



# ALABAMA 911 BOARD

**April 23, 2024**  
**Talk About It Tuesday!**



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Upcoming Training, Deadlines, and Reminders

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Questions



# Our Team

(334) 440-7911



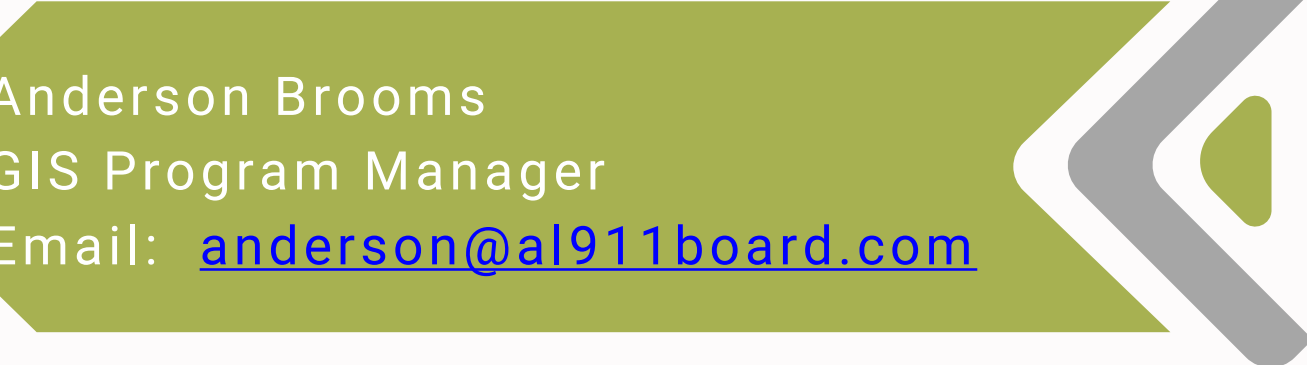
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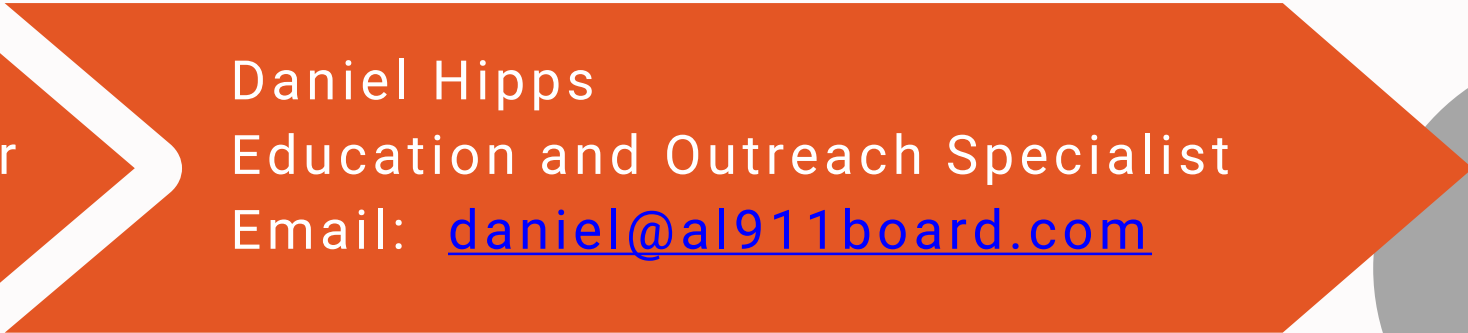
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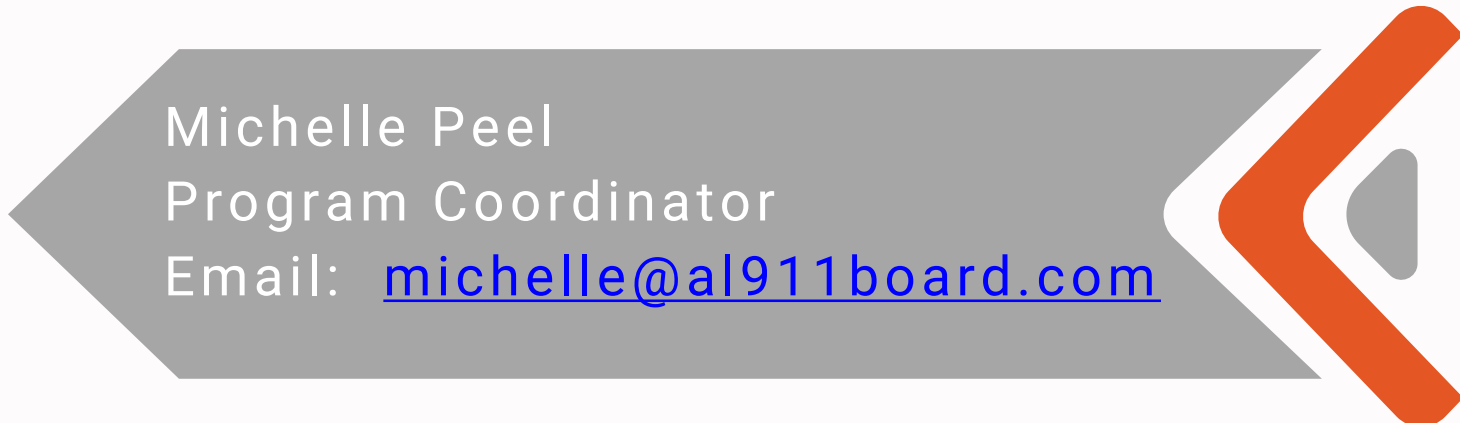
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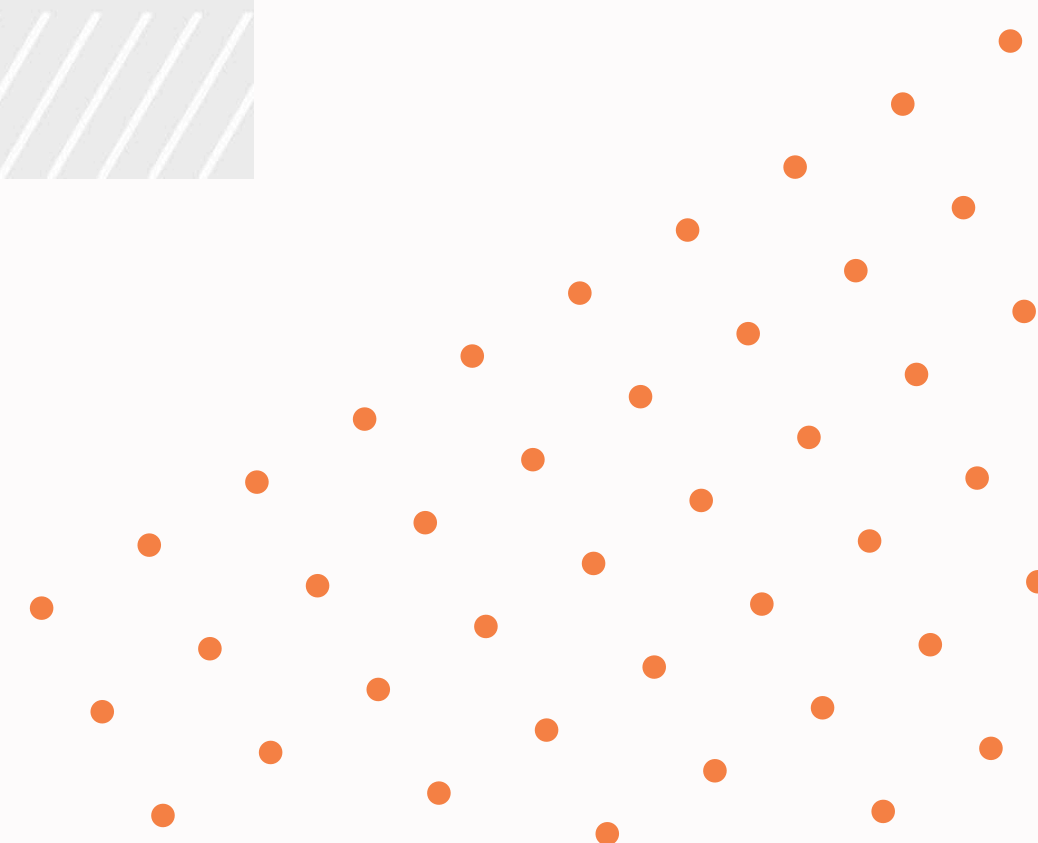


