

Iowa Department of Natural Resources
Manure Discharge Chart

| Facility Name | Facility Number | Spill Number | City | Type of Facility | Animal Unit Type | Animal Unit Number | Date of Discharge | Water Impacted | Restitution/Investigative Amount | Restitution Paid | Enforcement | Penalty Amount | Penalty Paid | Remedy |
|-------------------|-----------------|-----------------|---------------|------------------|------------------|--------------------|-------------------|---|----------------------------------|------------------|--|----------------|--------------|---|
| Vernon Van Beek | 66251 | | Inwood | Open Feedlot | Cattle | 990 | 6/1/2012 | Dry Run Creek | N/A | N/A | Attorney General 5/22/14 | \$12,000 | 6/17/2014 | Facility had a NPDES Permit at the time of the discharge. |
| Darwin Reick | 56695 | | Blairstown | Open Feedlot | Cattle | 700 | 10/24/2012 | Prairie Creek | \$4,719.02 | 5/30/2014 | ACO 1/31/14 | \$4,750 | 5/30/2014 | Grassed water waterway reseed and new monitoring for the basin. No NPDES permit required. |
| City View Farms | 60334 | | Sutherland | Combined | Dairy Cattle | 15,500 | May-13 | Waterman Creek | N/A | N/A | ACO 1/28/14 | \$10,000 | 1/6/2014 | Facility had a NPDES Permit at the time of the discharge. Required to plug pipe and remove buried culvert. |
| Dry Creek Farms | 64489 | | Rock Valley | Combined | Dairy Cattle | 1,575 | 5/28/2013 | Dry Creek | N/A | N/A | ACO 2/28/14 | \$5,000 | 3/4/2014 | Required to apply for an NPDES permit. Application has been received and draft permit on review |
| K&D Farmyards | 60404 | | Sioux Center | Combined | Cattle | 14,000 | 5/30/2013 | Unnamed Tributary of Six Mile Creek | N/A | N/A | ACO 7/1/14 | \$9,000 | 6/30/2014 | Facility had a NPDES Permit at the time of the discharge. Facility was required to ensure runoff control structures were constructed properly. |
| Douglas Reimer | 62815 | | Guttenberg | Confinement | Swine | 805 | 6/28/2013 | South Cedar Creek | N/A | N/A | ACO 2/4/14 | \$6,000 | 2/12/2014 | Correction Action Plan followed. No NPDES permit required. |
| John Fluit Jr. | 56833 | | Inwood | Open Feedlot | Cattle | 4,000 | 8/29/2013 | Unnamed Creek and Stock Pond | N/A | N/A | ACO 5/19/14 | \$9,000 | 6/9/2104 | Facility had a NPDES Permit at the time of the discharge. |
| James Koedam | 56658 | | Doon | Open Feedlot | Cattle | 450 | 9/2/2013 | Little Rock River | \$1,775.85 | 3/13/2014 | ACO 3/17/14 | \$5,000 | 3/13/2014 | Install new tile and a pumping system. No NPDES permit required. |
| Marvin VanMaanen | 57034 | | Doon | Open Feedlot | Cattle | 800 | 9/2/2013 | Little Rock River | \$1,775.85 | 3/19/2014 | ACO 3/24/14 | \$5,000 | 3/19/2014 | Install new pump system and berm improvements. No NPDES permit required. |
| Grant Wells | N/A | | Fonda | Confinement | Swine | 300 | 9/16/2013 | Big Cedar Creek | \$22,149.09 | 7/10/2017 | ACO 6/22/14 | \$1,500.00 | 7/10/2017 | Facility repaired basin. No NPDES permit required. |
| High Plains Dairy | 60531 | | Sanborn | Confinement | Dairy Cattle | 3,920 | 9/30/2013 | No water - dry creek bed | N/A | N/A | ACO 3/10/14 | \$5,000 | 3/17/2014 | Facility improvements including lights and dialer. Increased size of berm. No NPDES permit required. |
| Roanoke L.L.C. | 6211 | | Audubon | Confinement | Swine | 1,665 | 10/30/2013 | Unnamed Tributary of Beaver Creek | N/A | N/A | Notice of Violation Issued | N/A | N/A | Dam was constructed to prevent discharge downstream and then manure was removed. No NPDES Permit required. |
| The Maschoffs | 60129 | | Keosauqua | Confinement | Swine | 2,996 | 11/4/2013 | No water - dry creek bed | N/A | N/A | ACO 2/6/14 | \$10,000 | 3/12/2014 | Hire consultant and repair piping and connections. No NPDES permit required. |
| Windy Ridge LLC | 64470 | | North English | Confinement | Swine | 992 | 11/11/2013 | Unnamed Dry Creek Bed | N/A | N/A | Notice of Violation issued | N/A | N/A | Containment dam constructed, flushed water out of for land application, cut off septic drain pipe and raised the PVC riser to a level higher than the pit. No NPDES Permit required |
| Dairy Venture | 63902 | | Central City | Confinement | Dairy Cattle | 910 | 12/3/2013 | Unnamed Tributary of Wapsipinicon River | \$1,294.58 | 2/10/2014 | ACO 4/18/14 | \$3,000 | 4/14/2014 | Improve the sand lane with new control and monitoring. No NPDES permit required |
| Iowa Select 3 | 60688 | 012114-TRL-0733 | Dows | Confinement | | 1,600 | 1/21/2014 | Drainage Ditch #213 | N/A | N/A | Notice of Violation issued | N/A | N/A | Contaminated water was pumped and the tile was flushed. No NPDES permit required |
| Roger Schwieger | 56551 | | Armstrong | Combined | Cattle | 900 | 3/11/2014 | Silage stockpile discharge to tributary of Iowa Lake | N/A | N/A | Notice of Violation Issued | N/A | N/A | Stockpile was removed eliminating the possibility of future discharges. No NPDES permit required |
| Brenneman Pork | 58768 | 031914-BIL-1415 | Washington | Confinement | Swine | 3,719 | 3/19/2014 | Entered Tile Intake, but did not reach water of the state | N/A | N/A | N/A | N/A | N/A | Small amount of manure entered tile intake; tile was bermed and the manure was removed. The manure did not go anywhere but the tile intake. No NPDES Permit required |
