**Value Plan – *National Soil Information System (NASIS) Modernization***

**Value Definition** *(Pre-governance requirement.)*

* **Business Need.** The Soil and Plant Science Division (SPSD) information systems currently face unnecessary delays delivering current information to the customer, or outdated data is available, increasing the risk of NRCS creating conservation plans based on inaccurate data. Currently, some SPSD customers are making conservation planning decisions based on incomplete or conflicting decision-making information.
* **Business Strategic Objective.** Enhance the customer services through adaptable, efficient, scalable technical solutions and streamline processes in order to increase the resources dedicated to maintain scientific world-wide natural resources inventory standards that enable fact-based, data-driven, science-based and customer focused conservation practices.
* **Value to our Business Partner.** The Soil and Plants Sciences Division (SPSD) will leverage new enabling technologies to ensure that USDA manages a single National Soil Survey Area data store. This will result in a 30% reduction on resources spent managing multiple soil survey area data stores and reduce the latency in data set refreshes.
* **Value to the Agency.** Conservationists, farmers, ranchers, producers, as well as federal, state, local, tribal, and private partners will have access to current soil, plants, and ecological sites resource inventory to increase the effectiveness of recommended conservation practices.
* **Alignment to USDA Strategic Goals.**
  + Goal 1. Ensure USDA programs are delivered efficiently, effectively, with integrity and a focus on customer service.
    - Objective 1.2. Maintain a high performing workforce through employee engagement and empowerment.
    - Objective 1.3. Remove obstacles in USDA programs by reducing regulatory burdens and streamlining processes.
    - Objective 1.4. Improve stewardship of resources and utilize data-driven analyses to maximize the return on investment.

**Value Realization**

* **Objective 1.** Manage an adaptable and scalable SPSD data set
  + **Key Result 1.**
  + **Key Result 2.**
  + **Key Result 3.**
* **Objective 2.** Product-delivery driven access to SPSD data
  + **Key Result 1.** Role-based full rights and access to the SQL Server data
  + **Key Result 2.**
  + **Key Result 3.**
* **Objective 3.** Leverage emerging technologies for SPSD data interpretation and product delivery
  + **Key Result 1.**
  + **Key Result 2.**
  + **Key Result 3.**

**Value Optimization** (*Post-release requirement. Complete the actual value and future enhancements columns 30 to 60 business days after implementation. You may not have an entry for future enhancement if the expected value is realized and the business process is properly supported.*)

|  |  |  |
| --- | --- | --- |
| Planned Value | Realized Value | Future Enhancement |
| **Objective 1** |  |  |
| Key Result 1 |  |  |
| Key Result 2 |  |  |
| Key Result 3 |  |  |
| **Objective 2** |  |  |
| Key Result 1 |  |  |
| Key Result 2 |  |  |
| Key Result 3 |  |  |
| **Objective 3** |  |  |
| Key Result 1 |  |  |
| Key Result 2 |  |  |
| Key Result 3 |  |  |