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## ***DATAMARK VEP QUARTERLY RELEASE***

- ✓ Fishbone validation enhancements
- ✓ Increased observation functionalities
- ✓ Optimizations for the native and NENA v2 downloads





# DATAMARK VEP v2024.1.1

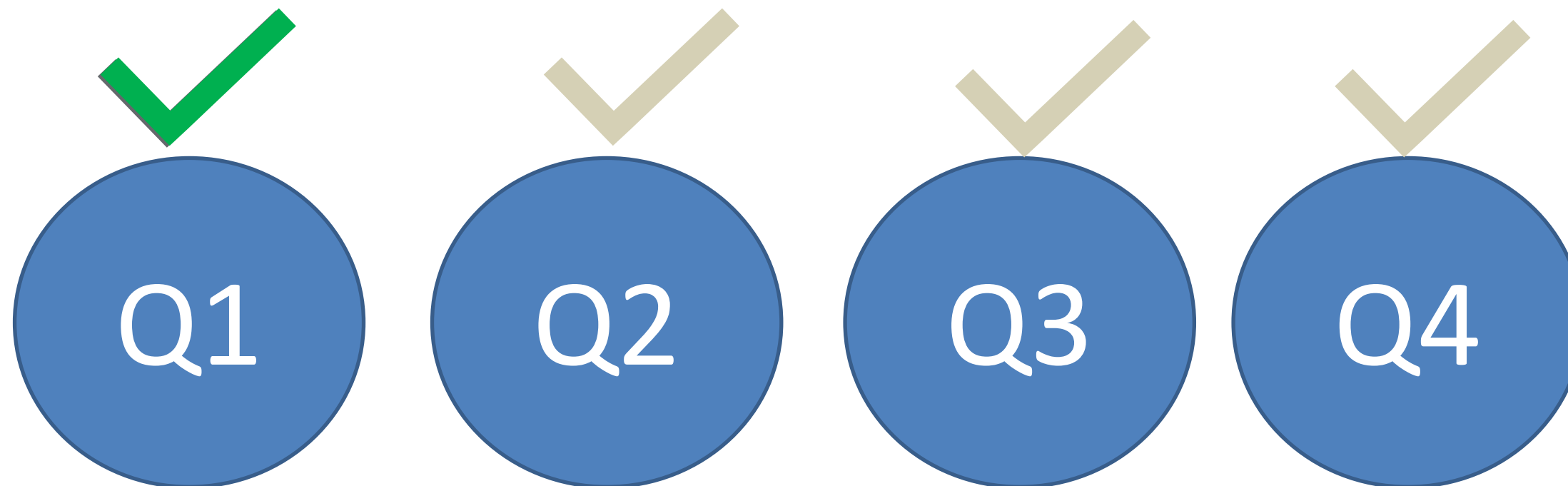
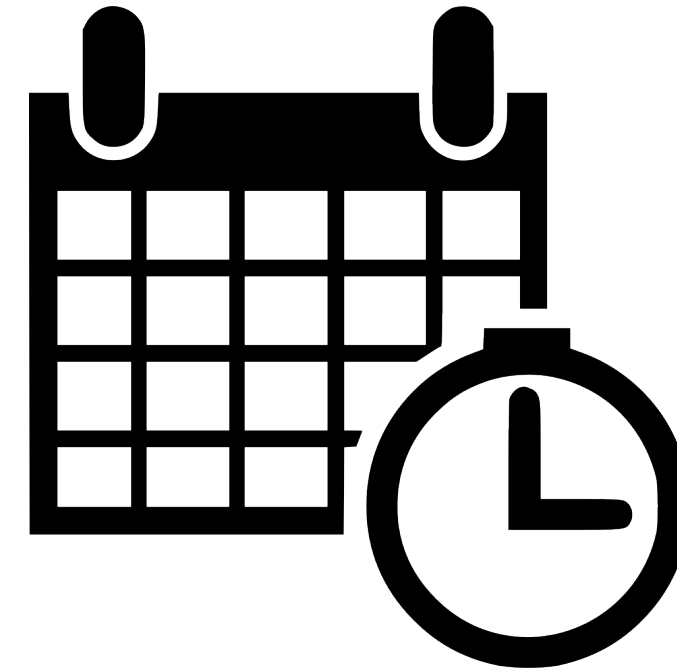
March 25, 2024

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**Michael Baker**  
INTERNATIONAL

# Release Schedule

- Quarterly Release Cycle
  - March
  - June
  - September
  - December
- Intermediary Releases
- Hotfixes



# DATA MARK

Admin

Admin

**Prevent Edit Reviews and Upload Approvals from Occurring if an Upload, Validation, Compression, or Approval is Occurring (E)**

Notifications and checks have been added to inform users if another user in the same instance tries to perform an edit review or upload approval while another edit review, upload approval, data upload, validation job, or database compression is ongoing. Users will receive updates about the current process and its status. To upload or approve an edit review, users must wait until the ongoing process is complete.

