



NWCG

Geographic Information Management – Using the National Incident Feature Service, Approval Workflow

Workflow for using the National Incident Feature Service with the Approval Workflow templates

Introduction

Prerequisites:

- Must have an account and GISS role in the NIFC ArcGIS Online Organization
 - Request an account here:
https://docs.google.com/forms/d/e/1FAIpQLSdYM5TnbcnKUGiUSb98x1LpBcKfhclx0Hu-UtsG_82Cjlx7fw/viewform
- Must have GISS role in EGP
 - Request one here: <https://egp.nwccg.gov/egp/RequestAccount.aspx>
- Must read and understand the NIFC Org Rules of Behavior found [here](#)



Introduction

- **Workflow summary:**

- Use the National Incident Feature Service Approval Series Templates to create and share:

- Web map for use in field data collection,
- Web map (and optional web app) to allow SITL to approve features
- Web map (and optional web app) for viewing with only Approved features visible

- Edit event data in ArcMap or ArcGIS Pro

- Sync edits

- **To use this workflow for Training:**

- ~~Request an EGP account for the Test environment [here](#) **NEW!** Separate training account no longer needed!~~

- Use web map templates found in the [Training Resources Group](#)



Introduction

- ***What's New*** in the National Incident Feature Services
 - Update to Event Line
 - Completed line is now Contained Line to match how most IMTs use this data
- ***What was new in 2019*** ([details here](#))
 - Additional Feature Classes
 - Accountable Property, Structure Triage, Label Point
 - Updates to the Event Point/Line/Polygon feature classes
 - Additional Field Categories, additional fields in point and line feature classes
 - Updates to the National Incident Feature Services hosted by EGP
 - Creation of *Collector Edit, View, and Repair* services to improve Collector workflow and better manage what edits can be made in the field
 - Creation of services for Structure Triage feature classes for View in Collector and Edit by GISS
 - Structure Triage and Accountable Property Survey123 templates

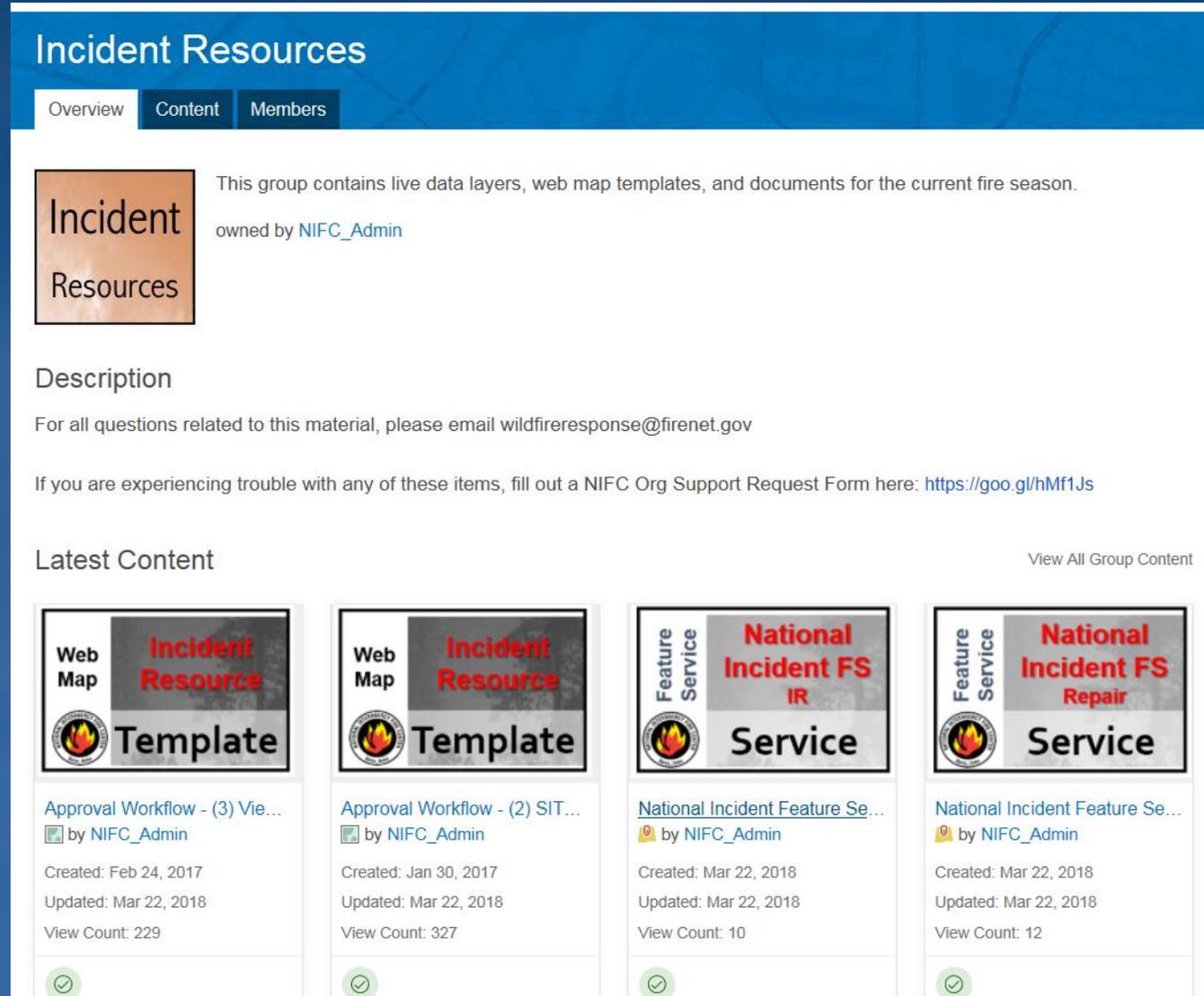


Approval Workflow

- All templates are found in the Incident Resources Group
- This group can be accessed from the NIFC Org Home page:

<http://nifc.maps.arcgis.com/home/index.html>

For training use templates in [Training Resources Group](#)



Incident Resources

Overview Content Members

This group contains live data layers, web map templates, and documents for the current fire season.
owned by NIFC_Admin

Incident Resources

Description

For all questions related to this material, please email wildfireresponse@firenet.gov

If you are experiencing trouble with any of these items, fill out a NIFC Org Support Request Form here: <https://goo.gl/hMf1Js>

Latest Content View All Group Content

Item Name	Created	Updated	View Count
Approval Workflow - (3) Vie... by NIFC_Admin	Feb 24, 2017	Mar 22, 2018	229
Approval Workflow - (2) SIT... by NIFC_Admin	Jan 30, 2017	Mar 22, 2018	327
National Incident Feature Se... by NIFC_Admin	Mar 22, 2018	Mar 22, 2018	10
National Incident Feature Se... by NIFC_Admin	Mar 22, 2018	Mar 22, 2018	12

<http://nifc.maps.arcgis.com/home/group.html?id=95039f28d39840c6a8e4364c983db99b#overview>

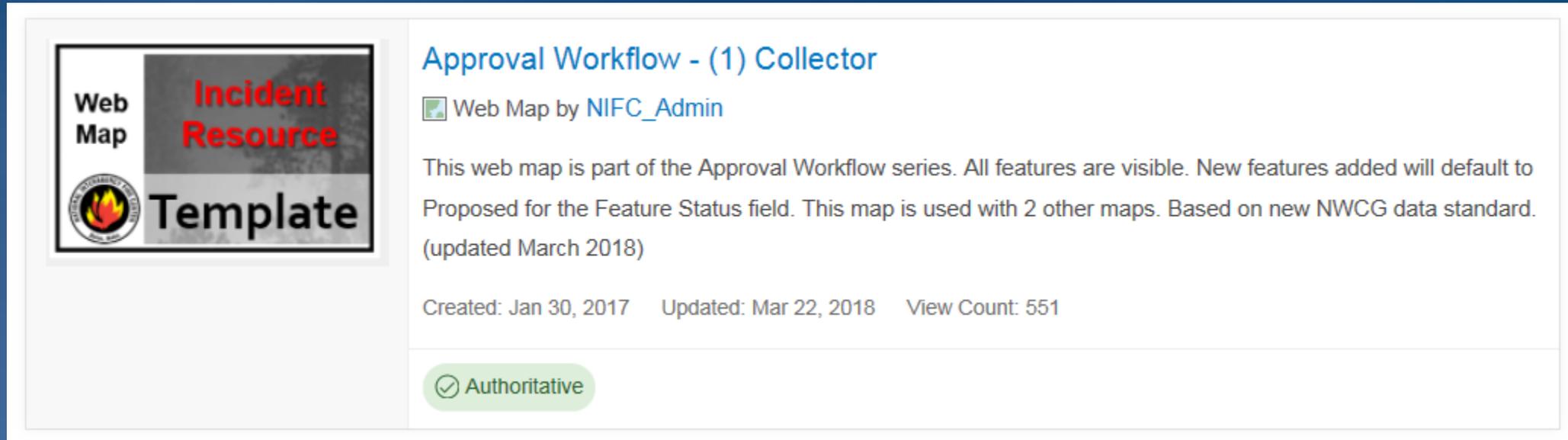


Approval Workflow: Collector Map



Approval Workflow

- Create a Collector Map for Field Users to take offline



The screenshot shows a metadata page for a web map. On the left is a thumbnail image with the text 'Web Map Incident Resource Template' and a logo. To the right, the title is 'Approval Workflow - (1) Collector'. Below the title is a small icon and the text 'Web Map by NIFC_Admin'. A paragraph of text describes the map as part of the Approval Workflow series, mentioning feature status and NWCG data standards. At the bottom, it shows creation and update dates (Jan 30, 2017 and Mar 22, 2018) and a view count of 551. A green 'Authoritative' badge is visible at the bottom of the metadata section.

Web Map **Incident Resource** **Template**

Approval Workflow - (1) Collector

Web Map by NIFC_Admin

This web map is part of the Approval Workflow series. All features are visible. New features added will default to Proposed for the Feature Status field. This map is used with 2 other maps. Based on new NWCG data standard. (updated March 2018)

Created: Jan 30, 2017 Updated: Mar 22, 2018 View Count: 551

Authoritative

Layers in this web map:

Photo Point
Collector Edit
Collector View
Collector Repair
Structure Triage
IR View



Approval Workflow - Collector

- From the Item Details page, open template in Map Viewer

The screenshot shows the ArcGIS Item Details page for a web map titled "Approval Workflow - (1) Collector". The page has a blue header with the title and an edit icon. Below the header, there are three tabs: "Overview", "Usage", and "Settings". The main content area is white and contains a thumbnail of the web map, a description, and a list of actions. The thumbnail is titled "Web Map Incident Resource Template" and has an "Add to Favorites" button below it. The description states: "This web map is part of the Approval Workflow series. All features are visible. New features added will default to Proposed for the Feature Status field. This map is used with 2 other maps. Based on new NWCG data standard. (updated March 2019)". Below the description, it says "Web Map by NIFC_Admin" and "Created: Mar 25, 2019 Updated: Mar 25, 2019 View Count: 0". On the right side, there is a vertical list of actions: "Open in Map Viewer", "Open in ArcGIS Desktop", "Create Presentation", "Create Web App", and "Share". The "Open in Map Viewer" button is highlighted with a red border.

