

NDEE

News and Other Updates

Emerging Issues and Agency Vision

Jim Macy, NDEE Director

Vision for the Department

Will Meet Our Statutory Responsibilities

- Be Responsive
- Use Common Sense in Problem Solving
- Assistance Focused
- Believe we should help “local people solve local problems”

We help create opportunity through more effective, more efficient and customer focused state government



Air Quality

- Permit Backlog

 - Process Improvement October 2016

 - Identified bottlenecks

 - Daily “huddles” moving projects forward

- 188 days to 87 with general permits 69

- Developing On-line smart application

- Working with consultants/facility owners

- Pre application meetings advance permits

- Developing a compendium of policies and answers

- Permitting process is collaborative, needs

 - engagement from application through review process₃

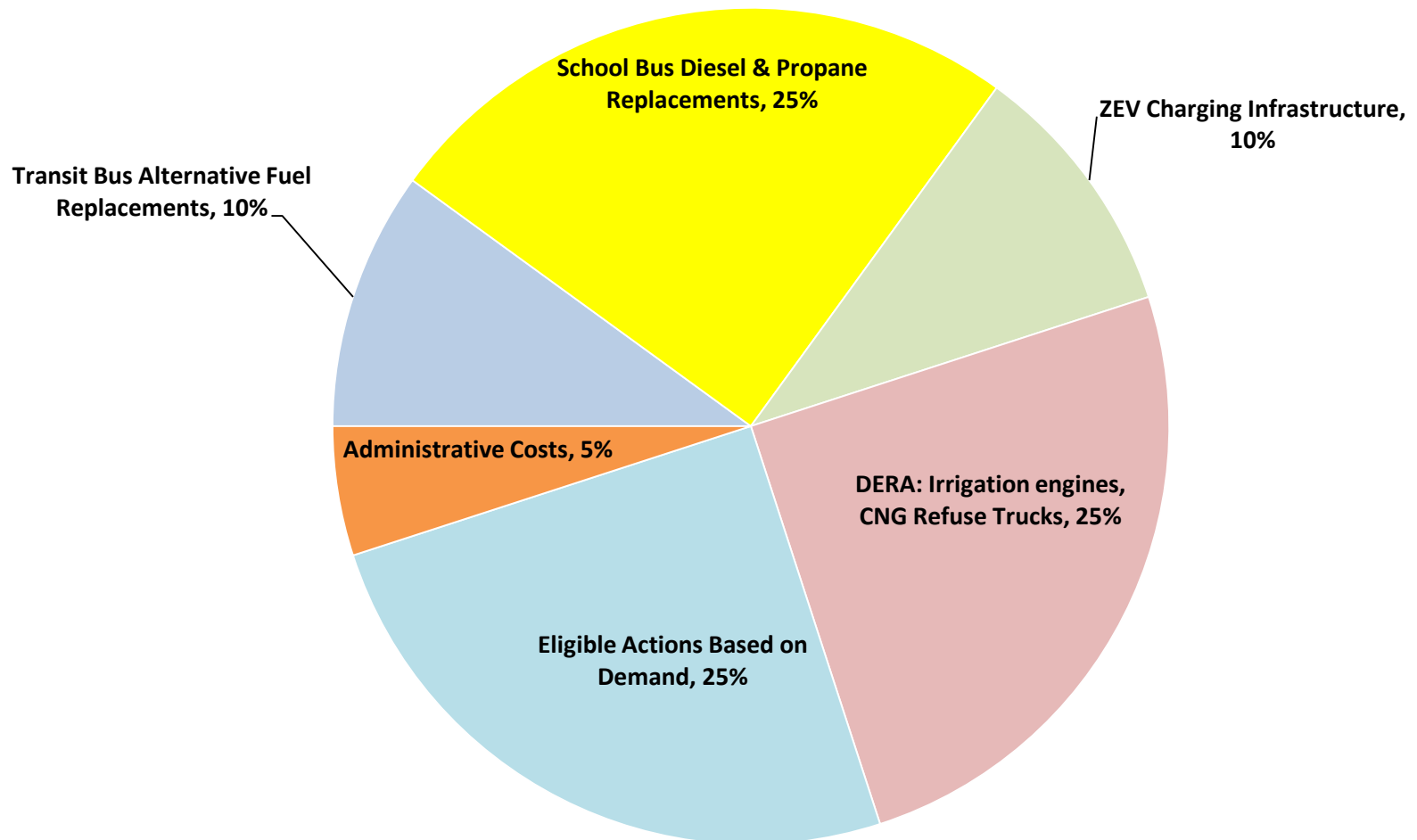
Air Division

- **Source Trial Policy**
 - Allows for 30 day trial before performance testing or other emission documentation required
 - CEMs are exempt
- **Compendium**
 - Used internally on mainly permitting decisions
 - Have ability to expand for external use in future
 - Opening to public
- **List Serve**
 - Air news emailed as items arise
 - Sign up through <http://deq.ne.gov/NDEQProg.nsf/OnWeb/Listserv>