The screenshot shows the Admin interface with three tabs: Edit Reviews, Upload Reviews, and Approval Requests. The 'Upload Reviews' tab is active. A dropdown menu shows 'Choose Upload Submission: Upload #3037(Mar 04)'. Below this are filters for 'Feature: Select Layer' and 'Status: Select Status', with an 'Update Status: Select Status' dropdown and an 'Apply' button. A table displays the following data:

Zoom	Details	External NGUID	Type	Edit Actions	Feature	Upload Policy	Comments	Created By	Status
+	☰	9	UploadUpdat	Fire update	Fire	Apply All Edits, Adds, & Deletes			Approved
+	☰	5	UploadUpdat	Fire update	Fire	Apply All Edits, Adds, & Deletes			Approved
+	☰	4	UploadUpdat	Fire update	Fire	Apply All Edits, Adds, & Deletes			Approved
+	☰	8	UploadUpdat	Fire update	Fire				
+	☰	6	UploadUpdat	Fire update	Fire				
+	☰	10	UploadUpdat	Fire update	Fire				

An 'Info' dialog box is overlaid on the table, containing the following text: 'Reviews cannot be posted if other reviews are being posted, an upload, validation run, or database compression is taking place. Please wait until the following process(es) have completed before posting an approval session.' Below the text is a progress bar for 'Database Compression' at 10%. The dialog has an 'OK' button.

At the bottom left of the table, it says '1 - 8 of 8 results'. At the bottom right, there is a 'Post Upload' button.



[Admin](#)

**Queued Uploads** (E, V, S)

If an upload is attempted while another upload is processing, a validation is running, a database compression is occurring, or an approval is posting, the upload will be placed in a queue. Once the other processes have been completed, the upload will be processed.

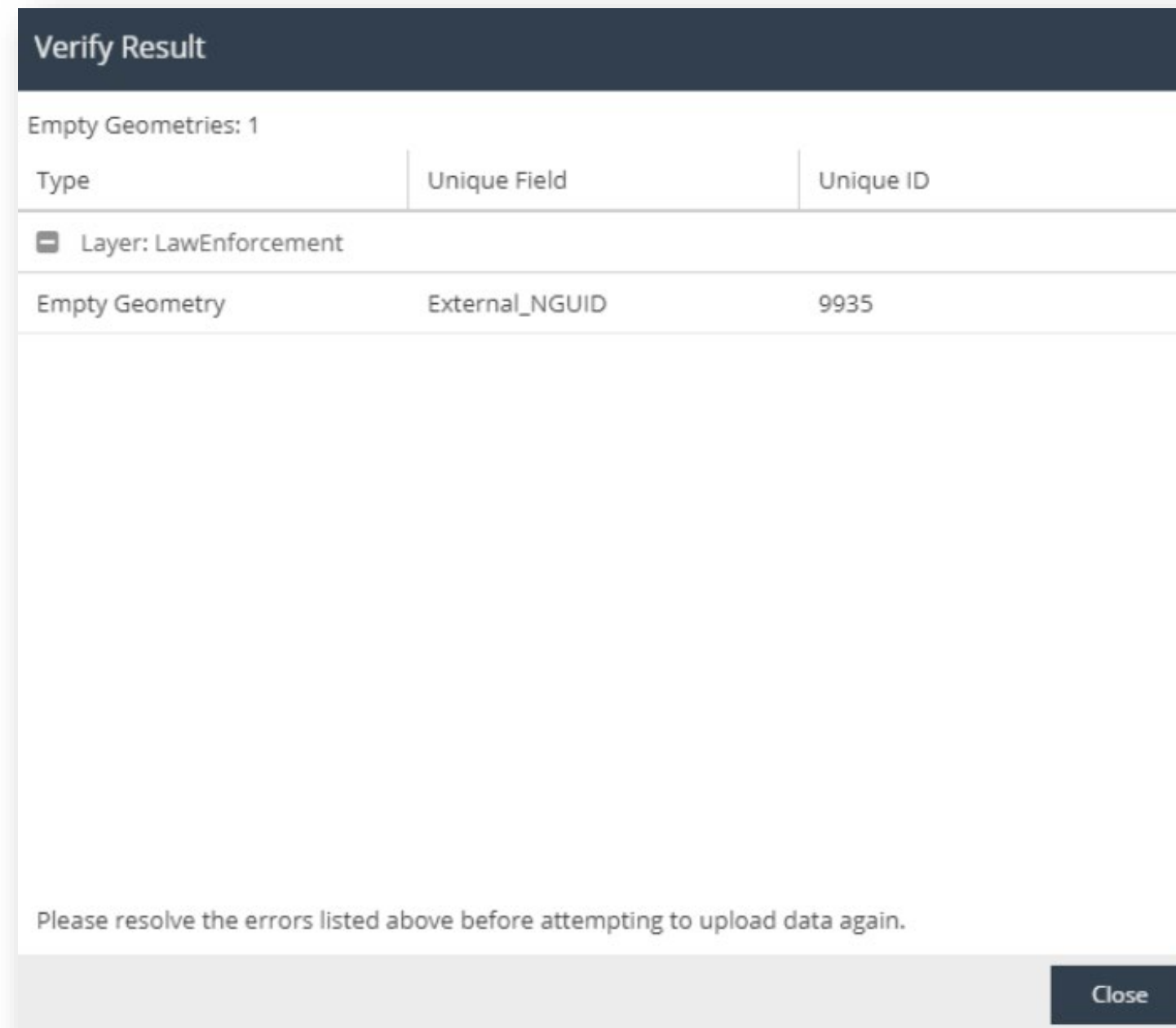
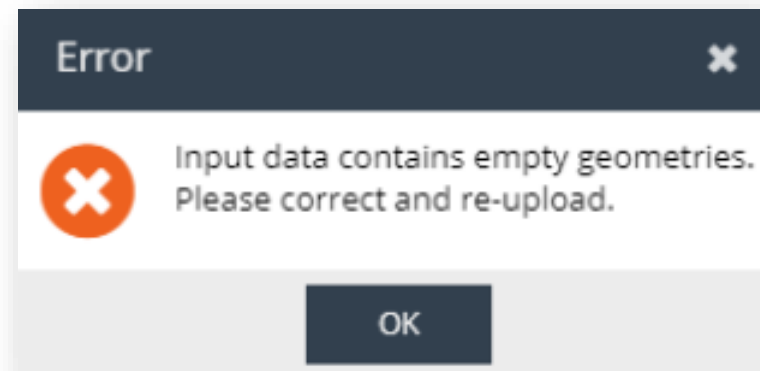
The screenshot shows a web application interface for managing uploads. On the left is a dark sidebar with navigation items: Dashboard, Uploads, Validate, Downloads, Utilities, and Reports. The main header is 'Uploads'. Below it, a sub-header 'Upload Requests' is highlighted with a blue arrow. The main content area features a search criteria section with 'From:' and 'To:' date pickers, a 'Search' button, and a 'Reset' button. Below the search is a tabbed interface with 'Upload Requests' selected. A table displays the following data:

Version Name	Upload File Name	Date Creat...	Additional Info	Status
DEFAULT (Mar 13 2024 05:39:26 am)	JacksonProvBound...	March 13, 2024, 5:39 am	Pending Job Found	Queued

[Admin](#)

**Prevent Features with Empty Geometries from Being Uploaded into VEP (E, V, S)**

The upload verification process has been enhanced to identify if a feature has a null geometry. If a feature with a null geometry is detected, the upload will not proceed and a message identifying the feature(s) will be displayed.



