



Energy Enhancement Activity – ENR06 – Upgrade of Old Diesel Powered Pumping Plants

State Criteria (same as NATIONAL CRITERIA)

Documentation Requirements (SEE NATIONAL ENHANCEMENT ACTIVITY JOBSHEET)

Additional State Documentation Requirements

1. Complete the table on the following page,
2. Verification including photographs that the old engine was made inoperable and how the old engine was disposed of.
3. Provide copies of dated receipts for equipment or services purchased.
4. Pumping Plant Inventory and Evaluation Worksheet or equivalent has been completed for the new pumping plant.
5. If the pumping plant is to be used for irrigation, [Nebraska Planning Sheet 17](#) has been completed for each field.
 - a. [NE-ENG-79A](#) or [NE-ENG-80](#) or equivalent has been completed for each field. Completed forms will include rainfall during the growing season; irrigation water application; and irrigation scheduling information (crop water use or soil moisture monitoring).
6. If the replacement engine is diesel-powered & meets EPA Tier 3 or 4 rating, then submit a spill control & containment plan for diesel fuel used by the engine. At a minimum, the plan should include:
 - a. List of oil containers at the farm, including contents & location,
 - b. Procedures to prevent oil spills,
 - c. Measures used to prevent oil from reaching waters of the state if a spill were to occur,
 - d. Measures to contain & cleanup an oil spill to water, and
 - e. List of emergency contacts & first responders.

I certify that the enhancement criteria have been met and the required documentation provided to NRCS.

Certified by: _____ **Date:** _____

Additional References on Agricultural Secondary Containment Facility; when required

NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard [Agricultural Secondary Containment Facility](#) – 710

NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice [Standard Combustion System Improvement](#) - 372

Title 153, Ch. 17, Nebraska State Fire Marshal; NEW TANK INSTALLATION PERMIT AND FEE REQUIREMENTS ABOVEGROUND STORAGE TANKS STORING CLASS I AND CLASS II FLAMMABLE LIQUIDS; <http://www.sfm.ne.gov/regulations/pdf/title153-ch17.pdf>

Title 198 – Nebraska Department of Environmental Quality; Chapter 2 - SECONDARY CONTAINMENT FACILITY; WHEN REQUIRED; <http://www.deq.state.ne.us/RuleAndR.nsf/Pages/198-Ch-2>

U.S. Environmental Protection Agency, Emission Standards Reference Guide; <http://www.epa.gov/otaq/standards/nonroad/locomotives.htm>

U.S. Environmental Protection Agency, Oil Spill Prevention, Control and Countermeasure (SPCC) Program: Information for Farms Fact Sheet (540-F-09-022) <http://www.epa.gov/emergencies/docs/docs/oil/spcc/spccfarms.pdf>



United States Department of Agriculture
 Natural Resources Conservation Service

NE-ENR06 2011 Ranking Period 1

1	2	3	4	5	6
Tract	Field(s)	No. of existing diesel powered pumping plants with no emission controls	List Option 1 (electric-drive pumping Plants) or, if no electric power available List Option 2 (high efficiency diesel-powered pumping plant)	Date(s) Old Diesel Powered Pumping Plant made Inoperable	*Date(s) Installation of replacement engine (EPA Tier 3 or 4 rating)
Ex. 100	R1-4	1 diesel powered pump	<i>Option 1 electric drive</i>	<i>04/15/2011</i>	

Ex. = example. NRCS completes column 1, 2, 3 & 4 (Tract, Field and No and type Planned, etc). Operator completes remaining columns.

*Submit Spill Control & Containment Plan if the replacement engine is a diesel (EPA Tier 3 or 4 rating).