ALABAMA 9-1-1 BOARD

# April 23, 2024
# Talk About It Tuesday!

01 Our Team

02 DATAMARK VEP Updates

03 Questions

04 Upcoming Training, Deadlines, and Reminders

05 Questions

# Our Team

(334) 440-7911


Leah Missildine
Executive Director
Email: leah@al911board.com

Adam Brown
Deputy Director
Email: adam@al911board.com

Nida Jackson
Senior GIS Specialist
Email: nida@al911board.com

Anderson Brooms
GIS Program Manager
Email: anderson@al911board.com

Laura Ehrhart
Education & Outreach Program Manager
Email: laura@al911board.com

Daniel Hipps
Education and Outreach Specialist
Email: daniel@al911board.com

Michelle Peel
Program Coordinator
Email: michelle@al911board.com

AMERICA'S GO-TO AUTHORITY FOR PUBLIC SAFETY GIS

# DATAMARK VEP QUARTERLY RELEASE

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

DATAMARK

# DATAMARK VEP v2024.1.1

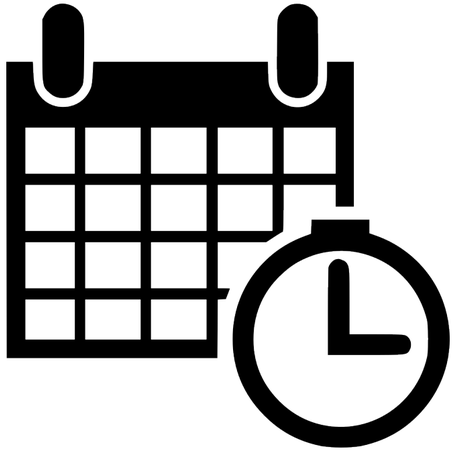
March 25, 2024

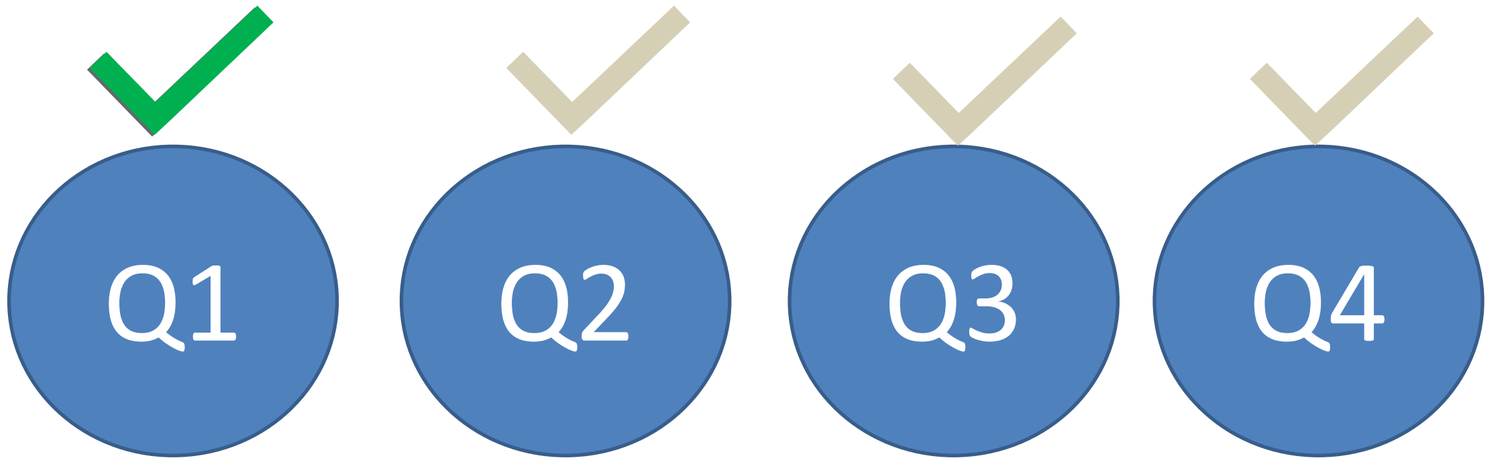
This document contains confidential and proprietary information. Reproduction and/or disclosure through any means is prohibited unless expressed, written consent of authorized representative of DATAMARK is obtained.

