Entity Bulk Process Matching Improvement

Thursday, December 19, 2019

AGIIS uses address standardization software to return potential match candidates in an Add or Update request. The software selects potential candidates for a match, and if there is more than one, a prioritization process is used to determine the best match. The prioritization match criteria follow:

1. Subscriber Owned GLN
2. Non-Subscriber Owned GLN
3. Self-Verified
4. Member Services Verified – Tier 2 Phone Verification
5. Member Services Verified - Tier 1 Web Verification
6. Subscriber Verified
7. Last Verification Date
8. Record with a License
9. Record in the most subscribers' subsets
10. Record with oldest creation date

An AGIIS subscriber pointed out that the match returned was sometimes that of an inactive entity, yet the return file provided an active, replacement GLN to the inactive entity. To eliminate manual research, the subscriber requested that AGIIS simply return the active entity GLN in the return file.

With this enhancement, the "Active" status of an entity was incorporated into the existing prioritization criteria. Now, if multiple records are identified as a match, AGIIS will place a higher priority on an Active entity over that of an inactive entity.

AGIIS REST API – Entity and Product Lookup

Saturday, November 23, 2019

On Saturday, November 23, 2019, AGIIS was enhanced to include Representational State Transfer (REST) API to support both Entity and Product Lookup functionality.

Subscribers wishing to utilize the REST services should contact Member Services to obtain user login credentials.

- Member.Services@AgGateway.org
- (866) 251-8618

Swagger documentation has been added to the **Links** menu in AGIIS underneath the **Tech Tools** sub-menu, by clicking on the **Rest Web Services** link. Swagger is a set of rules or specifications for a format describing REST APIs. The format is both machine-readable and human-readable, therefore can be used to share documentation among product managers, testers and developers, but can also be used by various tools to automate API-related processes.

The following Swagger resource guide will help users who want to test basic REST functionality.

Swagger Resource Guide

For more detailed testing and implementation, users can also use Postman. Download Postman HERE. Below is a helpful resource guide to help users implement this testing resource.

Postman Resource Guide

Master EBID Rule Removal - PCR #223
Friday, September 27, 2019

This enhancement is a recommendation of the 2018 Post Deduplication Analysis. Each year the AGIIS Member Services team performs an analysis of the Annual De-duplication process and looks for improvements in the process. This year the team identified a legacy business rule (The Master EBID Rule) that was no longer applicable to the De-duplication process. The rule was harboring potential duplicate sets in the AGIIS system.

The EBID Mater Rule was created to prevent EBID's from being replaced by an entity that does not have an EBID in the Annual Deduplication process. This rule only applied during the Annual Deduplication process. The legacy rule was established when EBID identifiers were being populated with Duns Plus Four Numbers and GLN's were based on a GS1 Prefix (like they are today). At that time the rule was more pertinent because there would be situations where an entity with an EBID and GLN were going to be replaced by an entity with only a GLN. If that entity with an EBID was replaced it was not an absolute that the Duns number value would stay the same without confirming with D&B so that is why the decision was made to exempt these entities from the Annual Dedupe process.

Over the past several years the system and process has evolved to meet Subscribers needs and the benefits of the Master EBID Rule has declined and, in many cases, causing a negative impact to AGIIS by harboring duplicates. One of the major changes is the value of the identifier's has changed to be the same value (EBID's and GLN's are both based on the GS1 Prefix and are always the same value). It is also important to point out that over the last 5 years the Directory Oversight Committee has made many improvements to the Annual Dedupe process and the system in general to prevent duplicates from entering the system, but the Master EBID Rule is preventing entities from even being considered to be evaluated during the Annual Dedupe.

This Enhancement will be in place for the 2019 Annual Deduplication process and the impact of improvement will be measured in the 2019 Post Deduplication Analysis.

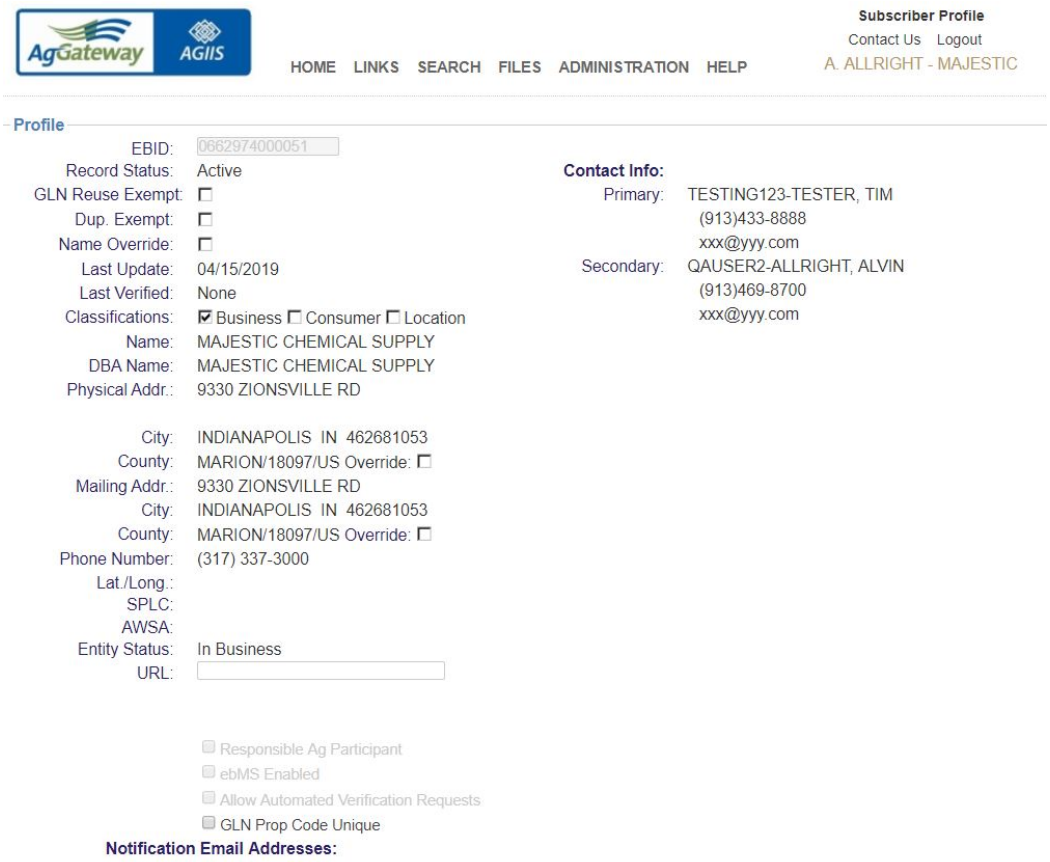
Unique GLN Prop Code Control- PCR #222
Saturday, August 24, 2019

