Uploading BMPs to CAST

The Phase 6 version of CAST allows BMPs to be uploaded from a file. Uploaded BMPs use a standard file format. Tables below show the list of required columns for the files. It will save users time to match the BMP file format and data components.

* There are three different files, depending on the BMPs. Users may find they only need one of the files. It is not necessary to upload all three.
* The data in the files must match the allowed data in CAST. The list of allowed data is in the Phase 6 Source Data.
* Use a tab-delimited text file format and include the column headers in the file you upload to CAST. The upload function is available when adding or editing a scenario.
* The file is validated so the user will know if there were any errors in the upload. An error might be as simple as using a BMP name that does not match those that are in CAST.

# Land BMPs

|  |  |
| --- | --- |
| **Column Header** | **Description** |
| StateUniqueIdentifier | An identifier using numbers and/or letters that is assigned by the user |
| AgencyCode | Any valid agency |
| StateAbbreviation | State 2 character code |
| BmpShortName | Any land BMP Short Name |
| GeographyName | Any available geography |
| LoadSourceGroup | Valid load source group for the BMP |
| Amount | Amount should be > 0 and if percent, <= 100 |
| Unit | Valid unit for the BMP |

AnimalBmps

This file contains only BMPs that are reported in units of animals, except Manure Treatment Technology and Manure Transport.

|  |  |
| --- | --- |
| **Column Header** | **Description** |
| StateUniqueIdentifier | An identifier using numbers and/or letters that is assigned by the user |
| AgencyCode | Any valid agency |
| StateAbbreviation | State 2 character code |
| BmpShortName | Any Animal BMP Short Name |
| GeographyName | FIPS |
| AnimalGroup | Valid animal group for the BMP |
| LoadSourceGroup | Valid load source group for the BMP |
| Amount | Amount should be > 0 and if percent, <= 100 |
| Unit | Valid unit for the BMP |
| NReductionFraction | The amount of nitrogen reduced per unit as a fraction, only available for some BMPs |
| PReductionFraction | The amount of phosphorus reduced per unit as a fraction, only available for some BMPs |

Manure Transport

This file only contains the Manure Treatment Technology and Manure Transport BMP.

|  |  |
| --- | --- |
| **Column Header** | **Description** |
| StateUniqueIdentifier | An identifier using numbers and/or letters that is assigned by the user |
| AgencyCode | Any valid agency |
| StateAbbreviation | State 2 character code |
| BmpShortname | Manure Transport or one of the Manure Treatment Technology BMP Short Names |
| FIPSFrom | FIPS transported from. To indicate it is only the portion of the FIPS that is within the Chesapeake Bay Watershed, use FIPS(CBWSOnly). |
| FIPSTo | FIPS transported to. To indicate it is only the portion of the FIPS that is within the Chesapeake Bay Watershed, use FIPS(CBWSOnly). |
| AnimalGroup | Valid animal group for the BMP |
| LoadSourceGroup | Valid load source group for the BMP |
| Amount | Amount should be > 0 and if percent, <= 100 |
| Unit | Valid unit for the BMP |