- **General and Standard Conditions**
 - Planning to update starting in January 2019
 - Will provide opportunity for public comments
- **Other items**
 - Updating permitting application forms
 - State and Local Emission Inventory System (SLEIS) – live now 100%, David Brown webinar November 21 due march 2020
 - Initiating a new policy on Announced inspections

Word Counts

	Beginning Total	Words Removed	New Total	Status
Title 116	1891	1891	0	Repealed
Title 117	56596	5016	51580	Pending at PRO
Title 120	2994	2426	568	Nov. EQC hearing
Title 123	18089	2285	15804	Pending at PRO
Title 131	11193	5058	6135	Pending at PRO
Title 132	56865	7466	49399	Pending at PRO
Title 133	4726	4464	262	Nov. EQC hearing
Title 194	18574	18574	0	Repealed
Title 195	5543	3309	2234	Pending at PRO
Title 197	7765	544	7221	Nov. EQC hearing
Title 198	5747	350	5397	Nov. EQC hearing
Title 199	5050	4704	346	Nov. EQC hearing
	195033	56087	138946	

Volkswagen Trust Mitigation Plan Development



Volkswagen Trust Mitigation Plan

Accomplishments

School Bus Diesel Replacement Rebates: ~ \$1.8 million

- 42 school bus replacements for 42 districts
- 50% rebate for new diesel, 60% for new propane
- Trustee approval and funds expected by early to mid-November

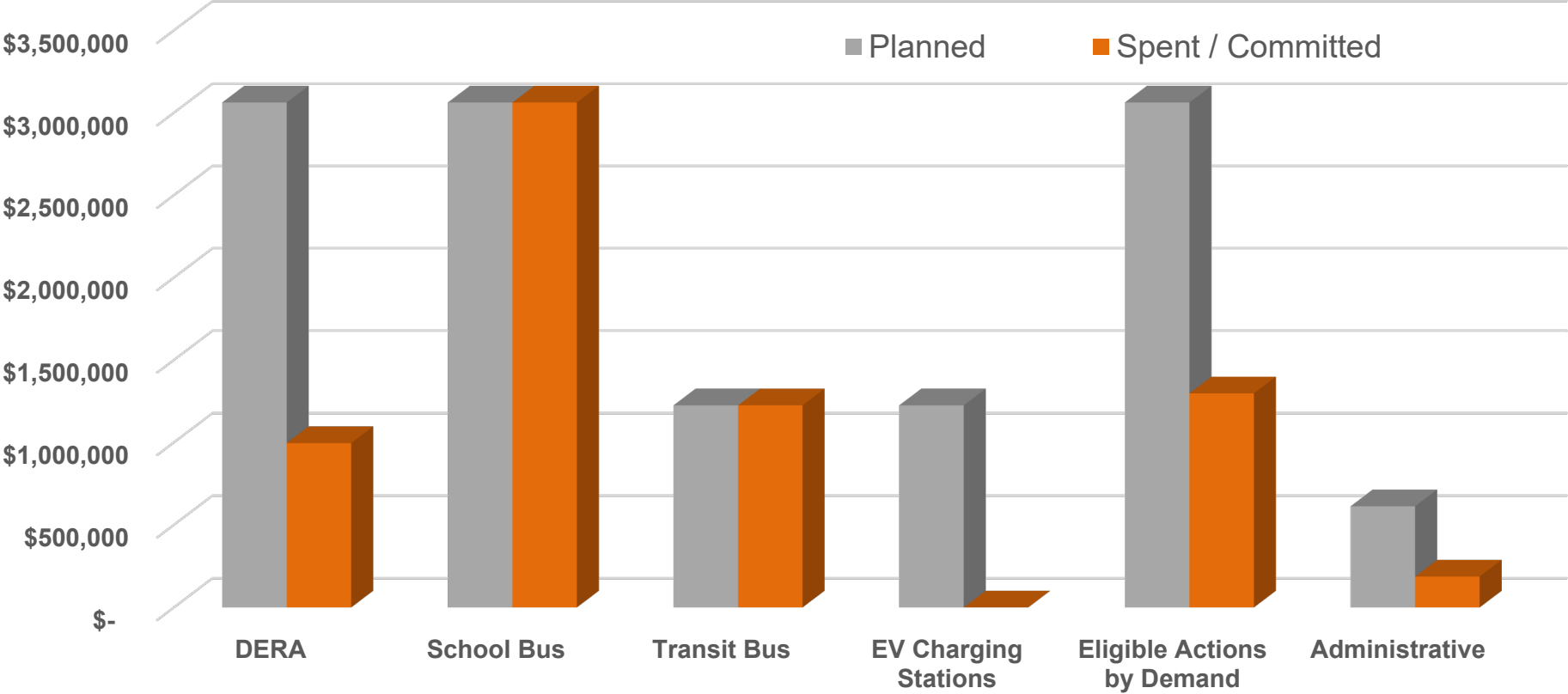
Transit Bus Diesel Replacement Rebates: ~ \$1.2 million