| E&M Farms | 66910 | | Ossian | Confinement | Dairy | 600 | 3/18/2014 | Dry Branch Creek | N/A | N/A | EPA Enforcment | \$7,500 | | EPA established Remedy, contact EPA for document |

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| Galen Wagner | 68186 | | Osage | Open Feedlot | Cattle | 580 | 4/30/2014 | Spring Creek | N/A | N/A | ACO 12/23/14 | \$6,500 | 1/21/2015 | Reduced number of animals below 300. Constructed additional earthen basins and raised height of concrete walls in existing basins. No NPDES permit required. |
| Johannes Boehlen | 64879 | 050414-WCG-0858 | Brooklyn | Confinement | Dairy Cattle | 2,320 | 5/4/2014 | Big Bear Creek | N/A | N/A | Notice of Violation issued | N/A | N/A | Submitted engineering work plan. Created emergency spillway, improved storage, and added more concrete areas from stockpile and drain sand. No NPDES permit required. |
| Brian Peterson | 57143 | | Sioux City | Combined | Cattle | 24,950 | 6/16/2014 | Big Whisky Creek | N/A | N/A | AO 12/1/14 | \$10,000 | 2/3/2015 | Facility had a NPDES Permit at the time of the discharge. |
| Morris Feedyards | 56383 | | Wesley | Open Feedlot | Cattle | 2,500 | 6/17/2014 | Tile Intake, but no impact to a water of the state | N/A | N/A | Notice of Violation Issued | N/A | N/A | Construct runoff controls to eliminate the discharge. No NPDES permit required. |
| Farm Nurients LLC | N/A | | Titonka | Chicken Manure Stockpile | N/A | N/A | 7/25/2014 | Buffalo Creek | N/A | N/A | ACO 6/2/15 | \$5,000 | 6/23/2015 | Remove all remaining stockpile and discontinue the use of the stockpile. No NPDES permit required |
| Summit Dairy (John Westra) | 64241 | 081614-BMM-1600 | Primghar | Combined | Dairy Cattle | 1,671 | 8/16/2014 | Mill Creek | \$162,495.46 | Payment Plan - On Schedule | AO 9/14/15 | \$10,000 | 6/4/18 Payment Plan | Settlement 6/1/16 |
| Jeff Pottebaum | 67608 | no spill report | Alton | Combined | Cattle and | 1,060 | 8/16/2014 | Willow Creek | N/A | N/A | ACO 1/7/15 | \$4,000 | 1/12/2015 | Improved buffer and added an additional berm. No NPDES permit required |
| Nathan Tentinger | 63496 | 082214-KAH-1200 | Cleghorn | Combined | Cattle | 4,500 | 8/22/2014 | Unnamed Dry Creek Bed | N/A | N/A | Notice of Violation issued | N/A | N/A | Facility had a NPDES Permit at time of the discharge |
| MLS Legacy, LLLP | 62098 | 082714-DJA-1100 | Laurel | Confinement | Swine | 1,600 | 8/27/2014 | Unnamed Tributary of Alloway Creek | \$348.28 | 5/5/2015 | ACO 3/30/15 | \$7,850 | 5/5/2015 | Record manure levels weekly; remove all fans; and develop and implement employee SOP for manure releases. No NPDES permit required. |
| Adams Dairy | N/A | 090314-SJM-1300 | Garnavillo | Combined | Dairy Cattle | 260 | 9/3/2014 | Buck Creek | \$28,267.49 | 4/18/2017 | ACO 5/20/15 | \$6,000 | 4/18/2017 | Converted half of free stall barn to dry bedded to reduce the liquid manure. Reduced the number of animals at the facility and provided more area for manure to be applied. No NPDES permit required |
| Daniel Muhlbauer | 66277 | no spill report | Manilla | Open Feedlot | Cattle | 999 | 9/5/2014 | Unnamed Tributary of West Nishnabotna River | N/A | N/A | AO 9/29/15 | \$7,000 | 6/13/2016 | Settlement 6/8/16 |
| Brian Roorda | 59250 | 091414-ADW-1000 | Maurice | Combined | Dairy Cattle | 2,810 | 9/14/2014 | Orange City Slogh Creek and West Branch of the Floyd River | \$35,000 | 7/28/2015 | ACO 7/2/15 | \$5,500 | 7/28/2015 | Develop Plan of Action tp prevent future discharges. No NPDES permit required |
| William and Jeff Lawler | 68362 | 091714-SJM-1020 | Peosta | Combined | Dairy Cattle | 390 | 9/15/2014 | Unnamed Tributary of Little Maquoketa River | \$1,118.31 | 3/24/2016 | AO 9/14/15 | \$6,000 | 3/24/2016 | Settlement 2/9/16 |
| Van Meter Feedyard | 56251 | 100214-ETO-1545 | Guthrie Center | Open Feedlot | Cattle | 14,000 | 10/2/2014 | Unnamed Tributary | N/A | N/A | ACO 9/22/15 | \$1,000 | 9/29/2015 | Facility already has a NPDES Permit |
| Horras Hogs LLC DJB Family Farms LLC | | | Brighton | Certified Manure Applicator/Confinement | Swine | 2,480 | 10/13/2014 | Unnamed Tributary | N/A | N/A | ACO 7/29/15 | \$4,000 | 9/29/2015 | Ensure proper land application and handling in the future. |
| Andy Nagel | 68333 | 102714-WCG-1542 | Allerton | Open Feedlot | Dairy Cattle | 83 | 10/27/2014 | Unnamed Tributary of Medicine Creek | N/A | N/A | ACO 10/14/15 | \$1,000 | 1/12/2016 | Construct containment and second berm around existing lagoon. No NPDES permit required |
| Smith Ag, Inc. | 1253CMS | 103114-CMG-2301 | Osage | Certified Manure Applicator | N/A | N/A | 10/27/2014 | Unnamed Tributary of Little Cedar River | \$4,075.37 | 6/12/2015 | ACO 6/17/15 | \$1,500 | 6/12/2015 | Develop and Implement SOP for employees for manure handling. No NPDES Permit required |
