WFDSS NextGen

Focus Group Session 10 – Spatial Inventory (SI)

WFDSS Next Gen – General Information

- **Link to WGFMRDA WFDSS NextGen Info page: https://wfmrda.nwcg.gov/news/next-generation-wfdss**

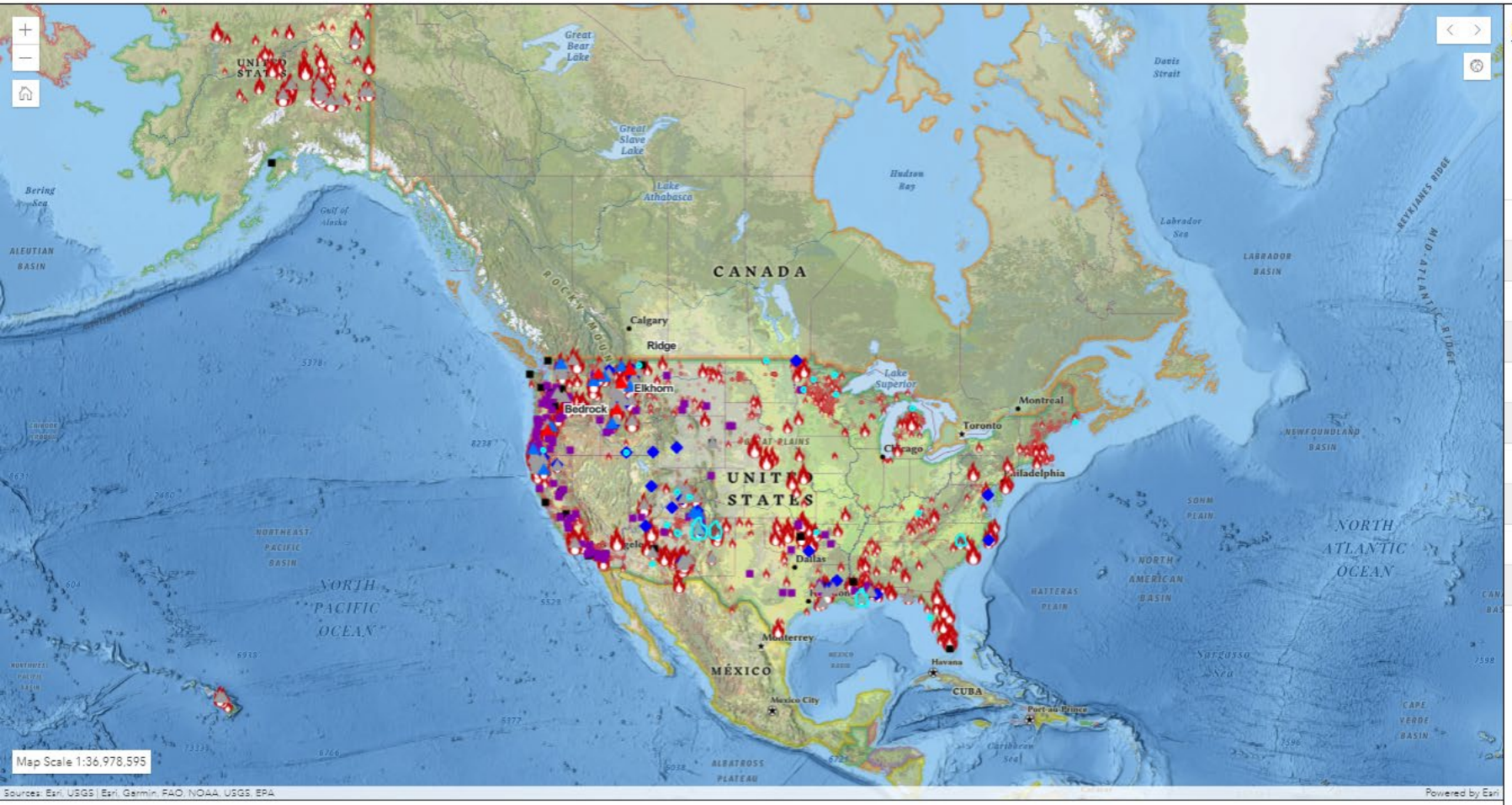
- **Link to sign up for User group emails: https://forms.office.com/g/waDd9nL02G**

- **Link to Session 10 survey: https://forms.office.com/g/STp0rsTpPd**

WFDSS Next Gen – Spatial Inventory – To view SI search for incident

WFDSS | My Home | Incidents | Reports | User Support | National PL: 1

Incidents



Results

Find records from IRWIN discovered within the last 6 months
Search Current Map View

