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TEST RESULTS INPUT FORMS

Note: This chapter is only intended as a general guide for data input in PLAID. VDOT Materials personnel will provide you with instruction.

Producer Lab Analysis and Information Details (PLAID)

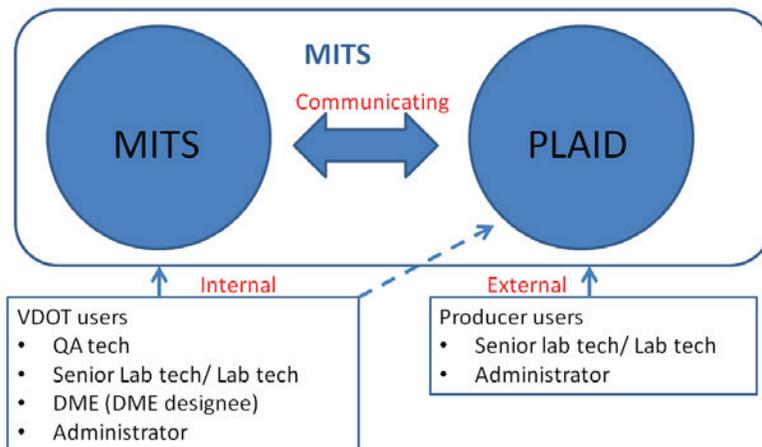
The Producers Lab Analysis and Information Details (PLAID) application is part of the Materials Information Tracking System(MITS).

PLAID: used by Producers

MITS: used by VDOT

Via web portal the MITS enables:

- submitting/approving of Job Mix Formula
- entry of producer and VDOT test data to the database
- sharing of data and reports



The purpose of this application is to allow Producers to submit the Job Mix Formula (TL-127) for VDOT approval and; to enter the sample test data along with Lot details (TL-52).

NOTE: You will need to get access permissions from your VDOT representative.

The link for PLAID: <https://plaid.vdot.virginia.gov/>



Main Menu

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Administration –User Management



Producer Lab Analysis and Information Details

Home > Administration > Security > User Management
Administration > Help

Administer Security: User Management
Disabled

User ID:

Profile

Organization:

Full Name:

Password:

Password Verify:

Password Updated:

Account Expiration Date:

User Access Rights

Application Roles: Administrator

Lab Analysis Roles: Lab Tech Sr Lab Tech Bonded Weighperson Read Only

Program Type: CMA HMA

Designee

CMA Designee:

CMA Designee Expiration Date:

Contact Information

Email:

Address Line 1:

Address Line 2:

City: State:

Zip Code:

Phone: Fax:

User will receive notifications for the following Districts:

<input type="checkbox"/> BRISTOL	<input checked="" type="checkbox"/> HAMPTON ROADS	<input type="checkbox"/> RICHMOND
<input type="checkbox"/> CENTRAL OFFICE	<input type="checkbox"/> LYNCHBURG	<input checked="" type="checkbox"/> SALEM
<input type="checkbox"/> CULPEPER	<input type="checkbox"/> NORTHERN VIRGINIA	<input type="checkbox"/> STAUNTON
<input type="checkbox"/> FREDERICKSBURG		

CMA Designee:

HMA Designee:

HMA Designee Expiration Date:



