





# WVCA IT APPLICATIONS

PVCD Ag Enhancement 17 Program Help Logout (v1.1)

Home PVCD Ag Enhancement Program logged in as: dwyer

Home Practices Export Current Export Archive Help

THE SERVER IS PRESENTLY: **ONLINE**

### AgE Application for FY 2020

To update transaction numbers be sure to click the Submit button in Edit mode.

To begin a new application, use the Practices menu above.

To edit an existing practice use the search to the right. Simply selecting a practice from the drop down box and clicking the Submit button will bring up all applications in your district. For assistance, please email [apps@wvca.us](mailto:apps@wvca.us)

PLEASE use the following format for your APPLICATION NUMBERS:  
BMP CODES:

- CC: Cover Crop
- CAP: Critical Area Planting
- EF: Exclusion Fence
- EW: Exclusion Fence/Watering System Combo
- FS: Frost Seeding
- GB: Green Bean Program
- HU: Heavy Use Protection Area
- HT: High Tunnel
- IP: Integrated Pest Management
- IS: Invasive Species Management
- LA: Large Animal Composting
- LIME: Lime
- LT: Litter Transfer
- MI: Micro Irrigation
- NM: Nutrient Management
- O: Other
- PD: Pasture Division Fence
- PW: Pasture Division Fence/Watering System Combo
- PS: Forage(Pasture) Seeding
- PP: Pollinator Plantings

### Search the Program Database

BMP:

Search By:

Search For:

### Search for Cooperator (all BMPs)

Search By:

Search For:

### FY 2018 Agricultural Enhancement Program Cost Verification Form

(MS Word Format | Rev. 6/10/16)

[PVCD Cost Verification Form](#)

WVCA Login/Request Access Reports

## 319 CAP App

WVCA CONSERVATION SERVICES

search

ADMIN

- eMail
- ArcGIS
- RUSLE2
- Admin

GOALS	RESRCECONCRN	CULTRL RESRCS
TE SPECIES	EXISTINGCONDITION	PREDCTDCONDITION
E&SPLANNING	EROSION PREDICTIO	ACRES NEEDED
# ANIMALS	GRAZING	STOCKPILED

Dams Inspector 1.2.4 D.L. Wyer

File TOOLS


- Linked Table Manager
- Purge Local Records
- Back Up Data
- Main Menu
- SQL Tools

### Main Menu

Quit App

NEW INSPECTIONS	EDIT INSPECTIONS
<input type="button" value="Monthly/Special Inspection"/>	<input type="button" value="Monthly/Special"/>
<input type="button" value="Quarterly/Annual"/>	<input type="button" value="Quarterly/Annual"/>
<input type="button" value="Quarterly/Annual Inspection"/>	<input type="button" value="Monthly/Special Inspection Report"/>

# Ag Enhancement

 PVCD Ag Enhancement 17 Program [Help](#) [Logout \(v1.1\)](#)

[Home](#) [PVCD Ag Enhancement Program](#)

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[Home](#) [Practices](#) [Export Current](#) [Export Archive](#) [Help](#) logged in as: dwyer

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#### Search the Program Database

BMP:

Search By:

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#### Search for Cooperator (all BMPs)

Search By:

Search For:

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#### FY 2018 Agricultural Enhancement Program Cost Verification Form

(MS Word Format | Rev. 6/10/16)

[PVCD Cost Verification Form](#)

The Ag Enhancement Program application tracks Best Management Practices that the West Virginia Conservation Agency applies to farms across the state.