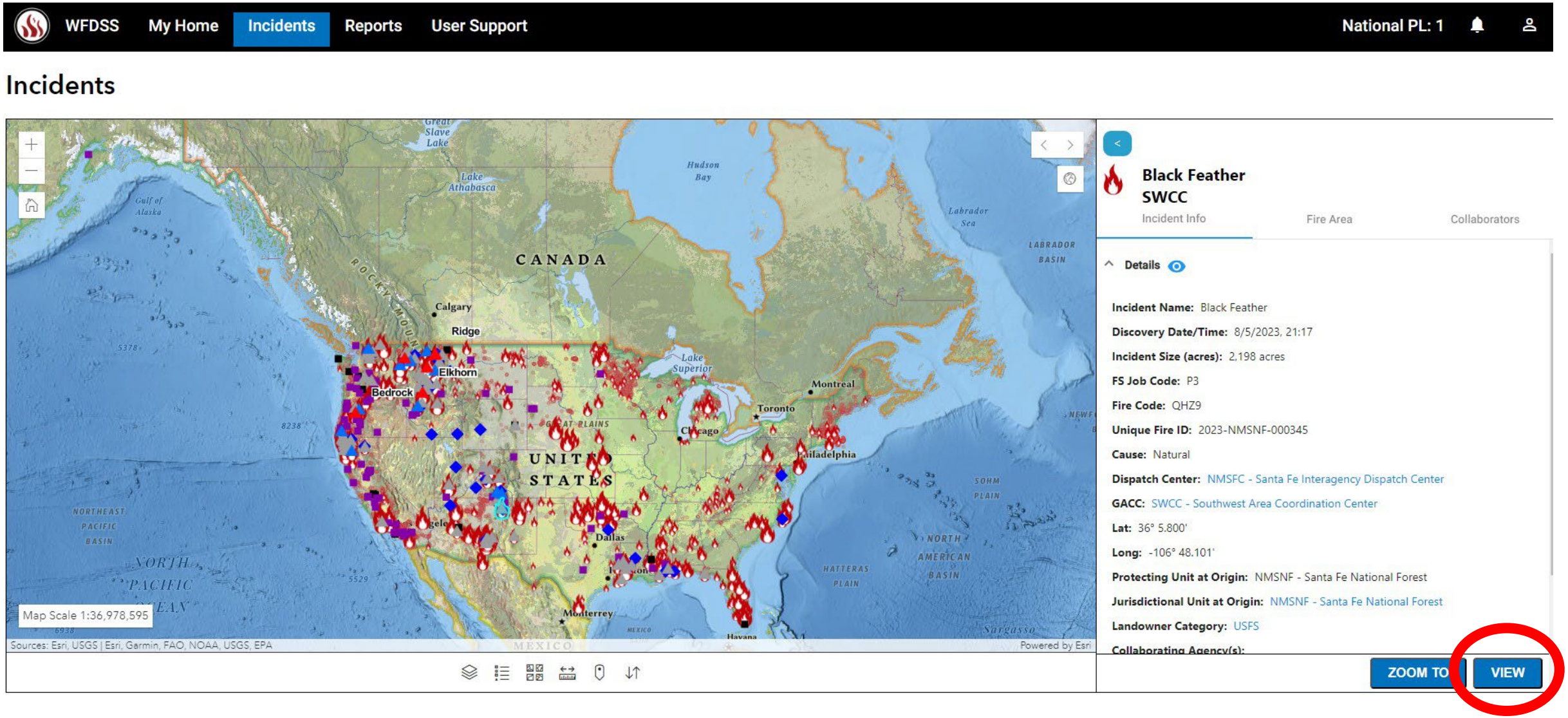
Black

DOWNLOAD INCIDENT LIST

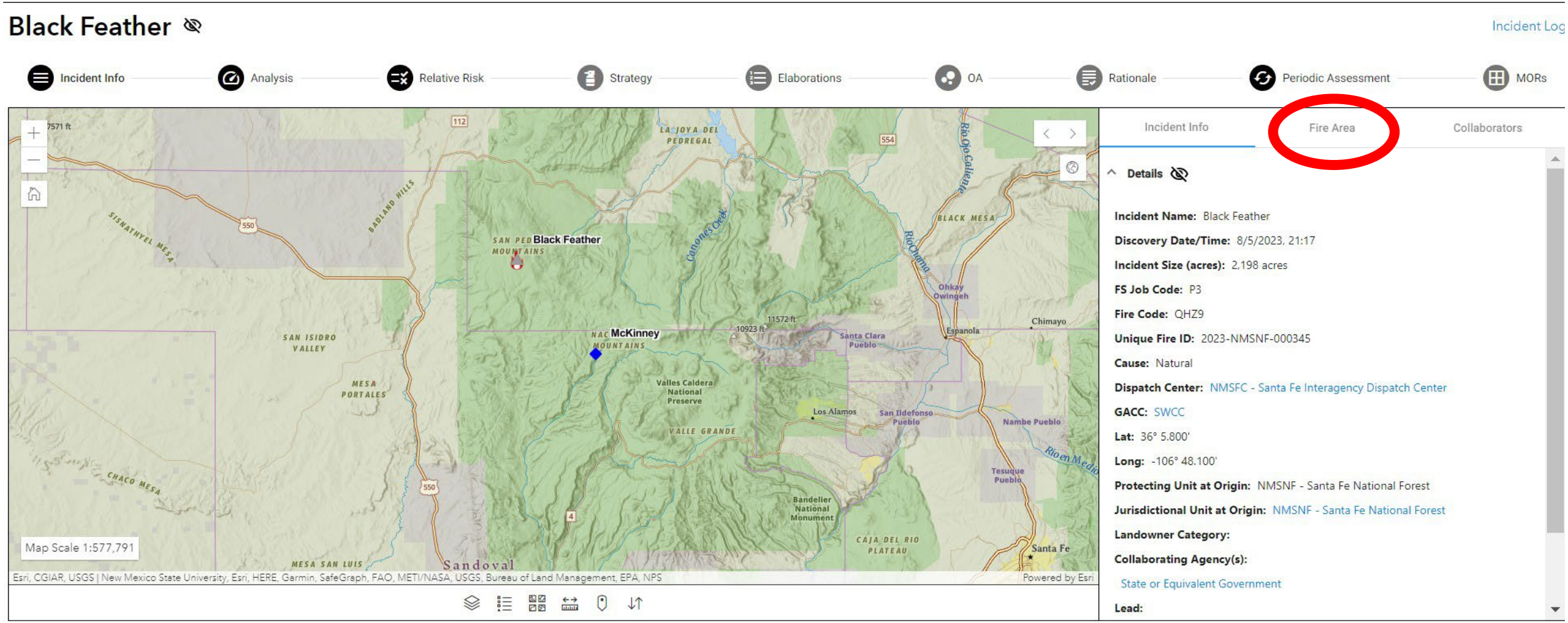
INCIDENT NAME	LANDOWNER CATEGORY	DISCOVERED DATE/TIME	INCIDENT SIZE (ACRES)
BLACK CAT	Tribal	8/22/2023, 20:04	0.1
Black Ridge Wilderness	BLM	8/21/2023, 19:06	0.01
Black Mountain	USFS	8/20/2023, 15:24	0.7
Black Rock 2	BIA	8/9/2023, 20:47	0.1
Black Feather	USFS	8/5/2023, 21:17	2,198
Black Lagoon	USFWS	7/31/2023, 17:00	448
Black Mesa	BIA	7/31/2023, 24:35	0.1
Black Beauty	Private	7/28/2023, 14:44	1
Blackrock	BIA	7/27/2023, 04:11	0.5
Black	Private	7/26/2023, 18:00	0.5

Items per page: 10 | 1 – 10 of 25

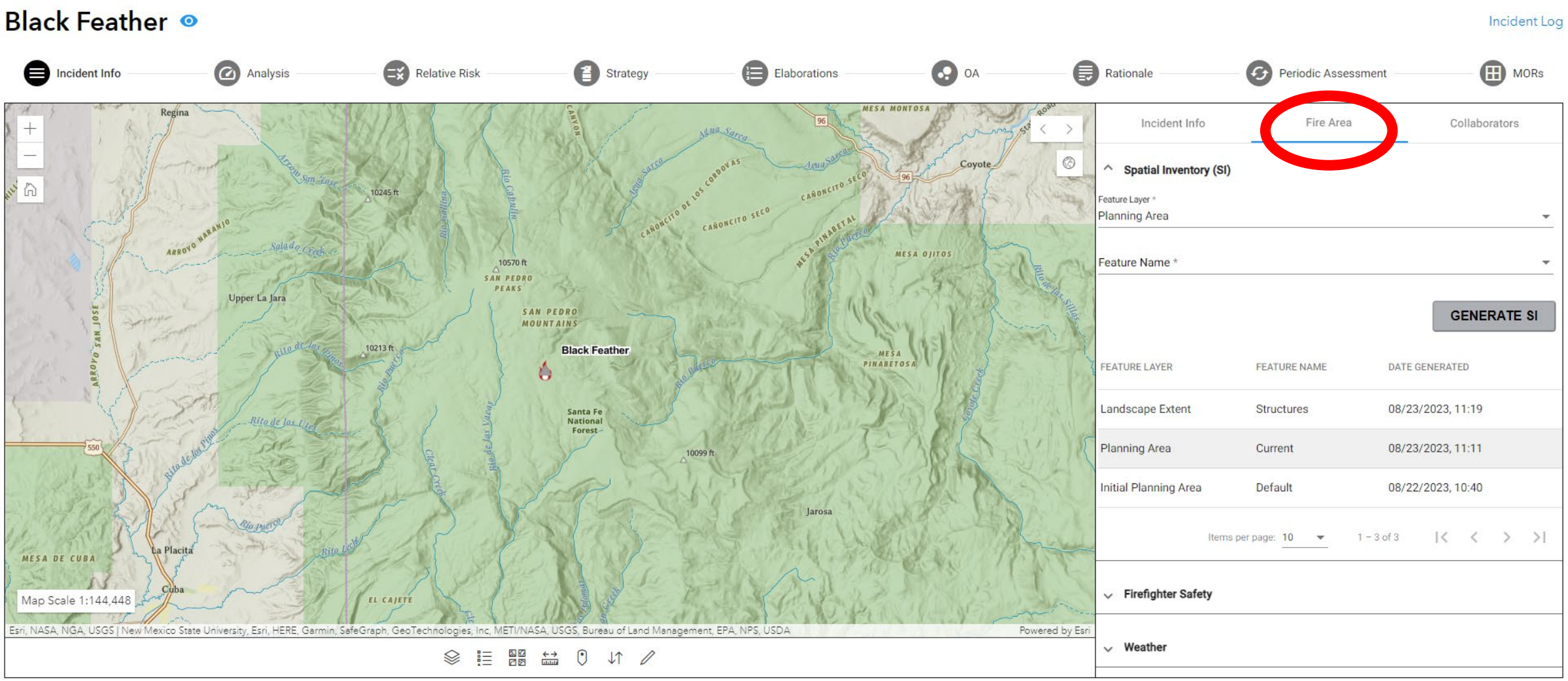
WFDSS Next Gen – Spatial Inventory – Once incident is located, click VIEW to see content of Spatial Inventory (SI)



