**SHAPE Curves Data Planning - Status and Farm Bill requirements for Conservation Practice Database**

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| Stage | Methods required | Status |
| 1 – Define purpose and use of the data | Using agile design approach, the initial draft of the coding and method has been developed using proxy data. The primary purpose of this is to further identify the options, use, data collection, and supporting data needs to ensure the product is viable | We have tested the data and statistical processing using proxy data. Needs more evaluation on purpose and use limitations, desired behavioral changes, data connections to the experimental design (Conservation practices) |
| 2 – Evaluate current status | Data planning with the Soil Health Division team to determine purpose and use of the data and additional supporting data. Analysis of the data standard of the Soil Health Minimum data set to provide context for sample that can be statistically evaluated. | An informal team has been established to work through this process. The two Scrum Teams have agreed to join forces to further detail this out with TSPi. The data standard needs to be completed before this can be implemented.  To comply with the Farm Bill requirements, the data standard must include a data connection to the official NRCS conservation practice code system. The CIG team is working on that for CIG projects and is possible with other programs through CD with the Resource Inventory and Practice tables in NPAD. |
| 3 – Data collection | The ingestion of real data from OFSHDT or other sites with SHAPE curves done. | A plan exists for the OFSHDT and the Minimum Data Set. More analysis is needed to align the data standards and identify the use and prepare additional statistical analysis. |
| 4 – User Access | Determine where the results of the SHAPE curve data will be directed and who will receive it. That needs to be completed before a user access model is developed | TBD |
| 5 – Maintenance | To be determined based on 1, 2, 3, and 4 | TBD |
| 6 – Evaluate and Improve | A cycle of improvement will be embedded within the lifecycle of the SHAPE curve to enable a scientific process of new data and methodology improvement | A very similar process will be used for all DSP Hub products, but will be customized as needed for SHAPE curves |
| 7- Archive | TBD | TBD |

**Data planning – development, deployment, and maintenance of SHAPE curve as an analytical product**

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