- Lincoln StarTran: partial funding for 2 battery-electric buses
- Omaha Metro: partial funding for 2 CNG-fueled rapid-transit buses
- Trustee approval and funds expected by mid-November

2018 Clean Diesel Program (DERA): ~ \$490,000

- Diesel refuse truck replacements
- All-electric replacements for diesel irrigation engines
- Funding request to be submitted to Trustee after applications close in mid-December

VW Funding Status, August 2019



Funded by the Volkswagen Environmental Mitigation Trust for State Beneficiaries

The Nebraska 2019 Electric Vehicle Charging Rebate Program provides financial incentives to encourage installation of electric vehicle charging stations to serve light-duty electric vehicles in Nebraska. The program provides rebates for the installation and maintenance of Level 2 and Direct Current (DC) Fast Charging equipment at public and workplace locations.

Approximately \$1.2 million is available for rebates in this program. These funds have been allocated to Nebraska under the Volkswagen Diesel Emissions Environmental Mitigation Trust for State Beneficiaries, as outlined in Nebraska's Beneficiary Mitigation Plan. The Nebraska Department of Environment and Energy is the lead agency that administers these funds for the state.

Completed applications must be received by the Department by 5:00 pm on Friday, November 15, 2019.

Please submit one electronic copy of the completed application including required attachments to ndeq.vwsettlement@nebraska.gov. While electronic submissions are preferred, paper applications may be submitted to:

Nebraska Diesel Emission Mitigation Program
Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8992

Eligible Applicants

- Eligible applicants include the following:
- Businesses
- Federal, State, Local, or Tribal Government Agencies
- Nebraska Public Electric Utilities
- Metropolitan Transportation Planning Organizations
- Nonprofit Organizations

Eligible Charging Equipment

Eligible EV Charging Equipment is limited to:

- Level 2 Chargers: equipment that provides alternating current (AC) at 208/240V up to 19.2 kilowatts (kW) for charging an EV battery. Level 2 chargers must have a SAE J1772 charging connector.
- Direct-Current (DC) Fast Chargers: higher power (50 to 350 kW) charging equipment that provides a fast charge to an EV battery using direct current electricity. These chargers require 208V or 480V AC 3-phase electrical service. DC Fast Chargers must have dual connectors: one SAE Combined Charging System (CCS) connector and one CHAdeMO connector.

A directory of potential vendors for EV Charging Equipment and services is available on the following web page: <http://dee.ne.gov/Publications/Pages/AIR088>.