On Saturday, August 24, 2019, AGIIS was enhanced to include an **optional** GLN proprietary code (Prop Code) control requiring a unique proprietary code assignment within the GLN subset.

Today, within an EBID subset, AGIIS enforces a business rule that requires a unique prop code. For example, if prop code "12345" is assigned to John Doe, the same prop code can't be also assigned to John Doe Farms. Within the GLN subset, business rules allow for a duplicate prop code assignment. So, prop code "12345" can be assigned to both John Doe and John Doe Farms.

If your organization wants to ensure a unique prop code is assigned within the GLN subset, you can now elect to enforce the "EBID" business rule. A new flag, "GLN Prop Code Unique" has been added to your subscriber profile. This flag can only be updated by your organization's Subscriber Administrator. When checked, if a user attempts to assign an existing prop code to a new entity, a warning message is displayed that reads, "Prop Code is already in use." If this flag is left unchecked, the same prop code may be assigned to more than one entity.

To make this update, a Subscriber Administrator will click on the ADMINISTRATION menu, then MY SUBSCRIBER PROFILE. The GLN PROP CODE UNIQUE flag is towards the bottom of the Subscriber Profile page as shown in the image below.



Subscribers wishing to have a unique prop code in the GLN subset will need to update this flag and also generate a GLN subset extract. The subset extract will help identify any existing duplicate prop codes. Duplicate prop codes already existing will be the subscriber's responsibility to update as appropriate.

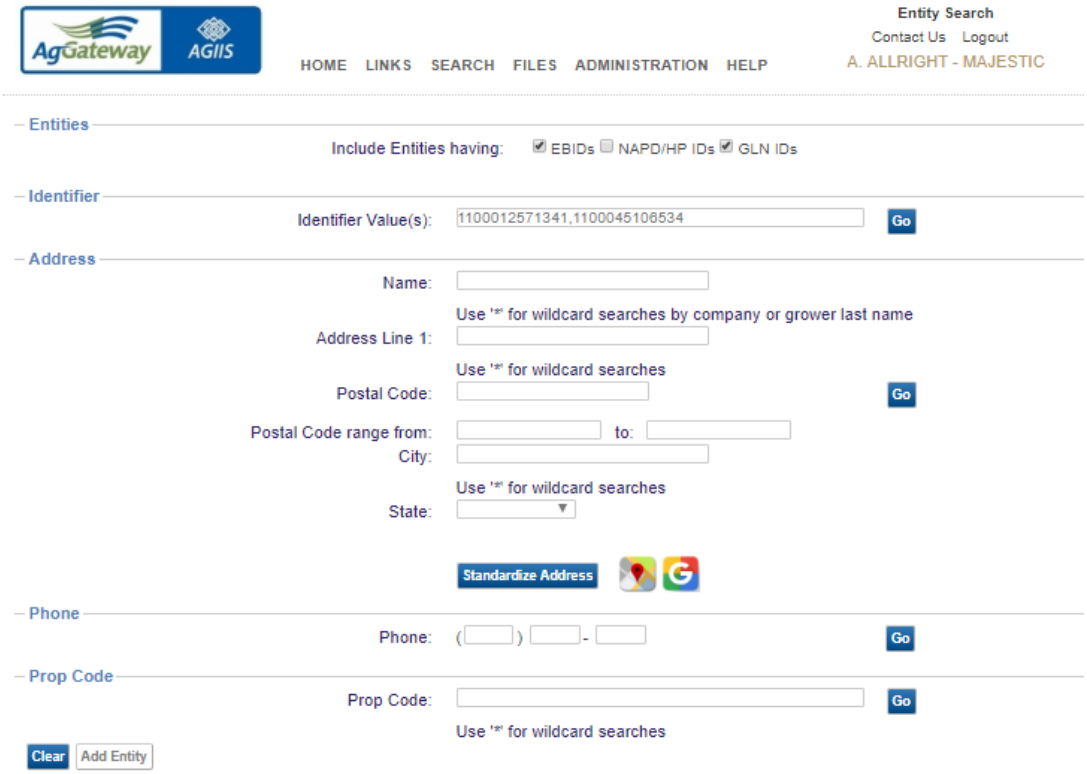
Web Interface Enhancements - PCR #221
Saturday, June 29, 2019

On Saturday, June 29, 2019, AGIIS was enhanced to incorporate several web interface features and modifications. These changes were suggested by subscribers as part of the AGIIS modernization initiative.