Michael Baker INTERNATIONAL

# Release Schedule

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





DATAMARK

# Admin

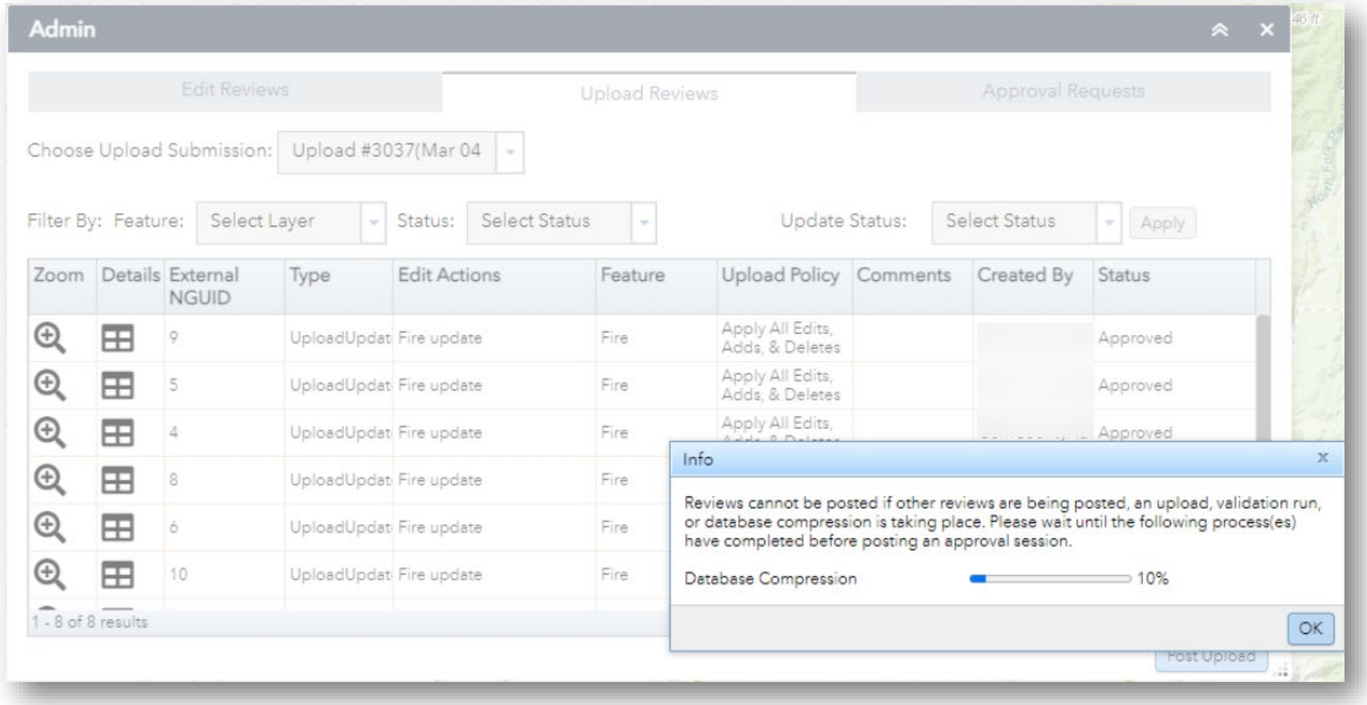


Michael Baker INTERNATIONAL

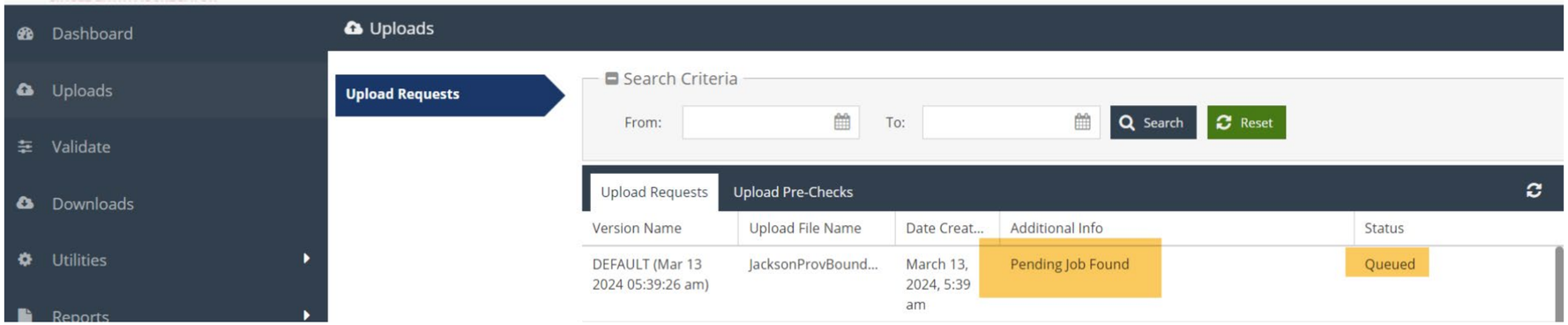
Admin

**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.



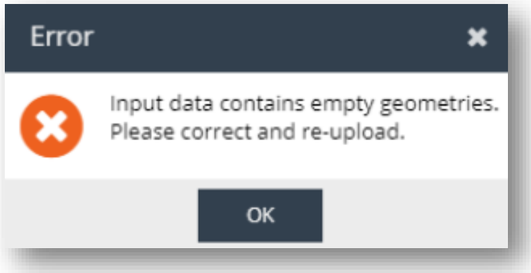
Admin
**Queued Uploads** (E, V, S)
If an upload is attempted while another upload is processing, a validation is running, a database compression is occurring, or an approval is posting, the upload will be placed in a queue. Once the other processes have been completed, the upload will be processed.

