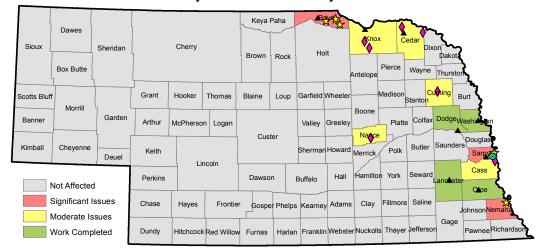


March 2019 flood dashboard - Week of June 9

NDEQ hotline: 1-877-253-2603

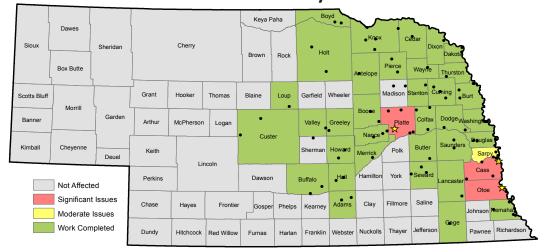
NDEQ website: deq.ne.gov

Community Public Water Systems Status



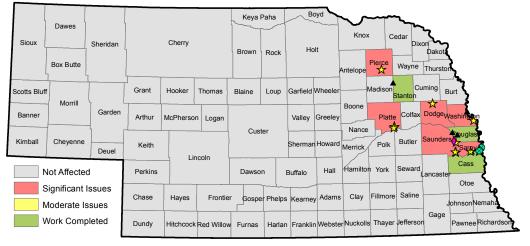
- Repairs to PWS not Complete Unable to provide consistant source of safe drinking water
- Repairs to PWS not Complete Providing consistant source of safe drinking water
- ▲ Repairs Complete PWS operating normally
- System Permanently Inactivated

Wastewater Facility Status



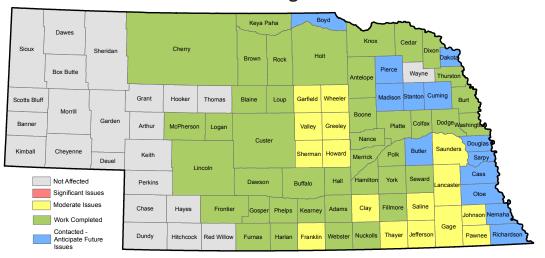
- ☆ Discharging No Treatment
- Primary Treatment Resumed No Secondary Treatment
- Facility operating normally

Non-Community Public Water Systems Status

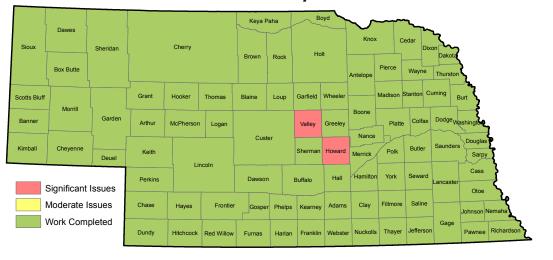


- Repairs to PWS not complete unable to provide consistant source of safe drinking water
- Repairs to PWS not complete providing consistant source of safe drinking water
- ▲ Repairs complete PWS operating normally
- System Permanently Inactivated

Waste Debris Management Status



Livestock Facility Status



Branches

Objectives:

• Orphan Hazardous Container identification, collection, disposal in coordination with the Environmental Protection Agency

Public guidance and outreach for debris management

Status:

Waste/debris

Wastewater

• Work with the EPA on reporting and recovering containers of hazardous substances. As of June 10:

Container locations reported, to be addressed—93

Total container locations closed—636

Total container inventory at staging areas—2,207

• Met with emergency managers in multiple counties

Objectives:

• Investigate discharges and evaluate structures for damage

- Work with livestock waste control facilities (LWCF) on creating a timeline for resuming normal operations.
- Work with waste water treatment facilities (WWTF) on timeline for restarting normal operations.
- Offer/provide financial assistance from the State Revolving Fund (SRF), if needed

Status:

• Heavy rains between May 27 and 28 affected WWTFs that were already impacted by the March floods. Below are their updated statuses:

—Plattsmouth WWTF pulled new and repaired equipment on May 28 to protect them from rising flood water. This will slow its recovery

—As of May 29, Nebraska City WWTF is watching flood levels and is prepared to pull pumps, if necessary —The City of Omaha Papillion Creek Wastewater Resource Recovery Facility has all processes running, but with systems that are possibly compromised from the

—The Monroe WWTF is flooded and damage is still being assessed

 Made state revolving loan funds available to effected communities. These loans

 with 0% interest and 0% administrative fees — will act as bridge financing until FEMA public assistance is available.