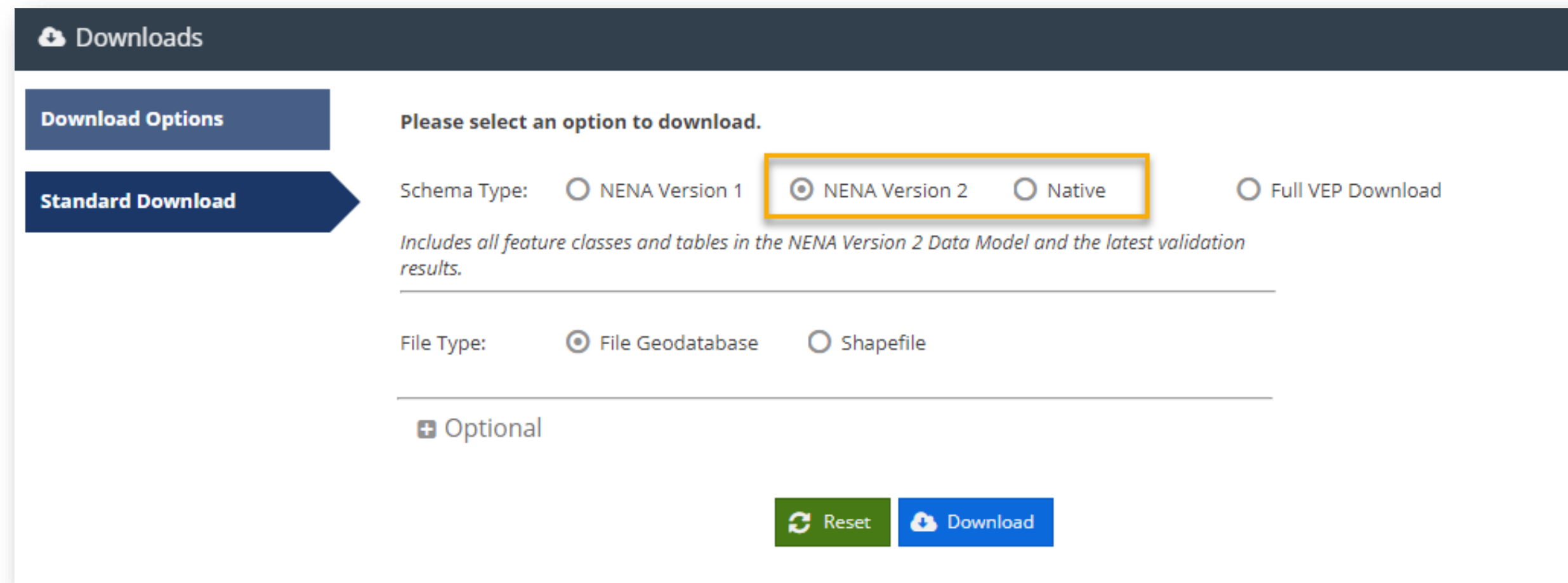


## Optimizations

## Optimizations

### Optimizations for the Native and NENA V2 Downloads (E, V, A, S)

Enhancements have been implemented for the Native and NENA V2 downloads, reducing download times.



The screenshot shows a web interface for downloading data. At the top, there is a dark blue header with a cloud icon and the text "Downloads". Below this, there are two dark blue buttons: "Download Options" and "Standard Download". The "Standard Download" button is highlighted with a white arrow pointing to the right. The main content area is white and contains the following elements:

- A heading: "Please select an option to download."
- A "Schema Type" section with three radio buttons: "NENA Version 1", "NENA Version 2" (which is selected and highlighted with an orange box), and "Native".
- A "Full VEP Download" radio button.
- A descriptive text: "Includes all feature classes and tables in the NENA Version 2 Data Model and the latest validation results."
- A "File Type" section with two radio buttons: "File Geodatabase" (selected) and "Shapefile".
- A section labeled "+ Optional".
- At the bottom, there are two buttons: a green "Reset" button and a blue "Download" button.

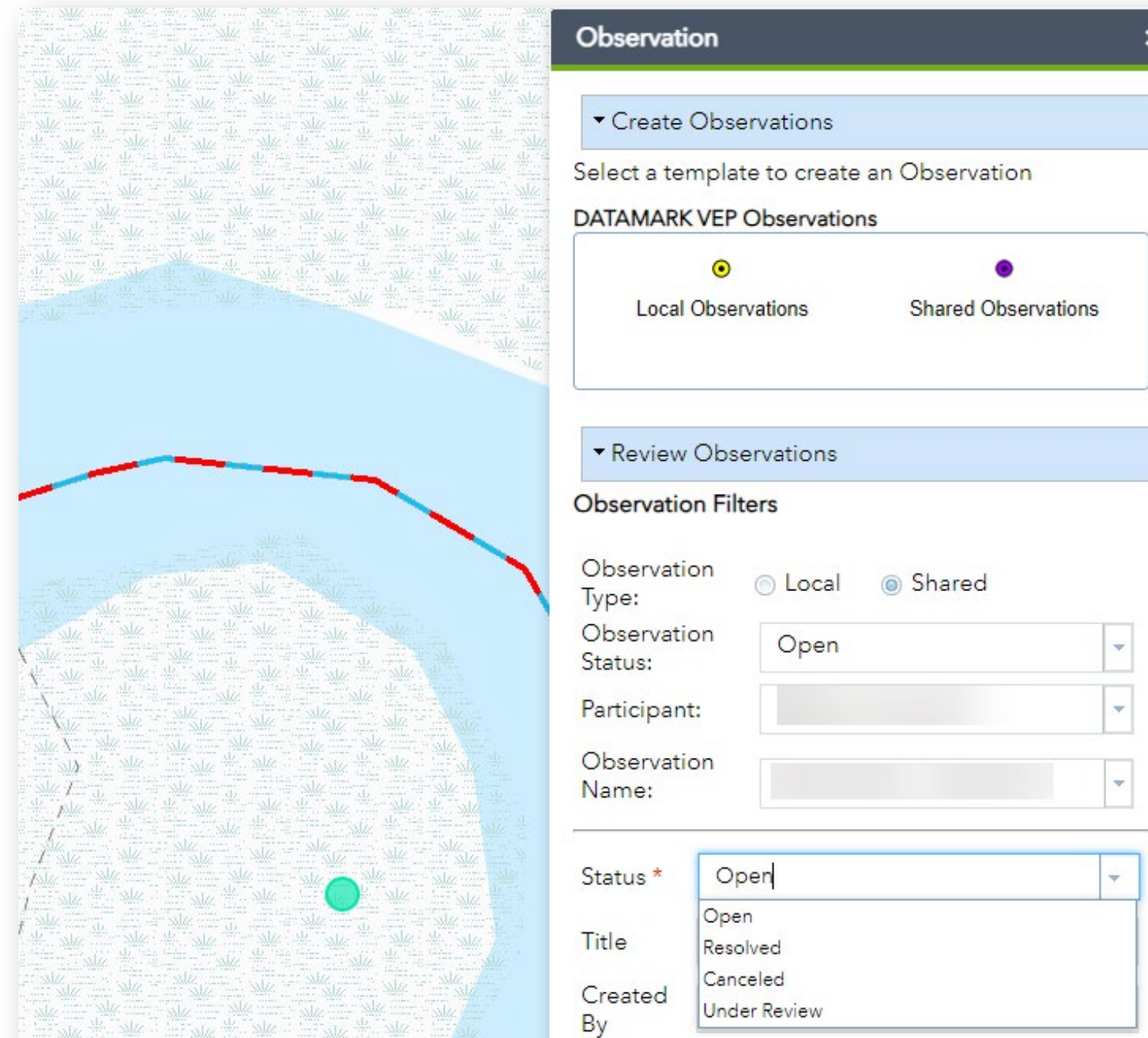


Observations

## Observations

### Editors and Observers Can Update Observation Statuses (E, A)

VEP Editors and Observers can now modify the status of any observations within their jurisdiction.