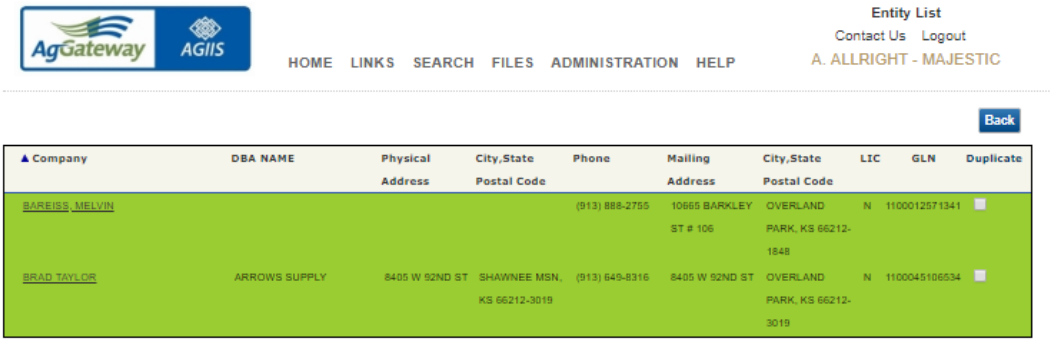
Several physical changes were made to the AGIIS search page. First, the Identifier Search field has been moved from the bottom of the page to the top. Additionally, the "Identifier Value" search field has been simplified by modifying the search logic to consider all identifiers (GLN and EBID) and removing the associated identifier drop down box.

By default, the search includes both EBID's and GLN's as shown below in the, "Include Entities having" section. To modify this criterion, simply check or un-check these boxes to fit your search criteria.

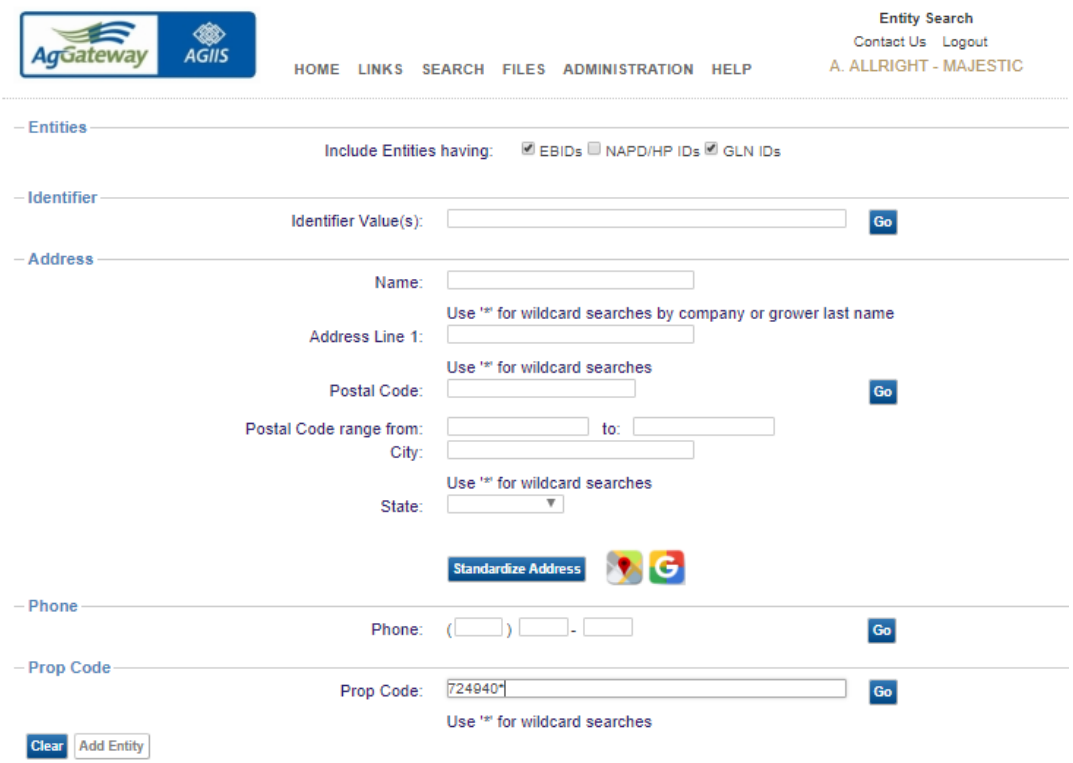
This "Identifier Value(s)" field now also allows for multiple identifiers to be searched by separating each with a comma.



Results containing just one entity will be presented on the Entity View page. Multiple results will appear on the Entity List page as shown below.



Another new search feature is the ability to use a wild card when performing a Prop Code search. In the example below, a search is being performed to return all entities that are cross-referenced to the subscriber beginning with the value, "724940".



Because there are multiple returns, the results appear on the Entity List page. A single return would appear on the Entity View page. In the image below, AGIIS returned all entities that are cross-referenced to the subscriber that begin with the value, "724940".

Another new feature is the addition of Google search help. Two new Google icons, map search and web search, have been added to the Entity Search and Entity Add/Update/Activation pages. Because not all addresses are deliverable or are able to be standardized by the United States Postal Service, this feature has been incorporated to help validate an address.

The Google Maps icon will locate the address within Google Maps based on the address, city, state and postal code entered, as shown in the images below.

No matching records were found.

Entities

Include Entities having: ☑ EBIDs ☐ NAPD/HP IDs ☑ GLN IDs

Identifier

Identifier Value(s): Go

Address

Name:

Use '*' for wildcard searches by company or grower last name

Address Line 1: 13401 W 98th St

Use '*' for wildcard searches

Postal Code: 66214 Go

Postal Code range from: to:

City: Lenexa

Use '*' for wildcard searches

State: KS

Standardize Address

Phone

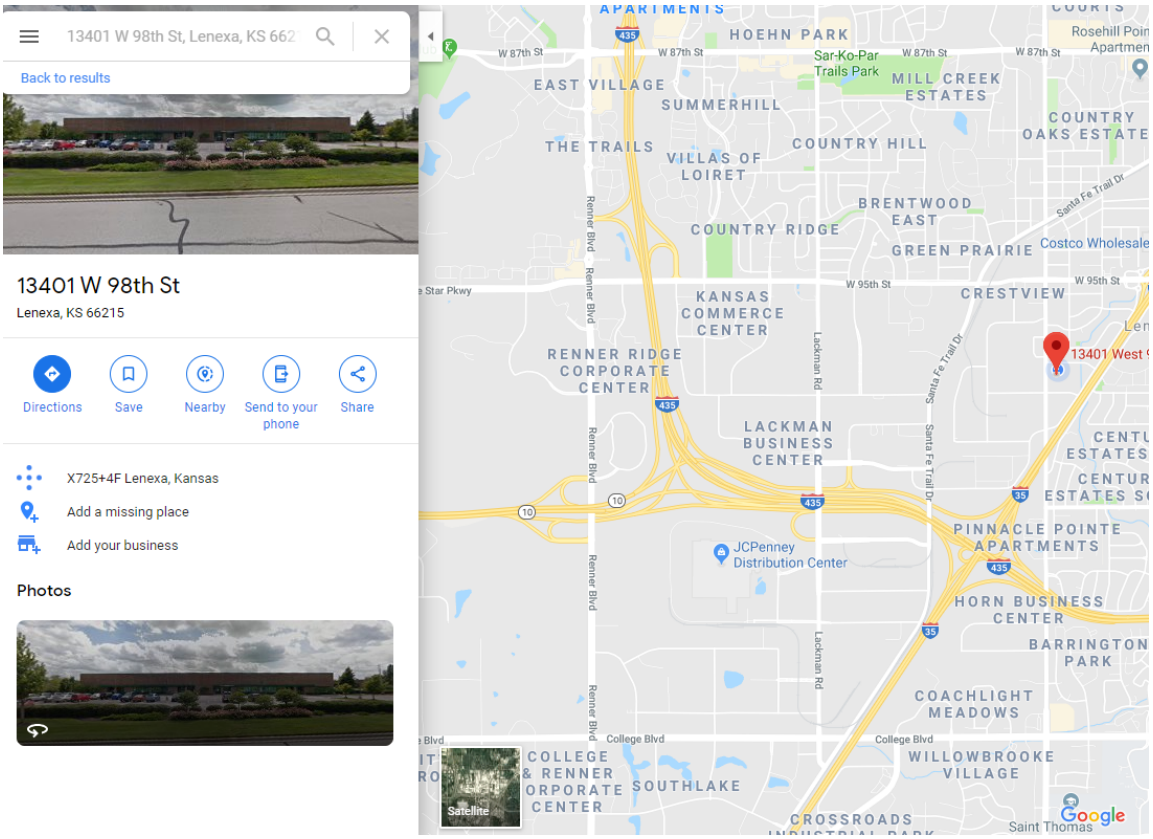
Phone: ( ) - Go

Prop Code

Prop Code: Go

Use '*' for wildcard searches

Clear Add Entity



With a name and address entered, pressing the Google Search button will perform a web search using both name and address as shown in the two images below.

AgGateway AGIIS

HOME LINKS SEARCH FILES ADMINISTRATION HELP

Entity Search
Contact Us Logout
A. ALLRIGHT - MAJESTIC

No matching records were found.

Entities

Include Entities having: ☑ EBIDs ☐ NAPD/HP IDs ☑ GLN IDs

Identifier

Identifier Value(s): Go

Address

Name: DXC
Use '*' for wildcard searches by company or grower last name
Address Line 1: 13401 W 98th St
Use '*' for wildcard searches
Postal Code: 66214 Go
Postal Code range from: to:
City: Lenexa
Use '*' for wildcard searches
State: KS

Standardize Address

Phone

Phone: ( ) - Go

Prop Code

Prop Code: Go
Use '*' for wildcard searches

Clear Add Entity

Google DXC 13401 W 98th St Lenexa KS 66214

All Maps Images Shopping News More Settings Tools

About 1,600 results (0.77 seconds)

CSC 13401 W 98th St Lenexa, KS Grocery Stores - MapQuest
https://www.mapquest.com/us/kansas/csc-415585819
Get directions, reviews and information for CSC in **Lenexa**, **KS**.
Missing: ~~DXC~~ ~~66214~~

DXC Technology - Lenexa, KS - Alignable
https://www.alignable.com/lenexa-ks/dxc-technology
Do local business owners recommend **DXC** Technology? Visit this page to ... **DXC** Technology. **Lenexa**, **KS** ... **13401 W 98th St Lenexa**, **KS** 66215. Our Team.
Missing: ~~66214~~ | Must include: 66214

13401 W 98th St, Lenexa, KS 66215 - 215957540 | RealtyTrac
https://www.realtytrac.com › ... › Kansas › Johnson County › Lenexa › 66215
Discover **13401 W 98th St**, **Lenexa**, **KS** 66215 - warehouse, storage with 60608 sq. ft.. Get the latest property info at RealtyTrac - 215957540.
Missing: ~~DXC~~ ~~66214~~

