



FEMA

MIP Enhanced Search and File Upload Process Changes

April 25, 2014

RiskMAP
Increasing Resilience Together



Review: Project Goals and Methods

Project Goals

- Enable a usable and effective Search & Retrieve tool for locating data
- Phase in a public Search & Retrieve component – the Flood Risk Study Engineering Library – to enable much wider access to supporting engineering data

Project Methods

- Build a new Enhanced Search Engine and interface that allows a more effective way of retrieving data
- Add data upload access controls in MIP to support data management and eventual public access
- Adjust workflow activities as needed (Adding Upload functionality in various workflow activities)

Search & Retrieve: Enhanced Search

Sequencing & PALT / Data Upload / **Search & Retrieve Data** / Clinic / Reports & Form Letters / DFIRM DS QA / DVT Admin / Address Book / Search Online LOMC

Home » Tools & Links » Search & Retrieve Data

Narrow Your Search

Project Type

- Studies (1)
- Revisions (2)
- Amendments (1)

State

- Virginia (5)

Case Number

- All -

Type of Data Product

- Annotations (1)
- Base Map (1)
- Correspondence (1)

[+ See More Types](#)

[Refine Search](#)

SEARCH CRITERIA

Keyword(s) Search [Go](#) [+ Advanced Search](#)

ADVANCED SEARCH

State	<input type="text"/>	FEMA Case Number (00-00-0000X)	<input type="text"/>
County	<input type="text"/>	Effective Date From (MM/DD/YYYY)	<input type="text"/>
Community Name	<input type="text"/>	Effective Date To (MM/DD/YYYY)	<input type="text"/>
Type of Data Product	<input type="text"/>		
Project ID/Name	<input type="text"/>	Abstract	<input type="text"/>
Community ID	<input type="text"/>	Projection	<input type="text"/>
Originator	<input type="text"/>	Grid Coordinate System	<input type="text"/>
Contact Name	<input type="text"/>	Fiscal Year	<input type="text"/>
		Flooding Source	<input type="text"/>
		Entity Type	<input type="text"/>
		Date Uploaded From (MM/DD/YYYY)	<input type="text"/>
		Date Uploaded To (MM/DD/YYYY)	<input type="text"/>

[- Less Options](#) [Search](#) [Reset](#)

SEARCH RESULTS

5 results match the search criteria.

Showing 1-5 of 5

Lookup CID

[Find](#)

[FEMA Case Number: 07-03-0155R - Annotations](#)

Product ID/Name: Lot 10 Big Hollow Run Revision | Type of Data Product: Annotations | Effective Date: 10/1/2013
Date Uploaded: 11/03/2013 | CID(s): 510052 - HERNDON, TWN/FAIRFAX COUNTY, 510186 - CLIFTON, TWN OF FAIRFAX COUNTY, 510054 - FALLS CHURCH, CITY/IN. CITY, 510123 - MANASSAS PARK / INC. CITY, 510122 - MANASSAS/IN. CITY, 510124 - OCCOQUAN, TWN/PRINCE WILLIAM COUNTY

[FEMA Case Number: 07-03-0155R - Modeling Hydraulics](#)

Product ID/Name: Lot 10 Big Hollow Run Revision | Type of Data Product: Modeling Hydraulics | Effective Date: 10/20/2013
Date Uploaded: 10/25/2013 | CID(s): 51013C - ARLINGTON CO UNINC & INC AREAS/ARLINGTON COUNTY

The Search & Retrieve functionality is being Overhauled:

*For users within Risk MAP, it should be familiar and intuitive

*Documentation explaining the Flood Risk Study Engineering Library will be produced and will also be a useful reference for Authenticated Users

Under Development

UCR3PAMD002

Search & Retrieve: Enhanced Search

Sequencing & PALT / Data Upload / **Search & Retrieve Data** / Citrix / FileExplorer / Reports & Form Letters / DFIRM DB QA / DVT Admin / Address Book / Search Online LO

Home » Tools & Links » Search & Retrieve Data

Narrow Your Search

Project Type

- Amendment (3)
- Revision (4)
- Study (17)