Approval Workflow - (1) Collector

Overview Usage Settings

Edit Thumbnail

Web Map Incident Resource Template

☆ Add to Favorites

Description Edit

This web map is part of the Approval Workflow series. All features are visible. New features added will default to Proposed for the Feature Status field. This map is used with 2 other maps. Based on new NWCG data standard. (updated March 2019)

Web Map by [NIFC_Admin](#)

Created: Mar 25, 2019 Updated: Mar 25, 2019 View Count: 0

Open in Map Viewer

Open in ArcGIS Desktop

Create Presentation

Create Web App

Share



Approval Workflow - Collector

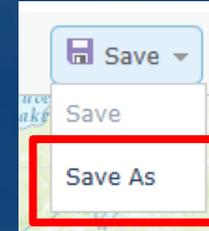
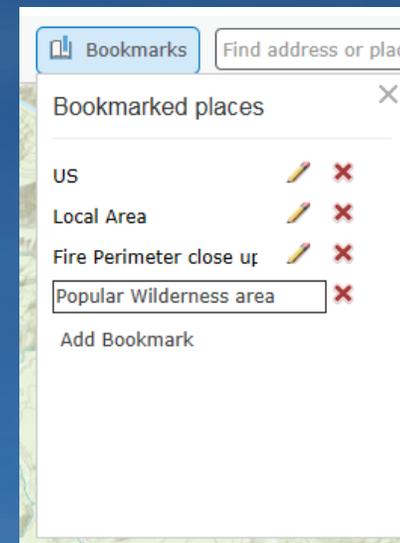
- Web map template

The screenshot displays the ArcGIS Collector web map interface. The title bar reads "Home ▾ Approval Workflow - (1) Collector". The top navigation bar includes "Details", "Add", "Edit", and "Basemap". The right side of the top bar contains "Save", "Share", "Print", "Measure", and "Bookmarks". On the left, a sidebar shows "About", "Content", and "Legend". The "Contents" panel lists several layers with checkboxes: "Photo Point TEMPLATE", "Label Point", "Structure Triage", "Accountable Property", "Point - Edit", "Point - Repair", "Point - View", "IR Points - View", "Line - Edit", "Line - View", "IR Line - View", "Polygon - Edit", "Polygon - View", "IR Polygon - View", and "Topographic". The main map area shows a topographic map with a large red-shaded polygon boundary. Various data points are visible, including blue circles with letters (W, WX, C, R, S, H) and black dots. Labels for "Div P", "Div Q", "Div T", and "Div O" are present on the map. The map also shows geographical features like "Sawtooth National Forest", "Sun Valley", "Ketchum", and "The Valley".



Approval Workflow - Collector

- In the web map:
 - First, and most important: **SAVE AS**
 - Save your web map with the date and Collector in the title
 - Set location bookmarks
 - This allows the field users the ability to zoom quickly to their area of interest

A screenshot of a 'Save Map' dialog box. It contains several input fields: 'Title' with the text 'Creek Fire - Collector - 20190803'; 'Categories' with a '+ Assign Category' button; 'Tags' with 'Creek Fire' selected and an 'Add tags' button; 'Summary' with 'Approval Workflow Collector Web Map' and a close button; and 'Save in folder' with '2019 Creek Fire' selected. At the bottom right, there are two buttons: 'SAVE MAP' and 'CANCEL'. A mouse cursor is pointing at the 'SAVE MAP' button.

Approval Workflow - Collector

- In the web map:
 - Create a display filter for features
 - To only display features for your incident
 - To NOT display auto-generated polygons from IRWIN**
 - This will carry over to the Collector field maps – make sure to not filter out important features

**New fire incidents in IRWIN auto-generate a triangle polygon based on the initial incident size. These can be filtered out.

The screenshot displays the 'Filter: Polygon' dialog box in the web map interface. The dialog is titled 'Filter: Polygon' and has a 'Create' tab. It contains two filter expressions:

- Incident Name is Creek
- Map Method is not Auto-generated

Each expression has an 'Ask for values' checkbox and radio buttons for 'Value', 'Field', and 'Unique'. The 'Value' radio button is selected for both. Below the expressions are three buttons: 'APPLY FILTER', 'APPLY FILTER AND ZOOM TO', and 'CLOSE'. In the background, the 'Contents' panel is visible, showing a list of layers with checkboxes. The 'Polygon - Edit' layer is highlighted with a red box, and the 'Polygon - View' layer is also visible.

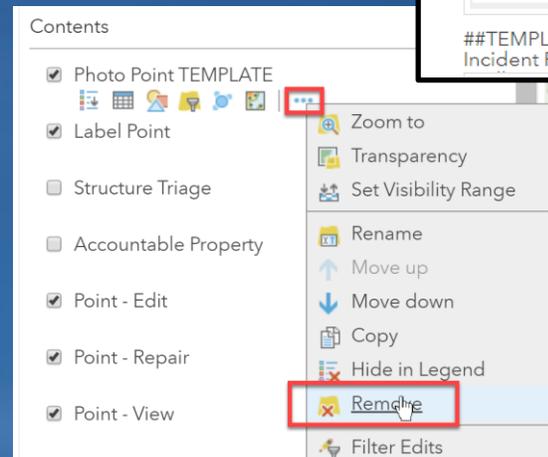
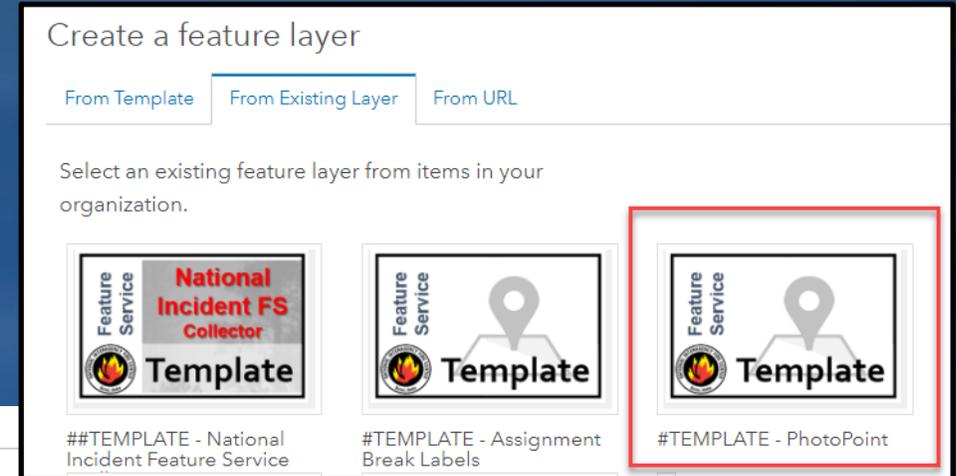
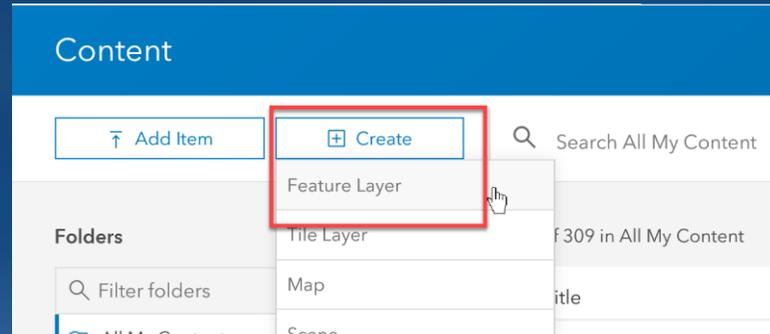


Approval Workflow - Collector

- **Create a new Photo Point Feature Layer for your incident**

- From the Content tab, click **Create > Feature Layer > From Existing > Search for #TEMPLATE PhotoPoint**

- Name and save Layer and Add to your Web Map; Remove current (default) Photo Point feature service from the Web Map



Approval Workflow - Collector

- In the web map:
 - Share the web map so it will be accessible to users
 - Share this “Collector” map into the Mobile Editing group
 - Click OK on the Update Sharing dialog

Share

Choose who can view this map.

Currently, only you can view your map. Before you can link to it or embed it, you need to allow others to view your map.

Everyone (public)

National Interagency Fire Center

Members of these groups:

- Deployment Testing
- NIFC IMT - Archive
- NIFC IMT - Mobile Editing
- NIFC IMT - Public Information
- NIFC IMT - Viewer
- NIFC IMT - Working
- NIFC Org Training - Viewer

Update Sharing

These layers in the web map may not be visible to others because they are not shared in the same way as the web map.

Item	Owner
Photo Point TEMPLATE	NIFC_Admin
#TEST Event_CollectorView_v2	NIFC_Admin
#TEST	

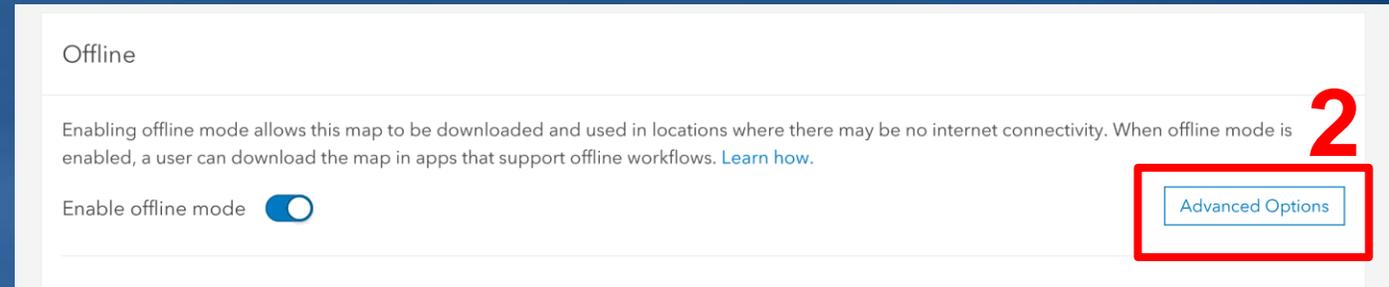
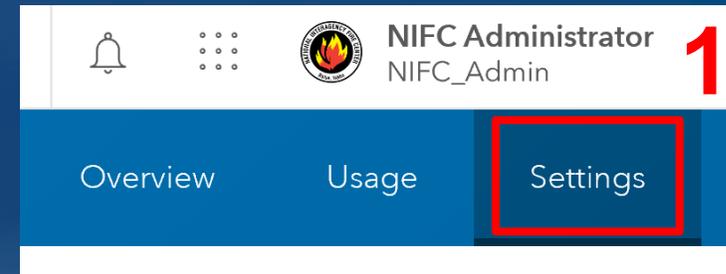
OK



Approval Workflow - Collector

- In the web map Item Details:

- Click on the Settings tab
- In the Offline Settings, click on “Advanced Options”



****To get to Item Details from your web map, in the About tab click on More Details**



Approval Workflow - Collector

- In the web map Item Details:

- In “Offline: Advanced Options”

- Uncheck the Attachments boxes under *both* Editable and Read-only layers**

** This setting is better for field users who may have poor connectivity. During a sync, attachments will not be pulled from the server to the device, but only pushed out from their device to the server.

Control feature and attachment delivery. ⓘ

Choose what data and updates mobile devices get.