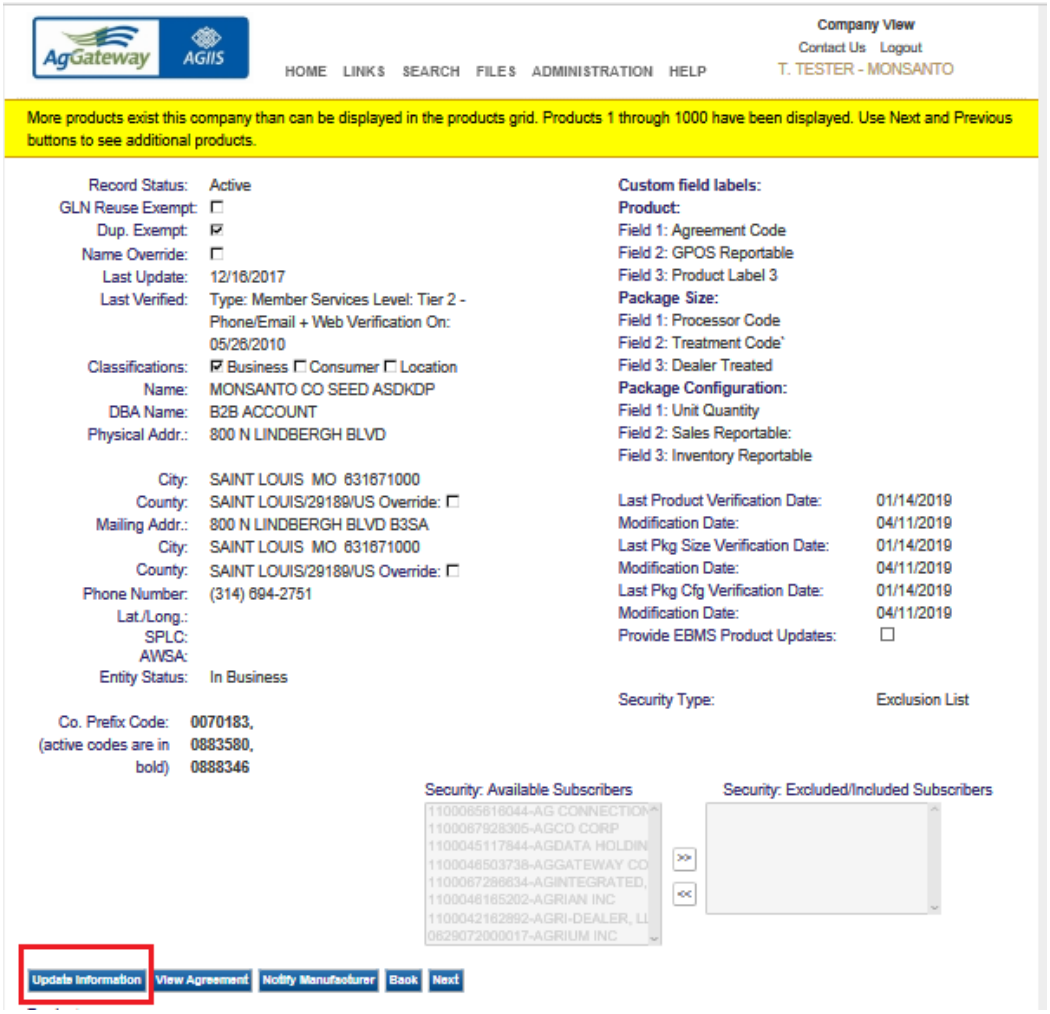
Lastly, search logic is being updated to perform a search on both address lines 1 and 2, of both physical and mailing addresses. Today, the search is performed using address line 1. This will better help locate entities that may have an "In care of" name in address line 1 and the street address in line 2.

Product Search, Inactivation/Deletion Enhancement - PCR #219
CSV EBID/GLN Entity Subset Extract Creation Enhancement - PCR #220
April 20, 2019

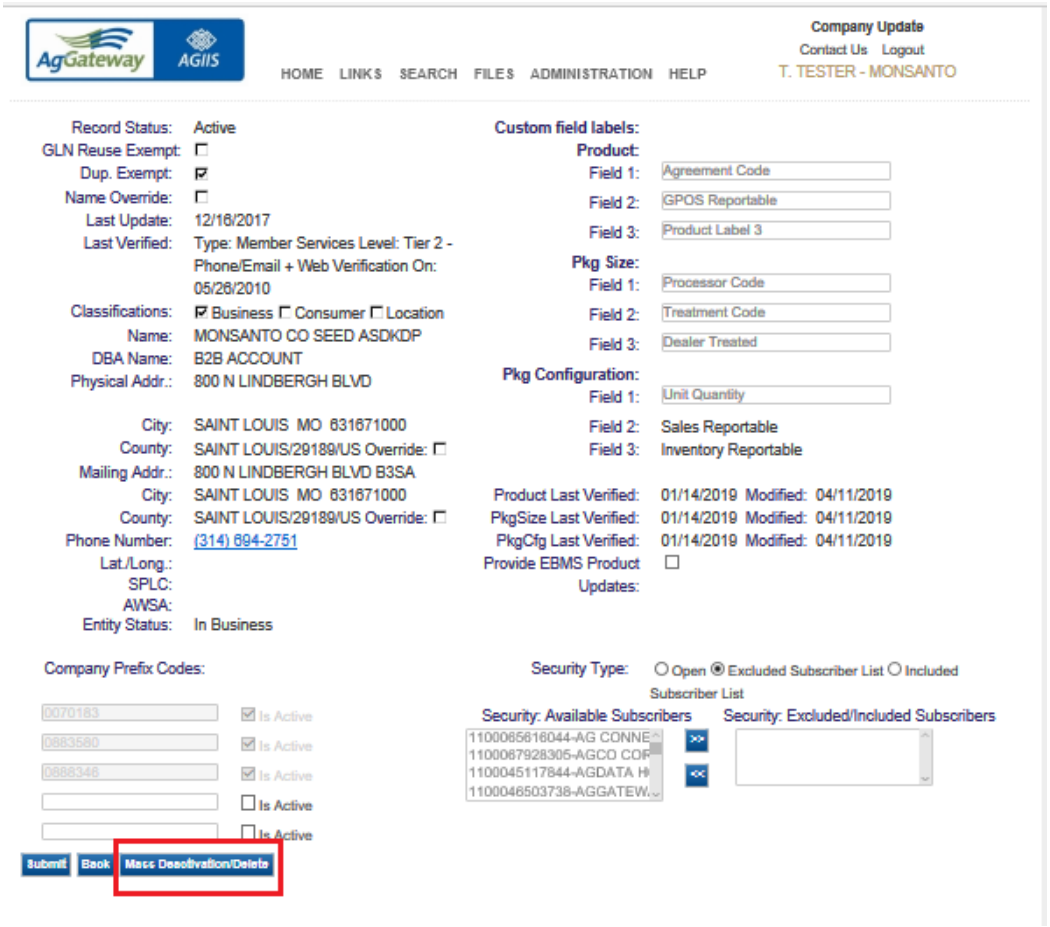
Product Search, Inactivation/Deletion Enhancement - PCR #219

The Product Search, Inactivation/Deletion Enhancement provides product manufacturers the ability to search AGIIS for products by primary category, variety/hybrid or product ID to perform a mass deactivation or deletion. Based on the input criteria, a list of products is displayed for review. This list allows users to remove one or more products from consideration prior to performing a mass deactivation or deletion. The following images outline the steps to utilize this new functionality. In this example we are performing a mass deletion.

