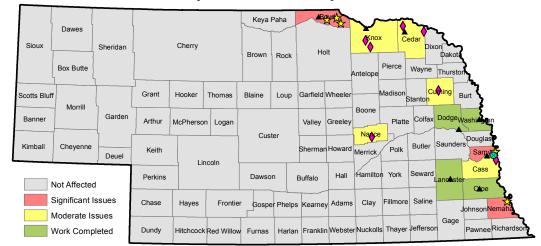


# March 2019 flood dashboard - Week of May 26

NDEQ hotline: 1-877-253-2603

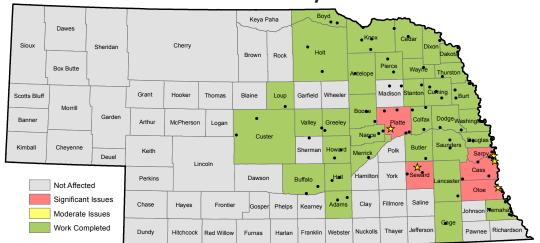
NDEQ website: deq.ne.gov

# **Community Public Water Systems Status**



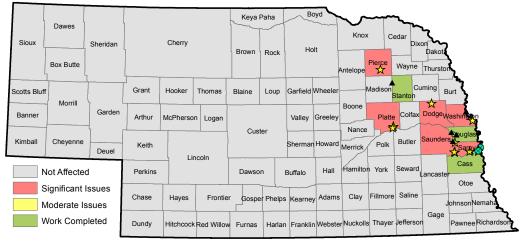
- Repairs to PWS not Complete Unable to provide consistant source of safe drinking water
- Repairs to PWS not Complete Providing consistant source of safe drinking water
- Repairs Complete PWS operating normally
- System Permanently Inactivated

### **Wastewater Facility Status**



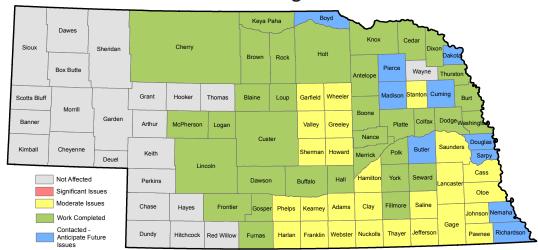
- ★ Discharging No Treatment
- Primary Treatment Resumed No Secondary Treatment
- Facility operating normally

# **Non-Community Public Water Systems Status**

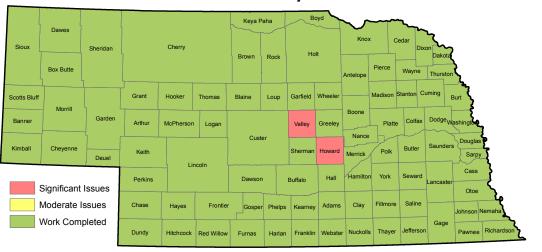


- Repairs to PWS not complete unable to provide consistant source of safe drinking water
- Repairs to PWS not complete providing consistant source of safe drinking water
- Repairs complete PWS operating normally
- System Permanently Inactivated

# **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 May 30:

Container locations reported—117

Total container locations closed—608

Total container inventory at staging areas—1,598

• 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

### • 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 is 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 is partially bypassing and expecting additional emergency impacts.
- 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 13 non-community PWS with primary sources of water still off-line

• 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



# March 2019 flood dashboard Week of May 26

1-877-253-2603 deq.ne.gov

# Legend



blue in debris management.

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

# **Updates from May 19 dashboard**

- The following counties received visits from NDEQ team members and were upgraded from yellow to green designations in debris management: Brown, Cherry, Fillmore, Keya Paha, Polk, Rock, Seward and York counties.
  - Thurston County was changed from a blue to a green designation in debris management. • Butler County was visited by NDEQ team members and changed from a yellow designation to
  - The air division received and approved two burn permits related to the flood.
- Although they retain their red designations in wastewater, statuses for Cass, Otoe and Platte counties were updated because of changing conditions caused by heavy rains between May 27
- Seward County was changed from green to red in wastewater because Staplehurst is discharg-
- Because of heavy rains, Nemaha County was changed from green to yellow in wastewater on May 29. The river is rising near the top of Peru's wastewater lagoon levies.
  - Sarpy County returned to a red designation because its bypassing after recent rains/flooding.