Editable features **3**

- Device will download and get updates to features and attachments.
- Device will download and get updates for features only.
- Device will never download or get updates for features.

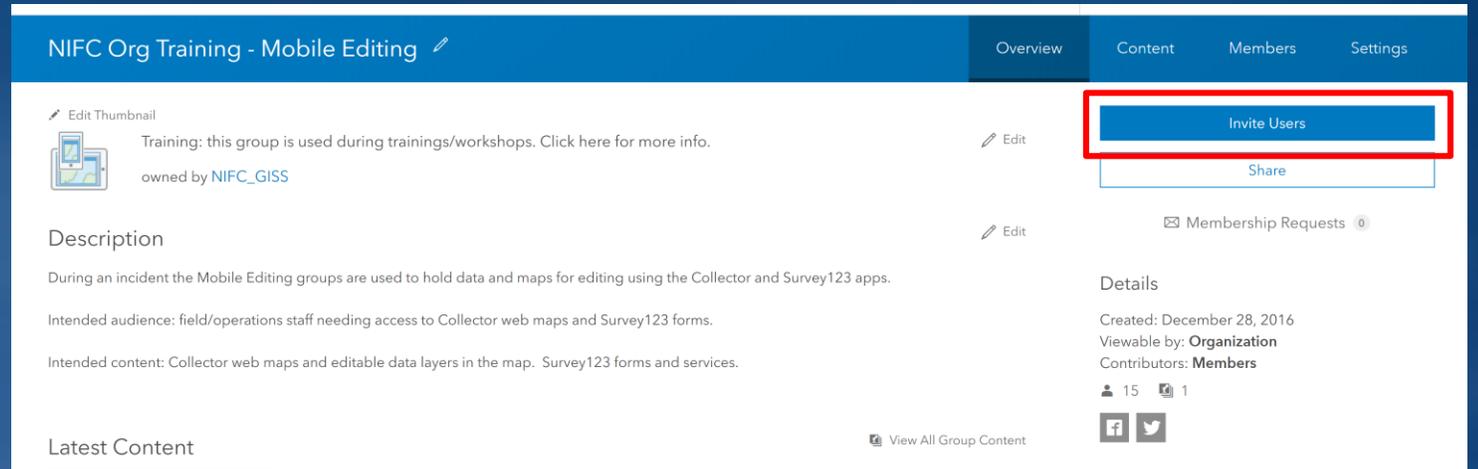
Read-only features

- Device will download and get updates to features and attachments.
- Device will download and get updates for features only.



Approval Workflow - Collector

- Open the Mobile Editing group that you shared your web map into
- Invite users into this group so they will be able to access it from their mobile device



The screenshot shows the ArcGIS Online interface for a group named "NIFC Org Training - Mobile Editing". The page has a blue header with navigation tabs: Overview (selected), Content, Members, and Settings. Below the header, there is a section for "Edit Thumbnail" with a description: "Training: this group is used during trainings/workshops. Click here for more info." and "owned by NIFC_GISS". There are "Edit" and "Share" buttons. Below this is the "Description" section with the text: "During an incident the Mobile Editing groups are used to hold data and maps for editing using the Collector and Survey123 apps." and "Intended audience: field/operations staff needing access to Collector web maps and Survey123 forms." and "Intended content: Collector web maps and editable data layers in the map. Survey123 forms and services." There is an "Edit" button. Below the description is the "Latest Content" section with a "View All Group Content" link. On the right side, there is a "Membership Requests" section with a "0" count. Below that is the "Details" section with "Created: December 28, 2016", "Viewable by: Organization", and "Contributors: Members". There are also icons for 15 users and 1 map, and social media icons for Facebook and Twitter. The "Invite Users" button is highlighted with a red box.

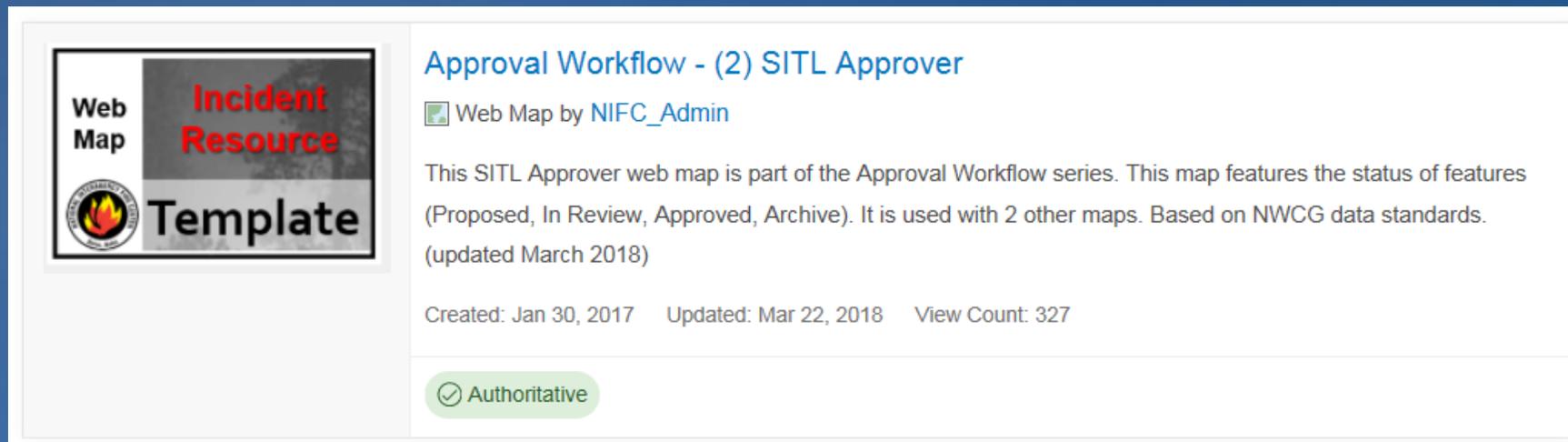


Approval Workflow: SITL Approver Map and App



Approval Workflow

- Create web map and web app for SITL to approve features
- Editing is enabled for features
- Refresh Interval for features has been set
- The “Feature Status” layer for each feature has a differentiating halo that shows the SITL which features are “Proposed”

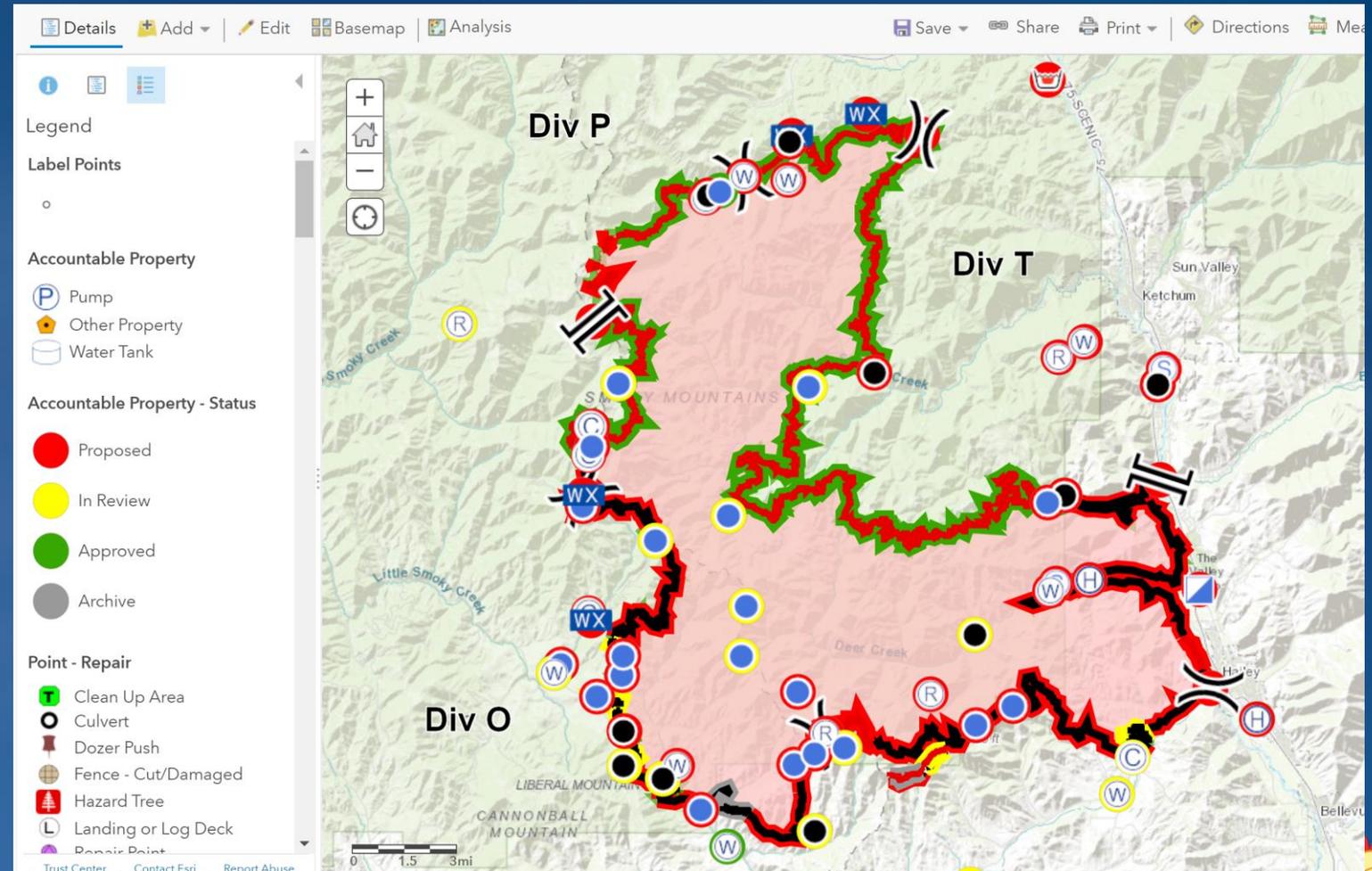


The screenshot shows a metadata card for a web map. On the left is a thumbnail with the text 'Web Map Incident Resource Template' and a fire logo. The main title is 'Approval Workflow - (2) SITL Approver'. Below the title, it says 'Web Map by NIFC_Admin'. The description reads: 'This SITL Approver web map is part of the Approval Workflow series. This map features the status of features (Proposed, In Review, Approved, Archive). It is used with 2 other maps. Based on NWCG data standards. (updated March 2018)'. At the bottom, it lists 'Created: Jan 30, 2017', 'Updated: Mar 22, 2018', and 'View Count: 327'. A green 'Authoritative' badge is visible at the bottom left of the card.



Approval Workflow – SITL Approver

- An example
 - Features highlighted in green have been approved by SITL and are now visible in the Viewer map



Approval Workflow – SITL Approver

- From the Item Details page, open template in Map Viewer

The screenshot shows the ArcGIS Item Details page for a web map titled "Approval Workflow - (2) SITL Approver". The page has a blue header with the title and a "Overview" tab. On the left, there is a thumbnail for the "Web Map Incident Resource Template" with a "Web Map" icon and a "Template" label. Below the thumbnail is an "Add to Favorites" button. The main content area contains a description of the web map, its creator (NIFC_Admin), and creation/updated dates. On the right, there are three action buttons: "Open in Map Viewer" (highlighted with a red box), "Open in ArcGIS Desktop", and "Create Web App". Below these are social media sharing icons for Facebook, Twitter, and Email. At the bottom right, the "Owner" is listed as NIFC_Admin with a "Change Owner" link.

