



Spill Characteristics and DNR Enforcement Efforts at Terre Haute CAFO, 1995–2021

SPILL AND ENFORCEMENT TOTALS

SPILL CHARACTERISTICS						MISSOURI DNR ENFORCEMENT EFFORTS				
Est. Volume of Reported Spills (gal.) ¹	Total Reported Spills	Reported Spills w/ Unknown Volume	% Spills w/ Unknown Volume	Avg. Spill Volume (gal.) ²	Avg. Annual Spill Volume, Past 30 Yrs. (gal.) ²	Letters of Warning	Notices of Violation	Spills w/o Onsite Response	% Spills w/o Onsite Response	Volume of Spills w/o Onsite Response (gal.) ¹
1,218,081	133	14	11%	10,236	40,603	7	3	54	41%	867,050

¹ These totals do not include reported spills of unknown volume. For details about spill calculation, see the Methodology section of the Rap Sheet (sraproject.org/SmithfieldMORapSheet)

² Average volumes were calculated for known spills (i.e., excluding spills of unknown volume).

TERRE HAUTE—REPORTED WASTE SPILLS AND VIOLATIONS

DATE	ESTIMATED GALLONS SPILLED	DESCRIPTION
6/6/1995	-----	Agency records indicate a DNR inspector documented, “The supervisors & site managers do not have guidance information on land application management available on site such as permits, plan of operations & etc....In general operators have little understanding of regulatory requirements and have not been provided with proper guidance.”
11/28/1995	-----	Agency records indicate a DNR inspector documented, “There was no plan of operations or operating permit to provide guidance on lagoon and land application management. It is imperative that copies of the above documents be located at each site for the supervisor and site manager to utilize as tools in proper waste management...cleanout riser pipe cap was cracked at Terra (sic) Haute Site 10 and should be replaced.”
6/26/1996	-----	Agency records indicate a DNR inspector documented, “Several [lagoon] emergency spillways were still in need of leveling. The relocated spillway at Terra (sic) Haute Site 4 appeared to be too deep. The spillway at Terra (sic) Haute Site 10 was excavated too deep during repair. The berms at Terra (sic) Haute Site 8 were inadvertently raised approximately 1 foot without a construction permit.” Three lagoons were filled above the safe operating volume. “These facilities were considered to be in noncompliance.”
9/3/1996	unknown	Agency records indicate a plugged pipeline flooded a birthing building and spilled wastes into a stormwater diversion channel. An emergency pit was constructed to contain the spill. DNR did not respond on site to investigate the incident.

4/30/1997	unknown	Agency records indicate a DNR inspector documented, "heavy snowfall damaged some of the outer structures on the buildings, including many fan covers and feed lines from the feed hoppers. These broken feed lines caused several feed spills around the outsides of the buildings...All land application risers were observed during the inspection...A few are buried in sediment and need to be dug out...The center pivot irrigation connection at the Cooley Mega Nursery tower station is leaking and needs to be repaired. This leak is also dripping onto a nearby electrical connection that could eventually cause an electrical failure...Site #6 has erosion on the outslope of the west [lagoon] berm, and site #14 has erosion on the outslope of the southeast [lagoon] berm...Erosion is widespread in the diversions, secondary containment structures and between the confinement buildings. Many of the erosional gullies are deep...The operator needs to take immediate actions to stabilize this erosion."
9/17/1997	-----	Agency records indicate a DNR inspector documented, "Erosion was noted at many sites. Trash was noted in several sites."
6/17/1998	-----	Agency records indicate a DNR inspector documented, "severe erosion exists on the west [lagoon] berm of #17. This erosion must be promptly stabilized."
8/28/1998	1,500	Agency records indicate a plugged pipeline flooded Barn C and spilled into emergency containment. DNR did not respond on site to investigate the incident. The DNR regional director wrote, "We do not have any staff available today."
9/12/1998	1,500	Agency records indicate a plugged pipeline in building G flooded the building and spilled wastes into emergency containment. The DNR regional director stated, "Some of this wastewater escaped the containment structure due to a loose pull-plug in the discharge pipe...PSF needs to replace all these plugs with mechanical valves that can be secured. This is not the first incident where the containment plugs have leaked" In another document, the DNR regional director stated, "It is my decision to not make a special trip for this release into secondary containment. If PSF would be untruthful about the release, we would hear from the public, who are, and always have been partners with us in finding and reporting pollution problems." An emergency dam was constructed to help contain the spill.
12/16/1998	-----	Agency records indicate a DNR inspector documented, "Cracks were observed behind building #4 at site #2 and behind building #3 at site #4. A large animal den was observed under the foundation of the feed room at site #17...The secondary containment structures are not adequately maintained...Stabilize erosional gullies in the secondary containment structures at sites #3, #4, #6, #7, #10, #13, #14 and #17 and in the stormwater diversions at sites #3, #5, #6, #7, #8 and #16. Repair the deep tire ruts on the lagoon berms at sites #2, #8 and #14."
2/15/1999	7,000	Agency records indicate a plugged pipeline flooded a building with waste that spilled into emergency containment.
6/8/1999	1,000-1,500	Agency records indicate a waste pipeline plugged with dead piglets flooded buildings with waste and spilled into emergency containment.
6/9/1999	unknown	Agency records indicate a DNR inspector documented at Sites #6 and #11, "behind the buildings a small leak was noted in the air relief lines...the leaks should be repaired... Additionally, a varmint burrow was noted under the pump house at site #17...Trash, consisting of Artificial Insemination (AI) gloves and other instruments, was observed in the lagoons at sites #5, #6, #8 and #11...Remove the trash in the lagoons at Sites #5, #6, #8 and #11. Implement a plan to reduce the amount of AI trash entering the lagoons."