State

- Massachusetts (2)
- Virginia (22)

[+ See More States](#)

Case Number

Type of Data Product

- Correspondence/Data (Amendments) (3)
- Base Map (Studies) (7)
- Correspondence (Studies) (6)
- Modeling Hydraulics (Revisions) (1)
- TSDN (Studies) (2)
- Review Notes (Revisions) (1)
- Modeling Hydrology (Revisions) (2)
- Coastal Analysis (Studies) (1)
- Appeals (Studies) (1)

[+ See More Types](#)

SEARCH CRITERIA

Keyword(s) Search [+ Advanced Search](#)

ADVANCED SEARCH

State	-- select --	FEMA Case Number	<input type="text"/>
County	-- select --	Effective Date From (MM/DD/YYYY)	<input type="text"/>
Community Name	-- select --	Effective Date To (MM/DD/YYYY)	<input type="text"/>
Type of Data Product	-- select --	Projection	--select--
Project ID/Name	<input type="text"/>	Grid Coordinate System	--select--
Originator	<input type="text"/>	Entity TypeEntity Type	<input type="text"/>
Contact Name	<input type="text"/>	Fiscal Year	--select--
Abstract	<input type="text"/>	Date Uploaded From (MM/DD/YYYY)	<input type="text"/>
Flooding Source	<input type="text"/>	Date Uploaded To (MM/DD/YYYY)	<input type="text"/>
Community ID	<input type="text"/>		

[- Less Options](#)

SEARCH RESULTS

24 result match the search criteria

Showing 11 of 20

FEMA Case Number: 11-03-0361S - Base Map (Studies)

Project ID/Name: SKL-Study5 | Type of Data Product: Base Map (Studies) | Effective Date: | Date Uploaded: 04/04/2014 | Project CID(s): 51059C-Fairfax County-wide | Product CID(s): 51059C-Fairfax County-wide

FEMA Case Number: 11-03-0361S - Base Map (Studies)

Project ID/Name: SKL-Study5 | Type of Data Product: Base Map (Studies) | Effective Date: | Date Uploaded: 04/02/2014 | Project CID(s): 51059C-Fairfax County-wide | Product CID(s): 51059C-Fairfax County-wide

FEMA Case Number: 11-03-0287P - Modeling Hydrology (Revisions)

Project ID/Name: SKL-R3VA-Revis31 | Type of Data Product: Modeling Hydrology (Revisions) | Effective Date: | Date Uploaded: 03/10/2011 | Project CID(s): 510052-HERNDON, TOWN OF | Product CID(s): 510052-HERNDON, TOWN OF

FEMA Case Number: 11-03-0287P - Modeling Hydrology (Revisions)

Project ID/Name: SKL-R3VA-Revis31 | Type of Data Product: Modeling Hydrology (Revisions) | Effective Date: | Date Uploaded: 03/10/2011 | Project CID(s): 510052-HERNDON, TOWN OF | Product CID(s): 510052-HERNDON, TOWN OF

Under Development

Search & Retrieve: Enhanced Search

Mapping INFORMATION PLATFORM

Welcome miptest418_pts | [Log Out](#) | [FEMA Dictionary](#) | [MIP Help?](#)

[Home](#) | [Risk MAP](#) | [News & Events](#) | **[Tools & Links](#)** | [Workbench](#) | [MIP User Care](#)

[Data Upload](#) | **[Search & Retrieve Data](#)** | [Citrix](#) | [FileExplorer](#) | [Reports & Form Letters](#)

[Home](#) » [Tools & Links](#) » [Search & Retrieve Data](#)

DETAILS

FEMA Case Number	13-03-0076S
Project ID/Name	OA_STDY_11282012
Type of Data Product	Finalize Project Scope (Studies)
Effective Date	
Date Uploaded	11/28/2012
Project CID(s)	515525-FAIRFAX COUNTY *
Product CID(s)	515525-FAIRFAX COUNTY *

[Files Found](#) [View Metadata](#)

