

## **Plan Recommendations for EQIP application & cost-share**

### **Manure & Wastewater Storage & Handling**

- The facility is currently operated as a freestall dairy with operating parlor. The facility currently has waste runoff concerns from solid manure because of lack of storage. Overall the facility lacks adequate storage days for both solid and liquid waste. The existing earthen holding pond at the facility is utilized to contain both solid and liquid waste and parlor water. The producer would like to construct a reinforced concrete solid stack to store all solid manure and bedding. The producer would also like to construct additional waste storage facility (earthen holding pond) Doing this will allow the facility to store over 180 days of both the solid and liquid manure. The facility also proposes to add curbing around the exterior of the proposed solid stack to prevent fresh water from entering the solid stack area and a concrete alley to allow the transfer of liquid manure from the barns and the solid stack to the earthen holding ponds.

***Waste Storage Facility – Practice Code 313 (Holding Pond – 306,460 ft<sup>3</sup>)***

***Waste Storage Facility – Practice Code 313 (Dry Stack > 35,000 ft<sup>3</sup>)***

***Manure Transfer – Practice Code 634 (Curbing – 21 yd<sup>3</sup>)***

***Manure Transfer – Practice Code 634 (Alleys – 129.2 yd<sup>3</sup> concrete & 242.7 tons aggregate)***

In order to make sure all components of this plan are designed, and implemented in accordance with NRCS standards and specifications producer will also be applying for Technical Assistance for Design Installation and Checkout.

***Technical Assistance Design – Practice Code 911***

***Technical Assistance Installation – Practice Code 912***

***Technical Assistance Checkout – Practice Code 913***

### **Land Treatment Practices**

- Fields meet t under current management and rotations. No new land treatment is planned.