| LDR Ranch | 61679 | 111214-JPR-1834 | Harper | Confinement | Swine | 670 | 11/12/2014 | Clear Creek | N/A | N/A | ACO 2/25/15 | \$4,100 | 2/25/2015 | Develop and Implement SOP for employees for manure handling. No NPDES Permit required |

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|--|-------|--|---------------|-----------------------------|------------------|-------|------------|---|------------|------------|-------------------------------|------------|------------|---|
| Hand Nutrient Management | N/A | 111214-DHB-1030 | Williams | Certified Manure Applicator | N/A | N/A | 11/12/2014 | Entered Tile Line, but did not reach drainage ditch | N/A | N/A | Notice of Violation issued | N/A | N/A | Maure was immediately removed from tile line and was land applied before contamination went to drainage ditch. No NPDES permit required |
| Mark Porter | 62630 | 112014-JLK-1230 | Fairfield | Confinement | Swine | 960 | 11/20/2014 | Tributary of Cedar Creek | N/A | N/A | ACO 6/2/15 | \$1,000 | 7/2/2015 | Develop and Implement SOP for employees for manure handling. No NPDES Permit required |
| Steve Boevers and Dresden, LLC | 64497 | | Fredericka | Confinement | Swine | 996 | 4/14/2015 | Tributary of Wapsipinicon River | N/A | N/A | ACO 8/11/15 | \$6,000 | 8/30/2016 | Develop and Implement SOP for employees for manure handling. No NPDES Permit required |
| Lindoah, LLC | 59895 | 042815-DJW-0850 | Red Oak | Confinement | Swine | 1,280 | 4/28/2015 | Tributary of East Nishnabotna River | N/A | N/A | ACO 9/8/15 | \$1,000 | 8/27/2015 | Develop and implement SOP for preventative maintenance program. No NPDES permit required |
| Jason Kies | 64383 | Evidence of a discharge at an inspection | Wall Lake | Combined | Cattle and Swine | 928 | 4/28/2015 | Tributary of Black Hawk Marsh | N/A | N/A | Notice of Violation Issued | N/A | N/A | Cattle pens and settling structures have been removed. Nursery barn and west finisher barn have been discontinued and all manure has been removed. Waterway has been regraded and seeded. |
| D&L Swine, LLC | 58896 | 050515-DAK-1802 | Melvin | Confinement | Swine | 720 | 5/6/2015 | Tributary of Floyd River | N/A | N/A | ACO 9/16/15 | \$500 | 9/14/2015 | Repaired tile riser and constructed a cover for the tile intake structure. No NPDES permit required. |
| Kirk Snitker | N/A | N/A | Waukon | Open Feedlot | Cattle | 65 | 5/9/2016 | Unnamed Tributary of Coon Creek | | | | | | |
| Einicks Dairy | 64237 | 052915-jsp-0900 | Fort Atkinson | Confinement | Cattle | 1,146 | 5/29/2015 | Dry Run Branch | N/A | N/A | ACO 11/23/15 | \$4,000 | 11/16/2015 | Develop and implement SOP for handling of manure and preventative maintenance for equipment |
| Lavern Van Loon | 60341 | 060315-KAH-1500 | Hartley | Confinement | Swine | 503 | 6/3/2015 | Tributary of Sewer Creek | \$3,000 | 2/1/2018 | ACO 3/21/16 | \$500 | 2/1/2018 | Repair basin, find and plug all tiles |
| Plymouth Dairy | 59964 | 070115-CAM-1130 | LeMars | Combined | Dairy Cattle | 5,460 | 7/1/2015 | Tributary of Plymouth Creek | N/A | N/A | ACO 11/3/15 | \$1,000 | 11/6/2015 | Construction of additional containment berms |
| The Good Egg | 67800 | 071515-BAL-1135 | Hampton | Confinement | Chicken | 9,000 | 7/16/2015 | Maynes Creek | \$4,579 | 2/9/2016 | ACO 1/15/2016 | \$5,000 | 2/9/2016 | Note: Discharge of Egg washwater, not manure (waste water) Installed upgraded float alarms |
| New Fashion Pork | 61292 | 073015-DPO-1616 | Nodaway | 61292 | Swine | 2,931 | 7/30/2015 | Middle Nodaway River | N/A | N/A | ACO 11/29/16 | \$500 | 12/1/2016 | Implement quarterly routine serive for discharge lines and ensure personnel are on site when manure is being transferred. |
| Rick Shumaker | 62810 | 080515-JJS-1430 | Tipton | Confinement | Swine | 1,080 | 8/5/2015 | Sugar Creek | \$9,563.30 | Oct-15 | ACO 10/21/15 | \$4,000 | 10/20/2015 | Develop and implement SOP for preventative maintenance for equipment. No NPDES Permit required |
| Brian Crees | 63434 | 081015-BJB-1030 | Winterset | Confinement | Swine | SAFO | 8/10/2015 | Howerdon Creek | N/A | N/A | ACO 1/9/17 | \$3,000 | 4/1/2018 | Facility to be evaluated by engineer prior to populating the facility again. Must make the necessary repairs or replace the storage before populating the facility. |
| Paul Sealine | 61087 | | Stratford | Confinement | Swine | 2,880 | 8/15/2015 | Squaw Creek | N/A | N/A | ACO 1/25/2016 | \$500 | 1/21/2016 | Increase height of concrete storage tanks |
| Brad Van Gelder/Prescision Applicators | N/A | 082315-TMN-1429 | Lorimor | Certified Manure Applicator | N/A | N/A | 8/22/2015 | Tributary of Thompson River | N/A | N/A | ACO 12/28/16 | \$2,000 | 1/10/2017 | Develop and implement Standard Operating Procedure for employee training program. |
| NMC Holdings, LLC | 62972 | 091615-LLB-1410 | Holstein | Confinement | Swine | 4,525 | 9/16/2015 | Tributary of Ashton Creek | N/A | N/A | ACO 2/15/16 | \$2,750 | 3/10/2016 | Install alarms to prevent future release and develop a Standard Operating Procedure for employees |
| Sunrise Farms | | | May City | Confinement | Chicken | | 9/28/2015 | Stony Creek | 26,709.56 | 11/23/2015 | Attorney General Settlement | \$46,000 | 2/20/2017 | Discharge of Egg washing liquid, not manure (waste water) |