8/13/1999	unknown	NOV #0775NE: On July 22, 1999, an underground pipeline ruptured at a T intersection and caused wastes to surface, which then spilled into a drainageway and public road right of way. Two emergency dams were constructed to contain the spill. DNR wrote, "waste surfaced from a spilt underground T connector and traveled a significant distance, several hundred yards...PSF claimed the drainageway was dry. PSF reported the volume of the wastewater that entered the road ditch to be 300 gallons. Based upon the saturation of the field below the T and the distance the wastewater traveled prior to entering the ditch, the actual release was certainly significantly greater than the 300 gallons...Additionally, the inspector was told that all the wastewater had been removed from the drainageway. However, two small pools of wastewater remained and were discovered by the inspector during the onsite investigation."
9/15/1999	unknown	Agency records indicate an underground pipeline ruptured and wastes surfaced in gravel County Road 460, "Due to departmental concerns with the placement of this line in a County Road and the associated heavy truck traffic, and further incidents may require actions to protect the line from undue stress or the rerouting of the portion of the line that runs down the public road."
10/21/1999	-----	Agency records indicate a DNR inspector documented, "It was evident by the burn residue north of the lagoon at Site #11, that a pile of brush, trees, and shrubs, along with an old farm building and machinery had been pushed into a pile and burned... the burning of the old farm building is considered demolition project waste and is prohibited...Cease all open burning."
12/7/1999	>1,000	Agency records indicate a plugged pipeline backed up into a breeding building and spilled an unknown quantity of wastes into, and partially through, the emergency containment structure due to a leaking valve. "The plugged line was a result of a few dead pigs and placenta [afterbirth]."
1/8/2000	5,100	Agency records indicate a plugged pipeline spilled wastes out of a confinement building into a diversion ditch and then into emergency containment. An emergency dam was constructed below the leaking containment to contain the spill.
4/4/2000	-----	<p>"NOV #0834NE: "Failure to Perform Stormwater Monitoring Within 24 Hours of Land Application"</p> <p>NOV #0835NE: "Failure to Report Other Chemicals Used at the Facility"</p> <p>NOV #0838NE: "Failure to Submit Accurate Discharge Monitoring Reports (DMRs) of the July 28, 1999, Discharge from Whitetail Facility"</p> <p>DMR Report on the 1999 Annual Records Review: "PSF failed to accurately report the required parameters from wastewater discharges as required by the existing permit. During a July 28, 1999, discharge of processed waste into Sandy Creek from the Whitetail facility, NERO [DNR Northeast Regional Office] staff collected samples for ammonia. The results of the NERO samples at the down gradient property boundary were nearly 500 times as high as those listed in the [company] report for the same day at the same sample location."</p> <p>Ten of eleven facilities reviewed were determined to be in noncompliance."</p>
5/19/2000	unknown	Agency records indicate a DNR inspector documented, "Excessive trash was noted in the pump houses at sites 5, 6, & 7. Excessive trash was noted in the lagoons at sites 1, 3, 4, 5, 6, 8, & 10. Trash in the pump houses consisted of Artificial Insemination (AI) gloves and other minor debris. Trash in the lagoons, consisting of AI gloves and other instruments, [and] dead immature swine in the lagoons of sites 3, 6, 8, 10, and miscellaneous debris such as a light bulb and ink pens at site 4 was observed. Continual efforts need to be made to control the amount of trash in the pump houses and lagoons...The valve for the secondary containment 14b has a leak, which allowed processed waste to bypass the designated containment system...At the time of the inspection, a leaking riser was noted by the inspector...At site 11, there was a pile of [spilled] grain, which appeared to be several inches deep, under one of the feed bins... Several areas of excessive erosion were noted during the inspection."