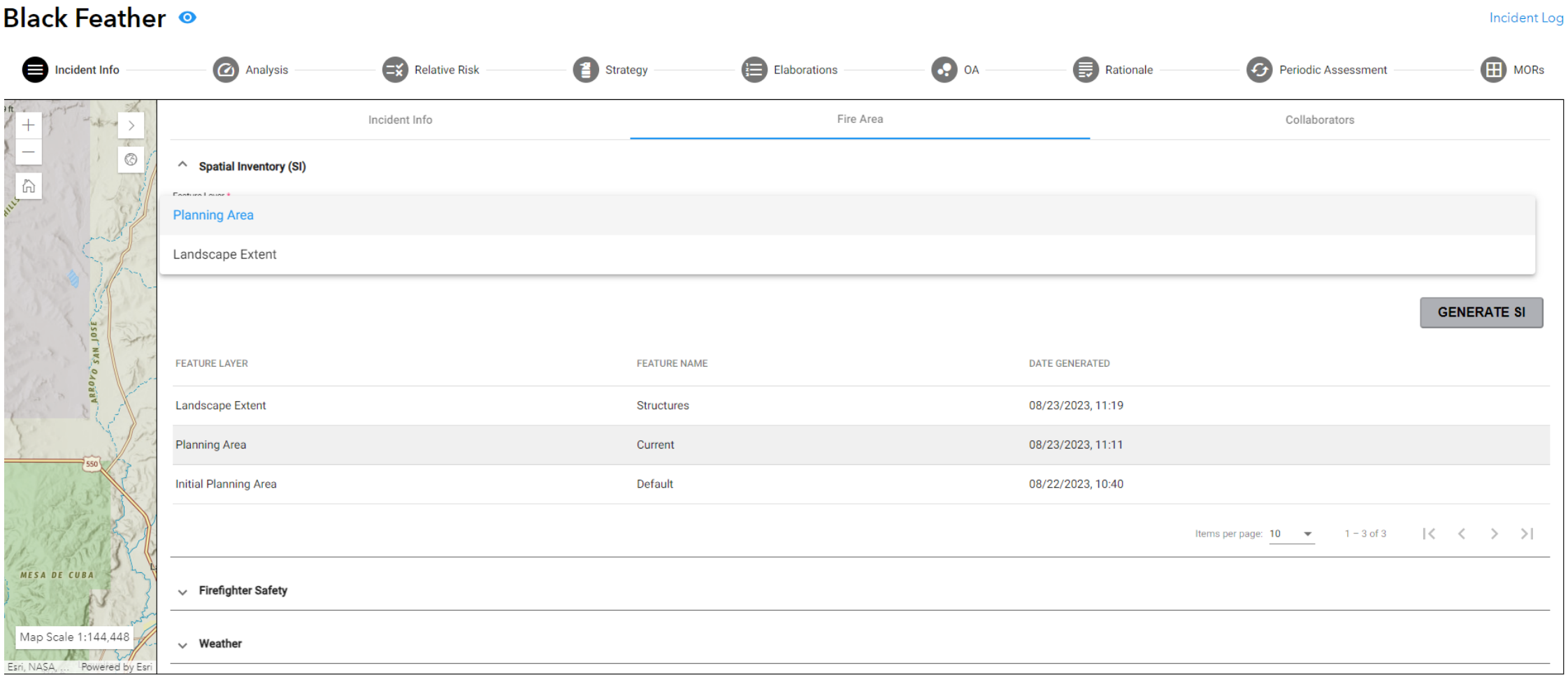
WFDSS Next Gen – Spatial Inventory is located on the Fire Area section of the main incident page.



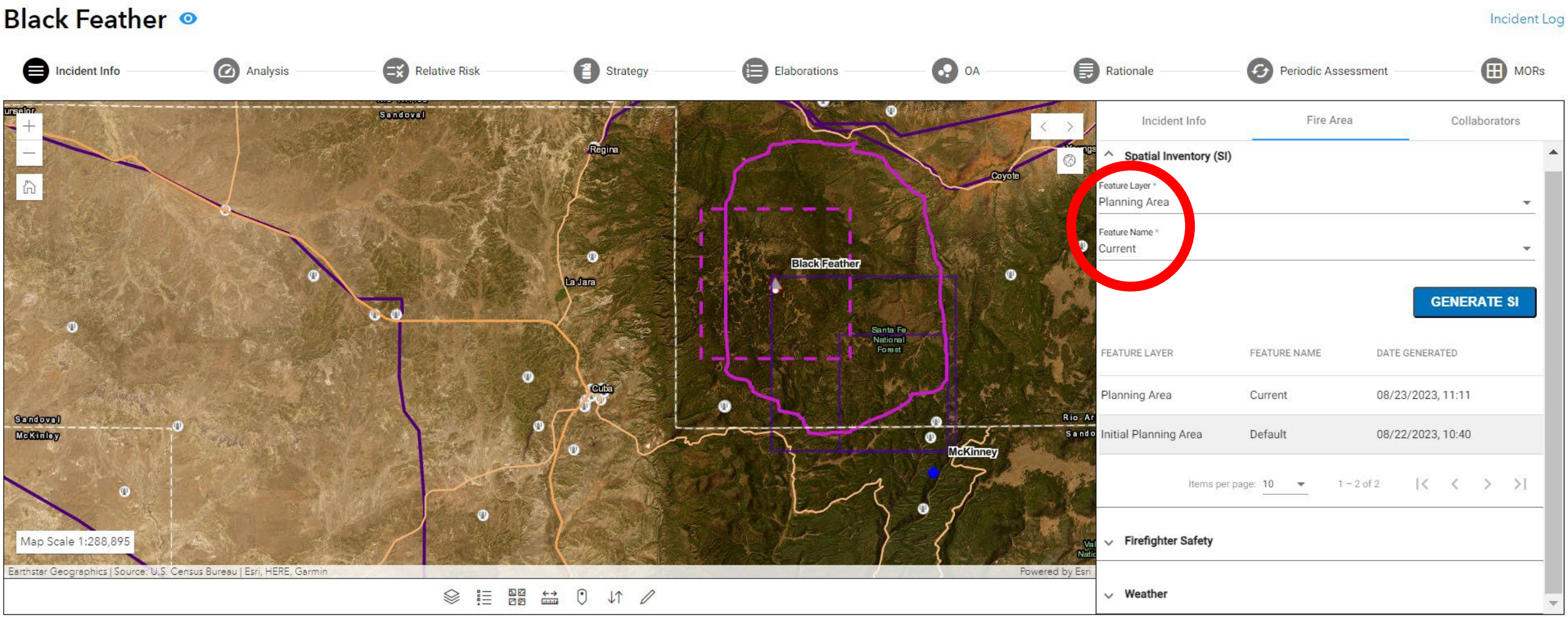
WFDSS Next Gen – Spatial Inventories can now be viewed or generated