# Ag Enhancement

Home Practices Export Current Export Archive Help logged in as: dwyer

## PVCD Ag Enhancement Program

### NEW Request For Cover Crop Assistance

Applying for: **CoverCrop** assistance

Session User: dwyer

PERSONAL INFORMATION			
FIRST NAME:	<input type="text"/>	LAST NAME:	<input type="text"/>
ADDRESS:	<input type="text"/> <input type="text"/>	CITY:	<input type="text"/>
STATE:	<input type="text" value="WV"/>	ZIP:	<input type="text"/>
PHONE:	<input type="text"/>	MOBILE:	<input type="text"/>
OTHER:	<input type="text"/>	CD SUPERVISOR:	<input type="checkbox"/> Yes
COUNTY:	<input type="text" value="Select ..."/>	DISTRICT:	PVCD

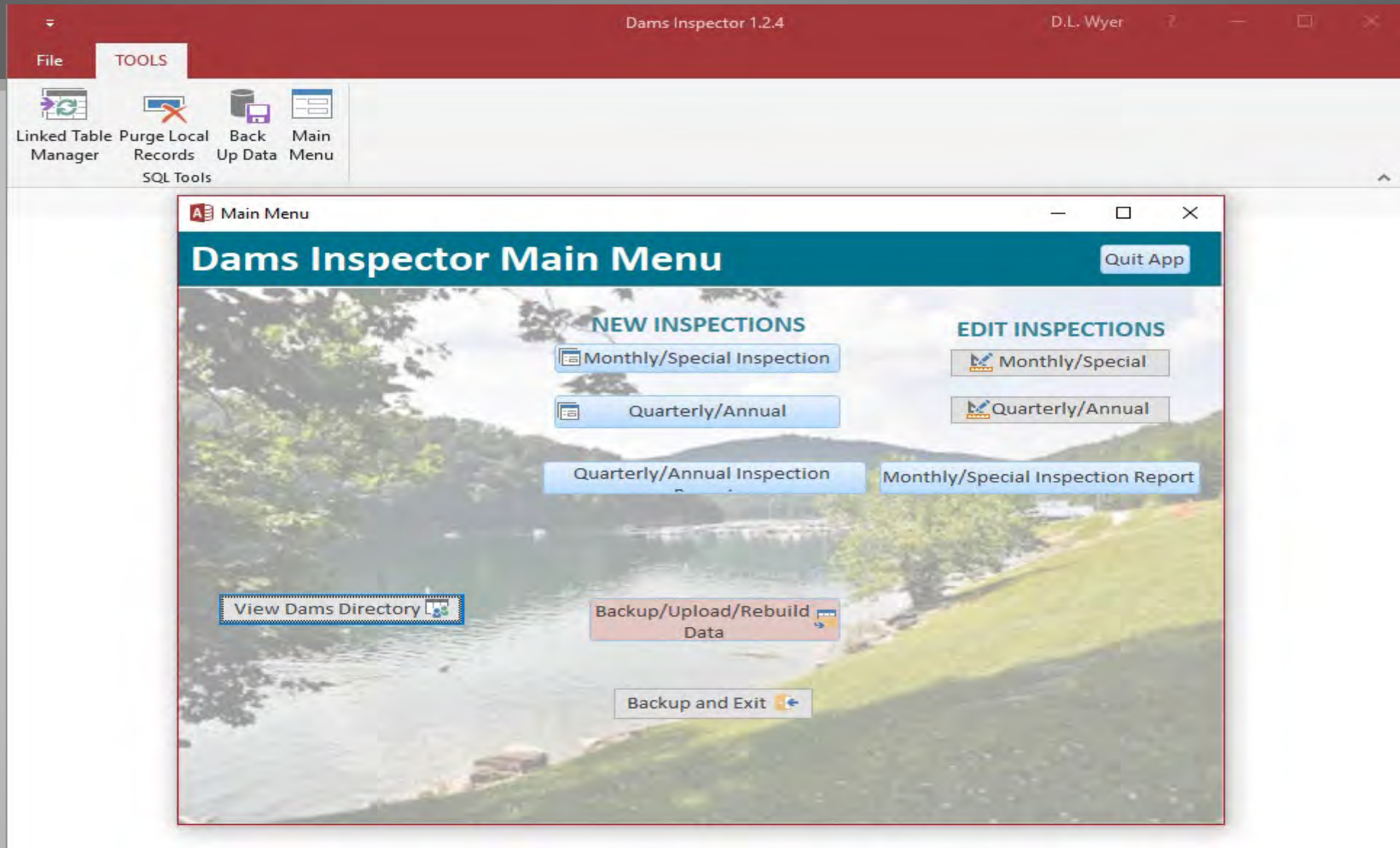
BMP INFORMATION	STATUS	CHESAPEAKE BAY COST SHARED
FISCAL YEAR: <input type="text" value="2020"/>	STATUS: <input type="text"/>	TOTAL ACRES: <input type="text"/>
APPROVAL DATE: <input type="text" value="09/13/19"/>	COST SHARE APPROVED: <input type="text" value="0.00"/>	<i>This section is for tracking cost share acres vs total acres used for C-Bay Funded BMPs. Enter the cost-share acres in BMP INFORMATION section as normal, and their total acreage (including cost-share) above.</i>
APP NUMBR: <input type="text" value="FY20CC"/>	COST SHARE PAID: <input type="text" value="0.00"/>	
ACRES: <input type="text"/>	DATE PAID: <input type="text"/>	
DATE SEEDED: <input type="text"/>	TOTAL COST: <input type="text" value="0.00"/>	
CURRENT CROP: <input type="text"/>	NON-AG FUNDING CODE: <input type="text"/>	
PLANTED CROP: <input type="text"/>		
PLANTING METHOD: <input type="text"/>		
HARVEST: <input type="text" value="Yes"/>		
HARVEST: <input type="text"/>		