8/10/2000	7,500	Agency records indicate a plugged pipeline spilled wastes out of a farrowing [birthing] barn into the stormwater diversion and then into emergency containment. A DNR inspector noted, "It was stated that the cause for the overflow was a production employee had allowed a plastic bag containing rubber gloves to be flushed and this bag had stopped up the drainage pipe in the building."
8/17/2000	unknown	Agency records indicate a DNR inspector documented, "There was excessive trash in the lagoons, consisting of AI [Artificial Insemination] gloves, other instruments, trash bags, and dead immature swine...At Site 6, there was severe erosion found below the secondary containment structure's discharge pipe that needs to be corrected. There was liquid organic matter by feed bin B2 at the loading chute at Site 6 that needs to be cleaned up...The valve for the secondary containment structure for Cooley Mega Nursery was leaking, which allowed for an uncontrolled release from the designated containment system."
9/10/2000	10,000	Agency records indicate a plugged pipeline between the barns and lagoon backed up wastes and flooded buildings then spilled into emergency containment.
12/7/2000	-----	Agency records indicate a DNR inspector documented, "Excessive quantities of trash and debris were noted in the pump houses at Sites #10, #4, and #13. Trash and debris noted in the pump houses at Sites #10, #4, and #13 should be removed and disposed of properly...All spilled feed at Sites #3 and #13 should be removed immediately to prevent vector attraction."
4/18/2001	-----	Agency records indicate a DNR inspector documented, "At Site 5, there was severe wind/wave erosion found on the interior of the eastern side of the lagoon berm that needs to be corrected. At Site 6, there was wind/wave erosion damage noted on the interior of the berm that needs to be corrected as well. At Site 7, erosion damage was noted in the stormwater diversion area located on the eastern side of the barns."
8/8/2001	1,000	Agency records indicate a center pivot waste irrigator got "stuck in the ditch" for approximately five minutes and spilled wastes into the drainage on company property. Emergency dams were constructed to contain the spill
9/27/2001	9,100	Agency records indicate a tractor pulling a tank wagon of liquid wastes lost control on a county gravel road and overturned, spilling all of its contents onto Field ID #666.
11/6/2001	unknown	Agency records indicate a DNR inspector documented, "the land application map was not current...Trash consisting of dead piglets, plastic bags and/or Artificial Insemination materials was observed in the lagoons of Sites 2-6, 8, 11, and 14. Routinely remove trash and dead piglets from the lagoons...Stabilize the erosion in and around the containments at Sites 5, 6, and 10. Repair the ruts in the containment basins at Sites 5, 6, and 10. Repair the rut atop the western berm at Site 8. Repair the rut in the inslope of the lagoon at Site 11...Evaluate the apparent seep around riser #134 near the lagoon at Site 14." The facility was determined to be in noncompliance.
11/7/2001	-----	"Agency records indicate a DNR investigator wrote, "as discussed the NERO [Northeast Regional Office] has identified several occasions in which the land application map was not current. I did a quick review of the individual [inspection] files for the Site Specific Permits at PSF and found the following... Inspection Date / Site 11-06-01 Terre Haute—land application over last four days not reflected on map 10-11-01 Hedgewood—several days of application in new season, no map yet on site 08-08-01 Whitetail—prior days (sic) application by contract app not reflected on map 08-01-01 Green Hills—land map could not be located by PSF env. staff to inspect 06-11-01 Peach/Perkins—map was not current from October 2000 app on FI 08-28-00 Somerset—map was not current."
12/23/2001	10,000	Agency records indicate a plugged pipeline between a barn and lagoon backed up into and spilled wastes from the barn into emergency containment.
3/9/2002	1,000	Agency records indicate a plugged pipeline backed up into a barn and spilled wastes into emergency containment.