Charging Station	Maximum Reimbursement	Minimum Recipient Match
DC Fast Charging Station	80%	20%
Level 2 Charging Station	50%	50%

Process Improvement

NDEE August 2019 Metrics									
White Belt Total	Yellow Belt Total	Green Belt Total (Total Certified)	Certified Lean Leader	Executive Green Belt Total	Projects/Kaizens Completed (YTD)	Active Huddles	Executive Decision Savings Realized (YTD)	Lean Six Sigma Hours Saved (YTD)	Lean Six Sigma Hard Savings (YTD)
235	170	1	5	22	4	14	\$209,265	2,598	0
100%	72%	0.4%	2%	9%					
Goals:	175	1	3	25	8		\$105,696	6825	
Goal %:	97.1%	100.0%	166.7%	88.0%	50.0%		198.0%	38.1%	



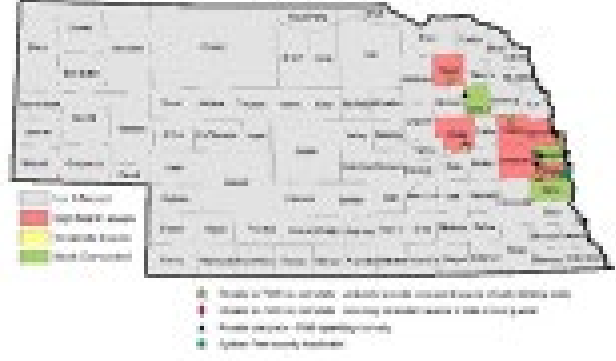
Nebraska Solar Energy

- Growing interest in solar energy statewide
- In 2016 – 2017 Nebraska solar projects expanded from just over 1.0 megawatt to nearly 25 megawatts
- Rooftop/small commercial under 25 kw to small community solar projects 100 kw to 5 megawatts