From the Company View page, click on "Update Information".



The Company Update below page is displayed. Click on, "Mass Deactivation/Delete".



The Mass Deactivation/Delete Page below is displayed. This page allows you to review a product subset based on your input criteria and allows you to remove one or more products from consideration prior to performing the mass deletion.

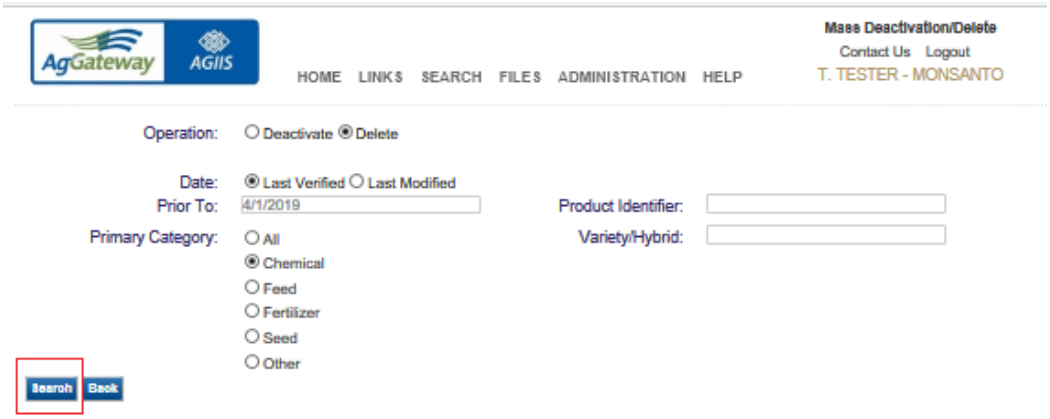
You must choose to either Deactivate or Delete using the "Operation" radio buttons. Deleting a product will take it out of AGIIS altogether, while deactivating a product will keep the product in AGIIS, but in an "Inactive" status.

Choose either "Last Verified" or "Last Modified" to delete products last verified or last modified prior to the date entered.

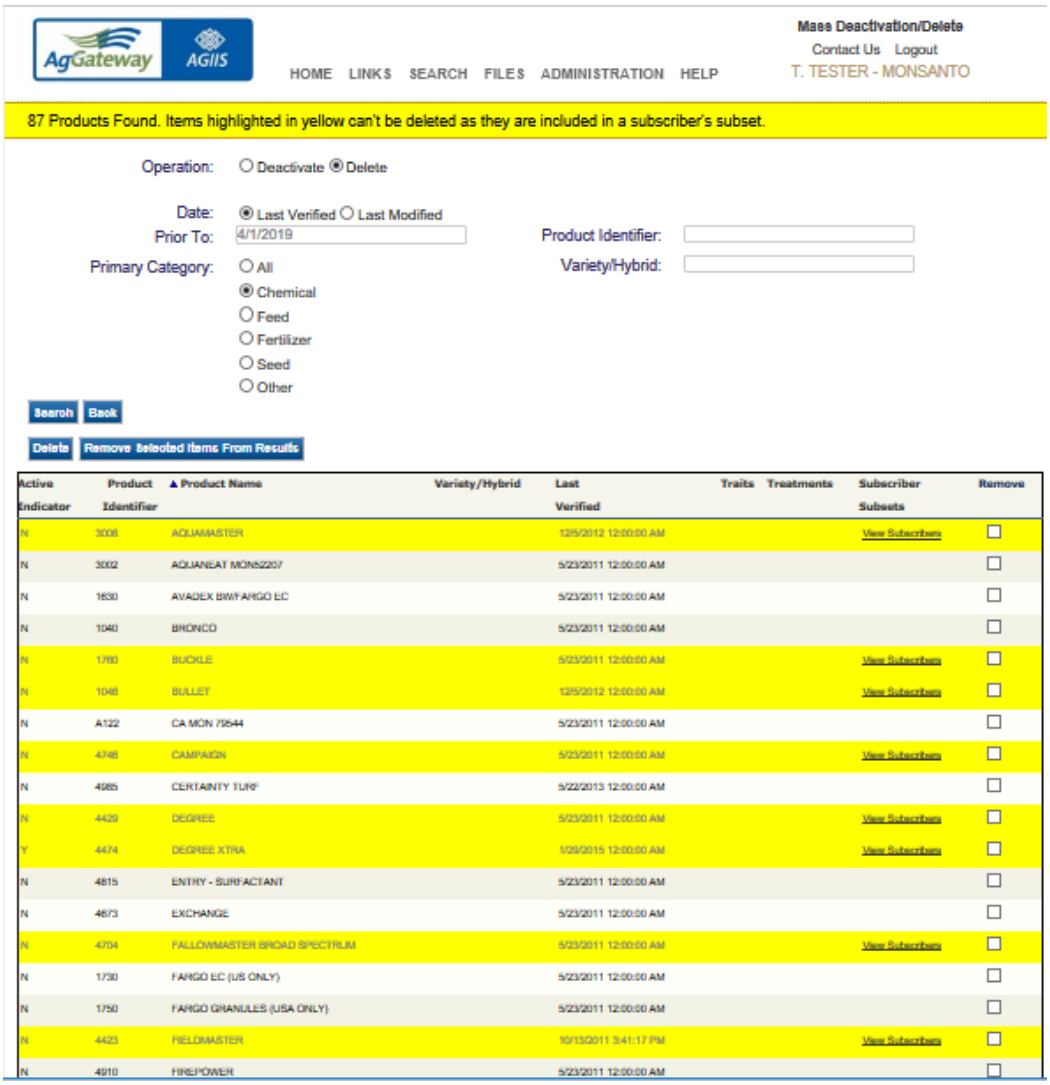
Choose to see all products or those under a primary category by clicking one of the Primary Category radio buttons.