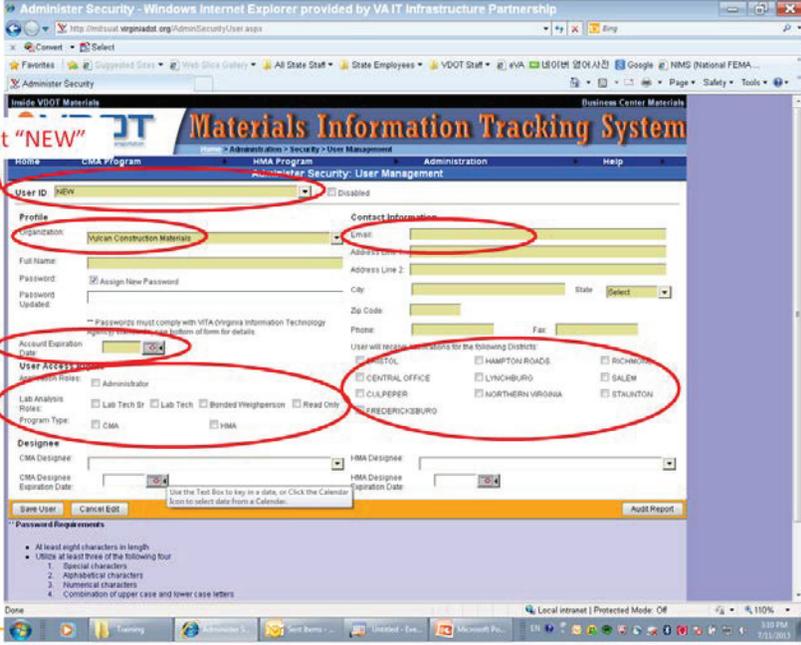
User Access Right

- Application Role
 - Administrator : can see other user profiles and add or modify them (assign new password)
 - New producer accounts are disabled until a VDOT user approves the account
- Lab Analysis Role
 - Lab Tech Sr (can enter and submit JMF or TL 52 ; complete Lot)
 - Lab Tech (can only enter JMF or TL 52)
 - Bonded Weight Person
 - Read Only
- Program type
 - CMA
 - HMA

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Adding new user



Select "NEW"

Home

- Lists all notifications that the user has received

VDOT **Producer Lab Analysis and Information Details**

Home CMA Program HMA Program Administration Help

Notification

Filter existing records by: Include Hidden Notifications Notification Type: All

Notification Search Results (156 found)

Sent	Type	From	Message	Link	Hidden	Delete
5/08/2012 2:53 PM	TL127 HMA	Automated	TL127 has been Approved for Production Year: 2012 Part Part A. Producer: Fake Producer Plant Location InkMtr: 2011001	Recal	<input type="checkbox"/>	<input type="checkbox"/>
5/21/2012 1:16 PM	TL50	Automated	TL50 has been Released Producer: Fake Producer Plant Location InkMtr: 2011003	Recal	<input type="checkbox"/>	<input type="checkbox"/>
5/17/2012 8:48 AM	TL52	Automated	TL52 has been Released Producer: Fake Producer Plant Location InkMtr: 2011003	Recal	<input type="checkbox"/>	<input type="checkbox"/>
5/17/2012 8:21 AM	Lot	Automated	Lot has been Closed Out. Producer: Fake Producer Plant Location InkMtr: 2011001	Recal	<input type="checkbox"/>	<input type="checkbox"/>
5/17/2012 8:20 AM	TL50	Automated	TL50 has been Released Producer: Fake Producer Plant Location InkMtr: 2011003	Recal	<input type="checkbox"/>	<input type="checkbox"/>

Excel Report

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Home (Notification Form)

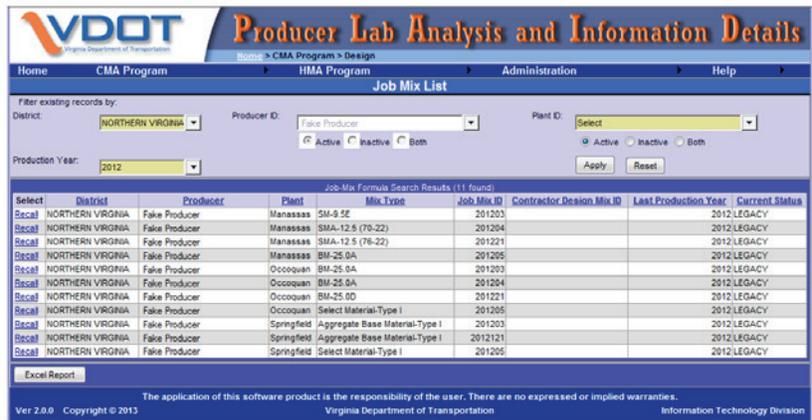
Users will receive notifications when your VDOT representative (for the programs they are assigned and the Districts they have selected):

- approves the TL 127 submitted (or decline)
- certifies the TL 52 submitted
- releases the TL 52 for the split sample tested by VDOT
- closes out the LOT
- sends a message etc.