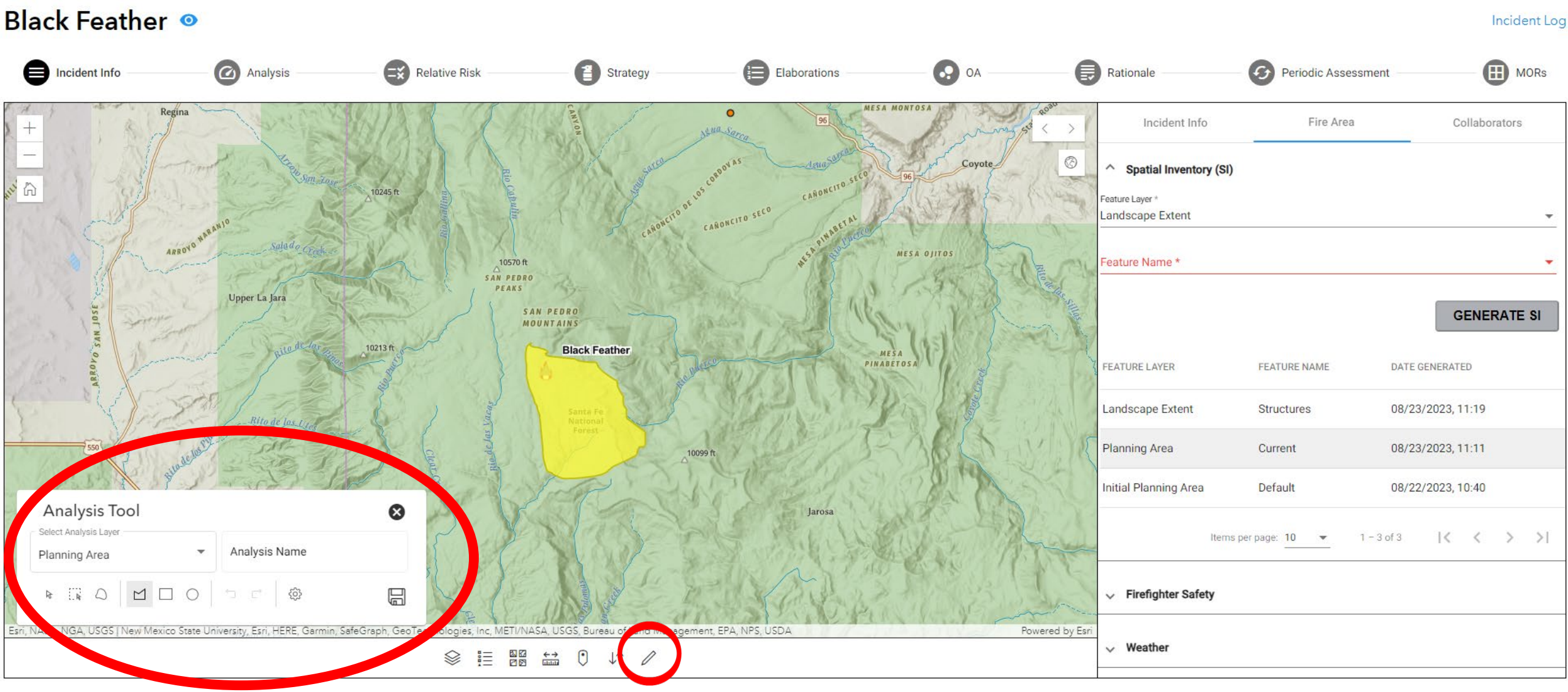
WFDSS Next Gen – Spatial Inventory can be generated by selecting a Feature Layer Category. There will be more categories added in the future. Clicking the arrows on the upper right of the map will allow users to expand and collapse the map area.



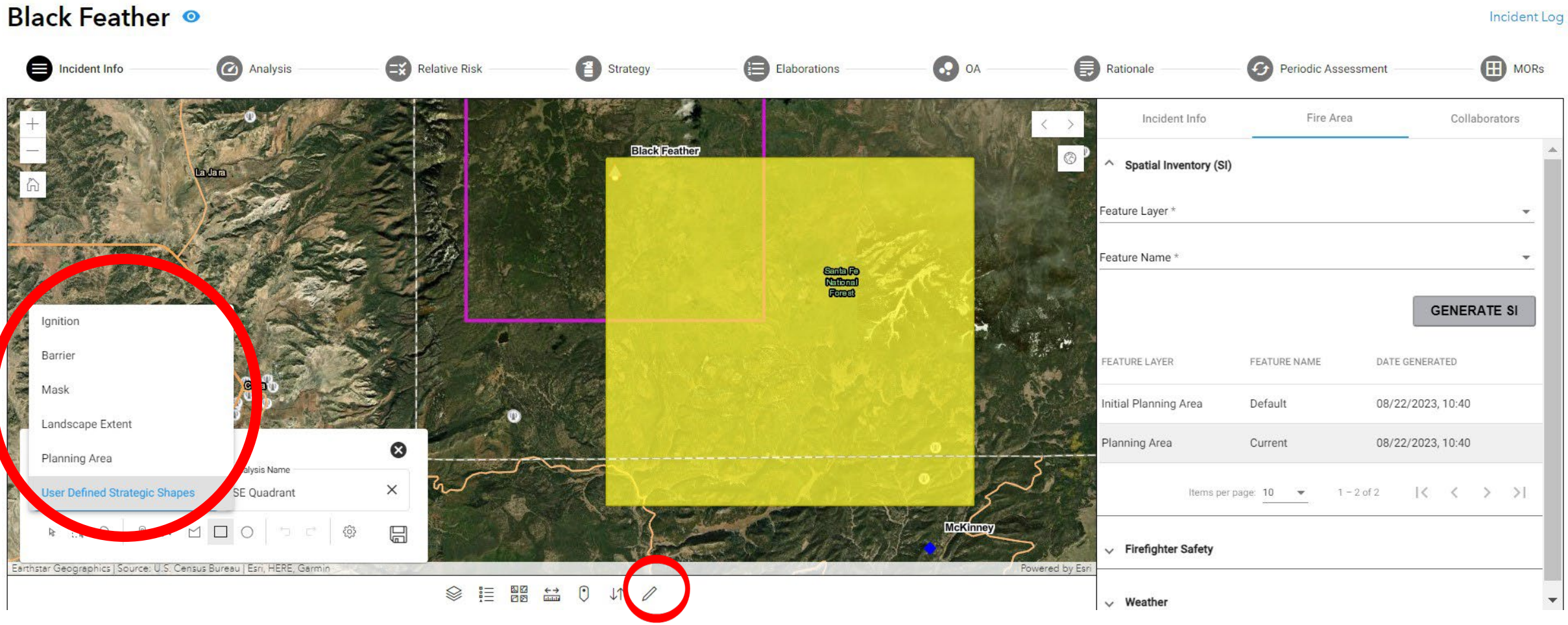
WFDSS Next Gen – Once the Feature Layer Category is chosen, the Feature Name will populate with available shapes.



