

A photograph of a lush green cornfield. In the background, a red barn with a blue roof is visible under a clear sky. The corn plants are tall and vibrant green, with some leaves showing slight yellowing. The text is overlaid on the lower half of the image.

VA Agricultural BMP Data Collection & Spot Checks

BMPs --The Big Picture

▶ Virginia's Ag BMP Program –

Currently all Cost Share, Tax Credit and Voluntary Practices require following NRCS standards and Specifications for the necessary practice components

▶ Options for farmers vary;

- 40 BMPs provide for Cost share and/or Tax Credit incentives
- 18 BMPs provide a Tax Credit Only option
- 11 BMPs are for CREP only projects
- 13 BMPs are for TMDL only projects

Ag BMP Tracking Program

[Main](#)[Administration](#)[Reports](#)[Support](#)[My Account](#)[Logout](#)[Dashboard](#) > New Contract[1. Basic Information](#)**[2. Contract Type](#)**[3. Participant](#)[4. Participant Address](#)

Step 2: Contract Type

Contract Type: << Select Contract Type >>

- << Select Contract Type >>
- Cost Share: 1 year(s)
- Contractual: 3 year(s)
- Tax Credit Only: 1 year(s)
- Voluntary: 1 year(s)

[Next >>](#)

New Contract - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/BMPTacking/Home/bmp/NewContract.aspx

File Edit View Favorites Tools Help

AG Tracking Login - VITA VITA - Test Server Welcome to Logi 10 Ad Hoc ... BugTracker.NET - logon Google Steph's Stuff Backdoor Login

New Contract Home Feeds Read Mail Print Page Safety Tools Help

DCR Virginia Department of Conservation & Recreation

Main Administration Reports Support My Account Logout

Dashboard > New Contract

1. Basic Information 2. Contract Type 3. Participant 4. Participant Address

Step 3: Participant

Search for an existing participant by entering all or part of their first name, last name, tax ID or social security number.

Joe Schmoe : ***-**-2345 Change

OR

Create New Participant

<< Previous Next >>

Local intranet 100%

https://dswcapps.dcr.virginia.gov/BMPTacking/Home/bmp/Contract.aspx?id=33458

File Edit View Favorites Tools Help

Contract

Home Feeds Read Mail Print Page Safety Tools Help

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Main Administration Reports Support My Account Logout

Dashboard > Contracts > 50-11-0029

Contract #:	50-11-0029	Participant:	Joe Schmoe	Participant Address:	123 Main St Culpeper, VA 22456
Contract Type:	Voluntary: 1 payment(s)	SSN / Tax ID:	***-**-2345	Phone:	(540) 123-4567
District:	Demo District				

[Instances](#) [Payments](#) [Comments](#) [Forms](#) [Participant Contracts](#)

Save

New

Copy Contract

Done

Local intranet 100%

[Main](#) [Administration](#) [Reports](#) [Support](#) [My Account](#)[Logout](#)[Dashboard](#) > [Contracts](#) > [50-11-0029](#) > SL-6 (ID: 125150)

Participant: Joe Schmoie
Contract #: [50-11-0029](#)
Practice: SL-6: Stream Exclusion With Grazing Land Management
Fields: none
Acres in Practice: 0.00

[General](#)[Farms And Fields](#)[Measurements](#)[Maps](#)[Programs](#)[CEF](#)[Spot Checks](#)[Form Letters](#)

Save BMP

Fields currently assigned to the instance.

Search for new fields to add to the instance.

☒ Participant: Joe Schmoie

OR

☐ County Farm FSA Number: Tract FSA Number:

Search

[new farm](#)☐ Farm: 300 [new tract](#)☐ Tract: 1 [new field](#)☐ Field: 2 of 50 acres☐ Field: 5 of 30 acres☐ Tract: 1250 [new field](#)☒ Field: 1 of 50 acres

Add Checked Fields

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https://dswcapps.dcr.virginia.gov/BMPTacking/Home/bmp/BMPInstance.aspx?id=125150&Generated=1

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Convert Select

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Main Administration Reports Support My Account Logout

Dashboard > Contracts > 50-11-0029 > SL-6 (ID: 125150)