Objectives:

• Provide technical assistance to Public Water Systems (PWS) compromised by flooding

• Coordinate with PWS owners/operators to develop timelines for restoring service

Status

Drinking/public

• Currently, four community PWS, and 12 non-community PWS with primary sources of water still off-line

 \bullet Made state revolving loan funds available to effected communities. These loans — with 0% interest and 0% administrative fees — will act as bridge financing until FEMA public assistance is available.

Objectives:

• Coordinate with local emergency managers/fire departments for individual burn permits for flood-damage structures

• Work with public information office to put out public service message about burn requirements

Status:

• Burn permits requested — 3

- Burn permits issued—3
- Burn permits denied—0

Objectives:

Administer NEO weatherization and loan programs

• Provide info on Nebraska Energy Office programs to the Joint Operations Center (JOC), participate in outreach like Multi-Agency Resource Centers (MARCs) and more, as resources allow

• Determine the impact of tagging homes on energy office aid programs

Status:

Initiated the Dollar and Energy Savings Loan at 1% interest. As of May 28:
 29 loans committed for \$389,271

14 loans entered (not yet committed) for \$142,958

Total: 43 loans for \$532,228

• Initiated the Weatherization Assistance Program for emergency repairs/replacement for HVAC systems. As of May 29:

Two applications completed Four applications in-progress 11 pending applications

ermits r ermits i ermits o



DEPT. OF ENVIRONMENTAL QUALITY

March 2019 flood dashboard Week of June 9

1-877-253-2603

deq.ne.gov

Legend



Numbers in red boxes correspond with counties listed in the narrative below. The narrative explains why the county has a red designation.

Updates from June 2 dashboard

- Boyd County's community public water system temporarily repaired a 4-inch line that washed out because of flooding from Ponca Creek..
 - In waste management, Cass, Stanton and Otoe counties were changed from yellow to ue.
 - In waste management, Phelps and Hamilton counties were changed from yellow to green.
- Sarpy County was changed from red to yellow in wastewater because the Papillion Creek Wastwater Resource Recovery Facility has its process running.

Red designations for drinking water

There are currently four community Public Water Systems (CWS) and 13 non-community public water systems (NCWS) with primary sources of water still off-line.

Community Public Water Systems (CWS)

Boyd County¹

• Boyd County Rural Water Dist. #2:

The sole transmission line between the system's wells and the distribution system was washed out by the Niobrara River. An attempt to bore line from the south side failed on May 16, and the boring operation moved to the north side of river. Boring resumed on May 30. The timeline to complete boring is at least seven weeks. An additional 4-inch line that washed out because of flooding on Ponca Creek has been temporarily repaired.

Three non-public water supply wells have been temporarily connected to the system to provide water. Samples collected from the system have shown low levels of nitrates, and no presence of E. coli. The water is being disinfected, and the system is being allowed to operate under a boil-water advisory.

Village of Lynch: Purchases all water from Boyd County Rural Water Dist. #2 and is therefore subject to the same circumstances provided above

Village of Spencer: Purchases all water from Boyd County Rural Water Dist. #2 and is therefore subject to the same circumstances provided above.

Cass County

• City of Plattsmouth: The wells and treatment plant were flooded and have sustained significant damage from water and debris. The system is currently providing water via an emergency connection to Cass County Rural Water District #1. An additional connection to Beaver Lake public water system is also available. Clean-up activities have begun at the plant and further evaluation of the damage is on-going. The time frame for repairs is estimated at three to six months.

Nemaha County³

• City of Peru: The wells and treatment plant were flooded and sustained significant damage from water and debris. Water is currently being trucked in from the City of Auburn to fill Peru's water tower. Well repairs are complete. A temporary mobile treatment plant has been connected to the system. Issues with controls and raw water quality have delayed progress, but plans are to begin pumping water into the system by the end of the week. Water will continue to be trucked from Auburn until that time. Testing will be done to determine when the boil-water advisory may be lifted following start-up of the plant.

Sarpy County⁶

• Paradise Lakes: This is a consecutive system to Metropolitan Utilities District. The system is still pressurized, but has been temporarily inactivated because all homes (mobile homes) were deemed "Inhabitable" by the City of Bellevue.