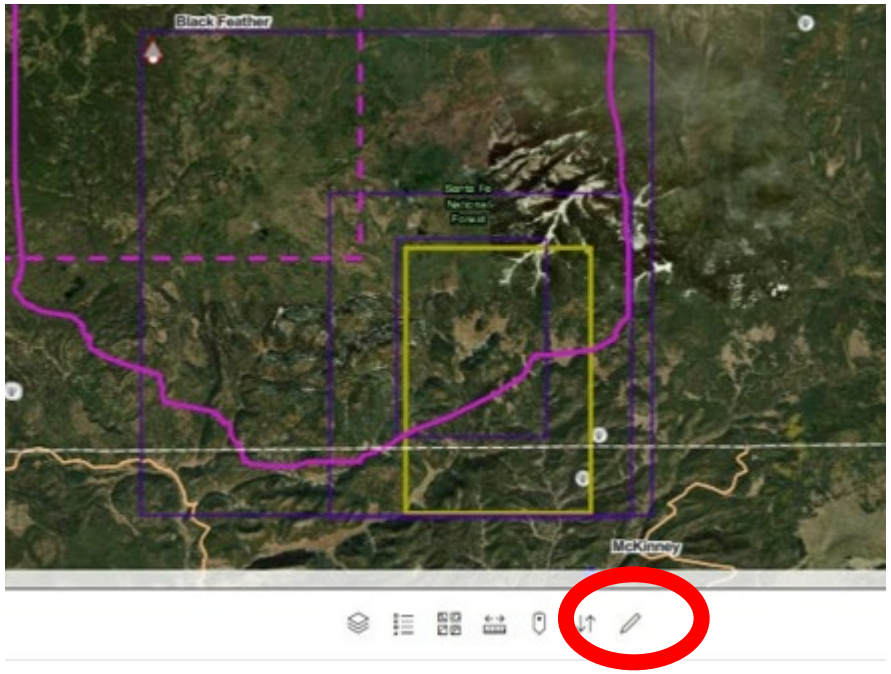
WFDSS Next Gen – Users can utilize the analysis drawing tool to draw shapes.



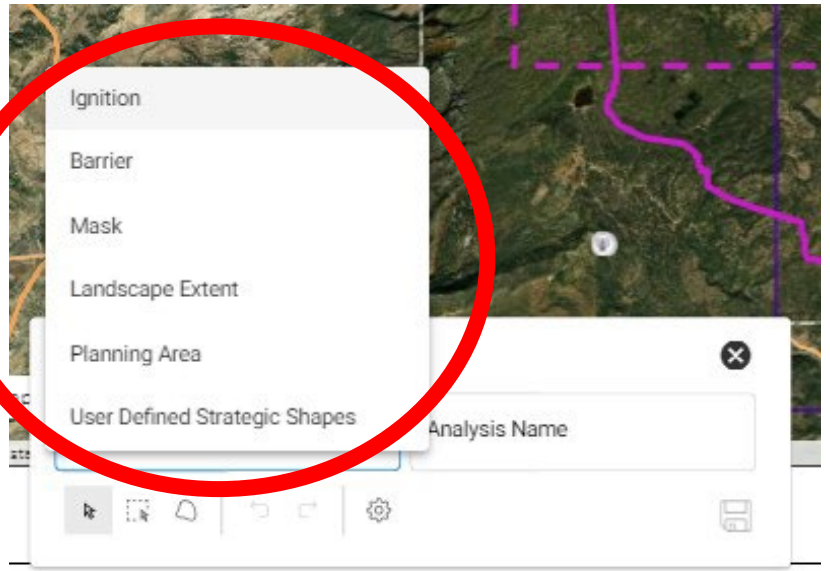
WFDSS Next Gen – Users can create layers in several different categories with the analysis drawing tool



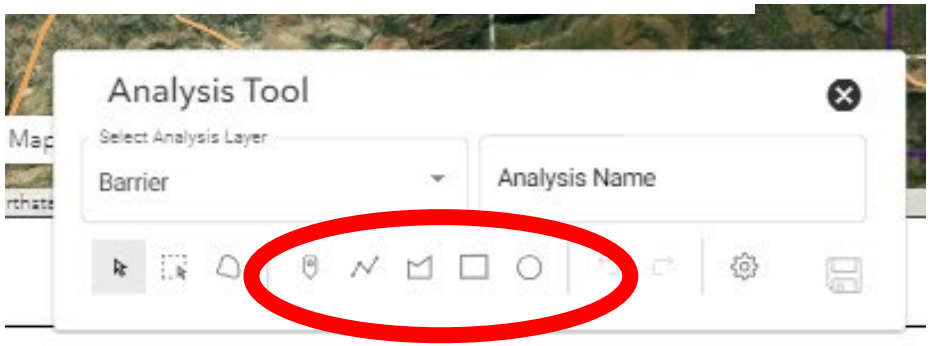
WFDSS Next Gen – Review of the analysis drawing tool, analysis layer categories and the various shapes that can be drawn.