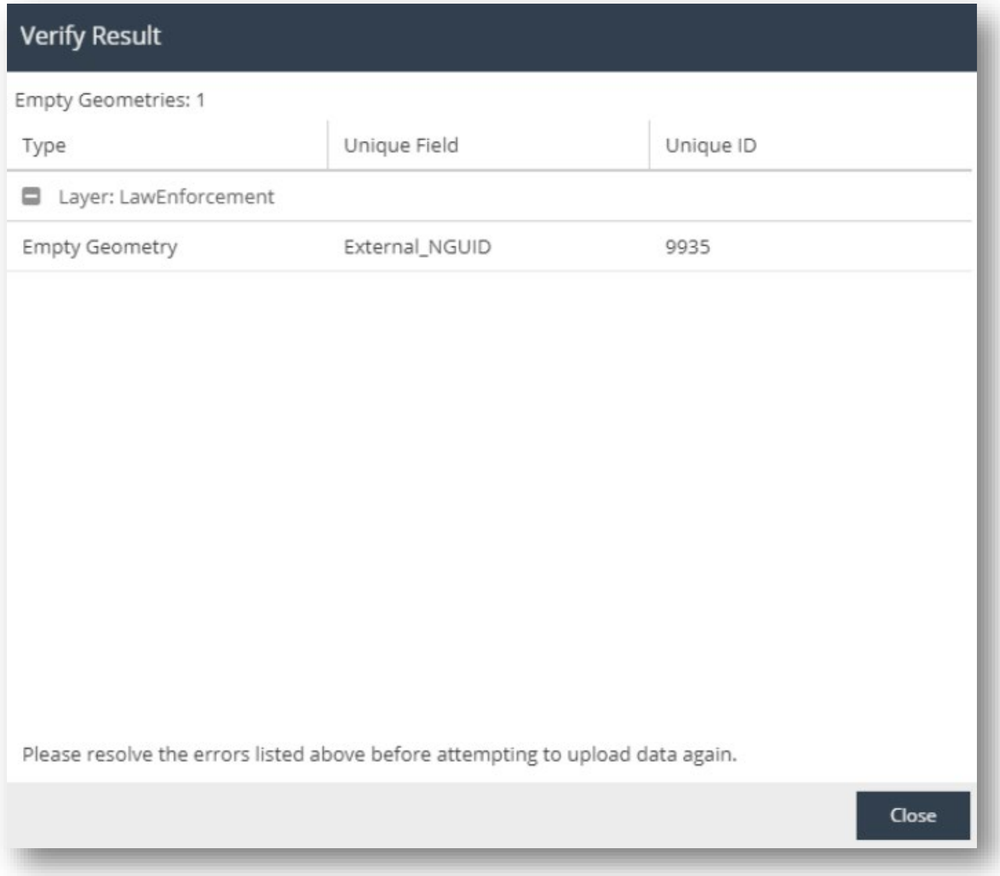


## Admin

**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.



DATAMARK

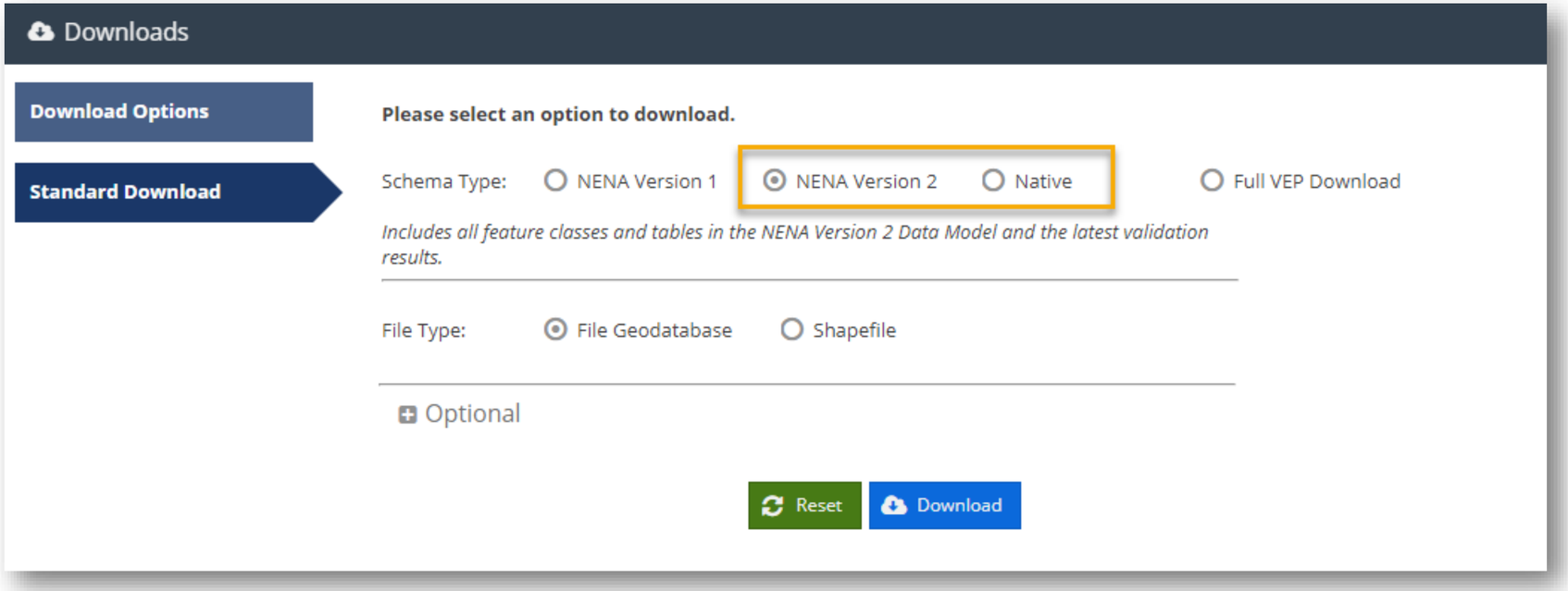
# Optimizations



Michael Baker INTERNATIONAL

# 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.



DATAMARK

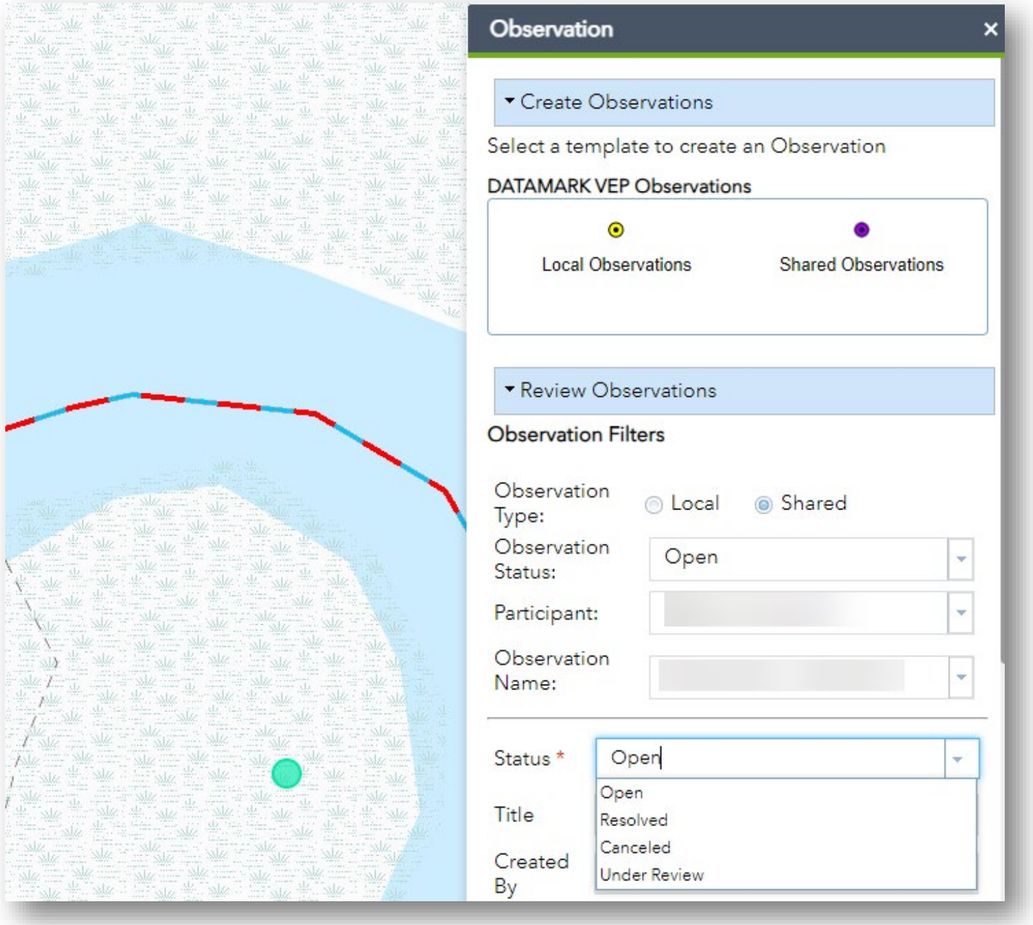
# Observations



Michael Baker INTERNATIONAL