# **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 County<sup>1</sup>

• 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 is to be resumed as soon as possible, but is delayed by continuing rainfall. The timeline to finish boring is at least seven weeks, once boring resumes.

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 timeframe for repairs is estimated at three to six months.

# Nemaha County<sup>3</sup>

• 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. Plans are to be able to provide water to the system by May 31. 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 County<sup>6</sup>

• Paradise Lakes: This is a consecutive stem to Metropolitan Utilities District 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 County<sup>2</sup>

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

• Two Rivers State Recreation Area: All three wells and distribution systems were compro-mised by flood waters. T park has reopened with repairs made and power restored to two of its three areas. The third area will not reopen in during 2019 season.

### Pierce County<sup>4</sup>

• 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 County<sup>5</sup>

- Loup River Public Power District: The Headworks Park well flooded and the system has been temporarily inactivated. No timeline
- **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 three months.
- 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

# Sarpy County<sup>6</sup>

- Coreslab Structures: The well is operational, but a portion of the distribution system is damaged. Repairs are underway, but no timeframe for completion.
- 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
- 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

# Saunders County<sup>7</sup>

• 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 County<sup>8</sup>

 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 County<sup>9</sup>—Plattsmouth pulled new/repaired equipment because of rising flood waters. Otoe County<sup>10</sup>—Nebraska City is watching flood levels and is prepared to pull equipment, if
- Platte County<sup>11</sup>—The Monroe WWTF is flooded and damage is being assessed.
- Sarpy County<sup>12</sup>—Papillion Creek Wastewater Resource Recovery Facility is partially bypassing and expecting additional emergency impacts from recent rains/flooding.

  • Seward County<sup>13</sup>—Staplehurst is discharging.

# **Information for debris management**

NDEQ team members met with emergency managers in Brown, Butler, Cherry, Fillmore, Keya Paha, Polk, Rock, Seward, Thurston and York counties. Butler County was given a blue designation, indicating that the agency anticipates this area will need additional help as floodwaters recede. The rest of the counties were upgraded to green.

# Red designations for livestock

Two livestock operations, one in Howard County<sup>14</sup>, the other in Valley County<sup>15</sup>, had extensive structural damage. These facilities are expected to be stabilized and repaired soon.

				Dahuia		
COUNTY	Drinking Water	Wastewater		Debris Management		Livestock
Adams						
Antelope Arthur						
Banner						
Blaine						
Boone Box Butte						
Boyd	1					
Brown Buffalo					_	
Burt						
Butler						
Cass Cedar		9				
Chase						
Cherry			-		_	
Cheyenne Clay						
Colfax						
Cuming Custer						
Dakota						
Dawes						
Dawson Deuel						
Dixon						
Dodge Douglas	2					
Douglas					$\vdash$	
Fillmore						
Franklin Frontier						
Furnas						
Gage						
Garden Garfield						
Gosper						
Grant Greeley						
Hall						
Hamilton						
Harlan Hayes						
Hitchcock						
Holt Hooker					_	
Howard						14
Jefferson						
Johnson Kearney						
Keith						
Keya Paha Kimball						
Kimbali						
Lancaster						
Lincoln Logan					$\vdash$	
Loup						
Mc Pherson	n					
Madison Merrick					$\vdash$	
Morrill						
Nance Nemaha	3					
Nuckolls						
Otoe		10				
Pawnee Perkins			-			
Phelps						
Pierce Platte	4 5	11			<u> </u>	
Polk		11			$\vdash$	
Red Willow						
Richardson Rock					$\vdash$	
Saline						
Sarpy Saunders	6 7	12				
Scotts Bluff						
Seward		13				
Sheridan Sherman					_	
Sioux						
Stanton						
Thayer Thomas						
Thurston						
Valley Washingto	8					15
Wayne						
Webster						
Wheeler York			+		$\vdash$	
			_			