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Design (Job Mix List) Form VDOT

- Displays Job Mixes(TL127) based on the selected filter option (District, Producer ID, Plant ID, and Production Year)

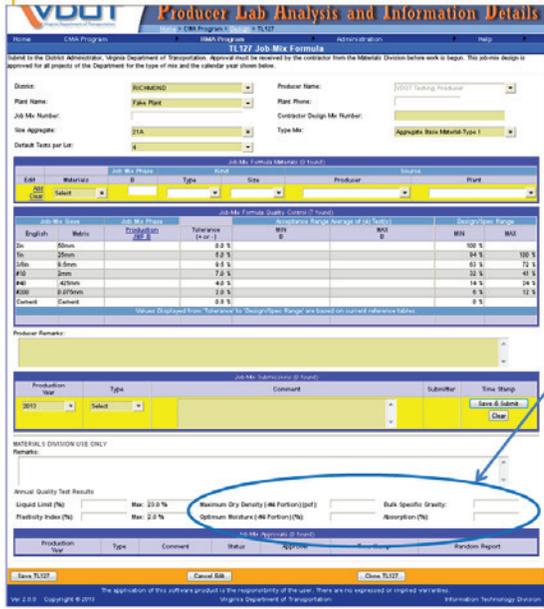


The screenshot shows the 'Job Mix List' interface with the following data table:

Select	District	Producer	Plant	Mix Type	Job Mix ID	Contractor Design Mix ID	Last Production Year	Current Status
Recall	NORTHERN VIRGINIA	Fake Producer	Manassas	SM-9 SE	201205		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Manassas	SMA-12.5 (70-22)	201204		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Manassas	SMA-12.5 (76-22)	201221		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Manassas	BM-25.0A	201205		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Occoquan	BM-25.0A	201203		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Occoquan	BM-25.0A	201204		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Occoquan	BM-25.0D	201221		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Occoquan	Select Material-Type I	201205		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Springfield	Aggregate Base Material-Type I	201203		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Springfield	Aggregate Base Material-Type I	2012121		2012	LEGACY
Recall	NORTHERN VIRGINIA	Fake Producer	Springfield	Select Material-Type I	201205		2012	LEGACY

❖ Find all the job mix formulas for the year of 2010 (for your plant)

TL-127 Job Mix Formula VDOT



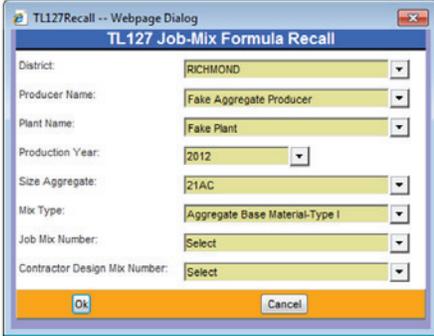
- Save and/or submit TL127 for VDOT approval
- Clone TL127 from the existing TL127's
- Annual Quality Test Results (Compaction test results)

❖ Submit the Job Mix Formula (I will approve it) and see if you receive a notification that the JMF is approved.

Recall TL-127



- The user can recall specific TL127 using the TL 127 JMF recall pop up
- TL127 can be also recalled from the Design (Job Mix List) Form



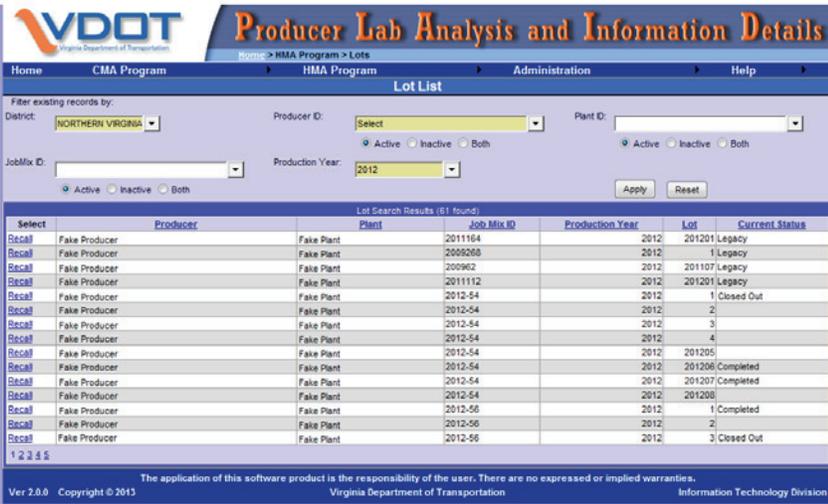
❖ Find the TL 127 you have just submitted using these two options.