| James Frye | 59314 | 092815-SJM-1019 | Stanly | Confinement | Swine | 3,600 | 9/28/2015 | Pine Creek | N/A | N/A | Attorney General Settlement | \$15,000 | 8/24/2016 | Attorney General Settlement |
| Krauskopf Pumping Services | N/A | 101215-ABCM-1500 | New Albin | Certified Manure Applicator | N/A | N/A | 10/12/2015 | Clark Creek | N/A | N/A | ACO 4/13/16 | \$2,000.00 | 7/28/2016 | Develop and Implement a Standard Operating Porcedure for Employee Training. |

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| John Ryken/Ring Valley, LLC | N/A | 100715-WDG-1505 | New Sharon | Certified Manure Applicator | N/A | NA | 10/7/2015 | Tributary to South Skunk Creek | N/A | N/A | ACO 9/9/16 | \$1,000 | 9/30/2016 | Develop and Implement a Standard Operating Porcedure for Employee Training. |
| S&K Custom | N/A | 102015-SJW-2030 | Hubbard | Certified Manure Applicator | N/A | N/A | 10/20/2015 | Unnamed Creek | N/A | N/A | ACO 2/29/16 | \$1,000 | 3/1/2016 | Cover all tiles prior to future applications |
| C&D Services | N/A | 103015-LLB-1415 | LeMars | Certified Manure Applicator | N/A | N/A | 10/30/2015 | Unnamed tributary | N/A | N/A | ACO 3/14/15 | \$1,000 | 3/22/2016 | Develop and implement SOP for preventative maintenance program. No NPDES permit required |
| D&D Dairy | 68704 | 112415-JFP-0900 | Charlotte | Confinement | Dairy Cattle | 352 | 11/4/2015 | Unnamed tributary | N/A | N/A | ACO 2/29/16 | \$4,000 | 3/30/2016 | Develop and implement Corrective Plan of Action to prevent future discharges |
| Patricia Jorgensen | 57986 | 111415-HJV-0753 | Denison | Confinement | Swine | 3,300 | 11/14/2015 | Unnamed tributary | N/A | N/A | ACO 8/22/16 | \$500 | 8/24/2016 | Maintain lock on slurry store lid, Maintain new dike; and Repairs to system |
| Sleister Brothers Dairy | 68703 | | Clayton County | Combined | Dairy Cattle | 180 | 11/4/2015 | Unnamed tributary to Bloody Run | N/A | N/A | ACO 12/5/16 | \$6,000 | 12/15/2018 | Develop Plan of Actionfor proper management and manintenance. No NPDES Permit required. |
| Brian Kruse | 65410 | | Osceola County | Open Feedlot | Cattle | 999 | 11/17/2015 | Unnamed tributary of Little Rock River | N/A | N/A | ACO 10/26/16 | \$1,000 | 11/14/2016 | Installed secondary containment and purchased new pump. No NPDES permit required |
| Kenneth Kline | 60969 | | Harrison County | Open Feedlot | Cattle | 950 | 11/18/2015 | Unnamed tributary of Euclid Creek | N/A | N/A | AO 1/7/17 | \$10,000 | 12/10/19 Payment Plan Completed | Order requires one of 3 options: permit, remove conveyance or reduce below 300 |
| Steve Kerns | N/A | 123115-DPO-1203 | Taylor County | Confinement | Swine | 300 | 12/31/2015 | Unamed tributary of One Hundred and Two River | N/A | N/A | ACO 4/6/17 | \$6,000 | 12/19/19 Payment Plan Completed | Install secondary containment, includes stipulated penalties for failure to meet deadline. |
| Swine Graphics Enterprises (Dave Jones) | 50595 | 012416-ETO-1405 | Union County | Confinement | Swine | 1,536 | 1/24/2016 | Farm Pond | N/A | N/A | ACO 11/23/16 | \$1,000 | 11/11/2016 | Install timers and automatic shutoffs. No NPDES permit required. |
| Carroll Farms | 59711 | | Lee County | Confinement | Swine | 800 | 2/1/2016 | Rogers Ditch | N/A | N/A | ACO 6/1/16 | \$7,000 | 5/26/2016 | Develop and implement SOP for inspections and emergency action plans. No NPDES permit required. |
| Cyclone Cattle | | 022816-HJV-1036 | Pottawattamie County | Open Feedlot | Cattle | 3,500 | 2/28/2016 | Unnamed tributary of W. Nishnabotna River | N/A | N/A | Combine with 4/20/16 Cyclone Cattle ACO 10/14/16 | \$10,000 | 11/10/2016 | Facility has a NPDES permit. Upgrade SOFEBs and application changes |
| Swine Graphics Enterprises (ADL VI Sow Farm) | 61303 | 040416-JAT-1005 | Clark County | Confinement | Swine | 3,827 | 4/4/2016 | Boles Pond and Thomspson River | N/A | N/A | ACO 11/23/16 | \$8,500 | 11/11/2016 | New containment and develop SOP for manure transfer. No NPDES required |
| Cyclone Cattle | | 042016-KDW-1440 | Pottawattamie County | Open Feedlot | Cattle | 3,500 | 4/20/2016 | Unnamed tributary of W. Nishnabotna River | N/A | N/A | Combine with 2/28/16 Cyclone Cattle ACO 10/14/16 | \$10,000 | 11/10/2016 | Facility has a NPDES permit. Upgrade SOFEBs and application changes |
| Aaron Vorthman | | 042016-KDW-1440 | Pottawattamie County | Open Feedlot | Cattle | 400 | 4/20/2016 | Unnamed tributary of W. Nishnabotna River | N/A | N/A | ACO 11/17/16 | \$2,500 | 12/19/2016 | Installed new retention pond, a valve control structure, and an irrigation pipe. No NPDES permit required. |
| Steve Kerns | N/A | 051716-ARM-1420 | Taylor County | Confinement | Swine | 300 | 5/18/2016 | Unnamed tributary of One Hundred and Two River | N/A | N/A | ACO 4/6/17 | \$6,000 | 12/19/19 Payment Plan Completed | Install secondary containment, includes stipulated penalties for failure to meet deadline. |