Non-Community Public Water Systems (NCWS)

Douglas County²

Riverwest Park: The system was flooded.
 Repairs are currently underway and the system is projected to re-open sometime in May

Pierce County⁴

Willow Creek State Recreation Area:

Power was lost to all three wells. One well flooded. The park is to remain closed until repairs are made to the flooded well and electrical system. There is no timetable for repairs available.

Platte County⁵

- Loup River Public Power District: The Headworks Park well flooded and the system has been temporarily inactivated. No timeline for repairs.
- T-Bone Truck Stop: The water system is heavily damaged. The system has been temporarily inactivated. The timeline for repairs is estimated to be around two to
- T&K Pitstop Bar and Grill: The water system is heavily damaged. The system has been temporarily inactivated. The timeline for repairs is estimated to be one and a half to two months.

Sarpy County⁶

- Coreslab Structures: The well is operational, but a portion of the distribution system is damaged. Repairs to potable portion of system will not be complete for two to three months. The system has been temporarily inactivated.
- Falconwood Park: The system was flooded and the well is likely compromised. Repairs are underway, but the park will remain closed for foreseeable future. The system has been temporarily inactivated
- **Heron Bay:** The system flooded and is still not accessible.
- Schmid Farms Water Distribution: The system flooded, but is in the process of collecting coliform samples before re-opening.
- Tubing and Adventures Campground:
 Power and access to the campground have been restored. The campground is in the process of collecting samples prior to providing water to customers.

Saunders County⁷

• Military Dept. of Nebraska-Camp Ashland: The water system was under water and was compromised. Repairs to the water system are underway, but there is no timetable provided on completion.

Washington County⁸

• **Desoto Park Estates:** The system flooded and is possibly compromised. There is currently no access or power to system. System temporarily inactivated.

Red designations for wastewater

- Cass County⁹—Plattsmouth pulled new/repaired equipment because of rising flood waters.
 Otoe County¹⁰—Nebraska City is watching flood levels and is prepared to pull equipment, if
- Platte County¹¹—The Monroe WWTF is flooded and damage is being assessed.

Information for debris management

NDEQ team members met with emergency managers in Cass, Stanton, Otoe, Phelps and Hamilton counties. Cass, Stanton and Otoe were changed from yellow to blue designations, indicating that NDEQ anticipates further needs in those areas as floodwaters recede. Phelps and Hamilton counties were upgraded to green designations.

Red designations for livestock

Two livestock operations, one in **Howard County**¹², the other in **Valley County**¹³, had extensive structural damage. These facilities are expected to be stabilized and repaired soon

COUNTY	Drinking Water	\\/asts	water.	Debris		Livestock
Adams	Drinking Water	Waste	ewater	Management	\vdash	Livestock
Antelope					\vdash	
Arthur					⊢	
Banner					\vdash	
Blaine					\vdash	
Boone					H	
Box Butte					\vdash	
Boyd	1					
Brown						
Buffalo					Г	
Burt					Г	
Butler						
Cass			9			
Cedar						
Chase						
Cherry						
Cheyenne						
Clay						
Colfax						
Cuming						
Custer					L	
Dakota					_	
Dawes					⊢	
Dawson					⊢	
Deuel Dixon					\vdash	
Dodge					\vdash	
Douglas	2				\vdash	
Dundy					\vdash	
Fillmore					\vdash	
Franklin						
Frontier					\vdash	
Furnas					\vdash	
Gage						
Garden						
Garfield						
Gosper						
Grant						
Greeley						
Hall					<u> </u>	
Hamilton						
Harlan					┝	
Hayes Hitchcock						
Holt						
Hooker					\vdash	
Howard						12
Jefferson						
Johnson						
Kearney						
Keith						
Keya Paha						
Kimball						
Knox						
Lancaster						
Lincoln					┝	
Logan Loup					\vdash	
Mc Pherson					\vdash	
Madison						
Merrick					Г	
Morrill						
Nance						
Nemaha	3					
Nuckolls						
Otoe		1	.0		_	
Pawnee						
Perkins					\vdash	
Phelps	4				\vdash	
Pierce Platte	4 5		1		\vdash	
Polk	3		-		\vdash	
Red Willow					\vdash	
Richardson						
Rock						
Saline						
Sarpy	6					
Saunders	7					
Scotts Bluff					$oxedsymbol{oxedsymbol{oxed}}$	
Seward					_	
Sheridan						
Sherman						
Sioux					\vdash	
Stanton						
Thayer Thomas					\vdash	
Thurston					\vdash	
Valley					\vdash	13
Washington	8				\vdash	13
Wayne						
Webster						
					т	
Wheeler					L	