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Lots (Lot List) Form



- Displays Lots based on the selected filter option (District, Producer ID, Plant ID, Job Mix ID, and Production Year)



Select	Producer	Plant	Job Mix ID	Production Year	Lot	Current Status
Recall	Fake Producer	Fake Plant	2011104	2012	201201	Legacy
Recall	Fake Producer	Fake Plant	2009268	2012	1	Legacy
Recall	Fake Producer	Fake Plant	200962	2012	201107	Legacy
Recall	Fake Producer	Fake Plant	2011112	2012	201201	Legacy
Recall	Fake Producer	Fake Plant	2012-54	2012	1	Closed Out
Recall	Fake Producer	Fake Plant	2012-54	2012	2	
Recall	Fake Producer	Fake Plant	2012-54	2012	3	
Recall	Fake Producer	Fake Plant	2012-54	2012	4	
Recall	Fake Producer	Fake Plant	2012-54	2012	201205	
Recall	Fake Producer	Fake Plant	2012-54	2012	201206	Completed
Recall	Fake Producer	Fake Plant	2012-54	2012	201207	Completed
Recall	Fake Producer	Fake Plant	2012-54	2012	201208	
Recall	Fake Producer	Fake Plant	2012-56	2012	1	Completed
Recall	Fake Producer	Fake Plant	2012-56	2012	2	
Recall	Fake Producer	Fake Plant	2012-56	2012	3	Closed Out

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Lot Detail Form




Producer Lab Analysis and Information Details

Home CMA Program HMA Program Administration Help

Lot Details

District: Production Year:
 Producer Name: Plant Name:
 Design Type: Mix Type:
 Job Mix Number: Lot Number:
 Test Report Number:

Results of Audit						
Lot	Project Schedule	Spec Year	Item Number	Tonnage Shipped	Report Number	Status
0001-029-2001		2013		250.00		Saved
0027-000-001-0201		2013		1500.00		Saved

Samples (TL 512) Form						
Sample	Sample Number	Tonnage	Sample Date/Time	VDOT	Current Status	Exception Test
Sample	1	100	3/10/13 7:53 AM		Submitted	
Sample	2	617	3/4/2013 10:36 AM		Submitted	
Sample	3	1108	3/5/2013 10:24 AM		Submitted	

Verify Compliance Adjustment & Audit						
Sieve	Acceptance Range	Lot Average	Min	Max	Fails By	Adjustment Points
English	100.0 %	100.0 %	100.0 %	0.0		0.0
#125	97.0 %	97.0 %	100.0 %	0.0		0.0
#200	85.7 %	83.6 %	92.4 %	0.0		0.0
#425	32.7 %	28.6 %	37.4 %	0.0		0.0
#600	5.00 %	4.10 %	6.30 %	0.00		0.0
Appball	A.C.	4.27 %	4.93 %	0.00		0.0
Totals						0.0

Values Displayed from Submitted TLR Results.

Producer Remarks:

VDOT Remarks:

Status: Time Stamp: User Name:

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- Generate a new Lot
- Add or edit the projects and the tonnage shipped to the project from the Lot.
- ✓ Note: project will not be available till after a VDOT user has entered the project and assigned TL-127s related to that project
- Add a new sample
- See the Lot average values for each sieve and Atterberg Limits and the adjustment points
- Complete the Lot

TL 52 FORM :




Producer Lab Analysis and Information Details

Home CMA Program HMA Program Administration Help

TL52 Aggregate Compliance Testing

District: Production Year:
 Producer Name: Plant Name:
 Size Aggregate: Mix Type:
 Job Mix Number:
 Lot Number: Sample Number:
 Tonnage: Existing New Exception Test: Check Test Refuse Test
 Project Schedule: Lot:
 Locality: State:
 Sample Date: Sample Time:
 Sampled By: VDOT Observer:
 Producer Lab: VDOT Lab:
 Tested By (Producer): Tested By (VDOT):

*** Tab Fields Detailed Separately ***

Producer Remarks:
 VDOT Remarks:

Action: Time Stamp: User Name:

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- Save and/or submit TL 52
- Enter the sample information and the test results which include:
 - Gradation
 - Atterberg Limits
- ✓ Note: remember to complete the required fields (lot #, sample #, job mix # etc) and save TL 52 FIRST! Your login will timeout (20min after you leave your computer) and everything you entered will be lost if you haven't save it.