CNMS Test Plan.docx

[<< Back to Search Results](#)

Under Development

UCR3PAMD002

File Uploads: Tools & Links

When files are uploaded in the MIP - Data Upload via Tools and Links, they are automatically searchable and retrievable through the Flood Risk Study Engineering Library

- For Studies, Amendments, and Revisions: There are new artifacts/submission types to upload
- For Studies, Amendments, and Revisions: The 'Access Restriction' drop down has been replaced
- For Studies, Amendments & Revisions: MIP users will be able to override the pre-defined Public Access Restrictions by selecting options for:
 - Allow for Public Discovery? - Will the public see the upload dataset returned in Search results? (Yes or No)
 - Allow File Names Displayed? – After selecting an upload dataset, can the public view the file names within the specific upload? (Yes or No)
 - Allow for Public Download? - Can the public download the files associated with the specific upload? (Yes or No)
 - Selecting 'No' on all 3 options will cause the search engine to not display the uploaded artifacts at anytime
 - By default, the public access permissions will be set as defined in the Public Access Rules document

File Uploads: Tools & Links

[Home](#) » [Tools & Links](#) » [Data Upload](#) » [Load Amendments/Revisions Data Artifacts](#)



Load Amendments/Revisions Data Artifacts

* indicates a required field.

Case Information:

FEMA Case Number: 13-03-0343C

Submission Details:

Product Type: Supporting Artifacts

Effective Date: 01/01/2014

Abstract: test

Access Restriction:

Allow for Public Discovery? Yes No

Allow File Names Displayed? Yes No

Allow for Public Download? Yes No

Submission Method:

Select File to Upload:

If a user has multiple files, these files should be zipped together, and uploaded as a single file.

UCR3PAMD001

File Uploads: Studies

When files are uploaded in the MIP Data Upload via Tools and Links, they are automatically searchable and retrievable through the Flood Risk Study Engineering Library

- **Studies: Data Upload via Tools & Links new allowable upload types:**
 - FEDD File
 - FBS Reports
 - Supporting Artifacts

UCR3PAMD001

File Uploads: Amendments & Revisions

When files are uploaded in the MIP Data Upload via Tools and Links, they are automatically searchable and retrievable through the Enhanced Search Engine

- **Amendments: Data Upload via Tools & Links new allowable upload types:**
 - Supporting Artifacts
 - Cover Letter
 - Violation Letter
 - Other Response
 - Final Determination

- **Revisions: Data Upload via Tools & Links new allowable upload types:**
 - Cover Letter
 - Supporting Artifacts
 - Special Response Letter
 - 116 Letter
 - Violation Letter
 - Best Available Data Letters (BADL)
 - 316-PMR
 - FEDD File
 - Work Maps

UCR3PAMD006

Online LOMC Project File Copy to K:

- Online LOMC files uploaded by Requestor or MIP user can be made searchable retrievable within the Flood Risk Study Engineering Library
- For MIP case numbers that are associated with an Online LOMC project...
 - MIP user can access Data Upload via Tools & Links
 - In order to select Online LOMC files to move to K: Drive and become searchable within the Flood Risk Study Engineering Library, 'Supporting Artifacts' submission type must be selected
 - Artifacts associated with Online LOMC will be displayed on the subsequent screen after providing required fields 'Effective Date', 'Submission Type' and 'Abstract'. The page will contain check boxes that are provided so the user can select individual files that will then be searchable and retrievable via Flood Risk Study Engineering Library
 - These Online LOMC artifacts will be stored in the MIP K: drive under Supporting Artifacts folder within Submission Repository folder

UCR3PAMD006

Online LOMC Project File Copy to K:

Submission Method:

Select File to Upload:

Browse...

If a user has multiple files, these files should be zipped together, and uploaded as a single file.

Select file(s) uploaded to Online Lomc Application Id: 36537160258 to be copied to submittal drive and registered.