The screenshot displays a web application interface for managing observations. On the left, a map shows a geographical area with a green circle indicating a selected observation point. The right sidebar, titled "Observation", contains the following elements:

- Create Observations:** A dropdown menu with the text "Select a template to create an Observation".
- DATAMARK VEP Observations:** Two buttons: "Local Observations" (with a yellow circle icon) and "Shared Observations" (with a purple circle icon).
- Review Observations:** A dropdown menu.
- Observation Filters:**
  - Observation Type: Radio buttons for "Local" and "Shared" (with "Shared" selected).
  - Observation Status: A dropdown menu currently showing "Open".
  - Participant: A dropdown menu.
  - Observation Name: A dropdown menu.
- Status \*:** A dropdown menu currently showing "Open".
- Title:** A text input field.
- Created By:** A text input field.

The status dropdown menu is expanded, showing the following options: "Open", "Resolved", "Canceled", and "Under Review".

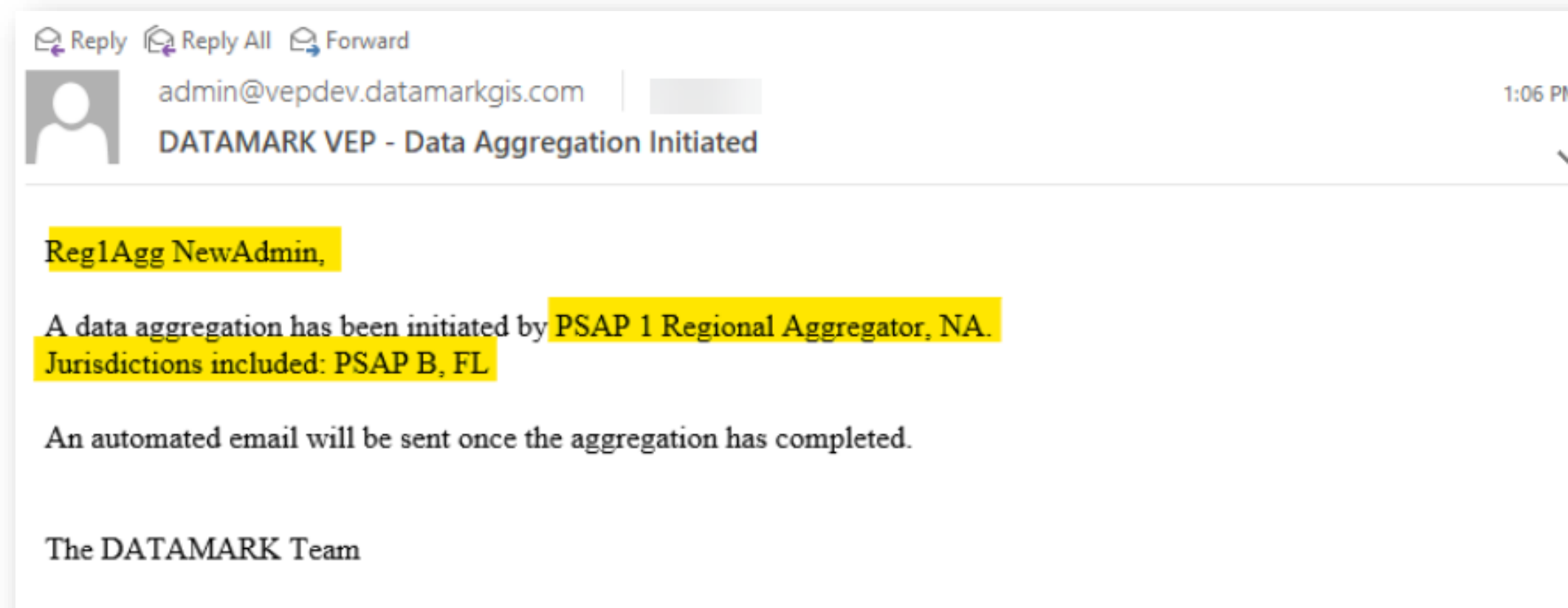


## Email Notifications

## Email Notifications

### Updates to Multi-Jurisdictional Email Notifications (E, A)

Email notifications include the name of the jurisdiction when data is marked ready for aggregation, when aggregations are initiated, when aggregations are completed, when cross-jurisdictional validations are initiated, and/or when cross-jurisdictional validations are completed.







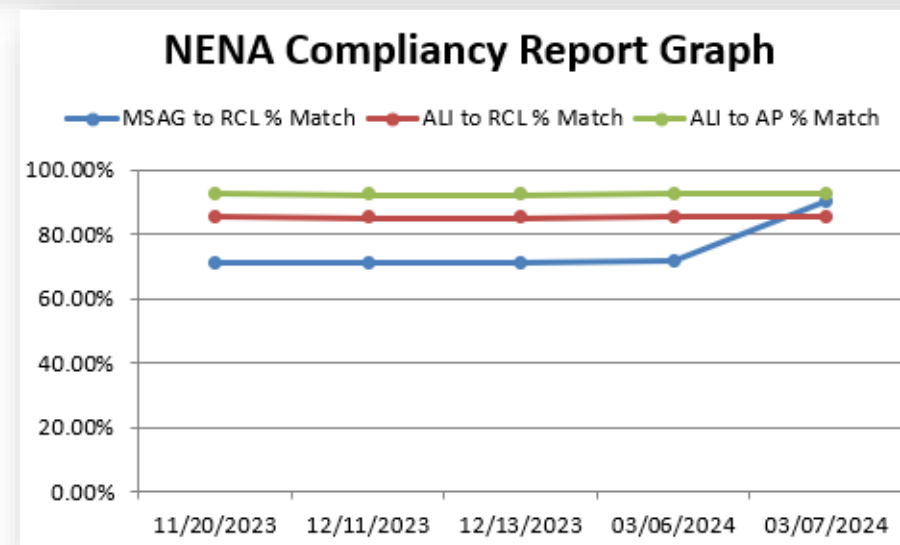
## Reports

## Reports

### Enhancements to the 98% NENA Compliancy Report (E, V, A)

The 98% NENA Compliancy Report underwent several enhancements. The report now includes new columns with the Number of ALI and MSAG records, while the percent change columns have been removed. Additionally, the "MSAG no GIS" column now incorporates metrics from VAL33-1, VAL33-2, and VAL33-3. The summary report is now restricted to the most recent 15 validation runs, and any validation runs where the MSAG or ALI were not conducted will be indicated as N/A. The graph associated with the report will exclude any N/A values from the trendline.