Analysis Drawing Tool

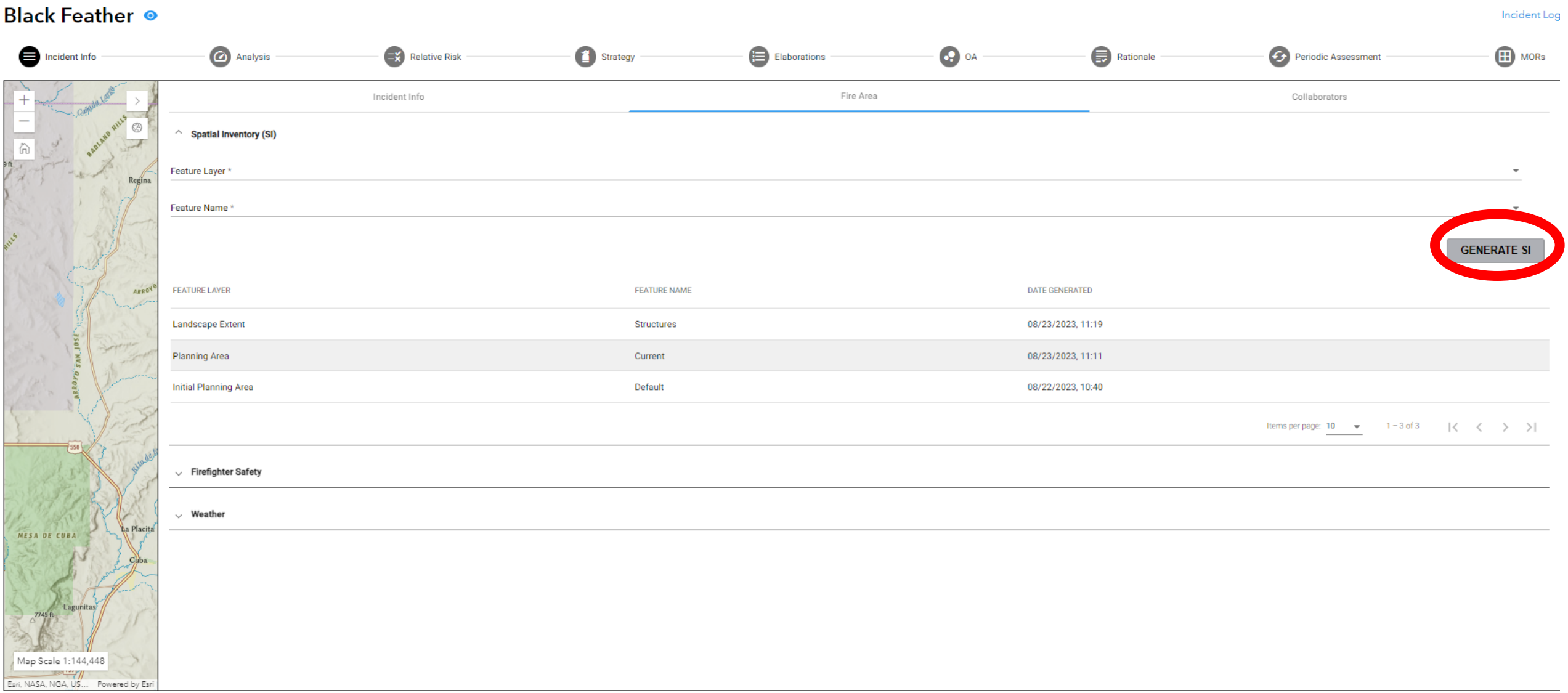


Various Analysis Shape Categories

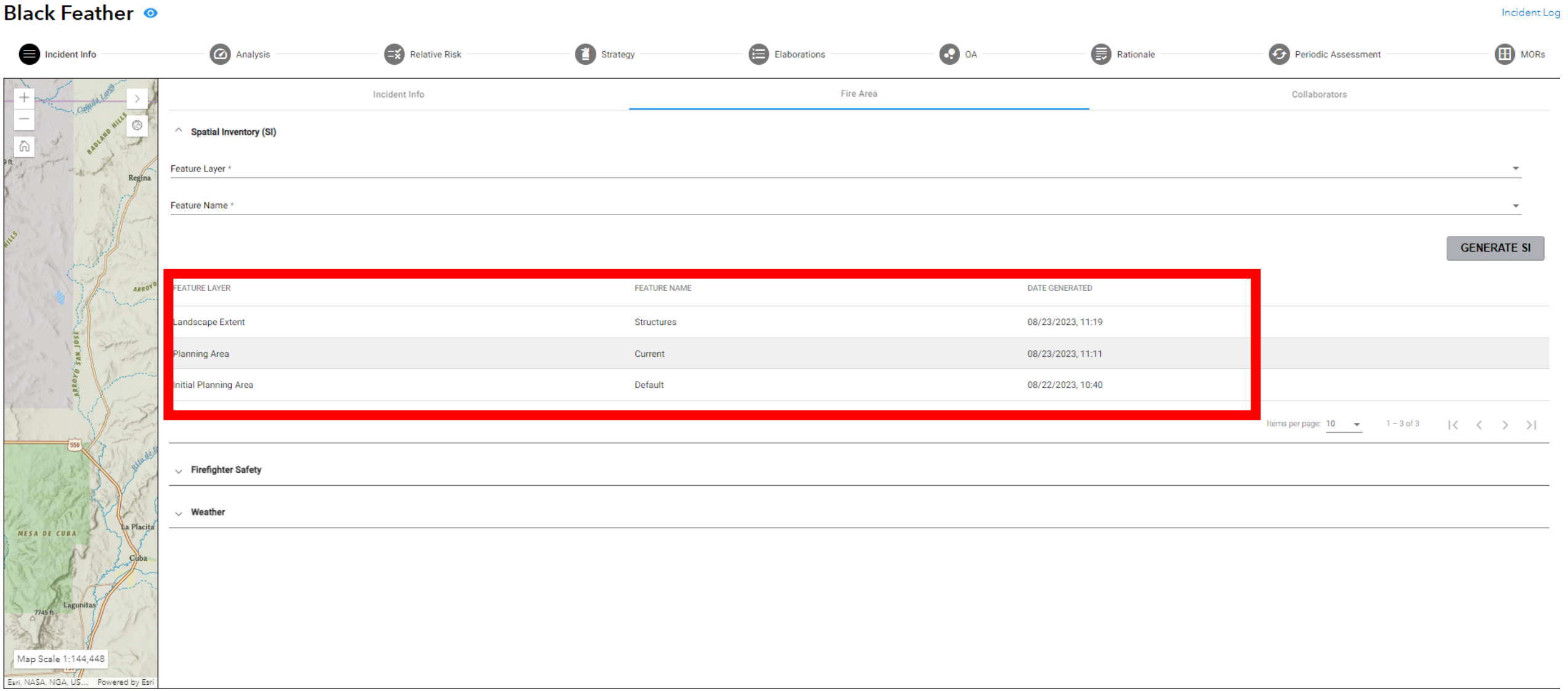


Available shape types available will depend on the analysis layer chosen

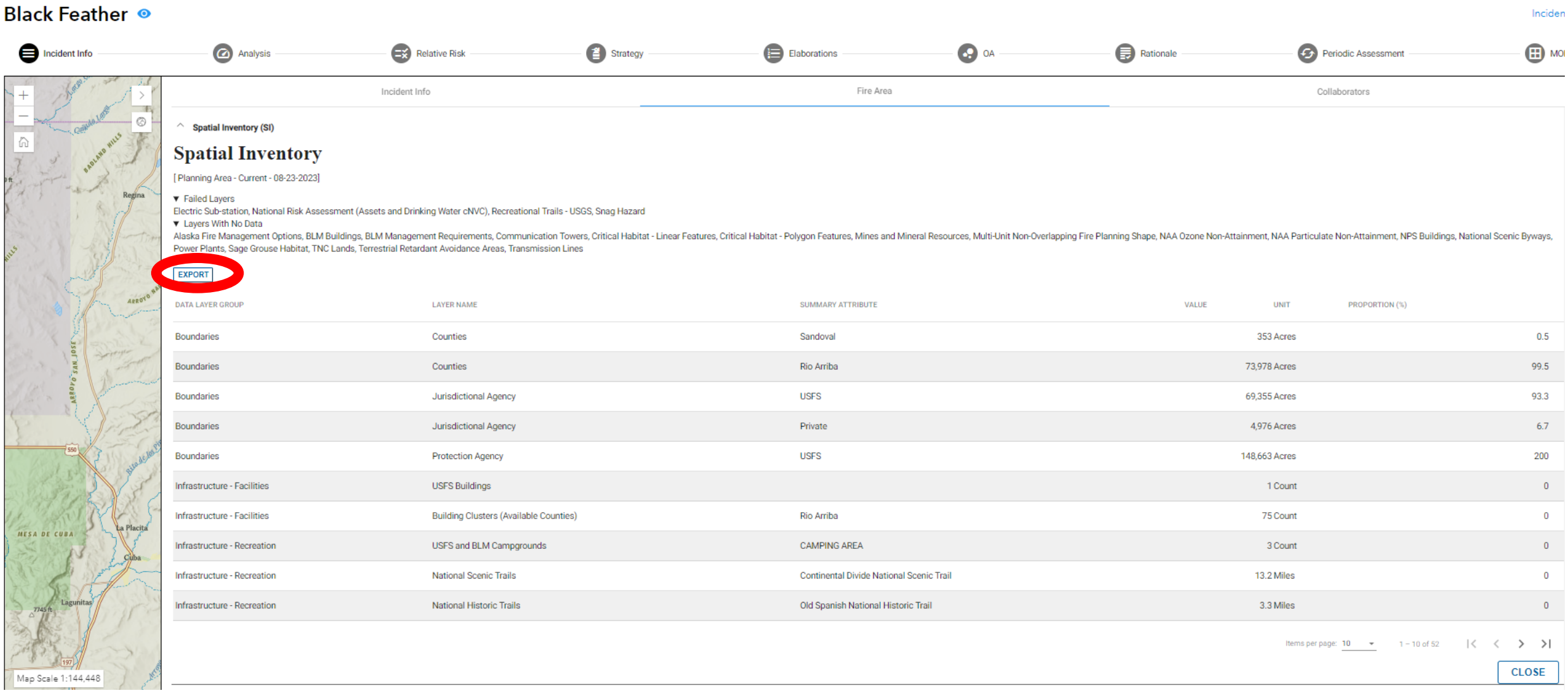
WFDSS Next Gen – Once the Feature Layer and Feature name are populated, the GENERATE SI button will be available.