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TL 52 FORM – Gradation Tab :



- Enter the weight retained on each sieve as an input; percent retained and percent passing will be calculated based on the weights entered.
- Will see the results for the split sample done by VDOT and the D2S

Gradation | Atterberg | Compaction

Producer Values: Report Number: 12345678901234567890
 Date Testing Complete: 10/10/2013 10:14
 Lab Tracking Number: 1234567890
 Total Aggregate Weight (g): 1000.0
 Fines Aggregate Weight (g): 110.0

VDOT Values: Report Number:
 Date Testing Complete: 10/10/2013
 Lab Tracking Number:
 Total Aggregate Weight (g):
 Fines Aggregate Weight (g):

Sieve	English	Metric	Producer			VDOT			D2S		
			Weight Retained (g)	Percent Retained	Percent Passing	Weight Retained (g)	Percent Retained	Percent Passing	Weight Retained (g)	Percent Retained	Percent Passing
2in	76mm		0.0	0.0%	100.0%						
2 1/2in	63mm		0.0	0.0%	100.0%						
2in	50mm	100.0%	0.0	0.0%	100.0%						
1 1/2in	37.5mm	95.0%	85.0	8.5%	91.5%						
1 1/4in	31.5mm		52.0	5.2%	94.8%						
3/8in	9.5mm	67.5%	800.0	80.0%	20.0%						
#4	4.75mm		200.0	20.0%	80.0%						
#10	2.0mm	37.0%	10.0	1.0%	99.0%						

JMF Cement: 4.0% Cement Content: 1.5% VDOT Values: D2S Cement:

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TL 52 FORM – Atterberg Limits Tab:



- Enter Atterberg Limits test results (Liquid Limit, Plastic Limit, and Plasticity Index)
- ✓ Note: Atterberg Limits will be defined as Non-Plastic (NP) if no input is entered

Gradation | Atterberg | Compaction

Property	Liquid Limit			Criteria Max
	JMF	Producer	VDOT	
Weight of Dish (g)		1.0		
Weight of Dish + Wet Soil (g)		11.0		
Weight of Dish + Dry Soil (g)		9.0		
No. of Blows		5		
Weight of Water (g)		3.0		
Weight of Dry Soil (g)		7.0		
Percent Moisture	0.0%	42.9%		
Liquid Limit	23.0%	35.3%		23.0%

Property	Plastic Limit			Criteria Max
	JMF	Producer	VDOT	
Weight of Dish (g)		1.0		
Weight of Dish + Wet Soil (g)		10.0		
Weight of Dish + Dry Soil (g)		9.0		
Weight of Water (g)		1.0		
Weight of Dry Soil (g)		8.0		
Plastic Limit		12.5%		
Plasticity Index	2.0%	22.8%		2.0%

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TL 52 FORM – CompactionTab:



- Display the annual quality test results done by VDOT
- Producer user will only have Read access to this form, allowing them to review released information and use the links for navigation

Compaction			
Property	JMF	VDOT	
Bulk Specific Gravity	0.50		
Absorption (%)	1.2 %		
Optimum Moisture Content (#4 Portion)	2.0 %		
Retained (#4 Portion) (%)			55.87 %
Optimum Moisture Content Total Sample			1.6 %
Maximum Density (#4 Portion) (pcf)	1.5		
Maximum Density Total Sample			3.2

- ❖ Create a lot for the JMF that is just approved, enter the test results onto TL 52, and submit TL 52

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Recall Lot and Recall TL 52



- The user can recall specific Lot using the “Recall Lot” menu
- The user can recall specific TL 52 using the “Recall TL52” menu