History	Jurisdiction	# AP Features	# RCL Feature	# ALI Records	# MSAG Records	MSAG no GIS	GIS no MSAG	MSAG to RCL % Match	ALI no GIS	ALI to RCL % Match	ALI to AP % Match
06/21/2023	PSAP A	29139	14481	8651	2917	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2023	PSAP A	29139	14481	8651	2917	N/A	N/A	N/A	N/A	N/A	N/A
11/20/2023	PSAP A	29139	14481	8651	2917	486	3681	71.22%	2075	85.67%	92.88%
11/28/2023	PSAP A	29139	14481	8651	2917	N/A	N/A	N/A	N/A	N/A	N/A
12/11/2023	PSAP A	29139	14481	8651	2917	487	3680	71.22%	2079	85.64%	92.87%
12/13/2023	PSAP A	29139	14481	8651	2917	N/A	N/A	N/A	N/A	N/A	N/A
12/13/2023	PSAP A	29139	14481	8651	2917	487	3680	71.22%	2079	85.64%	92.87%
12/13/2023	PSAP A	29139	14481	8651	2917	N/A	N/A	N/A	N/A	N/A	N/A
03/06/2024	PSAP A	29139	14481	8651	2917	475	3618	71.74%	2077	85.66%	92.87%
03/07/2024	PSAP A	29139	14481	8651	2917	475	916	90.39%	2077	85.66%	92.87%





MSAG Generator (Premium Feature)

## MSAG Generator

### **MSAG Generator Uses Populated Legacy Fields (E, V, A, S)**

The MSAG Generator now utilizes the populated legacy street fields instead of the NG911 Road Centerline street fields. Please consult the table below to see the revised corresponding fields for the MSAG Generator.

<b>GIS MSAG Data Fields</b>	<b>RCL (Road Centerline) Data Fields</b>
<b>dir</b>	LSt_PreDir
<b>st_name</b>	LSt_Name
<b>st_postyp</b>	LSt_Typ
<b>st_posdir</b>	Lst_PosDir



## Validations

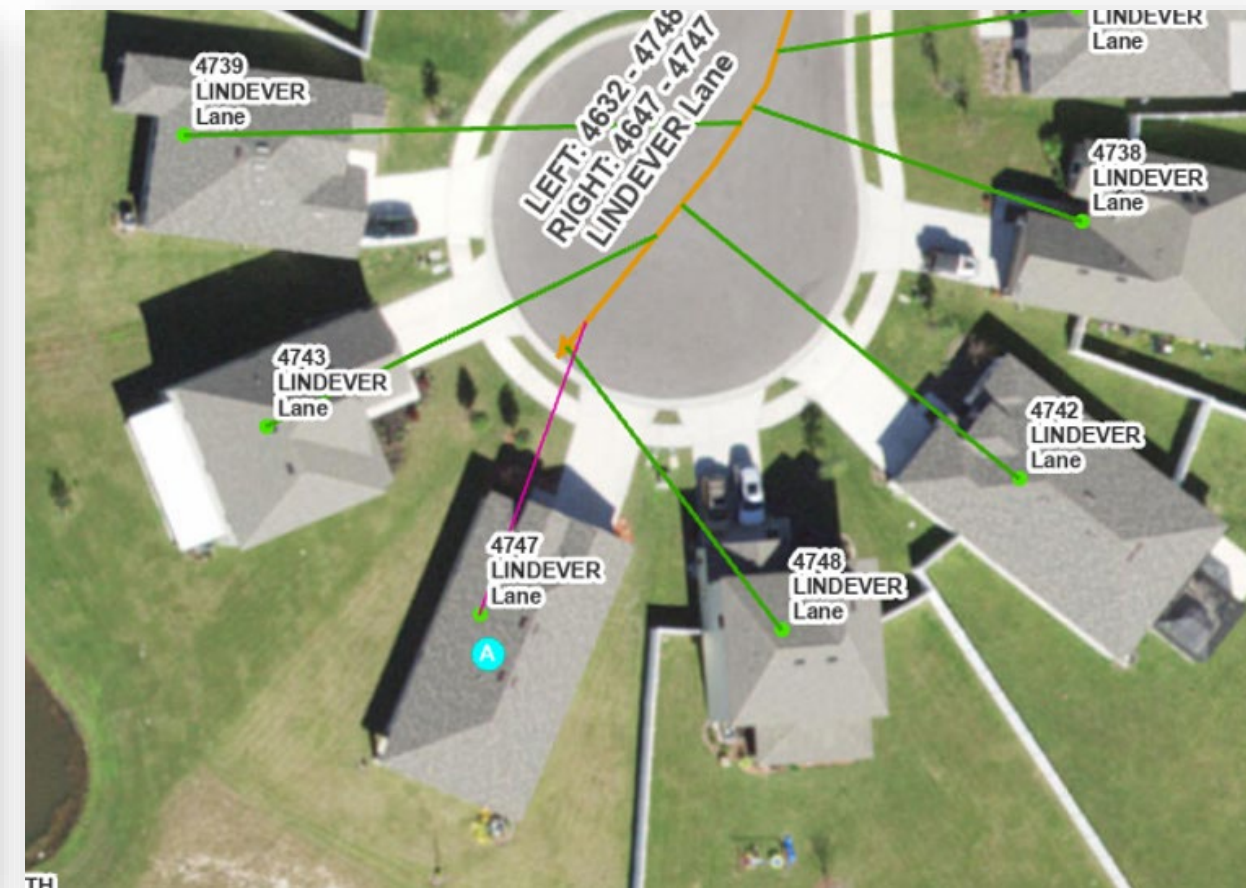
## Validations

### **Draw Fishbones Where a Range Inconsistency Occurs (E, V, S)**

If a Road Centerline is ranged from high to low, fishbones will draw from the correct Address Points to these Road Centerline segments.