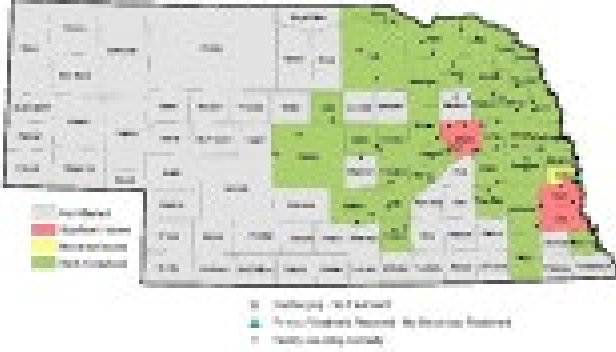
Community Public Water Systems Status



Non-Community Public Water Systems Status



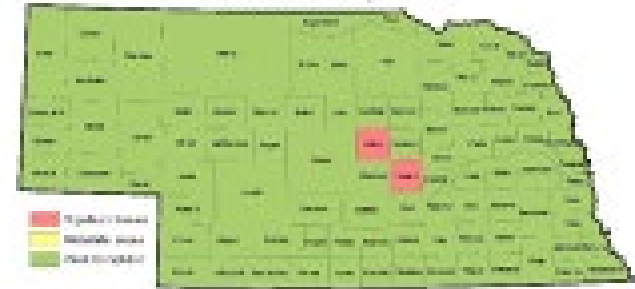
Wastewater Facility Status



Waste Debris Management Status



Livestock Facility Status



Branches	
Water/Water's	<p>Objectives:</p> <ul style="list-style-type: none"> Obtain Aquifer/Storage Container identification, collection, disposal cooperation with the General Flood Protection Agency Take additional cost control for debris management <p>Status:</p> <ul style="list-style-type: none"> Work with the EPA on reporting and recovery by containers of hazardous substances Continue to update FEMA risk - 201 Total container locations closed - 180 Total container sites with EPA cleanup orders - 1,011 Work with emergency management on multiple counties
Wastewater	<p>Objectives:</p> <ul style="list-style-type: none"> Develop a strategy to evaluate a facility for Damage Work with local water supply system to coordinate emergency response for emergency operations Work with water supply treatment facilities (WWT) or similar for restoring normal operations Obtain information on water supply from the local flooding team (LFT), if needed <p>Status:</p> <ul style="list-style-type: none"> Partner with WWT in building emergency systems and preparing a route to providing post hydrological control the end of the event. Partner with WWT in setting up replacement tanks at facilities that could be impacted the end of the event. One of these sites is under a large pending contract The City of Omaha Region Cook Wastewater Recovery Facility (WRRF) is partially operational The Morris WWT is ongoing because of damage Major state wastewater funds available to affected communities. These funds - post CS events, and CS administrative fees - will all go back through the FEMA public assistance available
Drinking Water	<p>Objectives:</p> <ul style="list-style-type: none"> Coordinate emergency response with Public Water Systems (PWS) regarding the flooding Coordinate with PWS on emergency response to develop plans for making water <p>Status:</p> <ul style="list-style-type: none"> Currently, four community PWS and 11 non-community PWS with primary sources of water still off line Major state drinking water funds available to affected communities. These funds - with CS events and CS administrative fees - will all go back through the FEMA public assistance available
Air	<p>Objectives:</p> <ul style="list-style-type: none"> Coordinate with local emergency managers and departments for removal of our community food storage structures Work with public information office to put out public service message about food requirements <p>Status:</p> <ul style="list-style-type: none"> Four permits requested - 2 Four permits issued - 2 Four permits denied - 0
Energy	<p>Objectives:</p> <ul style="list-style-type: none"> Coordinate with local emergency managers and departments for removal of our community food storage structures Provide info on Nebraska Energy Office programs to the Joint Operations Center (JOC) operations in support of the NEPA Agency Incident Command (NEPAIC) activities, if requested allow Coordinate the impact of logging forest of energy office and programs <p>Status:</p> <ul style="list-style-type: none"> Updated the Dollar and Energy for response in 2019 24 hours completed for 147,000 40,000 acres of forest are completed for 200,000.00 100,000 acres for 100 <p>2019:</p> <ul style="list-style-type: none"> Total Dollars for 2019: \$1.1M Updated the 2019 dollars for 2019 24 hours completed for 147,000 40,000 acres of forest are completed for 200,000.00 100,000 acres for 100

QR Code Sheet

NEBRASKA

DEPT. OF ENVIRONMENTAL QUALITY

The guidance documents address a range of a variety of an agency not intended to our agency. A guidance document may or may not be a regulatory document that will affect the manner in which the agency and their staff conduct business or operations. Guidance is intended to provide additional information and flexibility while in accordance with the administrative provisions of a regulatory document. Guidance documents provide additional information or details on regulatory provisions, but they do not create a new regulatory document.

18-122

Revised - April, 2018

Natural Disaster - Flood Guidance QR Sheet

This guidance has been created to offer quick in-the-field reference to critical documents listed on the DEEQ webpage: <http://deq.ne.gov/DEQ/Programs/CriticalDocuments>. Use your phone's camera or barcode scanner to visit the referenced documents. (After requires download of a QR-code app.)

Natural Disaster Debris Management
Including domestic and hazardous wastes



Natural Disaster Clean-Up Directory
(Short 7-page version of full document)

Flood Damaged Structure Demolition and Disposal
Asbestos, Burning, Burial, Landfilling



Flood Sediment Cleanup
Sediment on Field, Etc.

Flood Damaged Grain and Hay
Also corn stalks, vegetative debris



Floodwater Sandbag Re-use and Disposal

Guidance for Clean-up Following Tornadoes and Severe Storms

More debris management recommendations



Q & A Regarding Wastewater Bypasses During a Flood

Information for Those Considering Bypassing Wastewater Treatment Plants



Notification of Discharge of Livestock Waste

Pollution Prevention Tips for Homeowners Preparing to Evacuate from Flood



Disposal of Animal Carcasses
On site burial/composting, landfilling, rendering

Additional guidance available including "Orphaned" Tank reporting



RESOURCES:

- DEEQ Waste Management Section
- DEEQ Waste Water Section
- DEEQ Toll Free Number
- DEEQ Hazardous Waste Compliance Assistant
- Email questions to: DEEQ.cominfo@nebraska.gov

- (402) 471-4210
- (402) 471-6630
- (877) 283-2823
- (402) 471-6328