A product identifier can be entered in the Product Identifier field to review products under a specific product ID. Likewise, a Variety/Hybrid can be entered to mass deactivate or delete products matching the variety/hybrid entered. In this example, we are leaving these fields blank.

Once all information is entered, click on the "Search" button.



The page below shows all products that matched the input criteria. Notice there are several products highlighted in yellow. These products are in another subscriber's product subset and can't be deleted until the subscriber removes these products from their subset. When performing a Deactivation, this rule does not apply.



Clicking on the hyperlink in the "Subscriber Subsets" column will display a page like the one below. The subscriber(s), along with the email address of their company contact, and the Product GTIN is displayed. This information is provided so that you can contact the subscriber and request they remove the product from their subset.

To remove one or more products from being deleted, check the appropriate box the "Remove" column and click on the, "Remove Selected Items from Results" button. It is not necessary to remove those products highlighted in yellow as they are exempted from being deleted.

Once the product grid contains only those products you wish to delete, click on the "Delete" button. In this example, there are two remaining products eligible for deletion.

48 Products Found. Items highlighted in yellow can't be deleted as they are included in a subscriber's subset.

Operation: ○ Deactivate ◉ Delete

Date: ◉ Last Verified ○ Last Modified
Prior To: 4/1/2019

Product Identifier:
Variety/Hybrid:

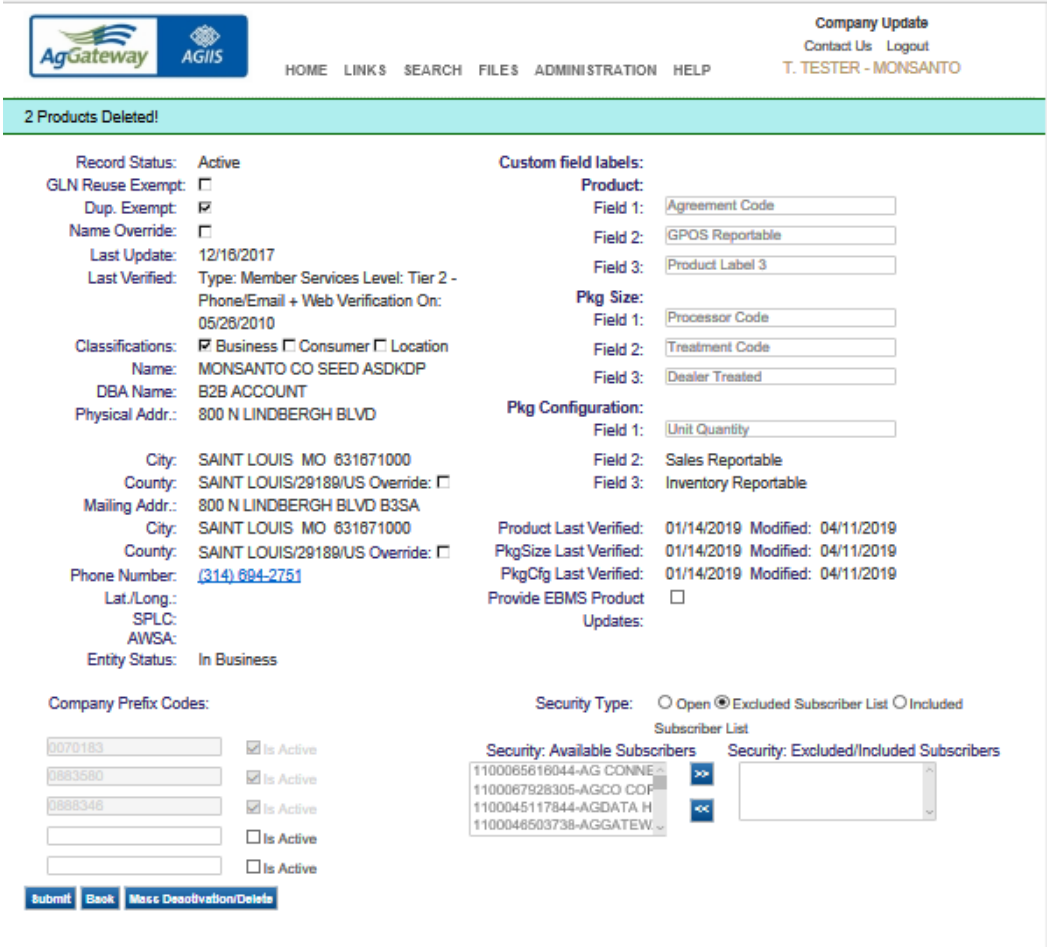
Primary Category:
○ All
◉ Chemical
○ Feed
○ Fertilizer
○ Seed
○ Other