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

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



DATAMARK

# Email Notifications

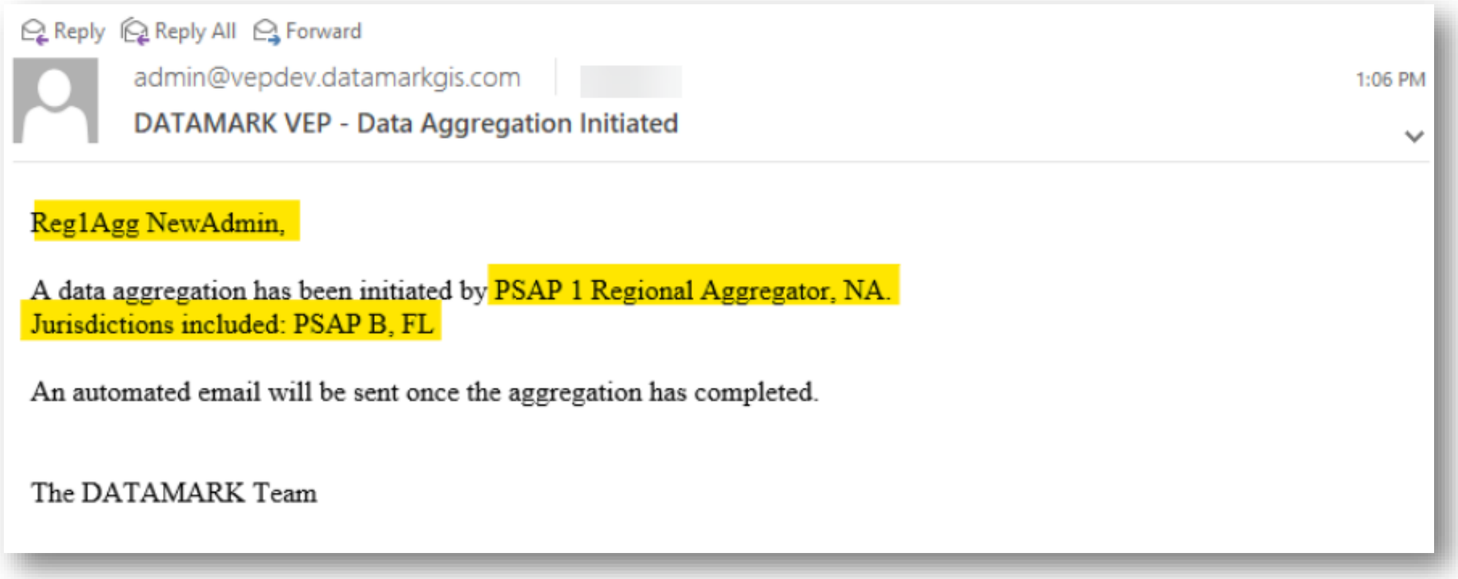


Michael Baker INTERNATIONAL

## 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.



DATAMARK

# Reports

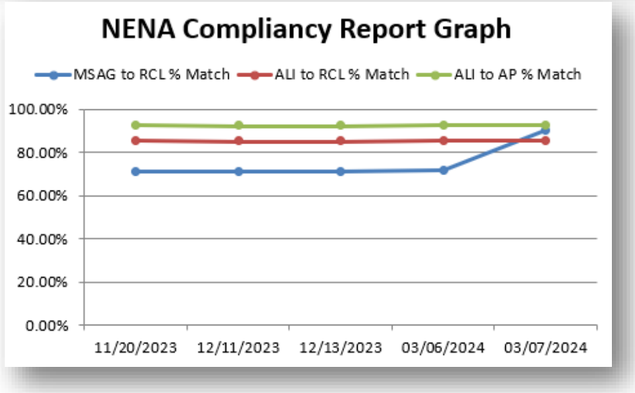


Michael Baker INTERNATIONAL

## **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 % Matcl | 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% |



DATAMARK

# MSAG Generator (Premium Feature)



Michael Baker INTERNATIONAL

## **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.

| GIS MSAG Data Fields | RCL (Road Centerline) Data Fields |
|---|---|
| **dir** | LSt_PreDir |
| **st_name** | LSt_Name |
| **st_postyp** | LSt_Typ |
| **st_posdir** | Lst_PosDir |