5/11/2002	5,000	Agency records indicate plugged pipelines backed up into the barns and spilled wastes into an emergency trench that was constructed to contain the spill.
5/11/2002	1,000	Agency records indicate a plugged pipeline backed up into a barn and spilled wastes into emergency containment.
5/30/2002	500	Agency records indicate a DNR inspector documented, "The inspection was conducted during normal business hours and with prior notification to facilitate entry... Upon arrival, Mr. Boxley [PSF] informed the inspector that he had discovered a leaking field riser near the lagoon at Terre Haute site #4 during his inspection of the site. The field riser was not properly sealed and had leaked approximately 500 gallons of wastewater into a secondary containment structure... Upon arrival, the inspector noted that water was leaking through the cap on the secondary containment drainpipe... The department has not received a revised Operation and Maintenance Manual from Premium Standard Farms nor has the department granted approval to the facility for exceeding the land application rate listed in the permit."
6/24/2002	>1,000	Agency records indicate a dead pig plugged a pipeline, which backed up into a nursery barn and spilled wastes into a series of emergency trenches constructed to contain the spill.
8/11/2002	>1,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. "The wastewater exited from the farrowing [birthing] barn on the A-side of the containment barns along where the sill meets the building foundation. The release occurred along the entire length of the building on one side."
9/3/2002	40,020	Agency records indicate a plugged pipeline backed up into a nursery barn and spilled into emergency containment. During the investigation, the DNR investigator also documented, "Along the east end of the southernmost confinement building, next to the risers accessed to run the sewer cleanout apparatus, a small volume of wastewater had surfaced. The volume was estimated at 20 gallons. The source of the wastewater could not be ascertained."
10/9/2002	>1,000	Agency records indicate a plugged pipeline backed up into a breeding/gestation barn and spilled wastes into emergency containment.
10/17/2002	1,600	Agency records indicate a broken underground pipeline connection at a field riser. Wastes backed up into the barns and spilled into a temporary emergency pit that was constructed to contain the spill.
1/23/2003	1,500–2,000	Agency records indicate a plugged pipeline in a nursery barn spilled wastes into temporary emergency pits that were constructed to contain the spill; the wastes froze in place.
1/30/2003	>1,000	Agency records indicate a plugged pipeline in a nursery barn spilled wastes into emergency containment.
4/2/2003	>1,000	Agency records indicate a plugged pipeline in a barn spilled wastes into an emergency pit that was constructed to contain the spill.
5/29/2003	unknown	Agency records indicate a DNR inspector noted, "Clean up the feed spill at Bin A3 at Terre Haute 14. Fix the drip from the secondary containment structure at Terre Haute 14."
8/29/2003	-----	Agency records indicate a DNR inspector noted, "Ensure the feed spillage at the facility is routinely cleaned up, and repair the broken [feed] tube between bin B7 and the production barn at Site #3."
9/18/2003	2,000	Agency records indicate a plugged pipeline spilled wastes from Barn B into emergency containment.
10/8/2003	2,200	Agency records indicate a plugged pipeline backed up into a barn and spilled wastes into emergency containment.

10/15/2003	6,800	Agency records indicate a DNR investigator observed, "The area where the incident occurred was viewed. [A PSF employee] explained that it was believed that the incident occurred because a small pig entered the line from the barn and became wedged in the line. [He] stated that the line was viewed using visual equipment and a small pig was viewed in the line...It was noted that several of the BioCap® lagoon covers were deteriorating and [he] stated that some were scheduled to be replaced."
11/12/2003	6,000	Agency records indicate a plugged pipeline backed up into the Barn B nursery and spilled wastes into emergency containment. Two emergency pits were also constructed to help contain the spill.
12/10/2003	<1,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
1/30/2004	>1,000	Agency records indicate a plugged pipeline backed up into a barn and spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
3/14/2004	<5,000	Agency records indicate a plugged pipeline in a nursery barn spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
4/3/2004	unknown	NOV issued: Agency records indicate a plugged pipeline backed up wastes into a building and spilled into the emergency containment system, which failed. The spill proceeded into a dry drainage and onto neighboring property. Three emergency pits on company property and two emergency pits on neighboring property were constructed to contain the spill. The failed berm around emergency containment was rebuilt.
5/18/2004	3,000–5,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment.
6/30/2004	>1,000	Agency records indicate a plugged pipeline spilled wastes from the nursery barn into emergency containment. DNR did not respond on site to investigate the incident.
7/31/2004	1,000	Agency records indicate a plugged pipeline between a breeding barn and a lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/31/2004	>1,000	Agency records indicate a leaking underground pipeline near the waste lagoon surfaced up to the ground and spilled into emergency containment.
12/26/2004	2,000	Agency records indicate an attic pipeline froze and cracked, spilling wastes into the barn and into emergency containment.
12/27/2004	3,000	Agency records indicate an attic pipeline froze and cracked, spilling wastes into the barn and into emergency containment.
1/25/2005	3,000	Agency records indicate a plugged pipeline backed up into a barn and spilled into emergency containment.
12/13/2005	5,000	Agency records indicate a ruptured pipeline spilled wastes from a barn into emergency containment.
1/12/2006	5,000	Agency records indicate a DNR investigator documented, "Mr. Boxley [PSF] stated that a plugged line had caused wastewater to be released from the barn. The process waste then entered the stormwater diversion. Mr. Boxley stated that the waste did not leave the property or go into secondary containment." The investigator traveled to the site and further documented, "The wastewater had exited the barn and most of the flow had entered the stormwater diversion system. However, some of the wastewater had flowed west across the roadway and entered a cultivated field. There is no emergency containment to contain the flows in this drainageway. Premium Standard Farms staff had dug two pits in the field to contain the wastewater... Premium Standard Farms had dug a containment pit within the stormwater diversion to keep the wastewater from entering the secondary containment structure."
2/2/2006	5,000	Letter of Warning: Regarding the spill of January 12, PSF "Failed to install a secondary containment structure downgradient of a confinement building, as required by Special Conditions #26 of Missouri State Operating Permit #MO-0118761."