Participant: Joe Schmoe
Contract #: 50-11-0029
Practice: SL-6: Stream Exclusion With Grazing Land Management
Fields: none
Acres in Practice: 0.00

General
Farms And Fields
Measurements
Maps
Programs
CEF
Spot Checks
Form Letters

Save BMP

Extent Requested	Contract Year 1
Length of streambank protection requested (Lin. Feet)	<input type="text"/>
Number of primary animals for requested BMP (Count)	<input type="text"/>
Primary animal type for requested BMP (Animal Type)	<< Select One >>
Number of secondary animals for requested BMP (Count)	<input type="text"/>
Secondary animal type for requested BMP (Animal Type)	<< Select One >>
Number of tertiary animals for requested BMP (Count)	<input type="text"/>
Tertiary animal type for requested BMP (Animal Type)	<< Select One >>

Acres Benefitted	Contract Year 1
Area where grazing is improved & stream bank protected (Acres)	<input type="text"/>
Buffer area (Acres)	<input type="text"/>

Done

Local intranet 100%

Measurements

- Maps
- Programs
- CEF
- Spot Checks
- Form Letters

Save BMP

Number of primary animals for requested BMP (Count)	<input type="text"/>
Primary animal type for requested BMP (Animal Type)	<< Select One >>
Number of secondary animals for requested BMP (Count)	<input type="text"/>
Secondary animal type for requested BMP (Animal Type)	<< Select One >>
Number of tertiary animals for requested BMP (Count)	<input type="text"/>
Tertiary animal type for requested BMP (Animal Type)	<< Select One >>

Acres Benefitted	Contract Year 1
Area where grazing is improved & stream bank protected (Acres)	<input type="text"/>
Buffer area (Acres)	<input type="text"/>

Erosion Reduction	Contract Year 1
Sheet/Rill Erosion Reduction (Tons per Acre per Year)	<input type="text"/>
Gross/Gully Erosion Reduction (Tons per Year)	<input type="text"/>

Extent Authorized	Contract Year 1
Length of streambank protection authorized (Lin. Feet)	<input type="text"/>

Extent Installed	Contract Year 1
Average buffer width (Lin. Feet)	<input type="text"/>
Length of streambank protected (Lin. Feet)	<input type="text"/>
Number of alternative water systems installed (Count)	<input type="text"/>



Participant: Joe Schmoe
 Contract #: 50-11-0029
 Practice: SL-6: Stream Exclusion With Grazing Land Management
 Fields: none
 Acres in Practice: 0.00

[General](#)
[Farms And Fields](#)
[Measurements](#)
[Maps](#)
[Programs](#)
[CEF](#)
[Spot Checks](#)
[Form Letters](#)

Save BMP

This practice requires a map.

Distance to Stream: 20.00
 Relief to Stream:
 Latitude:
 Longitude:
 Hydrologic Unit:
 Hydrologic Unit Priority:
 Topo Map:
 TMDL:

Map It

[Copy Map Data](#)

Saved Map Images

Virginia BMP Mapping System - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/mapviewer/?bmapinstanceid=125150

File Edit View Favorites Tools Help

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Virginia BMP Mapping System Home Feeds Read Mail Print Page Safety Tools Help

DCR Virginia Department of Conservation & Recreation

Address Contract Number

Address Search

Map Layers Results Active Tools

BMP Spatial Manager

BMP Instance ID: 125150

Zoom To Instance ID: GO

Location

Latitude:
Longitude:
Hydrologic Unit:
Hydrologic Unit Priority:
Topo:
TMDL:

Edit Location

Tools Export Bookmarks BMP Spatial Manager

BaseMap

BaseMap
2007 Aerials
2002 Aerials
2008 NAIP
Topos

50 mi

Deg Min Sec Lat: 39° 52' 14.49"N Lon: 76° 02' 16.88"W

javascript:\$find('ctl00_ContentPlaceholder1_CachedButtonList1').setActiveItem('2007 Aerials');

Local intranet 100%

Virginia BMP Mapping System - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/mapviewer/?bmpinstanceid=125150#