| Keith Elsbernd Dairy | 69120 | | Winneshiek County | Open Feedlot | Cattle | 120 | 6/16/2016 | Tributary of Torut Creek | N/A | N/A | ACO 3/24/17 | \$3,500 | 3/28/2017 | Facility has been depopulated. Required engineer evaluation if the facility is every repopulated. |
| Cooperative Credit Company | 65545 | | Osceola County | Confinement | Swine | 4,400 | 6/16/2016 | Kappes Creek | N/A | N/A | ACO 11/16/16 | \$3,000 | 11/3/2016 | Construct new clean water diversion berm and replaced the reception pits. No NPDES permit required. |
| Doug Streit | 62163 | 063016-SMM-1150 | O'Brien County | Confinement | Swine | 720 | 6/30/2016 | Barry Creek | \$1,633.71 | 1/18/2017 | ACO 1/19//17 | \$2,500 | 1/18/2017 | Develop and implement a Standard Operating Procedure detailing the manure transfer plan. |

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| Justin Clasen | | 090916-CSG-0950 | Jackson County | Open Feedlot | Cattle | 200 | 9/9/2016 | Upper Brush Creek | \$4,953.17 | 9/30/2018 | ACO 8/18/17 | \$5,000 | 9/30/2018 | Order gave him the option of applying for a NPDES permit or removing the manmade conveyance |
| Jeff Kruse | 66469 | | Lyon County | Confinement | Cattle | 600 | 9/15/2016 | Unnamed tributary of the Big Sioux River | \$1,208.13 | 6/21/2017 | AO 1/9/17 | \$4,500 | 6/21/2017 | Order requires Mr. Kruse to develop and implement Standard Operating Procedure for manure handling. |
| Jeff Kintze | N/A | N/A | Dubuque County | Certified Manure Applicator | N/A | N/A | 9/20/2016 | Whitewater Creek | N/A | N/A | ACO 5/19/17 | \$3,500 | 5/22/2017 | Comply with stated Plan of Action for future land application |
| Steve Kalb | 69169 | | Dubuque | Combined | Cattle | 776 | 9/20/2016 | Whitewater Creek | N/A | N/A | ACO 4/25/17 | \$2,000 | 6/14/2017 | Develop and implement Standard Operating Procedure for water diversion and open feedlot maintenance |
| Linkenmeyer Family Feeders | 57717 | | Howard County | Confinement | Cattle and | 3,330 and 4,000 | 9/28/2016 | Unnamed tributary of the Wapsipinicon River | \$356.70 | 6/7/2017 | ACO 5/10/17 | \$4,000 | 6/7/2017 | Develop and implement a Standard Operation Procedure for land application at the facility |
| Clarence Rohlfen | 68087 | | O'Brien County | Confinement | Swine | 280 | 10/8/2016 | Unnamed tributary of Mill Creek | N/A | N/A | ACO 2/14/17 | \$6,400 | 2/15/2017 | Develop and implement Standard Operating Procedure for manure handling and manure storage. |
| Tentinger Farms | 63496 | | Cherokee County | Open Feedlot | Cattle | 4,500 | 10/12/2016 | Bear Creek | N/A | N/A | ACO 2/9/17 | \$5,000 | 2/8/2017 | Develop and implement Standard Operating Procedure for the land application of manure from his facility. |
| Spring Valley Resource Management | N/A | 110416-WDG-0935 | Marion County | Certified Manure Applicator | N/A | N/A | 11/3/2016 | Van Zante Creek | N/A | N/A | ACO 4/6/17 | \$2,433 | 4/5/2017 | Develop and implement Standard Operation Procedure for employee training. |
| Dan Nilles Pit Pumping | N/A | | Plymouth County | Certified Manure Applicator | N/A | N/A | 11/10/2016 | Unnamed tributary of Plymouth Creek | N/A | N/A | ACO 3/8/17 | \$1,000 | 3/28/2017 | Develop and implement Standard Operation Procedure for employee training. |
| Mark Schroeder Pumping | N/A | 111116-ARM-1730 | Carroll County | Certified Manure Applicator | N/A | N/A | 11/11/2016 | Boyer River | N/A | N/A | ACO 4/25/17 | 4,100 | 4/10/2017 | Develop and implement Standard Operation Procedure for manure transfer and application |
| Waste Management Ag Services | N/A | 112016-TJJ-0900 | | Certified Manure Applicator | N/A | N/A | 11/20/2016 | Willow Creek | N/A | N/A | ACO 6/19/17 | 3,000 | 6/20/2017 | Develop and implement Standard Operation Procedure for employee training. |
| Jochum AgriService | N/A | 032117-BLW-1415 | Sioux County | Certified Manure Applicator | N/A | N/A | 3/21/2017 | Unnamed tributary of Floyd River | N/A | N/A | ACO 7/24/17 | 1,500 | 7/25/2017 | Develop and implement Standard Operation Procedure for manure transfer and application |
| Joe Scallon | N/A | | Franklin | Certified Manure Applicator | N/A | N/A | 4/24/2017 | Tributary of Maynes Creek | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| LCNJ Farms, LLC | 57342 | | Plymouth County | Confinement | Cattle | 3,999 | 4/6/2017 | Tributary of Whisky Creek | N/A | N/A | ACO 3/27/18 | 7,000 | On Payment Plan | Develop and implement Plan of Action for improvements to eliminate storm water collection |
| James & Joseph Schieltz | 69581 | | Dubuque | Open Feedlot | Cattle | 61 | 7/5/2017 | Unnamed Tributary of White Pine Hollow | 2,047.19 | 3/29/2018 | ACO 3/29/18 | 2,000 | 3/29/2018 | Feedlot will no longer be used |
| RaymondForsyth | 62839 | | Fayette | Confinement | Swine | <500 | 8/5/2017 | Little Volga River | 4,910.58 | 4/26/2018 | ACO 4/26/18 | 2,000 | 4/26/2018 | No permanent remedy needed, discharge was caused by a building demolition by an outside party |
| Michael Matthews | 56199 | | Dickinson | Combined | Cattle | 450 Open 350 Confined | 8/17/2017 | Tile Intake | N/A | N/A | ACO 3/12/18 | \$6,000 | Referred to Revenue | Submit NPDES permit application, eliminate man-made conveyance or reduce the capacity of the facility |