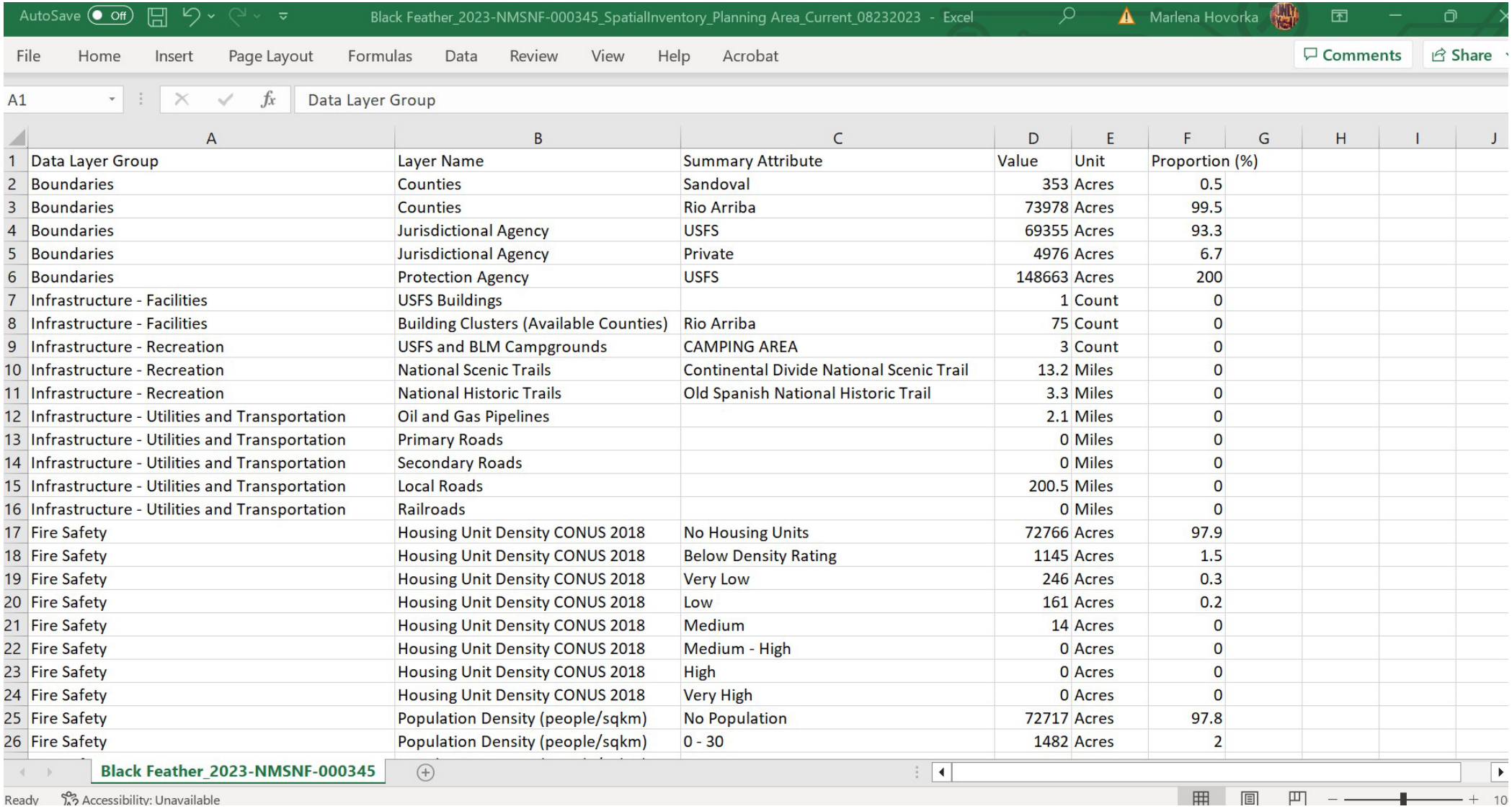
WFDSS Next Gen – Users can select the Spatial Inventory they want to view by clicking the SI.



WFDSS Next Gen – The Spatial Inventory will show all Failed Layers, Layers with No Data, as well as the sampled layer results. The out put can be exported to Excel.



WFDSS Next Gen – Spatial Inventory results can easily be viewed and shared in Excel.



AutoSave Off | Black Feather_2023-NMSNF-000345_SpatialInventory_Planning Area_Current_08232023 - Excel | Marlena Hovorka

File Home Insert Page Layout Formulas Data Review View Help Acrobat | Comments | Share

A1 | Data Layer Group

	A	B	C	D	E	F	G	H	I	J
1	Data Layer Group	Layer Name	Summary Attribute	Value	Unit	Proportion (%)				
2	Boundaries	Counties	Sandoval	353	Acres	0.5				
3	Boundaries	Counties	Rio Arriba	73978	Acres	99.5				
4	Boundaries	Jurisdictional Agency	USFS	69355	Acres	93.3				
5	Boundaries	Jurisdictional Agency	Private	4976	Acres	6.7				
6	Boundaries	Protection Agency	USFS	148663	Acres	200				
7	Infrastructure - Facilities	USFS Buildings		1	Count	0				
8	Infrastructure - Facilities	Building Clusters (Available Counties)	Rio Arriba	75	Count	0				
9	Infrastructure - Recreation	USFS and BLM Campgrounds	CAMPING AREA	3	Count	0				
10	Infrastructure - Recreation	National Scenic Trails	Continental Divide National Scenic Trail	13.2	Miles	0				
11	Infrastructure - Recreation	National Historic Trails	Old Spanish National Historic Trail	3.3	Miles	0				
12	Infrastructure - Utilities and Transportation	Oil and Gas Pipelines		2.1	Miles	0				
13	Infrastructure - Utilities and Transportation	Primary Roads		0	Miles	0				
14	Infrastructure - Utilities and Transportation	Secondary Roads		0	Miles	0				
15	Infrastructure - Utilities and Transportation	Local Roads		200.5	Miles	0				
16	Infrastructure - Utilities and Transportation	Railroads		0	Miles	0				
17	Fire Safety	Housing Unit Density CONUS 2018	No Housing Units	72766	Acres	97.9				
18	Fire Safety	Housing Unit Density CONUS 2018	Below Density Rating	1145	Acres	1.5				
19	Fire Safety	Housing Unit Density CONUS 2018	Very Low	246	Acres	0.3				
20	Fire Safety	Housing Unit Density CONUS 2018	Low	161	Acres	0.2				
21	Fire Safety	Housing Unit Density CONUS 2018	Medium	14	Acres	0				
22	Fire Safety	Housing Unit Density CONUS 2018	Medium - High	0	Acres	0				
23	Fire Safety	Housing Unit Density CONUS 2018	High	0	Acres	0				
24	Fire Safety	Housing Unit Density CONUS 2018	Very High	0	Acres	0				
25	Fire Safety	Population Density (people/sqkm)	No Population	72717	Acres	97.8				
26	Fire Safety	Population Density (people/sqkm)	0 - 30	1482	Acres	2				