File Edit View Favorites Tools Help

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Virginia BMP Mapping System Home Feeds Read Mail Print Page Safety Tools Help

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Address | Contract Number

Address Search

Map Layers Results Active Tools

Tools Export Bookmarks BMP Spatial Manager

☒ **Current Year BMP Instances**

☒ **Status**

- ☐ Complete
- ☐ Approved
- ☐ Unapproved
- ☐ Canceled
- ☐ Carryover

☒ **Contract Type**

- ☒ Contractual
- ☒ Cost Share
- ☒ Tax Credit Only
- ☒ Voluntary

☒ **Historic BMP Instances**

- ☐ Ag and TMDL BMPs
- ☐ CREP BMPs

☐ **Roads**

- ☒ Roads (800,000)
- ☒ Roads (200,000)
- ☒ Roads (24,000)
- ☒ Roads (12,000)

Transparency: 20%

2007 Aerials

TIDEWATER

THREE RIVERS

2500 ft

Deg Min Sec Lat: 37° 40' 44.35"N Lon: 76° 45' 36.22"W

Local intranet 100%



Virginia Department of Conservation & Recreation

Address Contract Number

Address Search

Map Layers

Results

Active Tools

Tools

Export

Bookmarks

BMP Spatial Manager

BMP Spatial Manager



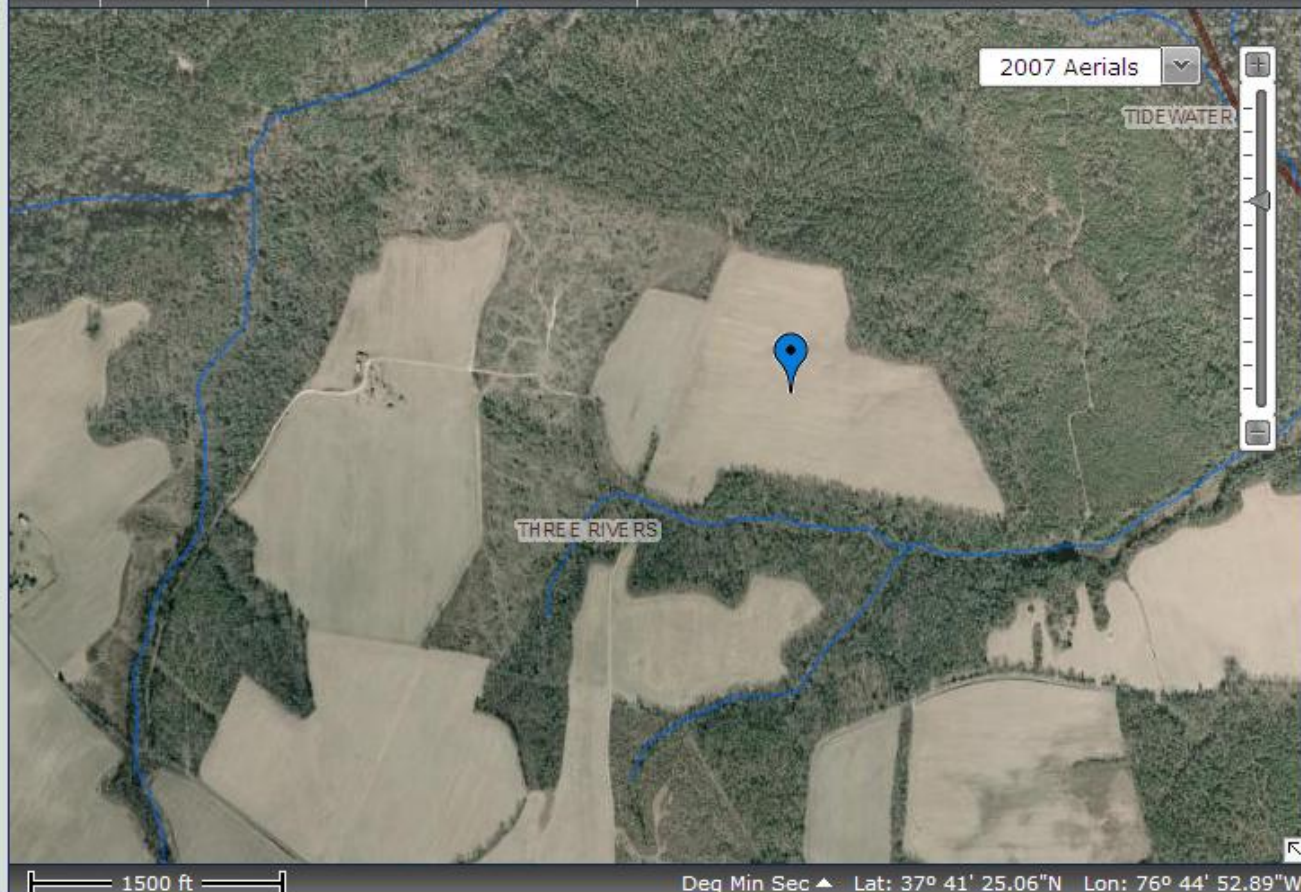
BMP Instance ID: 125150

Zoom To Instance ID: GO

Location

Latitude: 37.690295
Longitude: -76.748026
Hydrologic Unit: CB08
Hydrologic Unit Priority: Low
Topo: CHURCH VIEW
TMDL: 2

Save Cancel



DCR Virginia Department of Conservation & Recreation - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/BMPTracking/Home/bmp/BMPInstance.aspx?id=125150&Generated=1

File Edit View Favorites Tools Help

Convert Select

Favorites AG Tracking Login - VITA VITA - Test Server Welcome to Logi 10 Ad Hoc ... BugTracker.NET - logon Google Steph's Stuff Backdoor Login

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DCR
Virginia Department of Conservation & Recreation

Main Administration Reports Support My Account Logout

Dashboard > Contracts > 50-11-0029 > SL-6 (ID: 125150)

Participant: Joe Schmoe
Contract #: [50-11-0029](#)
Practice: SL-6: Stream Exclusion With Grazing Land Management
Fields: 300 - 1250 - 1
Acres in Practice: 50.00