| Darryl Humpal | 68823 | | | Certified Manure Applicator | N/A | | 8/25/2017 | Dry Run Creek | 13,445 | Payment Plan - On Schedule | ACO 11/2/18 | 2,000 | 6/8/20 Payment Plan Completed | Develop and implement a plan of action for land application. |
| Kingsley Sow, LLC | 61244 | 082917-SLK-1335 | Plymouth County | Confinement | Swine | 1,827.20 | 8/29/2017 | Unnamed Tributary | N/A | N/A | ACO 11/16/17 | \$3,000 | 11/28/2017 | Develop and implement plan of action for employee training in handling manure. |

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Manure Discharge Chart

| | | | | | | | | | | | | | | |
|-----------------------------------|-------|------------------|-------------------|-----------------------------|--------|----------------|------------|---|-----------|-----------|--|----------|--------------------------------------|--|
| John Hoefler Dairy | 69652 | | Dubuque County | Combined | Cattle | 40 Open 240 | 10/9/2017 | Hickory Creek | 22,417.98 | 4/26/2018 | ACO 4/27/18 | \$2,000 | 4/26/2018 | Submit written plan to the DNR for approval within 30 days of the date the Director signs the ACO |
| David Albrecht | 70034 | | Butler County | Combined | Swine | <500 | 10/12/2017 | Landphere Creek | N/A | N/A | ACO 4/9/18 | \$2,000 | 5/13/20 Payment Plan Completed | Develop and implement plan of action for employee training in handling manure. |
| JWS, LLC | N/A | 102517-ARM-0900 | Page County | Certified Manure Applicator | N/A | N/A | 10/25/2017 | Unnamed Tributary of East Tarkio Creek | N/A | N/A | ACO 3/12/18 | \$2,100 | 3/14/2018 | Develop and implement Standard Operating Procedure for transferring and applying manure. |
| Reicks View Farms | | 103117-JSO-1213 | Chikassaw County | Confinement | | | 10/31/2017 | Unnamed Tributary of Crane Creek | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| Jeff Kramer - Jefferson Finishers | 65536 | 110317-DWW-2138 | Butler County | Confinement | Swine | 2,490 | 11/3/2017 | Tributary of Feddeke Creek | 1,224.27 | 8/23/2018 | ACO 8/14/18 | 2,250 | 8/23/2018 | Required to either submit monthly monitoring reports or reroute all septic lines. |
| Twinam Farms | | 111717-TJJ-2202 | Louisa County | Confinement Application | Swine | | 11/17/2017 | Buffington Creek | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| Neese, Inc. | N/A | 1201517-JMT-1622 | Carroll County | Certified Manure Applicator | N/A | N/A | 12/5/2017 | Willey Branch | N/A | N/A | ACO 6/17/19 | \$500.00 | 6/20/2019 | Develop and implement a Standard Operating Procedure for new employee training for land application |
| Brian Behrens | 56563 | N/A | Carroll County | Open Feedlot | Cattle | 999 | 5/2/2018 | Unnamed tributary of East Nishnabotna River | N/A | N/A | ACO 1/31/20 | \$2,500 | On Payment Plan | Develop and implement a Plan of Action for additional effluent and runoff controls at the facility |
| Chad Hansmann | 56433 | N/A | Lyon County | Open Feedlot | Cattle | 2,000 | 6/20/2018 | Rio Grande Creek | N/A | N/A | ACO 4/1/19 | 6,000 | 9/9/2020 | Facility has an NPDES permit |
| Kevin Moellers | | 062018-CWO-0810 | Winneshiek County | Confinement-Application | Cattle | 5,273 | 6/20/2018 | Walnut Creek | N/A | N/A | ACO 1/28/19 | 1,500 | 2/20/2019 | Submit and implement a Plan of Action for responding to manure releases. |
| Regancrest Holsteins | | 090318-BCM-1310 | | | | | 9/3/2018 | | | | Enforcement Pending | | | |
| Wellman Feeder Pig, Inc. | 60190 | N/A | Washington | Confinement | Swine | 2,790 | 9/6/2018 | Lime Creek | N/A | N/A | ACO 2/20/19 | \$5,000 | 2/12/2019 | Develop and implement a Standard Operating Procedure for ensuring proper freedboard. Conduct an investigation on the construction and operation of the lagoon. |
| Blue Hyll Dairy | 60132 | N/A | Clinton County | Confinement | Cattle | 1,310 | 9/12/2018 | Tributary of Silver Creek | N/A | N/A | ACO 7/15/19 | \$6,500 | | Eliminate discharge or submit an NPDES Permit Application |
| Jochum AgriService | N/A | 091718-MGS-1430 | Lyon County | Certified Manure Applicator | N/A | N/A | 9/17/2018 | Unnamed Tributary of Rock Creek | N/A | N/A | ACO 3/19/19 | N/A | N/A | Submit and implement a Standard Operating Procedure for proper transfer and application of manure. |
| DMC Property Rentals LLC | 61219 | N/A | Humboldt County | Confinement | Swine | 2,640 | 9/24/2018 | Ditch 49 | N/A | N/A | ACO 3/25/19 | \$500.00 | 3/12/2019 | Install riser in earthen basin. |
| TEDE Farms LLC | 63821 | N/A | Butler County | Confinement | Swine | 996 | 9/27/2018 | Tributary of Parmentar Creek | N/A | N/A | ACO 3/25/19 | \$500.00 | 3/26/2019 | Submit and implement a detailed plan for monitoring the facility when it is depoluted. |
| Brenneman Pork | 70630 | 092718-JFP-1315 | Washington | Confinement | Swine | 4,800 | 9/27/2018 | Tributary of Lime Creek | N/A | N/A | ACO 1/28/19 | \$1,000 | 1/9/2019 | Submit and implement a Standard Operating Procedure for the application of manure via an irrigation system. |