Search Back

Delete Remove Selected Items From Results

Active Indicator	Product Identifier	▲ Product Name	Variety/Hybrid	Last Verified	Traits	Treatments	Subscriber Subsets	Remove
N	3006	AQUAMASTER		12/5/2012 12:00:00 AM			View Subscribers	☐
N	1760	BUCKLE		5/23/2011 12:00:00 AM			View Subscribers	☐
N	1046	BULLET		12/5/2012 12:00:00 AM			View Subscribers	☐
N	4746	CAMPAIGN		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4429	DEGREE		5/23/2011 12:00:00 AM			View Subscribers	☐
Y	4474	DEGREE XTRA		1/29/2015 12:00:00 AM			View Subscribers	☐
N	4704	FALLOWMASTER BROAD SPECTRUM		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4423	FIELDMASTER		10/13/2011 3:41:17 PM			View Subscribers	☐
N	3028	HARNESS 20G		12/5/2012 12:00:00 AM			View Subscribers	☐
Y	3040	HARNESS MAX		5/15/2018 12:00:00 AM			View Subscribers	☐
Y	3017	HARNESS XTRA		1/29/2015 12:00:00 AM			View Subscribers	☐
Y	3020	HARNESS XTRA 5.6L		8/29/2013 12:00:00 AM			View Subscribers	☐
N	3009	HARNESS-U.S.		12/5/2012 12:00:00 AM			View Subscribers	☐
N	4976	INTRRO		12/5/2012 12:00:00 AM			View Subscribers	☐
N	1034	LARIAT		12/5/2012 12:00:00 AM			View Subscribers	☐
N	1030	LASSO		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4439	MANAGE		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4468	MAVERICK		12/5/2012 12:00:00 AM			View Subscribers	☐
N	1045	MICRO-TECH		8/18/2011 12:00:00 AM			View Subscribers	☐
Y	4485	OUTRIDER		1/29/2015 12:00:00 AM			View Subscribers	☐
N	3036	PONCHO BETA		8/18/2011 12:00:00 AM			View Subscribers	☐
Y	5012	PRECEPT		1/8/2015 12:00:00 AM			View Subscribers	☐
Y	4957	PRIVATE LABEL PLUS		12/21/2018 12:00:00 AM			View Subscribers	☐
N	4981	QUIKPRO		4/1/2013 12:00:00 AM			View Subscribers	☐
N	4750	ROUNDUP ORIGINAL		5/23/2011 12:00:00 AM			View Subscribers	☐
Y	4968	ROUNDUP ORIGINAL II		2/24/2016 11:48:51 AM			View Subscribers	☐
N	4971	ROUNDUP ORIGINAL MAX		5/22/2013 12:00:00 AM			View Subscribers	☐
N	4886	ROUNDUP PRO		5/23/2011 12:00:00 AM			View Subscribers	☐
Y	4888	ROUNDUP PRO CONCENTRATE		1/29/2015 12:00:00 AM			View Subscribers	☐
N	4827	ROUNDUP PRO DRY		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4822	ROUNDUP RT		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4892	ROUNDUP SUPER CONCENTRATE		5/23/2011 12:00:00 AM				☐
N	4884	ROUNDUP T/O		5/23/2011 12:00:00 AM				☐
N	4851	ROUNDUP ULTRA		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4828	ROUNDUP ULTRA MAX		5/23/2011 12:00:00 AM			View Subscribers	☐
N	4829	ROUNDUP ULTRADRY		5/23/2011 12:00:00 AM			View Subscribers	☐

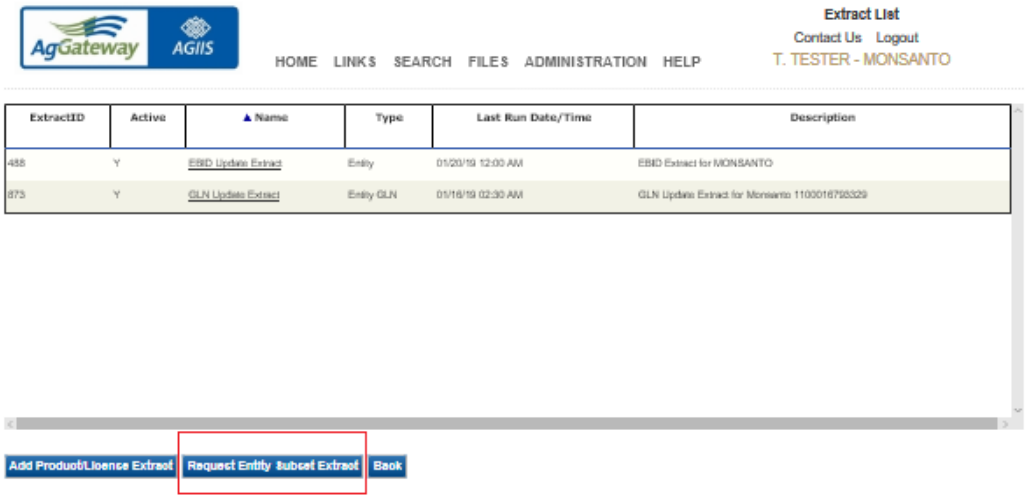
Finally, a confirmation page displays providing the number of products deleted.



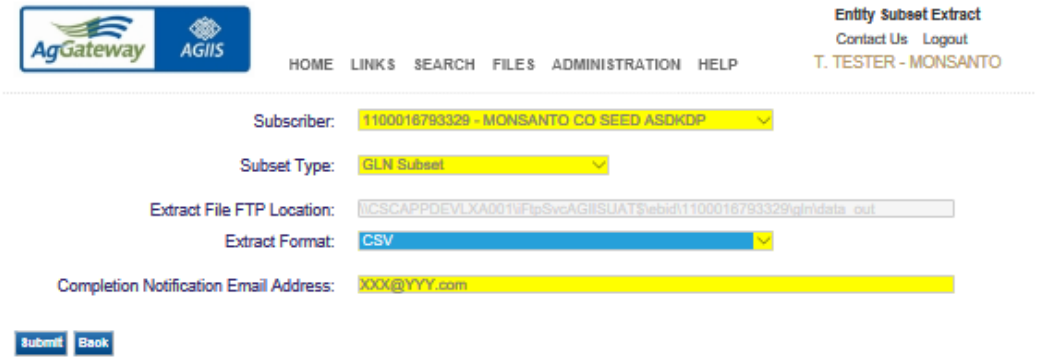
CSV EBID/GLN Entity Subset Extract Creation Enhancement - PCR #220

The CSV EBID/GLN Entity Subset Extract Creation enhancement provides AGIIS subscribers the ability to generate a full entity subset extract in a CSV file format. Other format options are XML and fixed length text.

To schedule an EBID or GLN subset extract in the new CSV file format, hover over the "Files" menu in AGIIS and click on, "Schedule Extracts". The following page appears. Click on the, "Request Entity Subset Extract" button.



On the following page, choose either EBID or GLN Subset from the Subset Type drop down menu. Choose, "CSV" from the Extract Format drop down menu. Click, "Submit". You will be notified via email once the extract is complete.



Below is a link to the CSV Entity subset extract file layout.

CSV Entity Subset Extract File Layout