4/27/2006	-----	Agency records indicate a DNR inspector documented, "The lagoon at Site #14 had trash and dead pigs in it."
6/1/2006	3,000	Agency records indicate a "[PSF employee] explained that a plug had occurred in the line between the [nursery] barn and lagoon causing the level of the wastewater in the barns to rise. Eventually the wastewater flowed over the barn foundations and entered the storm water diversion." An emergency dam was constructed to contain the spill.
7/13/2006	1,500-2,000	Agency records indicate a plugged pipeline backed up into a nursery barn and spilled wastes into emergency containment.
8/7/2006	-----	Agency records indicate a major fire destroyed the Terre Haute Cooley Mega Nursery, killing an unknown number of baby pigs.
8/19/2006	1,200-1,500	Agency records indicate a broken pipeline spilled wastes into emergency containment.
8/22/2006	1,000	Agency records indicate a plugged pipeline backed up into a birthing barn and spilled wastes into emergency containment.
10/11/2006	5,000	Agency records indicate a broken underground pipeline between the barn and lagoon spilled wastes to emergency containment.
10/26/2006	10,000	Letter of Warning: On September 22, a plugged pipeline backed up into and spilled wastes from four barns into two emergency containments. Some of the spilled wastes bypassed emergency containments, flowed downgradient over a road, and entered a crop field and drainageway. Multiple emergency dams were constructed to help contain the spill. PSF "Failed to install a secondary containment structure downgradient of a confinement building, as required by Special Conditions #26 of Missouri State Operating Permit #MO-0118761."
12/27/2006	>1,000	Agency records indicate a plugged pipeline overflowed a barn and spilled wastes into emergency containment.
1/9/2007	2,000	Agency records indicate a plugged pipeline spilled wastes from a nursery barn into emergency containment.
1/26/2007	3,000	Agency records indicate a plugged pipeline spilled wastes out of a barn into emergency containment.
1/31/2007	2,000	Agency records indicate a plugged pipeline at a breeding barn spilled wastes into emergency containment.
2/28/2007	>3,000	Agency records indicate a plugged pipeline in a birthing barn spilled wastes into emergency containment.
3/15/2007	5,000	Agency records indicate a plugged pipeline spilled wastes from a barn into emergency containment. DNR did not respond on site to investigate the incident.
5/24/2007	-----	Agency records indicate a DNR inspector noted, "Remove and properly dispose of trash and dead pigs from lagoons as discovered."
6/28/2007	1,000	Agency records indicate a plugged pipeline spilled wastes from the barn into emergency containment. DNR did not respond on site to investigate the incident.
8/25/2007	1,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
10/28/2007	2,000	Agency records indicate a plugged line spilled wastes from a barn into emergency containment. DNR did not respond on site to investigate the incident.
11/3/2007	115,900	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.