### **Improve Fishbones Drawing to Road Centerline Endpoints (E, V, S)**

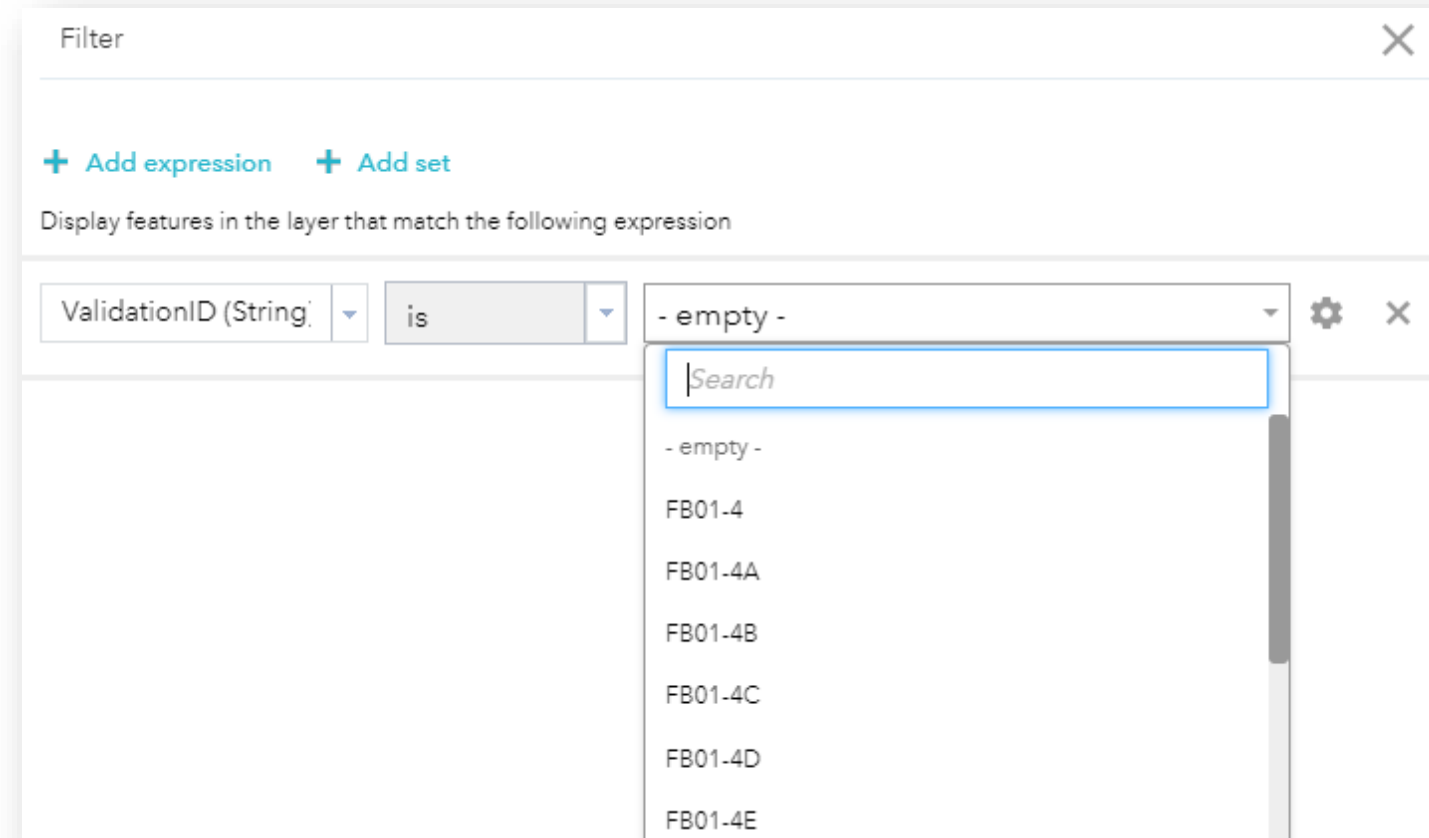
Enhancements have been made to improve the fishbones drawing to the end of Road Centerline segments. This occurs often with Address Points at the end of cul-de-sacs.



## Validations

### Enhancements Made to the AP Not Reflected in Road Centerline Validations (E, V, S)

The validations for the AP Not Reflected in RCL (Road Centerline) have been divided into seven sub-validations. Depending on why an Address Point does not create a fishbone with a Road Centerline, multiple anomalies may be identified. Address Points on the incorrect side of a Road Centerline will now also create a fishbone and be flagged with the anomaly FB01-4A. It is important to note that if any exceptions other than FB01-4 are marked, new exceptions will need to be marked if these Address Points are now flagged under a different Validation ID. Please refer to the table below for the new validation IDs.



## Validations

Validation ID	Description
<b>FB01-4</b>	Inconsistency between the Address Point and Road Centerline street attribute fields
<b>FB01-4A</b>	Address Point is on the wrong side of the Road Centerline with External NGUID: XXXX
<b>FB01-4B</b>	Address Point address number is not within the Road Centerline range
<b>FB01-4C</b>	Address Point Inc_Muni field contains different attribution than Road Centerline Inc_Muni field with External NGUID: XXXX
<b>FB01-4D</b>	Address Point Uninc_Comm field contains different attribution than Road Centerline Uninc_Comm field with External NGUID: XXXX
<b>FB01-4E</b>	Address Point State field contains different attribution than Road Centerline State field with External NGUID: XXXX
<b>FB01-4F</b>	Address Point County field contains different attribution than Road Centerline County field with External NGUID: XXXX



## Validations

### **Filter Out Road Centerlines with 0-0 Ranges from the RCL Not Reflected in MSAG Validations (E, V, S)**

Road Centerline segments with a left from and to, as well as a right from and to range of 0-0, will be excluded from the VAL34-1 and VAL36A-1 (RCL not shown in MSAG) validations.



## Validations

### Introducing the New [Validation Index](#) in the Knowledge Base

#### Description

**FB01-4** | Address Point contains different attribution than Road Centerline.

**FB01-4A** | Address Point is on the wrong side of the Road Centerline with External NGUID: XXXX

**FB01-4B** | Address Point address number is not within the Road Centerline range

**FB01-4C** | Address Point Inc\_Muni field contains different attribution than Road Centerline Inc\_Muni field with External NGUID: XXXX

**FB01-4D** | Address Point Uninc\_Comm field contains different attribution than Road Centerline Uninc\_Comm field with External NGUID: XXXX \*

**FB01-4E** | Address Point State field contains different attribution than Road Centerline State field with External NGUID: XXXX

#### Fields Used in Validation Logic

Address Point Fields	Road Centerline Fields
addnum_pre	adnumpre_l adnumpre_r
add_num	fromaddr_l toaddr_r fromaddr_l toaddr_r
<i>Address Point Topology Used</i>	parity_l parity_r
st_premod	st_premod
st_predir	st_predir
st_pretyp	st_pretyp
st_presep	st_presep
st_name	st_name



## Bug Fixes

[Bug Fixes](#)

**Scheduled Aggregations Running as Expected (A)**


When an Aggregator schedules an aggregation, this aggregation will occur as expected.

**Delete Scheduled "Ready for Aggregations" (E, V)**

Multi-jurisdictional users who schedule their data to be ready for aggregation can delete future scheduled occurrences.