| Gary Kregel | 67831 | | Guttenberg | Confinement | Swine | 120 | 10/10/2018 | Unnamed tributary | N/A | N/A | ACO 2/25/20 | \$3,600 | 2/17/2020 | Develop and submit a plan of action to ensure no further manure releases, including evaluating manure storage capacity and implementing stormwater controls. |
| Tres M | N/A | 102618-CEB-1530 | N/A | N/A | N/A | N/A | 10/26/2018 | N/A | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |

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| | | | | | | | | | | | | | | |
|-------------------------------------|-------|-----------------|--------------------|-----------------------------|--------------|---------------|------------|--------------------------------------|-----|-----|--|----------|--------------------------------|--|
| Bio Application LLC | | 102718-CEB-1700 | N/A | N/A | N/A | N/A | 10/27/2018 | N/A | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| John Dingman | | 11018-TJJ-1325 | N/A | N/A | N/A | N/A | 11/2/2018 | N/A | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| T&K Pumping | N/A | 111918-BIL-1812 | Dubuque | Certified Manure Applicator | N/A | N/A | 11/9/2018 | Basswood Creek | N/A | N/A | ACO 3/21/19 | \$3,000 | 4/2/2019 | Submit and implement a Standard Operating Procedure for land application monitoring during adverse weather conditions. |
| Waste Management Ag Services | N/A | N/A | Clinton County | Certified Manure Applicator | N/A | N/A | 12/17/2018 | Unnamed Tributary of Elk Creek | N/A | N/A | ACO 7/18/19 | \$10,000 | 8/29/2019 | Submit and implement a Standard Operating Procedure for land application monitoring and three years of probation |
| Merlin Rozeboom | 66706 | | Rock Rapids | Feedlot | Cattle | 550 | 12/27/2018 | Tributary of Mud Creek | N/A | N/A | ACO 1/27/20 | \$5,000 | On Payment Plan | Submit and develop of Plan of Action for the operation and maintenance of the facility or submit a NPDES permit |
| Barry Anderson | 58114 | N/A | Greenville | Confinement | Swine | 1,760 | 12/27/2018 | Little Sioux River | N/A | N/A | ACO 6/3/19 | \$2,500 | 10/25/2019 | Develop and implement a Standard Operating Procedure to ensure proper land application, specifically during adverse |
| New Fashion Pork | 68455 | | Emmet Township | Confinement | Swine | 1,760 | 12/27/2018 | Unamed tributary of Des Moines River | N/A | N/A | ACO 8/8/19 | \$4,800 | 8/8/2019 | Develop and implement a Standard Operating Procedure for land application and include procedures for frozen ground |
| Max Waldo, Inc. | 60079 | 010919-JAT-0839 | Winterset | Confinement | Swine | 750 | 1/9/2019 | Unnamed Tributary | N/A | N/A | ACO 5/30/19 | \$5,000 | 2/12/20 Payment Plan Completed | Develop and implement a Standard Operating Procedure prevent plumbing failures at the facility |
| Patrick Reisinger | N/A | 030619-BDJ-0915 | Waterville | Confinement | Swine | 380 | 3/6/2019 | Village Creek | N/A | N/A | ACO 5/28/19 | \$3,000 | 5/2/2019 | Develop and implement a Standard Operating Procedure to ensure there are no further mechanical failures |
| Cyclone Cattle | | 031019-WSW-0830 | | Open Lot | Cattle | | 3/11/2019 | Unnamed Tributary | | | Enforcement Pending | | | |
| Brian Jackson | 56520 | | Buena Vista County | Open Lot | Cattle | 600 | 3/13/2019 | Storm Lake | N/A | N/A | ACO 4/7/20 | 3,000 | 6/22/2020 | Develop and implement Plan of Action for land application |
| Lawler Dairy | | | | | | | 3/25/2019 | Unnamed Tributary | | | Enforcement Pending | | | |
| Arlyn and Kevin Fossum | N/A | N/A | Waterville | Confinement | Dairy Cattle | 150 | 3/31/2019 | Paint Creek | N/A | N/A | ACO 6/24/19 | \$3,000 | 7/31/2019 | Develop and implement a Standard Operating Procedure to prevent overland water flow |
| Jeremy Reiling | | 040619-TEM-1739 | Monticello | Confinement | Swine | 960 | 4/6/2019 | Deer Creek | N/A | N/A | No further enforcement - there was not a documented water quality violation. | N/A | N/A | N/A |
| Catnip Ridge Manure Application LLC | N/A | 040619-MRH-0959 | Conesville | Certified Manure Applicator | N/A | N/A | 4/6/2019 | Unnamed Tributary | N/A | N/A | ACO 6/17/19 | N/A | N/A | Develop and implement a Standard Operating Procedure for equipment maintenance and inspection |
| Cyclone Cattle | | 041519-ARM-1810 | | Open Lot | Cattle | | 4/15/2019 | Unnamed Tributary | | | Enforcement Pending | | | |
| Bar-K Cattle | 57946 | | Sioux Center | Open Lot | Cattle | 9,000 | 4/12/2019 | Six Mile Creek | N/A | N/A | ACO 10/7/19 | \$5,000 | | Facility has a NPDES permit, cease all unpermitted discharges |
| Thomas Budde | | | LaMotte | Combined | Swine | Not Populated | 4/16/2019 | North Fork Maquoketa River | N/A | N/A | ACO 8/5/19 | 2,000 | 8/14/2019 | Remove all manure within 6 months and if re-populated conduct tile line investigation |
| Jansma Cattle Company | 61304 | 041219-LLP-0830 | Rock Rapids | Open Lot | Cattle | 4,000 | 4/12/2019 | Unnamed Tributary of Rock River | N/A | N/A | ACO 10/10/19 | \$5,000 | 11/1/2019 | Facility has a NPDES permit, cease all unpermitted discharges |
