to original concern



staff **monitor** concerns and patterns

# ARCGIS STORYMAP COLLECTIONS TIPS & TRICKS



Add to collection ✕

My Content My Favorites My Groups My Organization Living Atlas

Stories Apps Files

**Michigan PFAS Sites**  
Edited: October 27, 2021  
Find confirmed PFAS sites throughout Michigan and learn more about each investigation.  
MDEQESRI\_AGOL

**Regulated Concentrated Animal F...**  
Edited: October 25, 2021  
This web map features regulated Concentrated Animal Feeding Operations (CAFOs) in Michigan. These are large-scale industrial facilities for...  
EgleAdmin

**Michigan IPP WWTP PFAS Status**  
Edited: October 22, 2021

**Michigan Water Infrastructure Fin...**  
Edited: October 6, 2021  
Learn general information about projects funded through the Clean Water State Revolving Fund and...  
Part 315 regulated dams and Part 203 local-level development...

**6 items selected**

**Household Drug Takeback Locatio...**  
Edited: September 28, 2021  
Find take back locations for unwanted household medications.

Cancel

6 items selected | Clear selection



# You can add up to 60 items to a Collection



EGLE Drinking Water Concern Project Manager

Instructions Overview of Concerns Edit EXISTING Concerns Submit NEW Concerns

**EGLE** MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

## Welcome to the Drinking Water Concern Project Manager

This document serves as an overview of the features of the new Drinking Water Concern Project Manager system, a new browser-based solution for reviewing, editing, and submitting to the Drinking Water Concern Form. This new system will serve as your one-stop-shop for all Drinking Water Concerns!

The Drinking Water Concern Project Manager is NOT currently recommended for mobile devices or tablets. **Questions and functionality recommendations should be directed to the Teams space** (see Communications section below).

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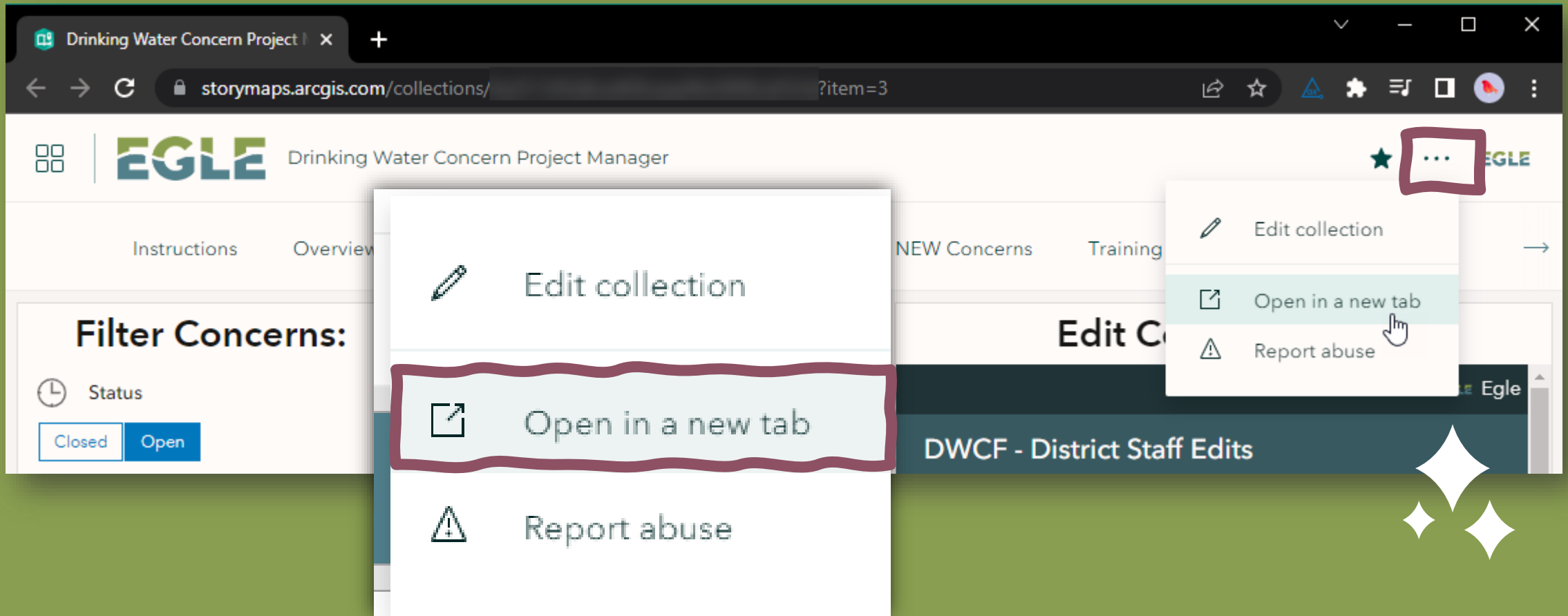
# Upload contextual info as the first Collection item