[General](#)
[Farms And Fields](#)
[Measurements](#)
[Maps](#)
[Programs](#)
[CEF](#)
[Spot Checks](#)
[Form Letters](#)

Save BMP

Distance to Stream:	20.00
Relief to Stream:	
Latitude:	37.6902961730957
Longitude:	-76.7480239868164
Hydrologic Unit:	CB08
Hydrologic Unit Priority:	Low
Topo Map:	CHURCH VIEW
TMDL:	2

Map It [Copy Map Data](#)

Saved Map Images

Local intranet 100%

Virginia BMP Mapping System - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/mapviewer/?bmpinstanceid=125150#

File Edit View Favorites Tools Help

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Virginia BMP Mapping System Home Feeds Read Mail Print Page Safety Tools Help

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Address Contract Number

Address Search

Map Layers Results Active Tools

- ☒ Roads (200,000)
- ☒ Roads (24,000)
- ☒ Roads (12,000)
- ☐ Topo Quad Grid
- ☒ Soil and Water Conservation Districts
- ☐ County Boundaries
- ☒ **Hydrologic Units**
 - ☐ Priority Hydrologic Units
 - ☐ All Hydrologic Units
- ☐ **TMDL**
 - ☐ TMDL Implementation Plan Areas
 - ☐ Chesapeake Bay TMDL
 - ☐ TMDL Type
- ☐ Healthy Waters Watershed
- ☐ **Contours**
 - ☒ 20 Meter
 - ☒ 10 Meter
- ☒ **Background Data**
 - ☒ Streams (NHD)
 - ☐ Wetlands

Transparency: 50%

Tools Export Bookmarks BMP Spatial Manager

2007 Aerials

THRE E RIVERS

2500 ft

Deg Min Sec Lat: 37° 41' 23.37"N Lon: 76° 45' 32.45"W

Local intranet 100%

Virginia BMP Mapping System - Windows Internet Explorer

https://dswcapps.dcr.virginia.gov/mapviewer/?bmpinstanceid=125150#

File Edit View Favorites Tools Help

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Virginia BMP Mapping System

Home Feeds [1] Read Mail Print Page Safety Tools Help

DCR Virginia Department of Conservation & Recreation

Address Contract Number

Address Search

Map Layers Results Active Tools

Tools Export Bookmarks BMP Spatial Manager

☒ **Current Year BMP Instances**

☒ **Status**

- ☐ Complete
- ☐ Approved
- ☐ Unapproved
- ☐ Canceled
- ☐ Carryover
- ☐ Contract Type