11/13/2007	11	Agency records indicate a DNR inspector noted, "While conducting the inspection, at Terre Haute #5 a plug in the barn resulted in approximately 10 gallons of wastewater leaking out of the back of the barn...During the inspection at Terre Haute #3 a plug in the barn also resulted in approximately one gallon of wastewater leaking out of the back of the barn...Remove and properly dispose of trash and dead pigs from lagoons as discovered...The facility should repair the holes in the tin at Terre Haute #8 and #6 to prevent feed from spilling out. Clean up spilled feed as discovered and properly dispose."
11/13/2007	50,000	Agency records indicate a plugged pipeline spilled wastes from a barn into emergency containment.
12/7/2007	8,000–10,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
2/4/2008	>1,000	Agency records indicate a plugged pipeline spilled wastes from a barn into emergency containment.
4/29/2008	10,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
6/4/2008	10,000	Agency records indicate a plugged pipeline spilled wastes from a breeding barn into emergency containment.
7/8/2008	2,000	Agency records indicate a plugged pipeline spilled wastes from a breeding barn into emergency containment.
10/15/2008	1,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
10/22/2008	10,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
10/31/2008	1,500	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
11/17/2008	2,000	Agency records indicate a plugged pipeline spilled wastes from Barn G. Wastes were contained below the barn. DNR did not respond on site to investigate the incident.
2/13/2009	15,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment.
2/16/2009	1,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment.
4/7/2009	1,500	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
5/11/2009	2,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment.
6/8/2009	unknown	Letter of Warning: Agency records indicate that on May 15, a DNR inspector documented that pooled wastewater below an emergency containment tested high for ammonia. The inspection report states, "The facility failed to prevent a release of process wastewater from a secondary containment structure...Caused pollution of a tributary of West Locust Creek...A collapsed animal burrow was observed on the west side of the biosolids storage basin...The damaged area must be filled in with clay, compacted, and vegetated...Remove and properly dispose of trash and dead pigs from lagoons as discovered...Clean up spilled feed as discovered and properly dispose."

6/16/2009	4,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
9/8/2009	50	Agency records indicate a hose fitting failed during land application and spilled wastes through a buffer zone and into a pond. DNR did not respond on site to investigate the incident.
10/19/2009	100	Agency records indicate overapplication and runoff during land application on Field 48 spilled wastes into the right of way of County Road 175. Emergency trenches were constructed to contain the spill.
10/28/2009	5,000	Agency records indicate a plugged pipeline spilled wastes from a breeding and gestation barn into emergency containment.
10/30/2009	10,000	Agency records indicate a plugged pipeline spilled wastes from a nursery barn into emergency containment.
11/10/2009	1,000	Agency records indicate a plugged pipeline in the gestation barn spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
11/25/2009	7,000	Agency records indicate a plugged pipeline spilled wastes from a birthing and gestation barn into emergency containment. DNR did not respond on site to investigate the incident.
11/29/2009	3,000	Agency records indicate a plugged pipeline at a nursery barn spilled wastes from the barn into emergency containment.
12/14/2009	5,000	Agency records indicate a plugged pipeline in a nursery barn spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
12/19/2009	1,500	Agency records indicate a plugged line backed up into a barn and spilled wastes out of the exhaust fans into emergency containment. DNR did not respond on site to investigate the incident.
1/13/2010	1,000	Agency records indicate a plugged pipeline spilled wastes from a breeding barn that were contained by constructing an emergency dam prior to reaching emergency containment. DNR did not respond on site to investigate the incident.
2/15/2010	10,000	Agency records indicate a plugged pipeline spilled wastes from a birthing barn into emergency containment.
3/20/2010	5,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
4/12/2010	-----	Agency records indicate a DNR inspector documented, "The area below the secondary containment structure at Site #3 was eroded...There was an erosion gully (sic) behind the production barns at Site #1 near the pump house...There was an eroded area next to the pump house at Site #6...The inner slope of the berm of the final irrigation basin at the Advanced Nitrification Denitrification (AND) site has some wind/wave erosion and should be repaired...Animal dens were observed in the lagoon berms at Sites #8 and #10...Feed spills were observed at a few of the sites...Trash and dead pigs were observed in the lagoons at several of the sites."
5/6/2010	25,000	Agency records indicate a plugged pipeline in a nursery barn overflowed and spilled wastes into emergency containment.
6/23/2010	100	Agency records indicate a pipeline ruptured during land application and spilled wastes into the public right of way of Highway KK south of Field 8. An emergency dam was constructed to contain the spill.
7/6/2010	3,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.