Approval Workflow - (2) SITL Approver Overview

Web Map **Incident Resource** **Template**

☆ Add to Favorites

This SITL Approver web map is part of the Approval Workflow series. This map features the status of features (Proposed, In Review, Approved, Archive). It is used with 2 other maps. Based on NWCG data standards. (updated March 2019)

Web Map by [NIFC_Admin](#)

Created: Mar 22, 2019 Updated: Mar 22, 2019 View Count: 5

Description

Three web maps are necessary for the *Approval Workflow*. This workflow gives the Situation Unit the ability to change the status of new features from "Proposed" to "In Review", "Approved" or "Archive". The approver will work with Operations to change features from "Proposed" to "Approved". Team members that have access to the *Viewer Map* cannot see any new features until they are "Approved".

The *SITL Approver web map* is meant to be used by the SITL in conjunction with Operations staff, to view and approve edits as they come in from the field. Once the SITL approves the feature in the map, using the edit tool and changing the *FeatureStatus* to "Approved", the features symbology will change color and become visible in the Viewing web map.

[Steps](#)

[Open in Map Viewer](#)

[Open in ArcGIS Desktop](#) ▾

[Create Web App](#) ▾

Details

Size: 56 KB
★★★★★

[f](#) [t](#) [e](#)

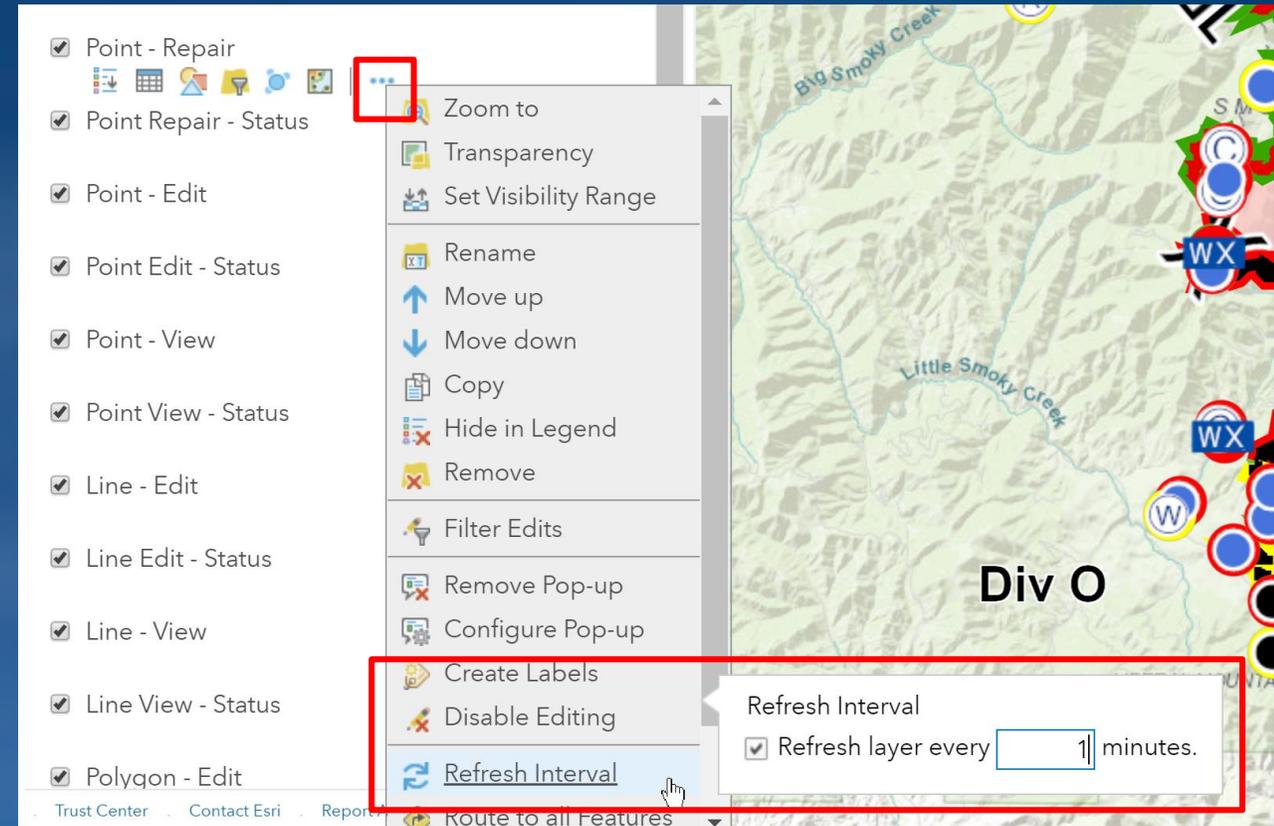
Owner [Change Owner](#)

NIFC_Admin



Approval Workflow – SITL Approver

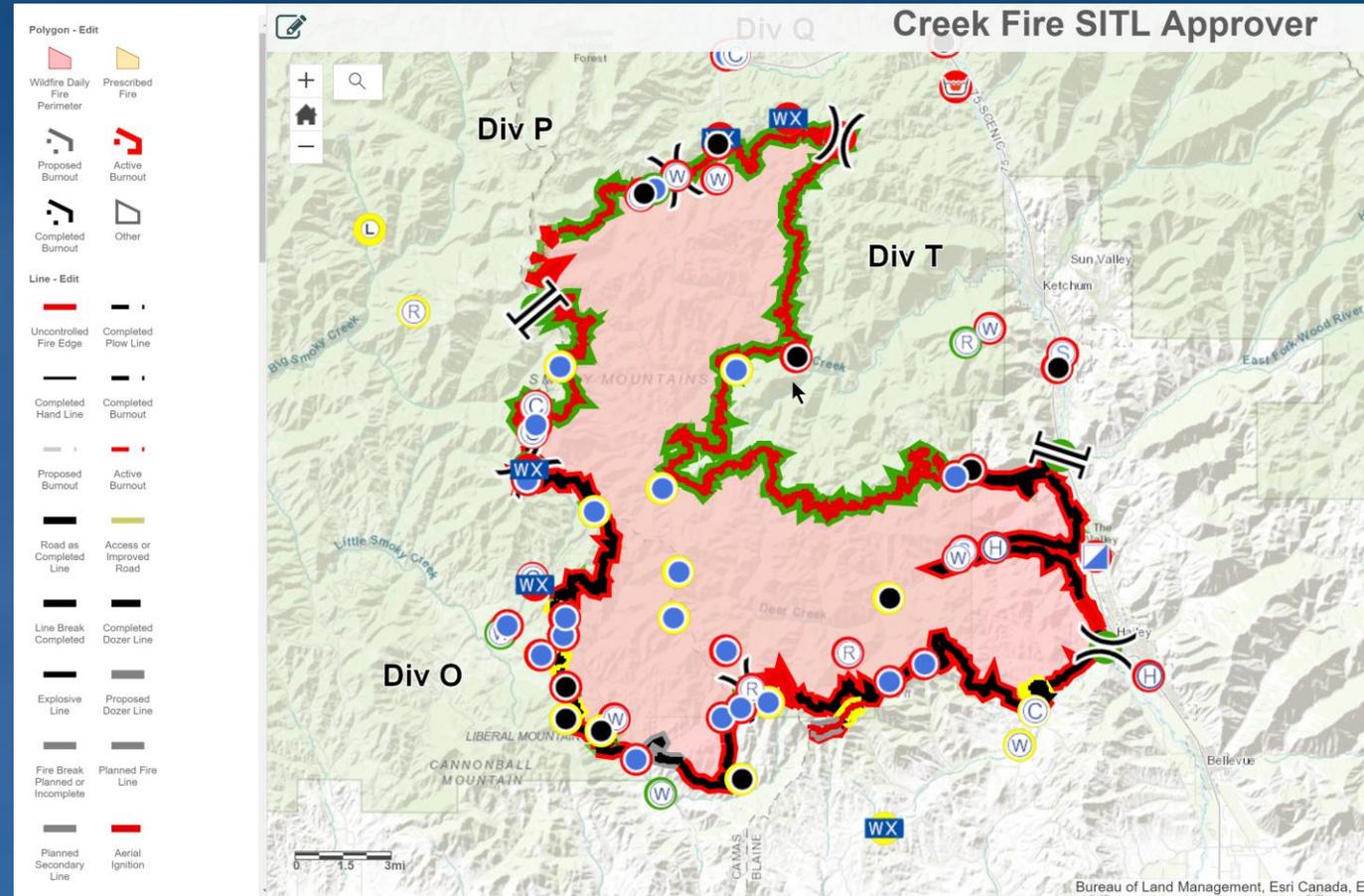
- **SAVE AS** and make this copy of the web map for SITL to approve features
- **Zoom to your Area of Interest and set Bookmarks**
- **Refresh interval is already set, but it can be changed to more or less regularity**
- **Share this map with the Working Group**



Approval Workflow – SITL Approver

Web App Overview:

- This optional step creates a more viewer/user friendly version of the editable web map
- SITL can change a feature's status to “Approved”

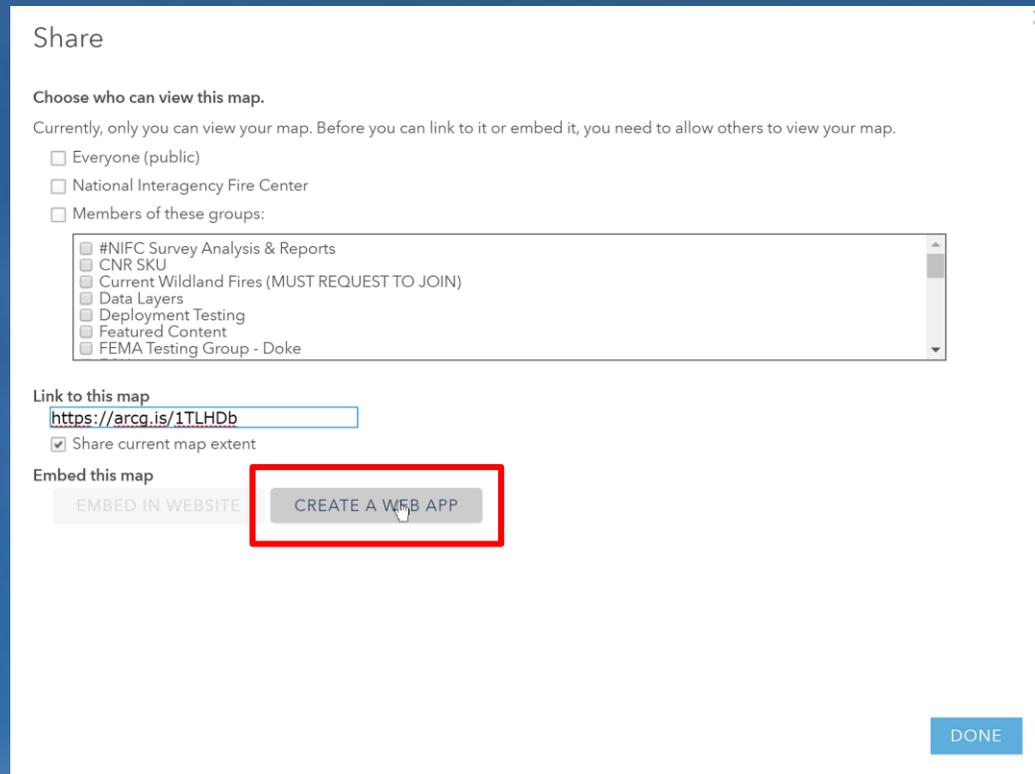
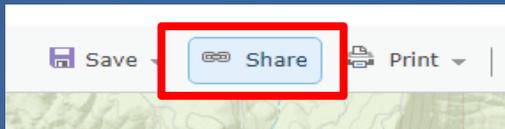