Black Feather_2023-NMSNF-000345

Ready | Accessibility: Unavailable

WFDSS Next Gen – Spatial Inventory Data Layers for Boundaries & Infrastructure

Data Layer Group	Layer Name	Summary Attribute
Boundaries	Counties	Sandoval
Boundaries	Counties	Rio Arriba
Boundaries	Jurisdictional Agency	USFS
Boundaries	Jurisdictional Agency	Private
Boundaries	Protection Agency	USFS
Infrastructure - Facilities	USFS Buildings	
Infrastructure - Facilities	Building Clusters (Available Counties)	Rio Arriba
Infrastructure - Recreation	USFS and BLM Campgrounds	CAMPING AREA
Infrastructure - Recreation	National Scenic Trails	Continental Divide National Scenic Trail
Infrastructure - Recreation	National Historic Trails	Old Spanish National Historic Trail
Infrastructure - Utilities and Transportation	Oil and Gas Pipelines	
Infrastructure - Utilities and Transportation	Primary Roads	
Infrastructure - Utilities and Transportation	Secondary Roads	
Infrastructure - Utilities and Transportation	Local Roads	
Infrastructure - Utilities and Transportation	Railroads	

WFDSS Next Gen – Spatial Inventory Data Layers for Fire Safety

Data Layer Group	Layer Name	Summary Attribute
Fire Safety	Housing Unit Density CONUS 2018	No Housing Units
Fire Safety	Housing Unit Density CONUS 2018	Below Density Rating
Fire Safety	Housing Unit Density CONUS 2018	Very Low
Fire Safety	Housing Unit Density CONUS 2018	Low
Fire Safety	Housing Unit Density CONUS 2018	Medium
Fire Safety	Housing Unit Density CONUS 2018	Medium - High
Fire Safety	Housing Unit Density CONUS 2018	High
Fire Safety	Housing Unit Density CONUS 2018	Very High
Fire Safety	Population Density (people/sqkm)	No Population
Fire Safety	Population Density (people/sqkm)	0 - 30
Fire Safety	Population Density (people/sqkm)	30 - 100
Fire Safety	Population Density (people/sqkm)	100 - 300
Fire Safety	Population Density (people/sqkm)	300 - 1,000
Fire Safety	Population Density (people/sqkm)	1,000 - 3,000
Fire Safety	Population Density (people/sqkm)	3,000 - 10,000
Fire Safety	Population Density (people/sqkm)	> 10,000
Fire Safety	Estimated Ground Evacuation Time	1 to 2 hours
Fire Safety	Estimated Ground Evacuation Time	2 to 4 hours
Fire Safety	Estimated Ground Evacuation Time	4 to 6 hours
Fire Safety	Estimated Ground Evacuation Time	More than 6 hours
Fire Safety	Suppression Difficulty Index 97th (SDI)	Lowest Difficulty (0-10)
Fire Safety	Suppression Difficulty Index 97th (SDI)	
Fire Safety	Suppression Difficulty Index 97th (SDI)	20-40
Fire Safety	Suppression Difficulty Index 97th (SDI)	40-70
Fire Safety	Suppression Difficulty Index 97th (SDI)	70-100
Fire Safety	Suppression Difficulty Index 97th (SDI)	Highest Difficulty (>100)
Fire Safety	Potential Control Line (PCL)	No Data
Fire Safety	Potential Control Line (PCL)	Very Low (0-10)
Fire Safety	Potential Control Line (PCL)	
Fire Safety	Potential Control Line (PCL)	26-50
Fire Safety	Potential Control Line (PCL)	51-75
Fire Safety	Potential Control Line (PCL)	High (76-100)

WFDSS Next Gen – Spatial Inventory Other available data layers

Data Layer Group	Layer Name	Summary Attribute
Natural and Cultural Resources - Air Quality	Class 1 Airsheds	
Resource Management Considerations	Aquatic Retardant Avoidance Areas	
Unit Fire Planning	Unit-Level Non-Overlapping Fire Planni	NMSNF
Unit Fire Planning	Sub-Unit Non-Overlapping Fire Planning	NMSNF
Unit Fire Planning	Sub-Unit Overlapping Fire Planning Sha	NMSNF
	Electric Sub-station	Failed Layer
	National Risk Assessment (Assets and D	Failed Layer
	Recreational Trails - USGS	Failed Layer
	Snag Hazard	Failed Layer
	Alaska Fire Management Options	Layer With No Data
	BLM Buildings	Layer With No Data
	BLM Management Requirements	Layer With No Data
	Communication Towers	Layer With No Data
	Critical Habitat - Linear Features	Layer With No Data
	Critical Habitat - Polygon Features	Layer With No Data
	Mines and Mineral Resources	Layer With No Data
	Multi-Unit Non-Overlapping Fire Planni	Layer With No Data
	NAA Ozone Non-Attainment	Layer With No Data
	NAA Particulate Non-Attainment	Layer With No Data
	NPS Buildings	Layer With No Data
	National Scenic Byways	Layer With No Data
	Power Plants	Layer With No Data
	Sage Grouse Habitat	Layer With No Data
	TNC Lands	Layer With No Data
	Terrestrial Retardant Avoidance Areas	Layer With No Data
	Transmission Lines	Layer With No Data

WFDSS Next Gen – Spatial Inventory available data layers????

- Are there other data layers that should be included in Spatial Inventory?

- Please let us know in the user group session survey.

WFDSS Next Gen – Survey

- Please complete the user survey!!
- Survey Link: https://forms.office.com/g/STp0rsTpPd
- Your input is important!!

WFDSS Next Gen – Useful Links

- Link to SFP Service: WFMRDA Spatial Fire Planning Service (arcgis.com)
- Link to current video: Spatial Fire Planning Service – YouTube
- Link to WFDSS Next Gen User Group site: https://wfmrda.nwcg.gov/news/next-generation-wfdss
- Link to WFDSS Feedback (NextGen): https://forms.office.com/Pages/ResponsePage.aspx?id=5zZb7e4BvE6GfuA8-g1Gl4_EsH1Ow3FLoZYTY2sqetVUMUdDUldCSFZPVlhRNDVQUjVVTFQ0MTlCUi4u