7/20/2010	1,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
7/21/2010	2,000	Agency records indicate a broken attic pipeline spilled wastes from a barn into emergency containment. DNR did not respond on site to investigate the incident.
7/31/2010	4,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/24/2010	5,000	Agency records indicate that an irrigation riser was left open in Field 56 during land application in Field 67 that spilled wastes into a drainageway. Two emergency dams were constructed to contain the spill.
9/1/2010	2,000	Agency records indicate a plugged pipeline between the barns and a lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
9/16/2010	2,500	Agency records indicate a plugged drain pipeline in a nursery barn spilled wastes from the barn into emergency containment.
9/22/2010	2,500	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
9/29/2010	5,000	Agency records indicate a plugged pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
11/6/2010	2,500	Agency records indicate a plugged pipeline backed up into a barn and spilled wastes out of a pipeline riser and into emergency containment. DNR did not respond on site to investigate the incident.
12/6/2010	1,200	Agency records indicate a plugged pipeline backed up into a nursery barn and spilled wastes that froze before reaching the emergency containment system.
1/4/2011	5,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
1/23/2011	10,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
6/8/2011	-----	Agency records indicate a DNR inspector noted, "Feed spills were observed at several of the sites...Trash was observed in the lagoons at some of the sites and around a couple of the pump houses."
6/24/2011	5,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/27/2011	1,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
9/7/2011	-----	Agency records indicate a DNR inspector noted, "A few dead pigs were observed in the lagoon at Site #13... Failed to properly dispose of dead animals in compliance with the dead animal disposal regulations of the Missouri Department of Agriculture."
12/2/2011	-----	Agency records indicate a DNR inspector documented, "Some trash was observed along the top of the berm at site #10 and within the lagoons at sites #2, #3, #5, and #13. Pieces of the lagoon cover were observed on the berm at site #5. Ensure that trash in and around the lagoons is removed as discovered and properly disposed."
12/12/2011	600,000	Agency records indicate a broken pipeline in the pump house spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.

3/3/2012	700	Agency records indicate a plugged drain in a barn spilled wastes into emergency containment.
3/28/2012	-----	Agency records indicate a DNR Annual Records Review of PSF records noted, "The second item of the cover page was discussed, which is the estimated amount of manure, litter and wastewater generated in the previous twelve months. During the review of the individual facilities, it was found that this number was often higher than the design flow listed on the facility's Missouri State Operating Permit...Total gallons land applied was higher than the design flow."
3/28/2012	-----	Agency records indicate a DNR Annual Records Review of PSF records noted that the company failed to report the suspected causes of high ammonia readings [indicative of hog waste] in the company's emergency containment systems as required by their Missouri State Operating Permits. Nine facilities were determined to be in noncompliance.
4/18/2012	-----	Agency records indicate a DNR inspector documented, "Trash, primarily consisting of semen tubes, was observed in the lagoons at all the sites except the two mega nurseries. Dead pigs were observed in the lagoons at Sites #1-3, 5-7, 10, 13 and 14. [The inspector] observed ten or more dead pigs in each lagoon at Sites #3 and 14...Failed to properly dispose of dead animals in compliance with the dead animal disposal regulations of the Missouri Department of Agriculture...Future non-compliance may result in elevated enforcement actions...[The inspector] observed broken anchors or other damage to the lagoon covers at Sites #2, 5-8, 10, 11 and the Terre Haute Mega Nursery." The facility was determined to be in noncompliance.
8/21/2012	-----	Agency records indicate a DNR inspector noted, "Ensure that the feed spills at the Terre Haute and Cooley Mega Nurseries are cleaned up."
5/7/2013	-----	Agency records indicate a DNR inspector documented, "Trash was observed in and around several lagoons. Ensure that the feed spills at the Terre Haute sites #4, 7, 10, and 11 are cleaned up."
9/5/2013	-----	Agency records indicate a DNR inspector noted, "Both the morning and evening checklists at site #3 was filled out before noon of the day of the inspection. The morning and evening checklist at site #6 failed to document the time the inspection was conducted. Trash observed in and around several lagoons. Ensure that the feed spills at the Terre Haute sites #5, 6, 7, 11, 13, the Cooley Mega Nursery and the Terre Haute Mega Nursery are cleaned up."
10/17/2013	2,500	Agency records indicate a plugged pipeline spilled wastes towards emergency containment. An emergency dam was constructed to contain the spill. DNR did not respond on site to investigate the incident.
11/15/2013	-----	Agency records indicate a DNR inspector noted, "Ensure that the feed spills at the Terre Haute sites #1, 2, 6, and the Cooley Mega Nursery are cleaned up. Ensure that the [animal] burrow at Terre Haute site #10 is filled in. Ensure that the erosion gully at Terre Haute site #8 is filled in."
2/25/2014	2,000	Agency records indicate a broken fresh water line spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
2/25/2014	2,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes that froze in place or flowed into emergency containment. DNR did not respond on site to investigate the incident.
6/4/2014	10,000	Letter of Warning: Agency records indicate that during land application on May 8, an underground pipeline joint separated and spilled wastes into the facility's freshwater lake, a tributary of West Locust Creek. An emergency dam was constructed to help contain the spill.
8/18/2014	-----	Agency records indicate a DNR inspector documented, "Trash was observed in and around several lagoons. Feed spillage observed on the ground and under bins at sites #3, 4, 5, 14."