Approval Workflow – SITL Approver

- **Create a Web App:**

- While in the web map that you just created, click Share

- In the Share pop up, click Create A Web App



Approval Workflow – SITL Approver

- **Create a Web App**
 - You can choose the Edit template, which provides basic editing capabilities
 - Click Create Web App
 - Name and Save with your fire name and “App” in the title

The screenshot displays the 'Create a New Web App' interface. At the top, there are three tabs: 'Configurable Apps', 'Web AppBuilder', and 'Operations Dashboard'. Below the tabs, a search bar is present with the text 'Select a configurable app.' and a search icon. The main area shows a grid of app templates, each with a preview image and a title: 'Crowdsource Polling', 'Public Information', 'Directions', 'GeoForm', 'Summary Viewer', 'Edit', 'Impact Summary', and 'Crowdsource Manager'. The 'Edit' template is highlighted with a red box, and a red box also highlights the 'CREATE WEB APP' button within its configuration panel. Below the 'Edit' template, there are buttons for 'PREVIEW' and 'CLOSE'. At the bottom right of the interface, there are 'BACK' and 'CANCEL' buttons.



Approval Workflow – SITL Approver

Web App Overview:

–Configure the Web App

- Check Basemap Toggle if you would like to access the aerial imagery as well as the default topo basemap
- All other default settings can be applied
- Click Launch – this will automatically save the App

Configure: Creek Fire SITL Approver

General Theme Options Search

Tools

Display Edit Toolbar

Enable the Locate Button to add a button to the map that allows users to identify their current location. To track the users current location set Locate Button and Location Tracking to true.

Locate Button
 Location Tracking
 Home Button
 Scalebar

Enable the basemap toggle button. The button will use the web map's default basemap as the map main. Select an alternate basemap from the list to toggle.

Basemap Toggle
Alternate Basemap
Imagery

Save Launch Close

Polygon - Edit

Wildfire Daily Fire Perimeter Prescribed Fire

Proposed Burnout Active Burnout

Completed Burnout Other

Line - Edit

Uncontrolled Fire Edge Completed Plow Line

Completed Hand Line Completed Burnout

Proposed Burnout Active Burnout

Road as Completed Line Access or Improved Road

Line Break Completed Completed Dozer Line

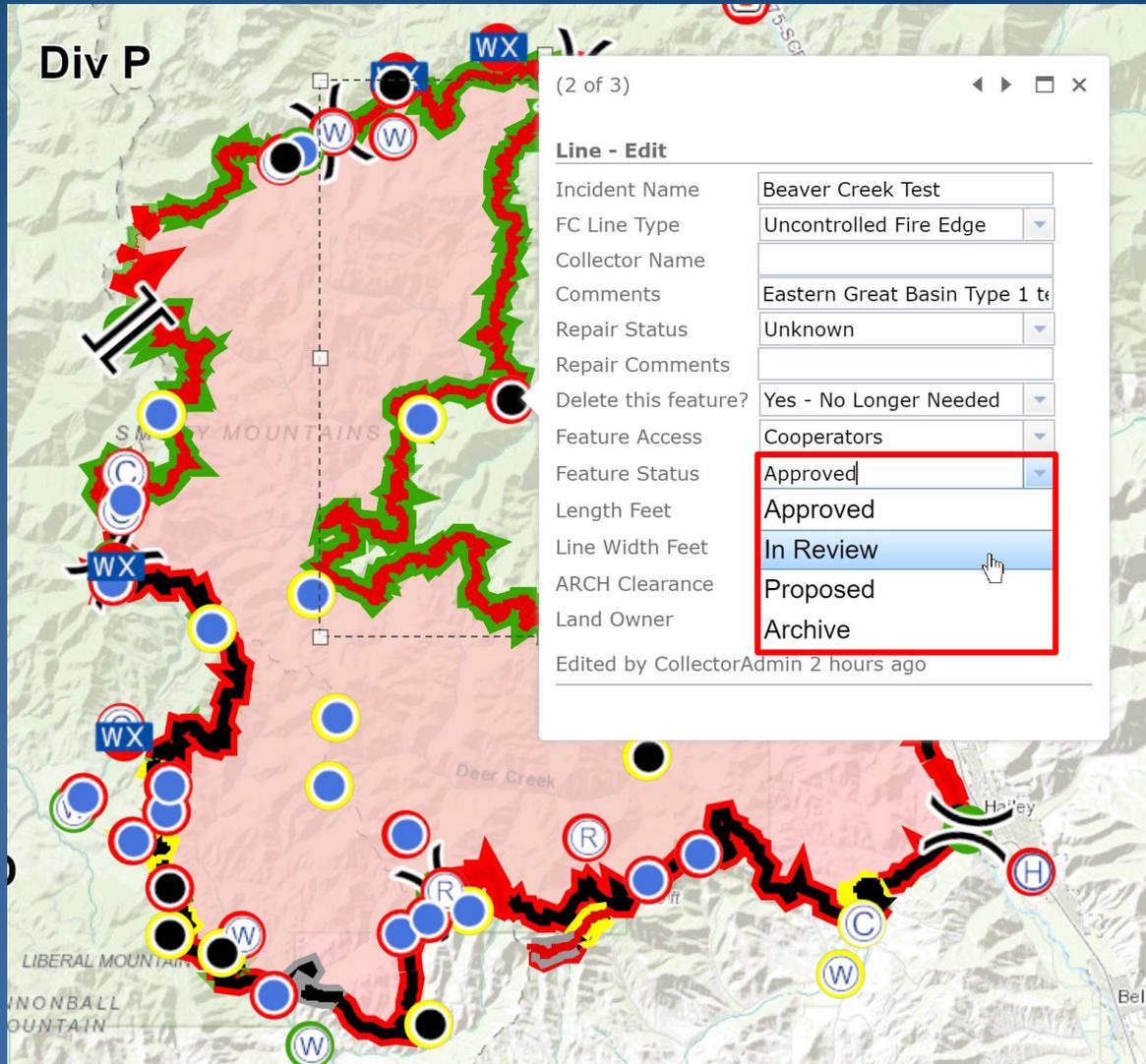
Explosive Line Proposed Dozer Line

Fire Break Planned or Incomplete Planned Fire Line

Planned Aerial



Approval Workflow – SITL Approver



Web App Overview:

- The SITL can update a feature’s status from “Proposed,” the default, to “In Review” or “Approved”



Approval Workflow – SITL Approver

- Open your Content to Share both the web map and web app with your team's Working Group.
- Invite the SITL into the Working Group

Share ✕

Share the item(s) with:

Everyone (public)

National Interagency Fire Center

These groups:

- NIFC Org Training - Archive
- NIFC Org Training - Mobile Editing
- NIFC Org Training - Public Information
- NIFC Org Training - Viewer
- NIFC Org Training - Working

These settings will replace the current settings.

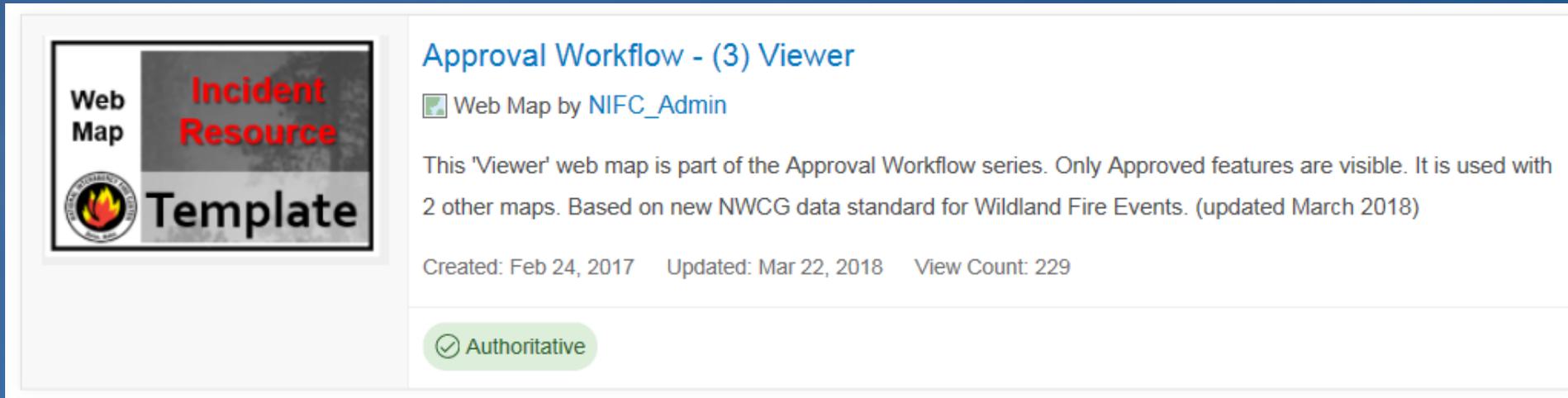


Approval Workflow: Viewer Map



Approval Workflow

- Create an offline capable web map and web app specifically for those to only *View* (and not edit)
 - Viewers will only see “Approved” features
- Features are not editable in this template
- The refresh interval has been set for all features



The screenshot shows a metadata card for a web map. On the left is a thumbnail with the text 'Web Map Incident Resource Template' and a logo. The main title is 'Approval Workflow - (3) Viewer'. Below the title, it says 'Web Map by NIFC_Admin'. A description follows: 'This 'Viewer' web map is part of the Approval Workflow series. Only Approved features are visible. It is used with 2 other maps. Based on new NWCG data standard for Wildland Fire Events. (updated March 2018)'. At the bottom, it lists 'Created: Feb 24, 2017', 'Updated: Mar 22, 2018', and 'View Count: 229'. A green 'Authoritative' badge is at the bottom left of the card.