NOTE:

BMP information is collected and stored in a database for reporting and tracking.

From the initial data entry, to reporting and editing, this is a comprehensive tool for tracking Ag Enhancement projects.

# DAM INSPECTIONS



# DAM INSPECTIONS

Camera

<b>FACE</b>	<b>GUTTERS</b>	<b>CONCRETE</b>
<input type="checkbox"/> No Action	<input type="checkbox"/> No Action	<b>Surface</b>
<input type="checkbox"/> Bulges	<input type="checkbox"/> Bulges	<input type="checkbox"/> Cracks
<input type="checkbox"/> Animal Burrows	<input type="checkbox"/> Animal Burrows	<input type="checkbox"/> Spalling
<input type="checkbox"/> Cracks	<input type="checkbox"/> Cracks	<input type="checkbox"/> Scaling
<input type="checkbox"/> Debris	<input type="checkbox"/> Debris	<input type="checkbox"/> Joints
<input type="checkbox"/> Depressions	<input type="checkbox"/> Depressions	
<input type="checkbox"/> Erosion	<input type="checkbox"/> Erosion	<b>Toe</b>
<input type="checkbox"/> Woody Growth	<input type="checkbox"/> Woody Growth	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Mowing Required	<input type="checkbox"/> Mowing Required	<input type="checkbox"/> Debris
<input type="checkbox"/> RipRap Repair	<input type="checkbox"/> RipRap Repair	<input type="checkbox"/> Depressions
<input type="checkbox"/> Ruts	<input type="checkbox"/> Ruts	<input type="checkbox"/> Erosion
<input type="checkbox"/> Potential Seep	<input type="checkbox"/> Potential Seep	<input type="checkbox"/> Seepage
<input type="checkbox"/> Potential Slip	<input type="checkbox"/> Potential Slip	
<input type="checkbox"/> Vegetative Change	<input type="checkbox"/> Vegetative Change	

Comments:

# DAM INSPECTIONS

Camera

### Outlet Channel

No Action

- Brush Buildup
- Debris Buildup
- Woody Growth
- Riprap in Disrepair
- Sediment Buildup
- Mature Vegetation

Comments:

### Instrumentation

Instrumentation Comments:

### Plunge Pool

No Action

Comments:

### Impact Basin

No Action

Drop from PSP:

Depth of flow from PSP:

#### Primary Spillway Pipe

- Deteriorating Concrete
- Minimal Drop
- Signs of Piping

#### Grating

- Deteriorated
- Missing

Comments:

#### Outlet Channel

- Debris Buildup
- Sediment Buildup

#### Toe Drains

- Plugged
- Animal Guards

RipRap Comments:

# Conservation Activity Plan (CAP App)

The screenshot displays the user interface of the Conservation Activity Plan (CAP App) for WVCA. At the top left is the WVCA logo, and at the top right are navigation links for "Login/Request Access" and "Reports". The main heading is "319 CAP App" with the subtitle "WVCA CONSERVATION SERVICES". On the left side, there is a search bar and a vertical menu with options: ADMIN, eMail, ArcGIS, RUSLE2, and Admin. The central area features a grid of 12 green buttons for various data categories, arranged in four rows and three columns.

GOALS	RESRCECONCRN	CULTRL RESRCS
TE SPECIES	EXISTINGCONDITION	PREDCTDCONDITION
E&SPLANNING	EROSION PREDICTIO	ACRES NEEDED
# ANIMALS	GRAZING	STOCKPILED



# Conservation Activity Plan (CAP Mobile App)

WVCApps CAP - GOALS

Landowner:

Address:

Size/Description:

**Client Objectives (check all that apply)**

- Improved forage yield, quality, diversity and persistence
- Meet livestock nutritional needs
- Maximize browse, forage and roughage pasture yields
- Improve production cost efficiency
- Maintain or improve wildlife habitat
- Maintain or improve water quality
- Prevent or reduce erosion

**Desired Future Conditions**

[MENU](#) [Resource](#)



# WVCA 319 (QGIS Plugin)

WVCA 319 Project

Farm Info | Import data | Data sets | Satellite | Loaded data sets | Reports | Plan ahead

Welcome to the WVCA 319 Project App.  
This plugin helps you view and analyze field data. Log positions from farm equipment can be loaded into the plugin and if yield logs and other data exist, yield variation can be analyzed.  
If you have questions, experience any errors or have any suggestions do not hesitate send us an e-mail at [it@wvca.us](mailto:it@wvca.us)

New Farm

Existing Farm

Help can be found at [wvcapps.us](http://wvcapps.us)

No Database

Your fields:

Practices:

View fields

Add field

Remove field

Add Practice

Remove Practice



# WVCA 319 (QGIS Plugin)

WVCA 319 Project

Farm Info | Import data | Data sets | Satellite | Loaded data sets | Reports | Plan ahead

Planting | Fertilizing | Cover Crop | CAP | Exclusion Fence | EW | GreenBean | Heavy Use | HighTunnel | Soil

**File import:**

--- Select file type ---

Open the file and save it

**Manual import:**

--- Select field ---

--- Select crop ---

When: 1/1/2000

Variety:

Spacing:  cm

Seed rate:  kg/ha

Saw depth:  cm

Other comments:

Save data



# WVCA 319 (QGIS Plugin)

The screenshot displays the ArcMap application window titled "FarmMap.mxd - ArcMap". The interface includes a menu bar (File, Edit, View, Bookmarks, Insert, Selection, Geoprocessing, Customize, Windows, Help), a toolbar with various GIS tools, and a status bar at the bottom showing coordinates: -9001482.924 4790892.533 Meters.

The main map area shows an aerial view of a farm with several colored overlays: a large yellow area, a pink area with a grid pattern, a red area with a grid pattern, and a blue hatched area. A river or stream is visible on the right side of the map.