Uploads

Data Aggregator



- ✓ Agree to share your data in the VEP environment
- ✓ Mark your GIS Data 'Ready for Aggregation'
- ✓ Schedule your 'Ready for Aggregation' flag (optional)
- ✓ The Collaboration Group Aggregator will be notified
- ✓ Monitor your emails for status changes and any follow up actions

Collaboration:  Share Data:

Schedule Ready for Aggregation Flag:  **Leave blank to run immediately** Date:  Time:

Recurrence Frequency:  None  Weekly  Bi-Weekly  Monthly

Notes:

Search Criteria

Data Aggregation Requests

Request Name	Data Ready	Additional Info	Data Status	Status Change	Notifications	Action
EP GIS Data	March 19, 2024, 11:00 am	Scheduled Date & Time : March 19, 2024, 11:00 am Recurrence Interval : none	Data Aggregation Request Scheduled	March 19, 2024, 9:20 am	Email Pending	<input type="button" value="✖"/>

## Sneak Peek – What's Coming in the Q2 Release?

- **Uploads**
  - The ability to upload file geodatabases into VEP that have attribute rules or contingent values.
  - Updated MSAG schema! No More concatenating data from InDigital to upload into VEP.
- **Validations**
  - MSAG and ALI validations will no longer use NG9-1-1 fields. These validations will only look at the legacy fields.
  - The ability to run validations as an Editor

# QUESTIONS?

Please reach out to your Account Manager or submit a question or comment anytime to the DATAMARK Support Center.

Updated Knowledge Base articles and release notes can also be found on the DATAMARK Support Center.

MORE INFORMATION IS ON OUR [WEBSITE](#)

# LEVEL UP



Dates	Training	Location	Organization
Apr 29, 2024	Mental Health First Aid for First Responders	Fairfield, AL	University of Alabama
May 01, 2024	NENA - Liability Issues in the 9-1-1 Center	Tuscaloosa, AL	Tuscaloosa County 9-1-1
May 06-May 10, 2024	APCO Public Safety Telecommunicator 1	Loxley, AL	Loxley Police Department
May 07, 2024	Mental Health First Aid for First Responders	Helena, AL	University of Alabama/City of Helena
May 18, 2024	Mental Health First Aid for First Responders	Monrovia, AL	University of Alabama
May 20-May 22, 2024	APCO Communications Center Manager, 1st Ed.	Huntsville, AL	University of Alabama Huntsville Police Department
May 24, 2024	Mental Health First Aid for First Responders	Huntsville, AL	University of Alabama

## Training Available



@alabama911board



Alabama 9-1-1 Board



@al911board



[al911board.com](https://al911board.com)



ENROLLMENT IS  
**NOW OPEN**  
**FOR VOIANCE AND PREPARED**



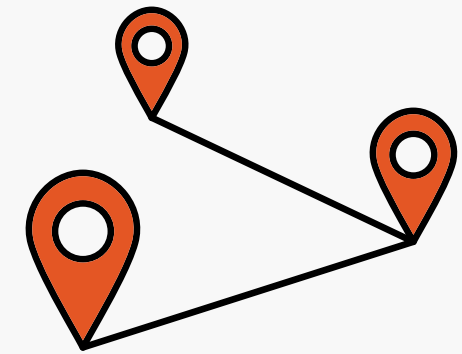


# DEADLINES AND REMINDERS

FY24 Legacy 9-1-1 Cost Reimbursement program is open! The new form is [here](#).



Upload, validate, aggregate your GIS data to the State office VEP.



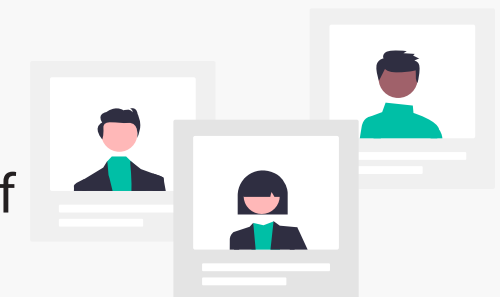
## PST CERTIFICATION REIMBURSEMENT

Request for Payment for PST Certification submissions made by the 10th will be paid out at the end of the month. Anything submitted after the 10th will be paid at the end of the following month. You can find more information [on our website](#).



## STAFFING CHANGES

Have you had a staffing change? If that person is ALPST certified or answering 911 calls, please fill out this [form](#). If that person is admin staff or otherwise does not answer 911 calls, fill out this [form](#).



## UPCOMING TALK ABOUT IT

*every 2<sup>nd</sup> & 4<sup>th</sup> TUESDAY*

What do you want us to talk about?



Twice Monthly  
Newsletter



*Scan to sign up!*



# Questions?

# Contact Us

(334) 440-7911



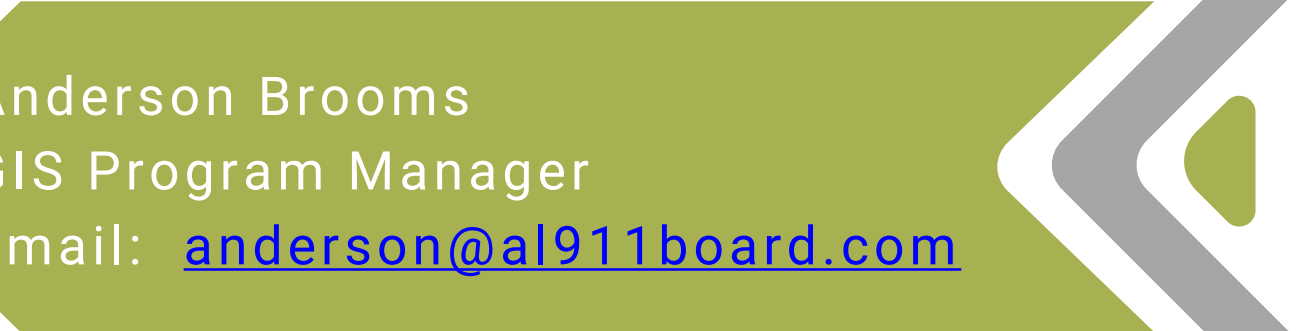
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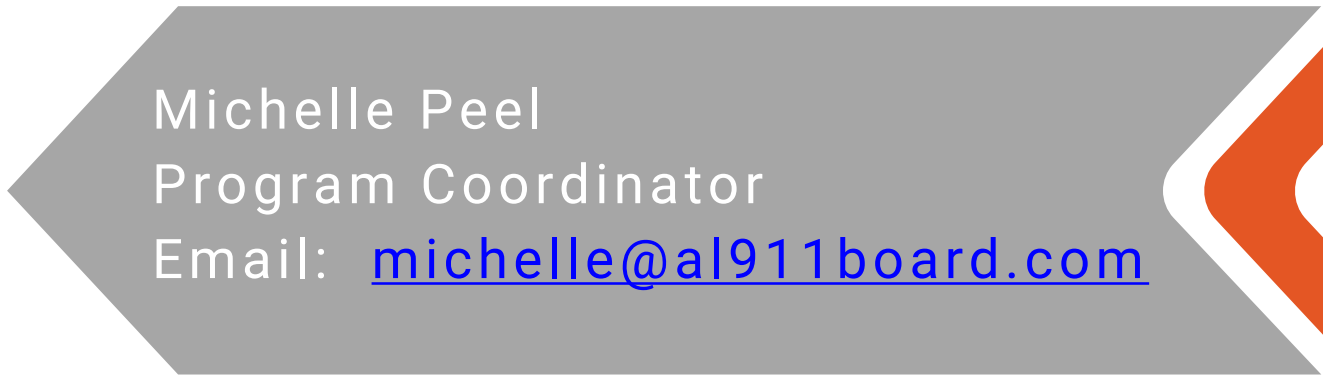
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