Lot Recall

District: RICHMOND

Producer Name: Fake Producer

Plant Name: Fake Plant

Production Year: 2012

Size Aggregate: 21AC

Mix Type: Aggregate Base Material-Type I

Job Mix Number: 20121

Lot Number: 10

Buttons: OK, Cancel

TL52 Monitor Recall

District: NORTHERN VIRGINIA

Producer Name: Fake Producer

Plant Name: Plant Location

Production Year: 2012

Size Aggregate: 21A

Mix Type: Select Material-Type I

Job Mix Number: 2012-1256

Lot Number: 4

Sample Number: 3

Buttons: OK, Cancel

- ❖ Recall the lot that you has created
- ❖ Recall TL 52 that you has submitted

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Projects (Projects List) Form

- Display Projects based on the selected filter option (Administrative District, CMA Spec Year, Plant District, Producer ID, Plant ID)

Select	District List	Project	HMA Spec Year	Producer List	HMA Status
Recall	RICHMOND	0001-026-878.M001	2011	Fake Producer	Closed Out
Recall	RICHMOND	0008-074-723.C001	2011	Fake Producer - A different Producer, Another Producer	Closed Out
Recall	RICHMOND	0004-064-050.M001	2011	Fake Producer	Closing
Recall	RICHMOND	0005-064-054.M001	2011	Fake Producer	Legacy
Recall	RICHMOND	0109-123-247.C001	2011	Fake Producer - A different Producer, Another Producer	Legacy
Recall	RICHMOND	0156-043-750.M001	2011	Fake Producer	Saved
Recall	RICHMOND	0208-020-090.M001	2011	Fake Producer	Saved
Recall	RICHMOND	0205-043-725.B007	2011	Fake Producer	Saved
Recall	RICHMOND	0605-042-00100249	2011	Fake Producer	Saved
Recall	RICHMOND	0636-020-308.C001	2011	Fake Producer	Saved
Recall	RICHMOND	0046-074-209.C001	2011	Fake Producer	Saved
Recall	RICHMOND	7095-064-115.C001	2011	Fake Producer	Saved
Recall	RICHMOND	7095-064-115.C002	2011	Fake Producer	Saved
Recall	RICHMOND	9999-064-504.M001	2011	Fake Producer	Saved
Recall	RICHMOND, HAMPTON ROADS	PM01-020-F11.P001	2011	Fake Producer	Saved

Projects Details Form

- Display the Job Mixes and the total tonnage used for the project
- Producer user will only have Read access to this form, allowing them to review released information and use the links for navigation

Job Mix Number	Plant	Job Type	Item Number	Bid Price	Total Tonnage
001	Plant 1	30.0 SA	30.0 SA		170.00
002	STANTON	Fake Producer	Plant 2	30.0 SA	170.00
003	STANTON	Fake Producer	Plant 2	30.0 SA	170.00
004	STANTON	Fake Producer	Plant 2	30.0 SA	170.00

Production Year	Lot	Status	Tonnage	Points	Points	Recommended Project Override Points	Report
2012	201201	Closed Out	205	0.0			PLAG Report
2012	201202	Closed Out	130	0.0			PLAG Report

Recall Project



- The user can recall specific Project using the “Recall Project” menu

Project Recall

District:

Spec Year:

Project Number:

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Help



- Online Manual
- Printable Manual (in PDF format)
- Contact

Contact -- Webpage Dialog

Contact Information

Most inquires can be handled by your VDOT Representative.
This will probably be the quickest way to a resolution.

However if you need additional support, please email...

[CMA Support <MITSandPLAIDhelp@VDOT.Virginia.gov>](mailto:CMA_Support_MITSandPLAIDhelp@VDOT.Virginia.gov)
[HMA Support <MITSandPLAIDhelp@VDOT.Virginia.gov>](mailto:HMA_Support_MITSandPLAIDhelp@VDOT.Virginia.gov)

When using the support email please give a Detailed Description of the Issue you are having. If applicable, please include...

1. Your User ID.
2. The Program Type of the Issue (CMA \ HMA), preferably have this as part of the Subject.
3. Steps taken to cause the issue.
4. Enough information to recall the record having the issue.
5. Observed Results (the issue itself).
6. Screen shots of the issue.

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