☒ **Historic BMP Instances**

- ☐ Ag and TMDL BMPs
- ☐ CREP BMPs

☐ **Roads**

- ☒ Roads (800,000)
- ☒ Roads (200,000)
- ☒ Roads (24,000)
- ☒ Roads (12,000)
- ☐ Topo Quad Grid
- ☒ Soil and Water Conservation Districts
- ☐ County Boundaries

☒ **Hydrologic Units**

Transparency: 50%

2007 Aerials

THREE RIVERS

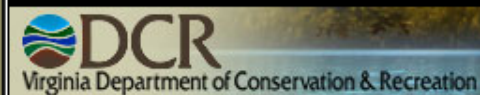
2500 ft

Deg Min Sec Lat: 37° 41' 11.18"N Lon: 76° 44' 56.07"W

Local intranet 100%

Done, but with errors on page.

Ag BMP Spot Check Program

[Main](#)[Administration](#)[Reports](#)[Support](#)[My Account](#)[Logout](#)[Dashboard](#) > [Spot Checks Forms](#)

Generate Spot Check Forms

This tool generates spot check forms from a random sampling of instances. This includes 5% of all structural practices installed the previous year and 5% of all structural practices installed earlier that are still within their lifespan.

Click the button below to generate printable PDF files. A file will be created for each district and they will be combined into a single ZIP file for easy downloading.

Note: This operation may take a few minutes.

[Generate Forms](#)

Virginia Agricultural BMP Cost-Share Program Compliance Spot Check Report

District: JOHN MARSHALL

County: FAUQUIER

Cost Share Applicant Info

First Name:

Last Name:

Phone:

Address:

City:

State: Zip:

VA

Cost Share Practice Information

Program Year Installed: 2010

BMP Instance ID: 7333

Practice Code: SL-6

Practice Lifespan: 10

Practice Name: Grazing land protection

FSA Farm Number:

FSA Track Number:

Field Numbers:

1258

8530

2, 3, 42, 59

Extent Installed : 2200

Extent Installed Unit: Lin. Feet

CostShare Payment Amount: \$34,224.84

CostShare Payment Date: 06/29/2010

Tax Credit Amount:

Tax Credit Issued Date:

Spot Check Information (please fill out)

Date of Spot Check:

Spot Check BY:

Practice Status (please check the applicable status)

Practice installed, functioning as designed, and properly maintained:

☐

Practice installed, not maintained or functioning improperly*:

☐

Practice damaged or destroyed and not longer functioning*:

☐

* Refer to District Board for action

Comments

DCR 199-112

COMMONWEALTH of VIRGINIA
Standard Operating Procedures for Managing and Reporting
Non-Point Source Data to the U.S. EPA - Chesapeake Bay Program
Office

Standard Operating Procedures for Soil and Manure
Testing for Nutrient Management Plan Development

QUALITY ASSURANCE PROJECT PLAN
July 1, 2011



Department of Conservation and Recreation
Division of Stormwater Management
203 Governor Street, Suite 206
Richmond, VA 23219-2094 (804) 786-7119

Appendix 1

Table 2

Summary of BMP Spot Check Results

Spot Check summary for PY 2010 (July 1, 2009 through June 30, 2010)

Region of VA	# of BMPs checked	# of BMPs OK	# of BMPs not maintained properly & needing re-inspection after maintenance	# of BMPs requiring Additional Follow up
Abington	58	45	13	0
Christiansburg	71	67	4	5
Richmond	42	35	7	1
Staunton	58	46	8	0
Suffolk	42	42	0	1
Tappahannock	64	63	1	0
Warrenton	78	71	7	0
% of Total	355	324	27	7

Totals

Inspected

91.27%

8.33%

25.93%