11/5/2014	-----	Agency records indicate a DNR inspector documented, "Emergency spillways at Sites 1, 5, 7, 11, & 13 were rutted. Erosion ditch at toe of lagoon to the secondary containment at Site 6. Feed spillage observed under bins at sites #1, 4, 14. Some tin at the bottom of the production buildings were rusted through."
4/23/2015	-----	Agency records indicate a DNR inspector noted, "Ensure that trash is removed from the lagoons as discovered and properly disposed. Ensure the feed spills at the Terre Haute sites #3, 7, & 13 are cleaned up. Ensure the erosion gully along the toe of the [lagoon] berm at Site 6 is filled."
5/4/2015	1,500	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes that were contained by an emergency dam before reaching the emergency containment system. DNR did not respond on site to investigate the incident.
6/30/2015	1,500	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes that were contained by construction of an emergency dam before reaching the emergency containment system. DNR did not respond on site to investigate the incident.
7/15/2015	1,500	Agency records indicate a pipeline spilled wastes that were contained by an emergency pit before reaching the emergency containment system. DNR did not respond on site to investigate the incident.
7/15/2015	10,000	Letter of Warning: Agency records indicate that on June 19, blown gaskets on an underground pipeline spilled wastes during land application activities. The wastes flowed onto three neighboring properties and into a tributary of West Locust Creek. Two emergency dams were constructed to contain the spill.
7/20/2015	unknown	Letter of Warning: Agency records indicate that on July 6, a plastic liner in the Advanced Nitrification-Denitrification (AND) System floated to the top of the waste basin blocking the overflow pipe and spillway. Wastes overflowed and spilled across Field 47 onto neighboring property causing pollution of Rooks Branch. An emergency dam was constructed on the neighboring property to contain the spill.
8/15/2015	1,500	Agency records indicate a broken pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/22/2015	2,500	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes that were contained by the construction of an emergency dam. DNR did not respond on site to investigate the incident.
11/6/2015	10,000	Agency records indicate a broken pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
3/22/2016	unknown	Letter of Warning: On February 18, agency records indicate that dead pigs were found floating in three lagoons. A DNR inspector documented, "I observed trash in each lagoon, which was primarily made up of semen tubes, aerosol cans and hog markers. I observed at least 25 dead pigs in the lagoon at Site #1 and at least 20 in the lagoon at Site #3...I found that all of the morning and evening checklists at each site indicated that there was no trash in the lagoons when trash or dead pigs were observed in all lagoons...I observed deep ruts caused by tractor tires were on the top of lagoon berms and within the emergency spillways at a majority of the sites...I observed holes in the berms caused by burrowing animals at Site #7." Pooled blood was observed on the ground in the mortality offloading area. According to Smithfield's response, "during January and February 2016, the Terre Haute farm experienced a severe PRRS (Porcine Reproductive and Respiratory System virus) outbreak which resulted in the death of some of the sows and many piglets."
9/12/2016	1,200	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes that were contained by the construction of an emergency dam before reaching the emergency containment system. DNR did not respond on site to investigate the incident.
11/17/2016	1,500	Agency records indicate a broken pipeline riser spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.

1/30/2017	2,000	Agency records indicate a plugged pipeline between the barns and lagoon spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
2/2/2017	-----	Agency records indicate a DNR inspector noted, "Feed spills observed at multiple sites. Ensure that feed spills are removed and properly disposed when discovered."
2/13/2017	1,200	Agency records indicate a plugged pipeline between the barns and lagoons spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
2/15/2017	1,200	Agency records indicate a plugged pipeline between the barns and lagoons spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
5/2/2018	unknown	Agency records indicate a DNR inspector noted, "Ensure that blood and fluids from mortalities are collected and properly disposed when discovered. Ensure that feed spills are removed and properly disposed when discovered."
5/28/2019	-----	Agency records indicate a DNR inspector noted, "Ensure that feed spills are removed and properly disposed when discovered. Ensure that machinery is not allowed on the lagoon berms during saturated conditions to prevent structural damage to the lagoon berms."
1/9/2020	-----	Agency records indicate a DNR inspector noted, "Ensure that machinery is not allowed on the lagoon berms during saturated conditions to prevent damage to the lagoon berms. Ensure that the ruts on the lagoon berms at Sites 1, 8, and 11 are graded and vegetation established."