Web Map **Incident Resource** **Template**

Approval Workflow - (3) Viewer

Web Map by NIFC_Admin

This 'Viewer' web map is part of the Approval Workflow series. Only Approved features are visible. It is used with 2 other maps. Based on new NWCG data standard for Wildland Fire Events. (updated March 2018)

Created: Feb 24, 2017 Updated: Mar 22, 2018 View Count: 229

Authoritative



Approval Workflow - Viewer

- From the Item Details page, open template in Map Viewer
 - Zoom to your fire, create bookmarks
 - Do a Save As and name this the web map for Viewers

The screenshot shows the ArcGIS Item Details page for a web map titled "Approval Workflow - (3) Viewer". The page has a blue header with the title and a pencil icon for editing. Below the header are three tabs: "Overview" (selected), "Usage", and "Settings". On the left side, there is a thumbnail for the web map titled "Web Map Incident Resource Template" with a star icon and the text "Add to Favorites". To the right of the thumbnail, there is a description: "This 'Viewer' web map is part of the Approval Workflow series. Only Approved features are visible. It is used with 2 other maps. Based on new NWCG data standard for Wildland Fire Events. (updated March 2018)". Below the description, it says "Web Map by NIFC_Admin" and "Created: Feb 24, 2017 Updated: Aug 21, 2018 View Count: 597". There is also a green "Authoritative" badge. On the right side of the page, there is a vertical list of actions: "Open in Map Viewer" (highlighted with a red box), "Open in ArcGIS Desktop", "Create Presentation", "Create Web App", and "Share".



Approval Workflow - Viewer

- Share this map with the Viewer Group

Share

Choose who can view this map.

Your map is currently shared with these people.

Everyone (public)

National Interagency Fire Center

Members of these groups:

<input type="checkbox"/> Deployment Testing
<input type="checkbox"/> NIFC IMT - Archive
<input type="checkbox"/> NIFC IMT - Mobile Editing
<input type="checkbox"/> NIFC IMT - Public Information
<input checked="" type="checkbox"/> NIFC IMT - Viewer
<input type="checkbox"/> NIFC IMT - Working
<input type="checkbox"/> NIFC Org Training - Viewer

Update Sharing

These layers in the web map may not be visible to others because they are not shared in the same way as the web map.

Item	Owner
Photo Point TEMPLATE	NIFC_Admin
#TEST Event_CollectorView_v2	NIFC_Admin
#TEST	

OK



Approval Workflow - Viewer

- **Create a New Web App (optional)**
 - In the web map, click Share, then Create a Web App
 - You can choose the Basic Viewer template, which by default does not allow editing
 - Click Create Web App

Create a New Web App

Configurable Apps | Web AppBuilder | Operations Dashboard

Select a configurable app. ?

Search

Imagery Viewer | Story Map Shortlist | Map Styler | Image Mask

Minimalist | Media Map | Scene Styler

Basic Viewer

Presents a map in a general purpose app with a collection of essential tools including edit and print.

CREATE WEB APP

PREVIEW

CLOSE

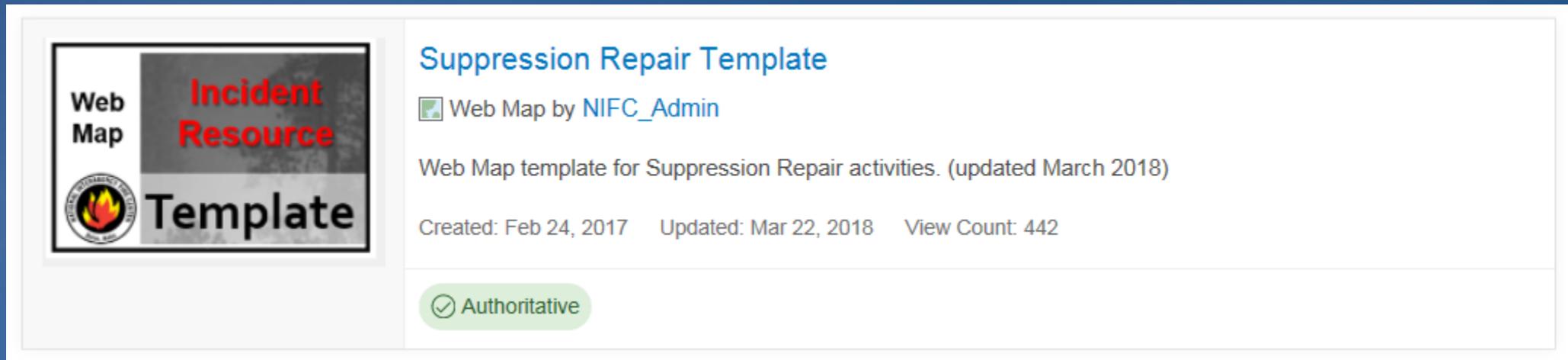


Approval Workflow: Suppression Repair Map



Suppression Repair

- Use this template along side the Approval maps/apps to track features in need of Suppression Repair
- Features will have halos dependent on repair status.
- Web Map is offline enabled for field use

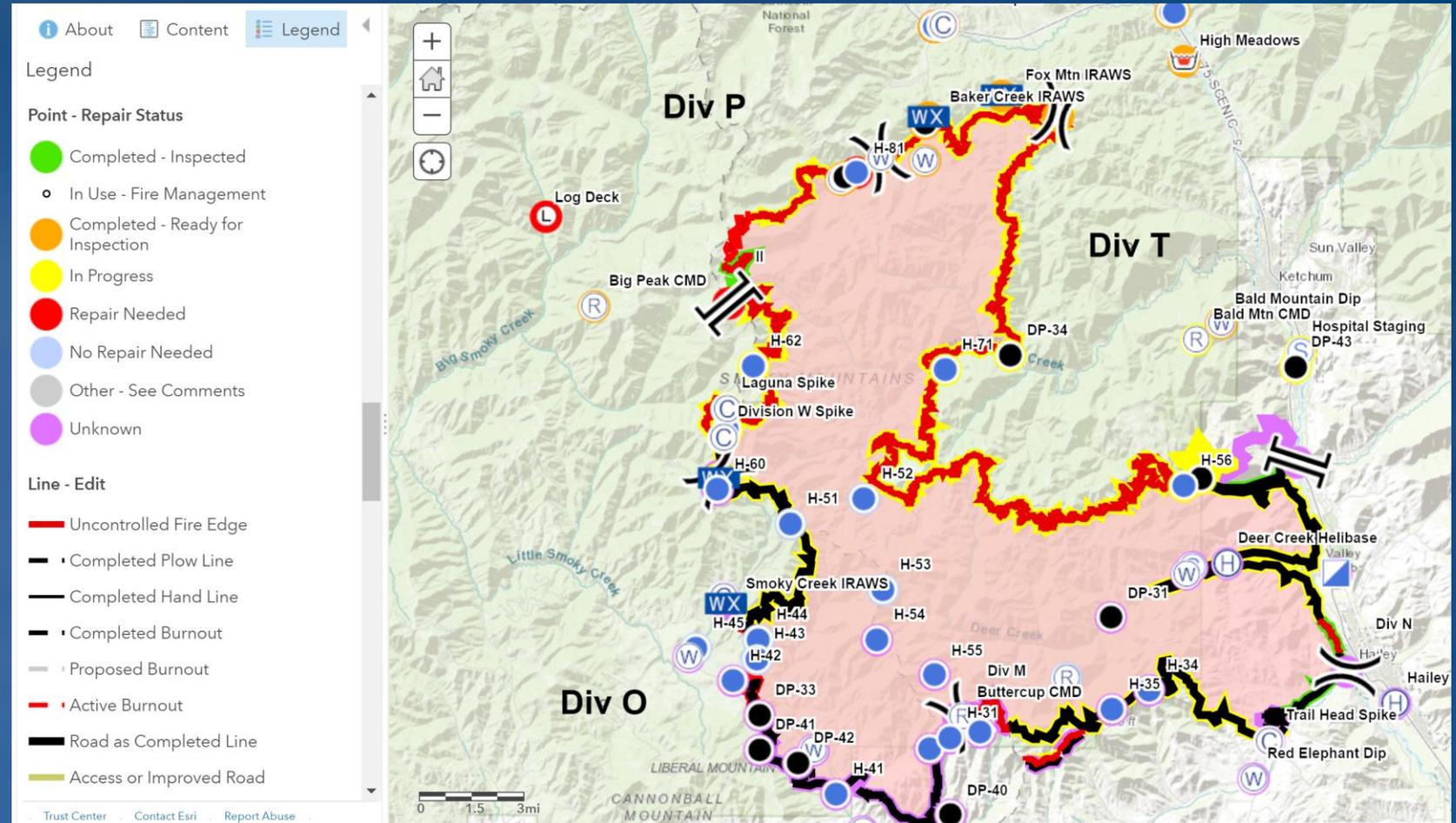


The screenshot shows a web map template page. On the left is a thumbnail with the text 'Web Map', 'Incident Resource', and 'Template' over a background image of a fire. The main content area has the title 'Suppression Repair Template' in blue, followed by 'Web Map by NIFC_Admin' with a small map icon. Below that is the description 'Web Map template for Suppression Repair activities. (updated March 2018)'. At the bottom of the main area, it says 'Created: Feb 24, 2017 Updated: Mar 22, 2018 View Count: 442'. A green badge with a checkmark and the word 'Authoritative' is located at the bottom left of the main content area.



Suppression Repair

- An example of a Suppression Repair web map
- Features with red halo indicates “Repair Needed”



- Note that in Collector, users will need to sync twice to see halo updates



Suppression Repair

- From the web map Item Details page, open template in Map Viewer
- Save As, name and share map into Mobile Editing Group
- Zoom to the fire area, create bookmarks
- Share the map with the Mobile Editing Group
- Under the About tab, click on More Details... to open the map Item Details
- In Item Details:
 - Click on the Settings tab
 - Scroll down to Web Map Settings
 - Click “Show advanced options”
 - In Advanced Offline Options:
 - Uncheck Attachments for Editable and Read-only layers**



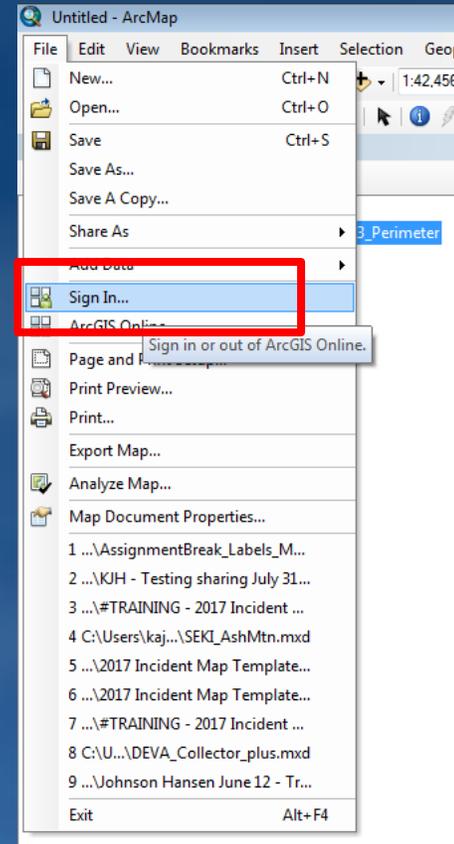
ArcMap Desktop Workflow

How to Edit Feature
Services in Pro



ArcMap Desktop Workflow

- Open ArcMap
- Log in to your NIFC Org AGOL account
- Suggestion: if you have a fire perimeter, add it now. That way when you add the National Incident Feature Service it will zoom to that area and will load faster.