DATAMARK

# Validations

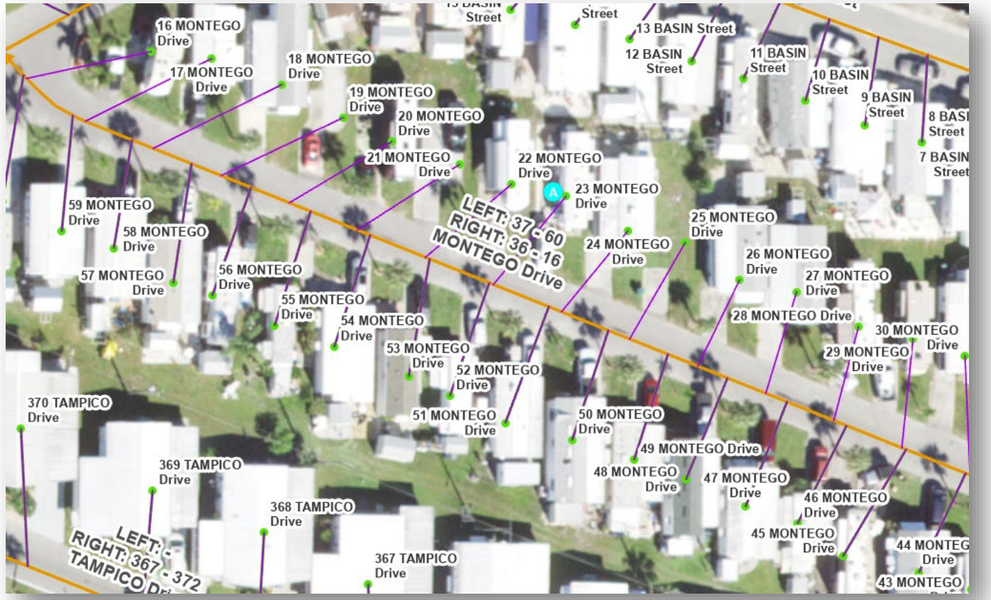


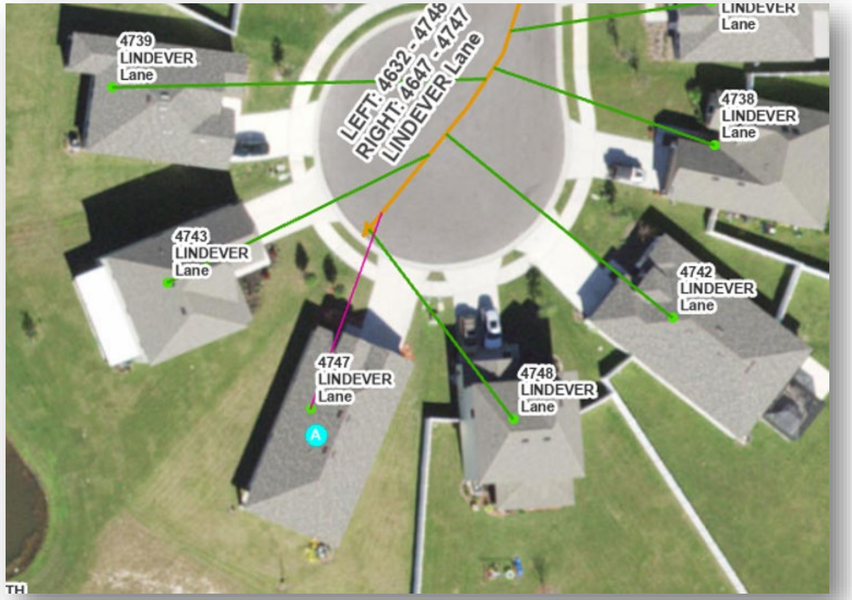
Michael Baker INTERNATIONAL

## 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.

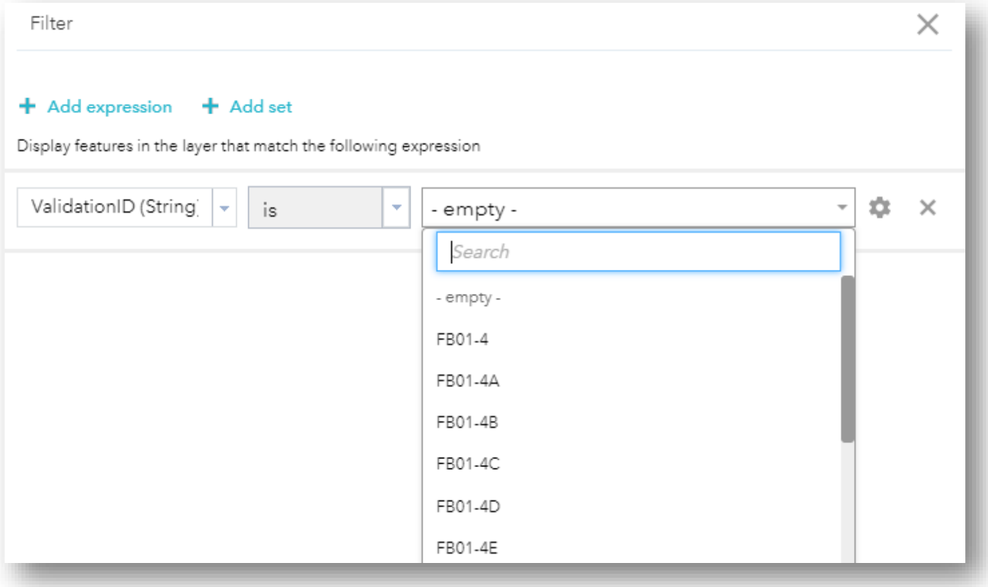
**Improve Fishbones Drawing to Road Centerline Endpoints** (E, V, S)
Enhancements have been made to improve the fishbones drawing to the end of Road Centerline segments. This occurs often with Address Points at the end of cul-de-sacs.



## **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 |
|---|---|
| **FB01-4** | Inconsistency between the Address Point and Road Centerline street attribute fields |
| **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 |
| **FB01-4F** | 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.

