



SRAP

Spill Characteristics and DNR Enforcement Efforts at Valley View 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
335,550	28	7	25%	15,979	11,185	1	1	20	71%	333,000

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).

VALLEY VIEW—REPORTED WASTE SPILLS AND VIOLATIONS

DATE	ESTIMATED GALLONS SPILLED	DESCRIPTION
08/28/1995	unknown	(08/28/1995,09/03/1995,09/08/1995)—Agency records indicate a series of spills, emergency containment failures, and at least three fish kills when plugged pipelines spilled waste into Mussel Fork Creek (at least 206,370 aquatic mortalities along 10.7 miles of stream). Multiple emergency dams were constructed to contain the spill. Inspectors revealed fraudulent construction and failure to report spills as required.
9/11/1995	unknown	Agency records indicate that a DNR inspector observed, "Several facilities were noted to have clean out riser pipe caps missing...At least one facility required a clean out riser pipe to be replaced. The riser was noted to have a hole in it apparently due to being hit during mowing activities...one clean out riser at site #15 may be leaking. The ground was moist during extremely dry conditions. Maintenance personnel should check the line and make any necessary repairs...The [DNR] Water Pollution Control Program is reviewing as-built plans and specification for this facility to determine deviations from the plans and specifications submitted with the construction Letter of Approval application." Facility site #7 was determined to be in noncompliance.
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>

Ten of eleven facilities reviewed were determined to be in noncompliance."

4/26/2000	-----	U.S. EPA NOV issued: U.S. EPA issues PSF a Notice of Violation of the federal Clean Air Act alleging that PSF annually emits several hundred tons of potentially hazardous air pollutants including hydrogen sulfide and particulate matter from its hundreds of confinement buildings and open-pit waste lagoons. USEPA also cites PSF's failure to apply for air pollution permits as required by law.
4/8/2004	>1,000	Agency records indicate the cap on a waste irrigation pipeline riser blew off and spilled wastes that were flushed into emergency containment.
3/15/2006	1,000	Agency records indicate a valve was accidentally left open at the facility's Crystal Peak Plant, spilling wastes into emergency containment. DNR did not respond on site to investigate the incident.
4/11/2006	unknown	Agency records indicate that after a waste irrigation pump shut off, wastes spilled out of the pump vault and into emergency containment. DNR did not respond on site to investigate the incident.
10/11/2007	1,000	Agency records indicate a broken hose during waste transfer near digester #5 spilled 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.
3/13/2008	>1,000	Agency records indicate a broken fitting at an irrigation pump house spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
5/19/2008	1,000	Agency records indicate a plugged line spilled wastes from a barn. Wastes were contained by an emergency dam. DNR did not respond on site to investigate the incident.
6/3/2008	5,000	Agency records indicate a leaking cleanout riser in the pipeline system spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/1/2008	unknown	Agency records indicate a plugged pipeline spilled wastes from barn #5 into emergency containment.
10/6/2008	50	Agency records indicate that land application entered a buffer zone and spilled wastes into a road right of way. The spill ran along the road for approximately 100 yards. Emergency pits were constructed to help contain the spill.
6/23/2009	1,000	Agency records indicate a plugged barn pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/20/2010	30,000	Agency records indicate a plugged pipeline spilled wastes from barn #4 into emergency containment. DNR did not respond on site to investigate the incident.
12/10/2010	2,000	Agency records indicate a broken underground pipeline spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
12/14/2011	unknown	Agency records indicate a ruptured garden hose used as a recycle line in barn #3 spilled wastes between the foundation and wall into emergency containment. DNR did not respond on site to investigate the incident.
3/22/2012	2,000	Agency records indicate a plugged pipeline in a barn spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
3/27/2012	100,000	Agency records indicate a failed float switch spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
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.
8/27/2012	2,500	Agency records indicate a plugged pipeline in a barn spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.

1/8/2013	150,000	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.
7/17/2013	500	Agency records indicate that employees failed to close a valve and a "sludge truck" spilled wastes onto county gravel roads and soaked into the ground in the watershed of a tributary of Mussel Fork Creek.
7/26/2013	6,000	Agency records indicate a broken pipeline at the pump house spilled wastes. An emergency dam was constructed to contain the spill. DNR did not respond on site to investigate the incident.
2/26/2014	unknown	Letter of Warning: Agency records indicate that on November 19, 2013, multiple flow control devices failed during a waste transfer between lagoons and spilled swine wastes into a tributary of Mussel Fork Creek. An emergency dam was constructed to contain the spill.
5/21/2014	3,000	Agency records indicate a broken pipeline between the lagoon and barns spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
8/29/2014	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.
9/13/2015	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.
2/21/2016	20,000	Agency records indicate a broken water line filled the pit under the building and spilled wastes into emergency containment. DNR did not respond on site to investigate the incident.
11/5/2019	-----	Agency records indicate a DNR inspection report noted, "Ensure that the eroded area on the Site #2 lagoon berm is repaired to prevent further damage...Ensure that feed spills are removed and properly disposed when discovered."
10/27/2020	-----	Agency records indicate a DNR inspector documented, "Feed spills were observed at multiple sites. Ensure that feed spills are removed and properly disposed when discovered."
1/4/2021	unknown	Agency records indicate that two barns collapsed at the Valley View facility. DNR did not respond on site to investigate the incident.