ArcMap Desktop Workflow

- Within ArcMap open  Catalog

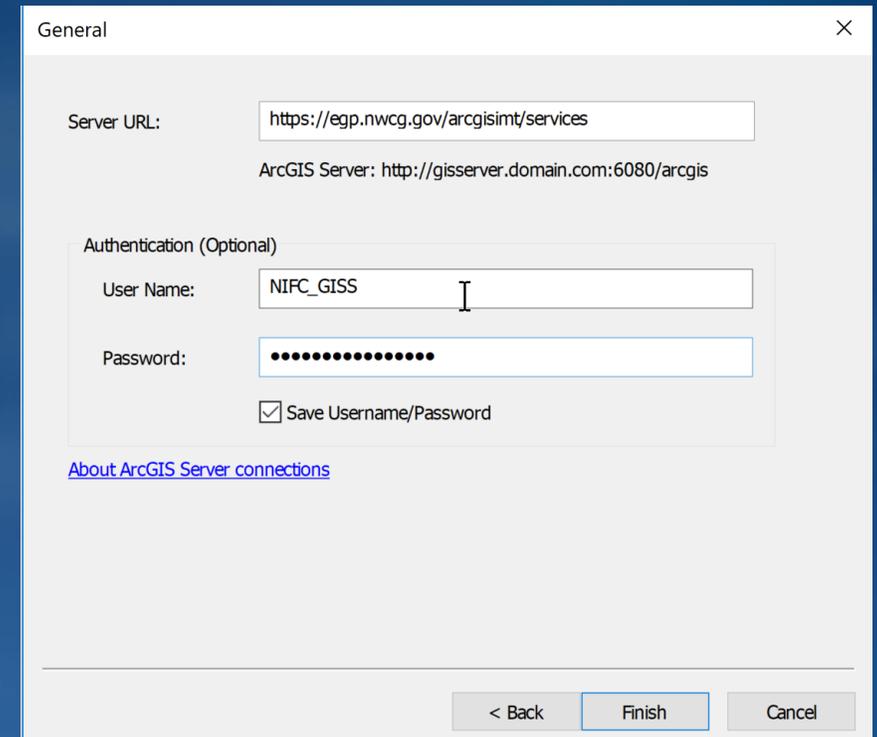
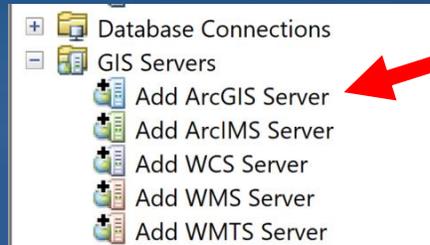
- Expand GIS Servers

- Add ArcGIS Server > Use GIS Services > Next

- Add:

- <https://egp.nwcg.gov/arcgisimt/rest/services>

- Enter your EGP Username and password



For training purposes use the EGP Test services. Connect to the training server:
<https://egptraining.nwcg.gov/arcgisimt/rest/services>



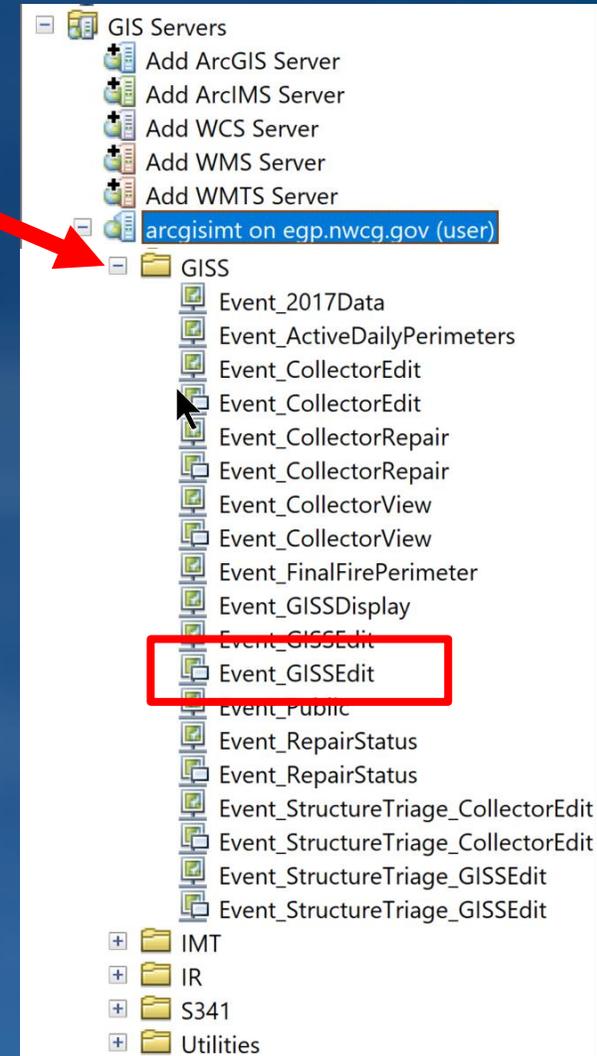
ArcMap Desktop Workflow

- Make sure that you have the GISS folder*
- Drag and drop Event_GISSEdit into your data frame

*To have access to the GISS folder within the EGP server, make sure you have an EGP account with the GISS role already. If you do not have an account with the GISS role, go to <https://egp.nwccg.gov/egp/default.aspx> to request a new account or a role change.

For help on adding a GIS Server, see:

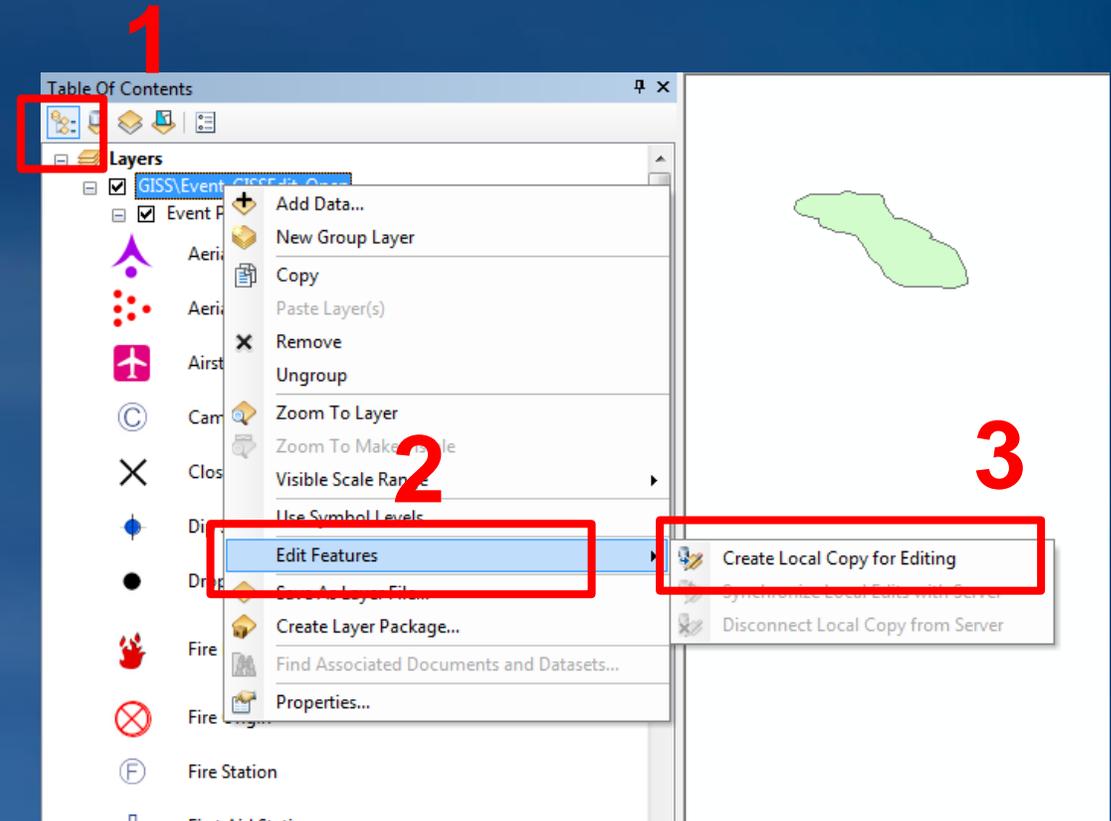
<http://server.arcgis.com/en/server/10.3/install/linux/making-a-user-connection-to-arcgis-server-in-arcgis-for-desktop.htm>



ArcMap Desktop Workflow

- **Make a Local Copy***

- Make sure the area you want to edit is in the data frame
- Make a local copy of the National Incident Service – this copies just the data in the data frame
 - This process creates a copy of the feature service as a gdb and saves it in a Feature Service Local Edits folder under your user.