***?item=[number]***

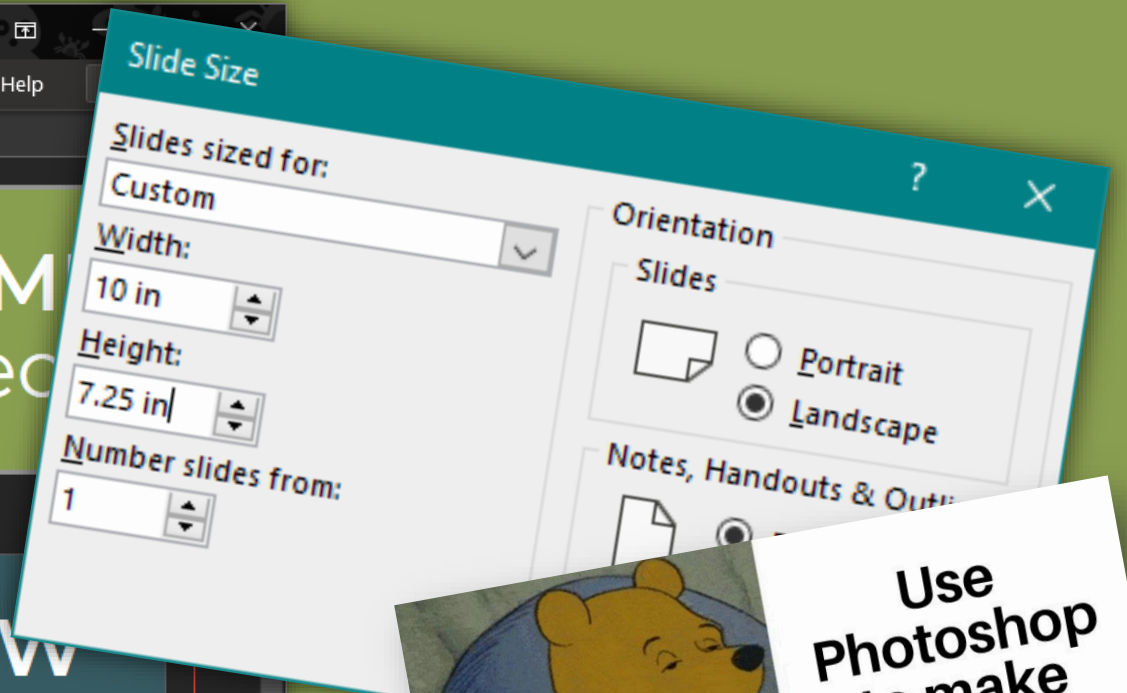
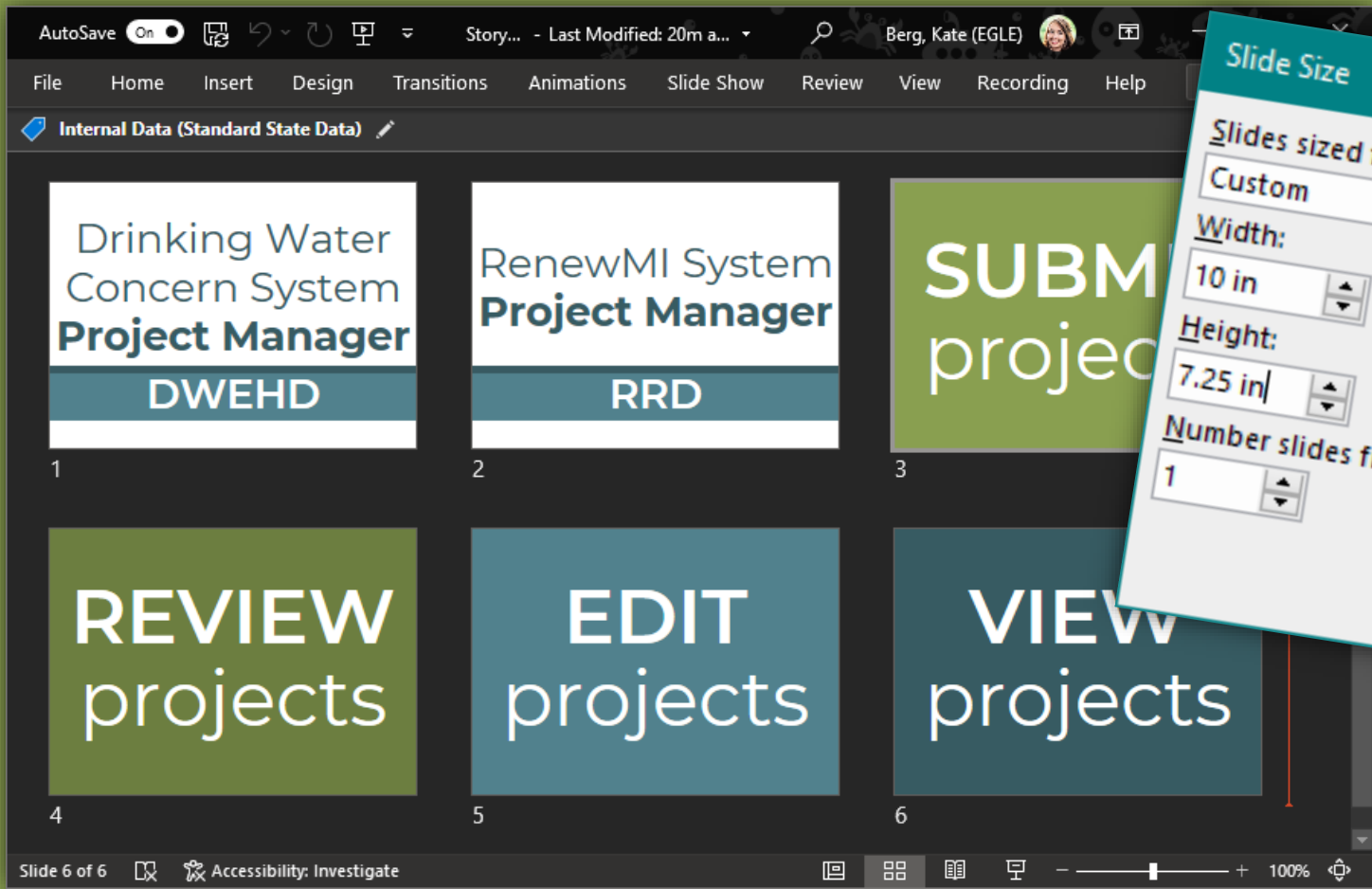
**Link to a specific Collection page**

---



**Open Collection content in new tab**





# Use PowerPoint to make Collection thumbnails



# Outline

STREAMLINING  
PROJECT WORKFLOWS  
THAT INVOLVE MULTIPLE  
ESRI  
APPLICATIONS



## 1. Streamlining the Drinking Water Concern System



## 2. What are StoryMap Collections? And how to Create Your Own!

## 3. StoryMap Collections Tips and Tricks!

EGLE Maps & Data Hub  
Site:

[gis-egle.hub.arcgis.com](https://gis-egle.hub.arcgis.com)



EGLE Maps & Data  
Updates Newsletter:

[bit.ly/39rZaWR](https://bit.ly/39rZaWR)

MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

**Kate Berg**

Lead GIS Analyst

[BergK3@Michigan.gov](mailto:BergK3@Michigan.gov)



[pokateomaps.com](https://pokateomaps.com)



[bergkaten](#)



[@pokateo\\_](#)



[@pokateo\\_maps](#)