File Name	Description	Date Uploaded
<input type="checkbox"/> CoverLetter.txt	Final Cover Letter	08/20/2013 1:36 PM
<input type="checkbox"/> DraftDoc.txt	Final Determination Document	08/20/2013 1:36 PM

Under Development

The combination of what is uploaded through the Amendments or Revisions Workflow and what is uploaded through the Data Upload tab will constitute the Final Case File for MT-1 and MT-2. Mapping partners will no longer upload files using the Online LOMC Search tab, but through Data Upload. These files should be tagged as “Supporting Artifacts.” They will not be publicly downloadable.

UCR3PAMD006

Public Search for Engineering Data

Access to data through the public Flood Risk Study

Engineering Library functionality is controlled according to a set of public access rules

'Notes' column and 'ACCCONST values' only applies to 'Public Download?' column

Type of Data Product	Discoverable?	File Names Displayed?	Public Download?	Notes for Download Column
Studies				
Topographic	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Base Map	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Hydrologic	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Hydraulic	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Coastal Analysis	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Alluvial Fan Analysis	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata

UCR3PAMD007

Public Search for Engineering Data

Access to data through the public Flood Risk Study Engineering Library functionality is controlled according to a set of public access rules

Type of Data Product	Discoverable?	File Names Displayed?	Public Download?	Notes for Download Column
Field Survey	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Floodplain Mapping	YES	YES	NO	
DFIRM DB 'Draft'	YES	YES	NO	
Preliminary DFIRM	NO	NO	NO	
Final DFIRM	YES	YES	YES - SEE NOTE	MIP will allow discovery & downloading anytime and only allow download after the 'Distribute LFD' activity is complete with no restrictions except when appropriate flag (ACCCONST value of Restricted or View Only) is set in metadata
Perform IQA - Acquire Base Map	YES	YES	NO	
Perform IQA - Develop Topographic Data	YES	YES	NO	
Perform IQA - Perform Field Survey	YES	YES	NO	
Perform IQA - Develop Hydrologic Data	YES	YES	NO	
Perform IQA - Develop Hydraulic Data	YES	YES	NO	
Perform IQA - Perform Coastal Analysis	YES	YES	NO	
Perform IQA - Perform Alluvial Fan Analysis	YES	YES	NO	
Perform IQA - Perform Floodplain Mapping	YES	YES	NO	
Perform IQA - Develop DFIRM Database	YES	YES	NO	
QR3 National DFIRM - Final	YES	YES	NO	
QR3 National DFIRM - Prelim	YES	YES	NO	
Letter of Final Determination - Prepare LFD Docket	YES	YES	YES - SEE NOTE	MIP will allow discovery anytime and only allow download 2 business days after the 'Distribute LFD' activity is complete
HoldPreScopedProject	YES	YES	NO	

UCR3PAMD007

Public Search for Engineering Data

Access to data through the public Flood Risk Study Engineering Library functionality is controlled according to a set of public access rules

Type of Data Product	Discoverable?	File Names Displayed?	Public Download?	Notes for Download Column
PreScopeProject	YES	YES	NO	
ConductScopingMeeting	YES	YES	NO	
FinalizeProjectScope	YES	YES	NO	
CreateBFENotice	YES	YES	NO	
InitiateStudyProject	YES	YES	NO	
PrepareForScoping	YES	YES	NO	
SubmitMSCDeliverable	YES	YES	NO	
SetupMapProduction	YES	YES	NO	
ProducePreliminaryMapProducts	YES	YES	NO	
SetupDataDevelopment	YES	YES	NO	
ProduceMapProducts	YES	YES	NO	
PerformMapProductQA	YES	YES	NO	
Data Upload via Tools & Links (Studies)				
FEDD File	YES	YES	NO	
Scoping Data	YES	YES	NO	
TSDN	YES	YES	NO	
Appeals (Study)	YES	YES	NO	
FBS Reports	NO	NO	NO	
Correspondence (Study)	NO	NO	NO	

View Only: Discover files - Can't view file names

Restricted: No download or discovery

None: No access restriction

ACCONST values:

UCR3PAMD007

Geo Data Uploads: Studies Workflow

```
<themekey>Water Body</themekey>
<themekey>Watershed/Basin</themekey>
<themekey>Hydrologic Reach</themekey>
<themekey>Node</themekey>
</theme>
- <place>
  <placekt>None</placekt>
  <placekey>REGION 00</placekey>
  <placekey>STATE ss</placekey>
  <placekey>COUNTY name</placekey>
  <placekey>COUNTY-FIPS 0000</placekey>
  <placekey>COMMUNITY name</placekey>
  <placekey>FEMA-CID 000000</placekey>
  <placekey>HYDROLOGIC UNIT 00000000</placekey>
</place>
</keywords>
<acconst>None</acconst>
<useconst>Acknowledgement of FEMA would be appreciated in products derived from these data. These digital data are produced for the purposes of updating/creating a FIRM Database.</useconst>
<native>Original data development environment may vary. Finishing of the data is done using Esri's ArcGIS software. The submitted personal geodatabase was created using ArcGIS version 10.0. The hydrologic modeling was performed using Regression/NFF</native>
</idinfo>
- <dataqual>
  - <attracc>
    <attraccr>The FIRM Database consists of vector files and associated attributes produced in conjunction with the hardcopy FEMA FIRM. The published effective FIRM and FIRM Database are issued as the official designation of the SFHAs. As such they are adopted by local communities and form the basis for administration of the NFIP. For these purposes they are authoritative. Provisions exist in the regulations for public review, appeals and corrections of the flood risk information shown to better match real world conditions. As with any engineering analysis of this type, variation from the estimated flood heights and floodplain boundaries is possible. Details of FEMA's requirements for the FISs and flood mapping process that produces these data are available in the Guidelines and Standards for Flood Risk Analysis and Mapping. Attribute accuracy was tested by manual comparison of source graphics with hardcopy plots and a symbolized display on an interactive computer graphic system. Independent quality control testing of the FIRM Database was also performed.</attraccr>
  </attracc>
```

For this to work effectively from a business perspective, we will need the appropriate MIP superusers to check that there is a value for this tag. If the value is null, it defaults to “None” and the standard Public Access Rules will apply.

Public Search for Engineering Data

Access to data through the public Flood Risk Study Engineering Library functionality is controlled according to a set of public access rules

Type of Data Product	Discoverable?	File Names Displayed?	Public Download?	Notes for Download Column
Revisions				
FEDD File	YES	YES	NO	
Cover Letter (Revisions)	YES	YES	NO	
Final Determination (Revisions)	YES	YES	NO	
Supporting Artifacts (Revisions)	YES	YES	NO	
Modeling Hydraulics (Revisions)	YES	YES	YES	
Modeling Hydrology (Revisions)	YES	YES	YES	
Review Notes (Revisions)	YES	YES	NO	
Special Response Letter (Revisions)	YES	YES	NO	
Violation Letter (Revisions)	YES	YES	NO	
116 Letter (Revisions)	YES	YES	NO	
Correspondence (Revisions)	NO	NO	NO	
Annotations (Revisions)	YES	YES	NO	
Best Available Data Letters (Revisions)	YES	YES	NO	
316-PMR (Revisions)	YES	YES	NO	
Work Maps	YES	YES	NO	
Invoice Letter (Revisions)	YES	YES	NO	
Amendments				
Violation Letter (Amendments)	YES	YES	NO	
Other Response Letter (Amendments)	YES	YES	NO	
Cover Letter (Amendments)	YES	YES	NO	
Final Determination (Amendments)	YES	YES	NO	
Supporting Artifacts (Amendments)	YES	YES	NO	
Final Letter (Amendments)	YES	YES	NO	
Correspondence/Data (Amendments)	NO	NO	NO	

UCR3PAMD007

Distribute Determinations: Amendments & Revisions

MIP will not allow users to complete Distribute Determination activities until E-Mail notification and/or Determination Documents have been uploaded

- For Online LOMC, MIP user must send an email notification and upload Final Determination Document in order to complete activities.
- For paper-based, instead of an email notification, upload of Determination Document is required.

UC165
UC197