| D&D Dairy (Darryl Banowetz) | 68704 | 042419-JFP-1515 | Charlotte | Confinement | Cattle | 352 | 4/24/2019 | Unnamed Tributary of Bear Creek | N/A | N/A | ACO 8/26/19 | \$5,000 | On Payment Plan | Develop and Implement Plan of Action to preven future discharges |

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| | | | | | | | | | | | | | | |
|----------------------------|-----------------|-----------------|-----------------|-----------------------------|--------|----------|---------------------|--|-----|-----|---|------------|-----------------|---|
| Miller Farms | 57252 | | Beaman | Open Lot | Cattle | 720 | 5/22/2019 | Unnamed Tributary | N/A | N/A | No further enforcement - there was not a documented water quality violation | N/A | N/A | N/A |
| Steven Kerns | | 050719-ARM-1100 | | Confinement | Swine | 300 | 5/7/2019 | Unnamed Tributary of 102 River | N/A | N/A | Referral to the Attorney General 10/19 | | | Referral to the Attorney General 10/19 |
| Jim Carstensen | 56649 | 052419-BDJ-1500 | Preston | Open Lot | Cattle | 700 | 5/24/2019 | Copper Creek | N/A | N/A | ACO 8/28/19 | \$10,000 | 9/9/2019 | Develop Plan of Action to remove trench and to ensure proper land application or submit a NPDES permit application |
| G&G Farms/Triple G Feedlot | 58995 and 69220 | 052819-MGS-1200 | Inwood | Open Lot | Cattle | 2,000 | 5/28/2019 | Unnamed Tributary of Big Sioux River | N/A | N/A | ACO 10/31/19 | \$6,000 | 10/22/2019 | Develop a Plan of Action to prevent all discharges or submit a complete NPDES permit application |
| Dave Van Beek | 61396 | | Inwood | Open Lot | Cattle | 2,500 | 5/28/2019 | Unnamed Tributary of Dry Run Creek | N/A | N/A | ACO 10/28/19 | \$5,000 | 10/21/2019 | Develop Plan of Action to prevent discharges or submit a NPDES permit application |
| Gaylon Rozeboom | 66047 | | Lyon | Open Lot | Cattle | 4,500 | 6/27/2019 7/5/19 | Unnamed tributary of Mud Creek | N/A | N/A | ACO 7/23/20 | \$10,000 | On Payment Plan | |
| Roland Weirather | 70809 | | Keokuk | Confinement | Swine | 354 | 7/7/2019 | Unnamed Tributary of Mississippi River | N/A | N/A | ACO 1/24/20 | \$3,000 | 1/12/2020 | Cease all operations |
| Van Essen Farms | 56950 | | Lyon County | Open Lot | Cattle | 1,700 | 7/5/2019 | Unnamed Tributary | N/A | N/A | ACO 6/24/20 | \$1,500 | 7/8/2020 | Develop and implement plan of action for the operation, maintenance and upgrade of SSB and SOFEB at the facility. |
| Robert Bryant | 66259 | | Washta | Confinement - Silage Runoff | Cattle | 2,560 | 8/7/2019 | Unnamed Tributary | N/A | N/A | ACO 2/11/20 | 2,000 | | Monitor stockpile during wet conditions. |
| Remmerde Farms | 56481 | N/A | Rock Valley | Open Lot | Cattle | 5,500 | 9/12/2019 | Tributary of Big Sioux River | N/A | N/A | ACO 4/23/20 | 2,500 | 5/14/2020 | Facility has active NPDES permit |
| Meadowvale Dairy | | | Rock Valley | | | | 9/12/2019 | Big Sioux River | | | Enforcement Pending | | | |
| Pro Pumping | | | Hawarden | Certified Manure Applicator | N/A | N/A | 9/25/2019 | Unnamed Tributary and Six Mile Creek | | | Enforcement Pending | | | |
| Dennis Kuehl | 65281 | 100419-KRB-1134 | Cass | Confinement | Swine | 999.6 | 10/4/2019 | Unnamed Tributary of Camp Creek | N/A | N/A | ACO 1/24/20 | \$6,000 | On Payment Plan | Develop and implement plan of action to prevent all future discharges |
| Calderwood Farms | N/A | 103119-BJB-1013 | | Manure Applicator | N/A | N/A | 10/31/2019 | Wolf Creek | N/A | N/A | ACO 10/20/20 | \$3,000.00 | 10/5/2020 | |
| Larabee Applicators | | 112119-ARM-1050 | | Certified Manure Applicator | N/A | | 11/21/2019 | Unnamed tributary of East River | | | Enforcement Pending | | | |
| CK Pumping | | 112619-CET-1845 | | | | | 11/26/2019 | | | | Enforcement Pending | | | |
| Tentinger Farms | | | | Open Feedlot | | | 12/6/2019 | Tributary of Bear Creek | | | Enforcment Pending | | | |
| JBS Farms/Gary Sovereign | N/A | 120519-TJJ-1655 | Howard County | Certified Manure Applicator | N/A | N/A | 12/5/2019 | Turkey River | N/A | N/A | ACO 3/17/20 | \$2,000 | 3/14/2020 | Restructured valve at the facility |
| Kingsley Sow, LLC | 61244 | 022720-TWR-1000 | Plymouth County | Confinement | Swine | 1,827.20 | 2/27/2020 | Tributary of Johns Creek | N/A | N/A | ACO 5/26/20 | \$5,500 | 5/19/2020 | Submit and implement written evaluation from professional engineer for the repair and improvement of the pump station and piping at the facility. |
| Vorwerk Pumping | N/A | 042320-TRL-1945 | | Certified Manure Applicator | N/A | N/A | 4/23/2020 | Unnamed tributary | N/A | N/A | Enforcement Pending | | | |
| Buch Farms, LLC | | 042920-MRH-1530 | | | | | 4/29/2020 | Unnamed tributary | N/A | N/A | Enforcement Pending | | | |

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|-------------|--|------------------|--------------------|-------------|--|--|-----------|-------------------|--|--|---------------------|--|--|--|
| Kris Ehlers | | 071920-BMM-1125 | Buena Vista County | Confinement | | | 7/20/2020 | Unnamed tributary | | | Enforcement Pending | | | |
| Greg Koenen | | 0929290-BMM-1600 | Sioux County | | | | 9/29/2020 | Rock River | | | Enforcement Pending | | | |