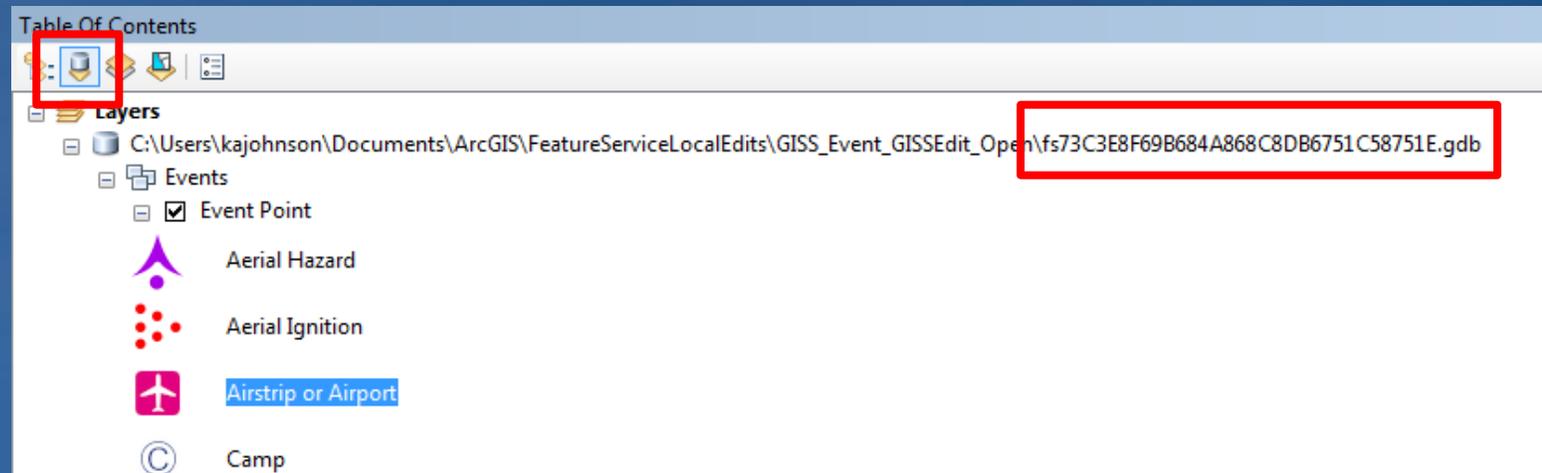


*Local copy sync is only available with the Standard or Advanced ArcGIS license



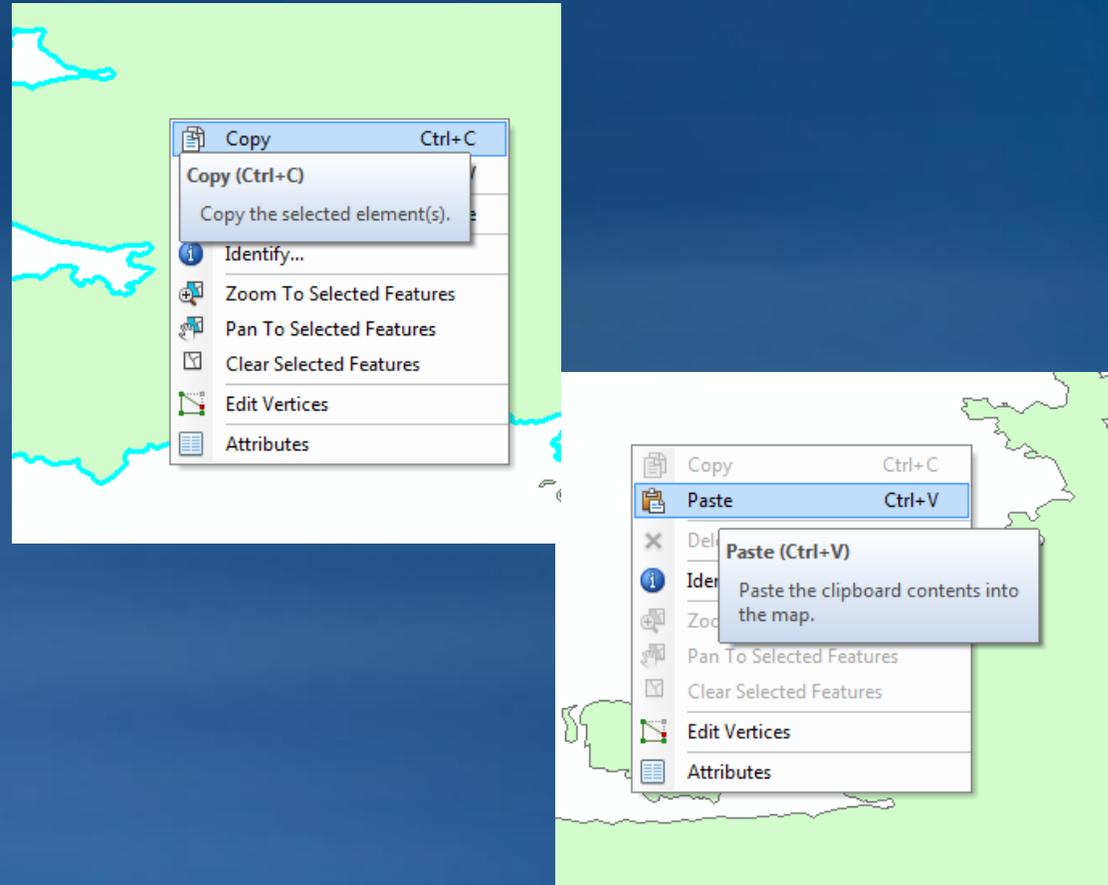
ArcMap Desktop Workflow

- Note the name of the local copy gdb and its location
- Do not change the name of this local copy



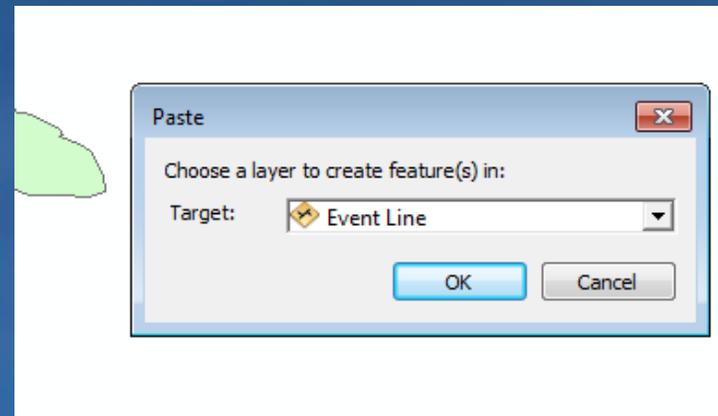
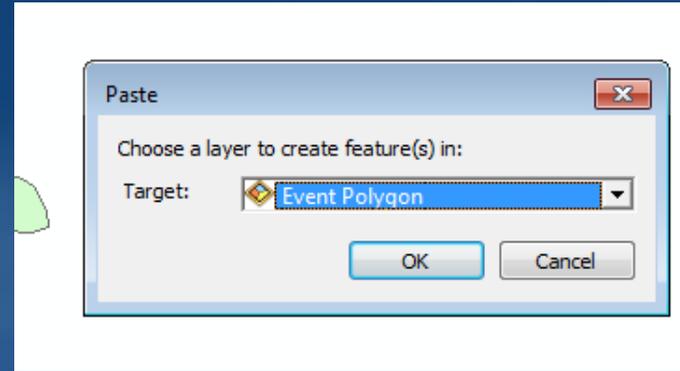
ArcMap Desktop Workflow

- If you haven't done so yet, add your fire perimeter
- Copy and paste your perimeter into the National Incident Feature Service, or use “Replace Sketch”



ArcMap Desktop Workflow

- Paste your perimeter into either the Event Line or the Event Polygon, or both
- Populate the attribute tables
 - Update the feature type (e.g. Wildfire Daily Perimeter or Uncontrolled Fire Edge) [See doc for more details](#)
- Save edits often!



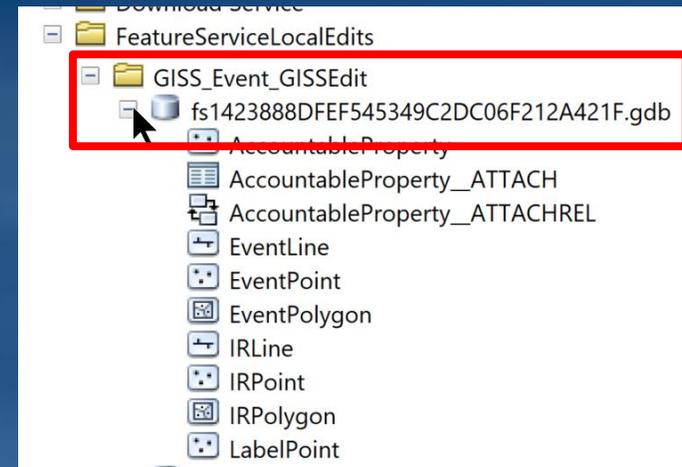
ArcMap Desktop Workflow

- Perform the remainder of your edits
 - See this NWCG document for further detail in editing event data found on this site, Editing the Event Geodatabase:
<https://sites.google.com/a/firenet.gov/gisstraining/home/gissintroductoryclass/Unit2/editingtipstricks>
 - More details on Event Attributes: <https://drive.google.com/open?id=1x36ALjVBokx-XWkMMg9hMQNISR6PFvjQ>



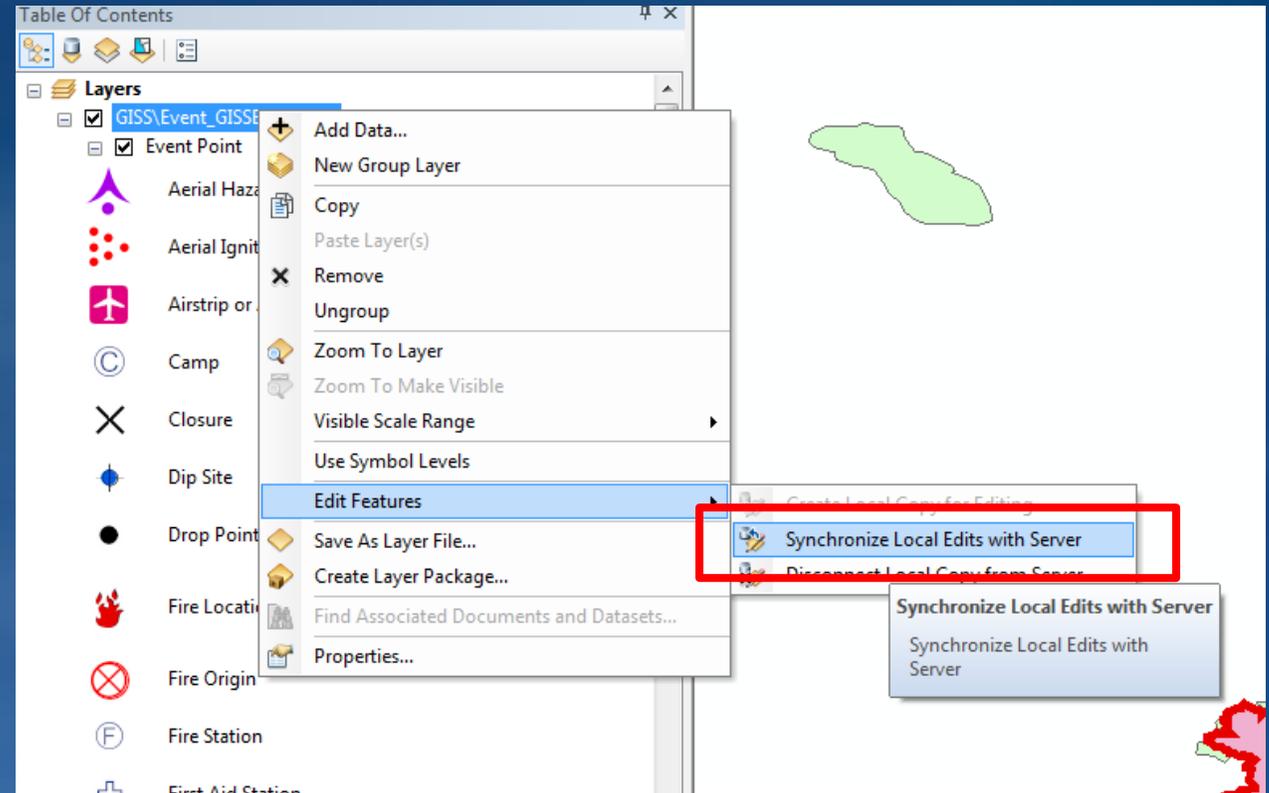
ArcMap Desktop Workflow

- When you have completed your edits, paste a copy of the Local Copy in your Incident_Data folder to use as a Master
- Save another copy into the incident Backup folder
- Rename this copy using GSTOP naming requirements



ArcMap Desktop Workflow

- Sync the local copy
- You can only perform a sync on an individual local copy once
- When you need to make more edits, make another local copy



Need help??

- For all support questions, use this form: <https://bit.ly/330RpTN>



References

- For help with the Event Geodatabase see these websites :

- Editing the Event Geodatabase:

- <https://sites.google.com/a/firenet.gov/gisstraining/home/gissintroductoryclass/Unit2/editingtipstricks>

- Editing Feature Services:

- https://sites.google.com/a/firenet.gov/gisstraining/home/gissintroductoryclass/Unit2/a_editingfeatureservices



Reference Materials



- How to make a local copy:
<http://desktop.arcgis.com/en/arcmap/10.3/manage-data/editing-fundamentals/making-a-local-copy-of-a-service-for-editing.htm>
- How to take a map offline:
<http://doc.arcgis.com/en/arcgis-online/create-maps/take-maps-offline.htm>