The left sidebar contains the "Table of Contents" and "Layers" panels. The "Layers" panel lists the following layers:

- ✓ wells
- ✓ SamplePtLo
- Grid\_label
- ✓ WaterFacility
- 5030201\_line
- ✓ WaterLine
- ✓ FenceLine
- < all other Status
- × - 1
- | - 2
- ✓ Field\_int
- Stream\_Buff
- ✓ GasWell\_Buf
- ✓ Grid
- ✓ Fields
- < all other Crop
- com

The right sidebar contains the "Catalog" panel, showing the location: Home - GISDATA\FarmMap. The catalog lists various toolboxes and servers:

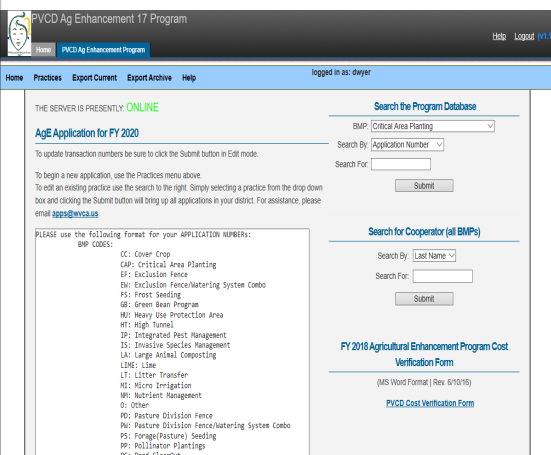
- Home - GISDATA\FarmMap
- Folder Connections
- Toolboxes
  - My Toolboxes
  - System Toolboxes
    - 3D Analyst Tools.tbx
    - Analysis Tools.tbx
    - Cartography Tools.tbx
    - Conversion Tools.tbx
    - Data Interoperability Tool
    - Data Management Tools.t
    - Editing Tools.tbx
    - Geocoding Tools.tbx
    - Geostatistical Analyst Too
    - Linear Referencing Tools.t
    - Multidimension Tools.tbx
    - Network Analyst Tools.tb
    - Parcel Fabric Tools.tbx
    - Schematics Tools.tbx
    - Server Tools.tbx
    - Space Time Pattern Minin
    - Spatial Analyst Tools.tbx
    - Spatial Statistics Tools.tbx
    - Tracking Analyst Tools.tb
- Database Servers
- Database Connections
- GIS Servers
- My Hosted Services



# WVCA IT Applications

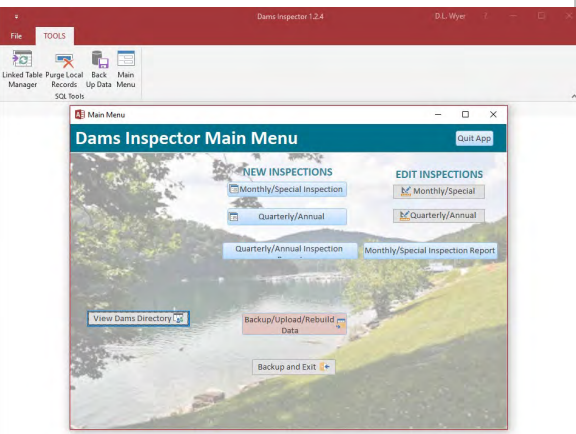
## Ag Enhancement

Assists tracking and reporting of practices applied to West Virginia farms..



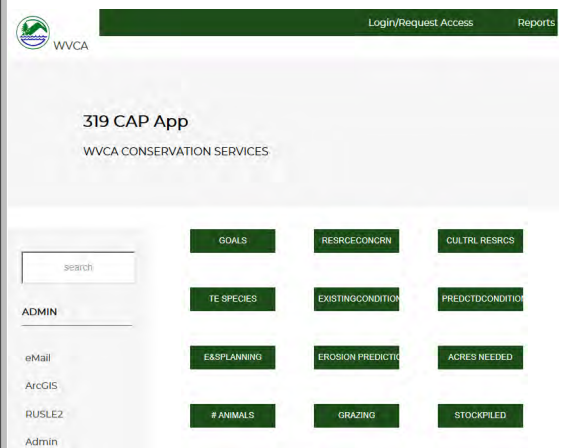
## Dam Inspector

Field technicians use this app to perform safety inspections of the state's dams.



## CAP App

This application replaces an Excel spreadsheet and produces a comprehensive conservation activity plan. This app works on any device.



## WVCA 319

WVCA319 is an application plug-in that works inside QGIS, a graphical information system.