# 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<br>adnumpre_r |
| add_num | fromaddr_l<br>toaddr_r<br>fromaddr_l<br>toaddr_r |
| *Address Point Topology Used* | parity_l<br>parity_r |
| st_premod | st_premod |
| st_predir | st_predir |
| st_pretyp | st_pretyp |
| st_presep | st_presep |
| st_name | st_name |

DATAMARK

# Bug Fixes

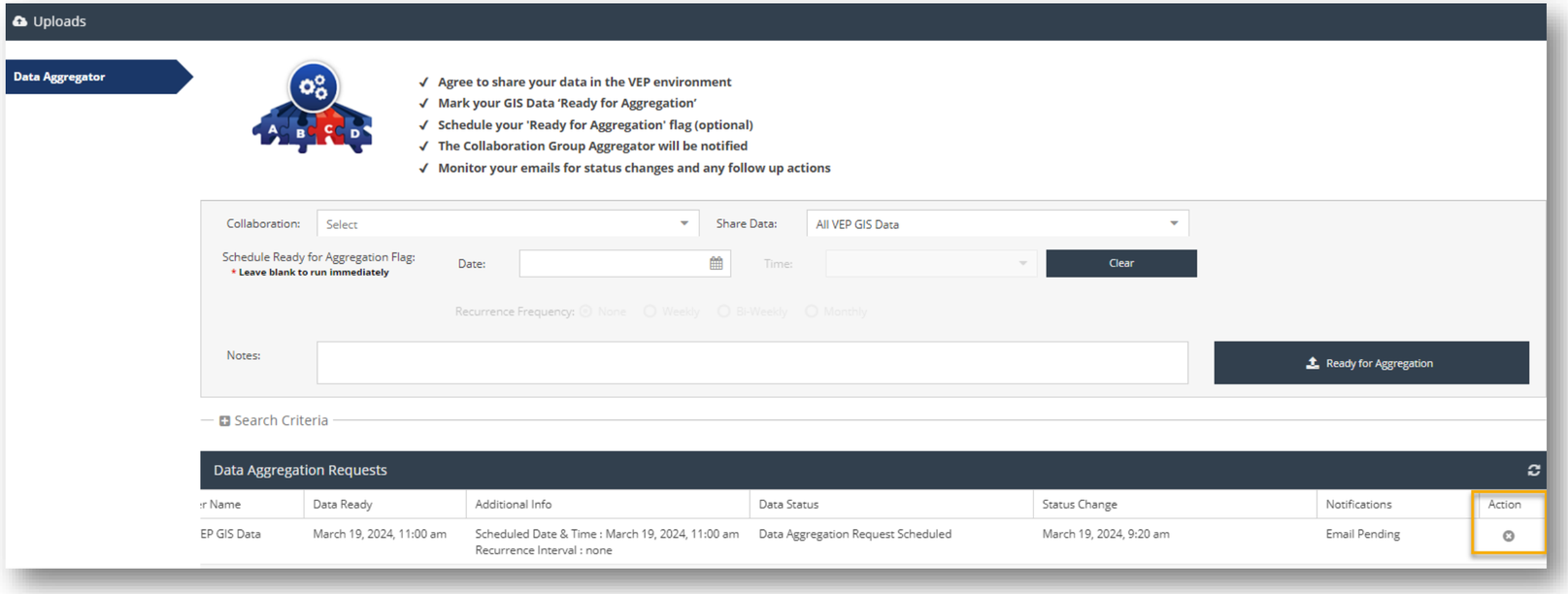


Michael Baker INTERNATIONAL

## 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.



# 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

ENROLLMENT IS
NOW OPEN
FOR VOIANCE AND PREPARED

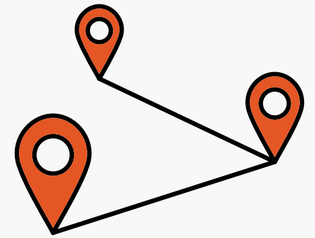
# DEADLINES AND REMINDERS

FY24 Legacy 9-1-1 Cost Reimbursement program is open! The new form is here.

## 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.

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



## 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 2nd & 4th* TUESDAY

What do you want us to talk about?

Twice Monthly

Newsletter

*Scan to sign up!*

# Questions?

# Contact Us

(334) 440-7911


Leah Missildine
Executive Director
Email: leah@al911board.com

Adam Brown
Deputy Director
Email: adam@al911board.com

Nida Jackson
Senior GIS Specialist
Email: nida@al911board.com

Anderson Brooms
GIS Program Manager
Email: anderson@al911board.com

Laura Ehrhart
Education & Outreach Program Manager
Email: laura@al911board.com

Daniel Hipps
Education and Outreach Specialist
Email: daniel@al911board.com

Michelle Peel
Program Coordinator
Email: michelle@al911board.com