

BNSF Doon Derailment Timeline

6/22/18	DNR receives report of a Burlington Northern Santa Fe (BNSF) train derailment/oil spill just south of Doon, IA in Lyon County.
6/22/18	Lyon County Sheriff, Emergency Management Coordinator, EPA, DNR, and BNSF are onsite and form Incident Command Team. Downstream areas notified.
6/25/18	BNSF reported the track is back in service.
6/26/18	BNSF's Incident Status Summary: <ul style="list-style-type: none">● Boom Deployed: 7,850 ft● 8 Frac Tanks in use● 8 Vac Trucks involved in skimming operations● 4 Vac Trucks involved in transfer operations● 9 Rolloffs of oiled sorbents/oiled materials, general trash, woody debris, oiled hard boom
6/28/18	DNR approves variance and amends permit to allow direct burial of oil spill waste to Dickinson Co. Landfill
6/29/18	Per the TestAmerica report issued on 7/3/18, initial waste samples were collected on this date.
7/2/18	NWIA Landfill approves of oil spill waste to go to Dickinson Co. Landfill. All other waste generated as a result of spill clean up must go to NWIA Landfill.
7/3/18	Waste Flow authorization by DNR to dispose of petroleum contaminated waste at Dickinson Co. landfill (This was approval for the waste to be transferred from the site to the WM site, rather than the NWIA landfill. This is not to be confused as approval by the DNR of waste testing done by TestAmerica...the DNR is not required to review and approve analytical testing for waste loads sent to landfills, but rather that is between the landfill and the waste generator (WM and BNSF in this case) to ensure that hazardous wastes are not sent to a landfill).
7/5/18	DNR interview on KSOU (Sioux Center) radio program. Topics include the train derailment, environmental impact, cleanup, etc.
7/5/18	Soil Sampling Plan approved by DNR and all other agencies involved. This is not required, but a procedure that BNSF utilizes in their plan for soil sampling.
7/9/18	DNR received BNSF's request to discharge treated water from the Doon derailment site. The release of petroleum crude oil from breached rail cars into flood water resulted in impacted surface water which requires treatment and discharge.

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7/10/18	Per the TestAmerica Report issued 7/14/18, additional waste samples were collected on this date.
7/11/18	BNSF Railway stated that less oil spilled from derailed tanker cars than originally believed. BNSF spokesman Andy Williams said officials now believe 160,000 gallons of tar sand oil spilled from 10 of 32 tanker cars that derailed on June 22 into flood waters of the Little Rock River near Doon. Officials had previously said 14 tanker cars were compromised, spilling an estimated 230,000 gallons.
7/11/18	BNSF's Dewatering (Wastewater) Discharge Plan approved by DNR
7/11/18	Loads started to Dickinson County Landfill
7/12/18	BNSF's Alluvial Aquifer Characterization Work Plan approved by DNR
7/13/18	Per the TestAmerica Report issued on 7/18/18, additional waste samples were collected on this date.
7/17/18	Ed Fallon, Cristine Nobiss, and David Thoreson, representing bold, Iowa visit DNR Spencer Field Office to discuss Doon Derailment.
7/18/18	Mardi Allen, Dickinson County Board of Supervisors, contacted DNR with landfill question
7/19/18	DNR received reports of trucks hauling oil contaminated waste through downtown Spirit Lake. An alternate route is recommended. BNSF agrees to change route.
7/23/18	Congressman Steve King's office contacts DNR with questions about who approved waste to go to the Dickinson Co. Landfill.
7/23/18	Mardi Allen contacts DNR with questions about Dickinson Co. landfill, oil spill waste and approval process for landfill to take waste.
7/24/18	Rep. John Wills contacts DNR with questions about the type of crude oil that was spilled and where contaminated waste will be sent.
7/25/18	Sioux City Journal article regarding Dickinson County landfill and Board of Supervisors letter to the Governor.
7/26/18	FO3 investigated complaint alleging oil running across haul road at the landfill. Confirmed this was not oil, but a leachate seep.
7/26/18	KUOO Radio in Okoboji contacts DNR wanting to know about oil spill waste going to Dickinson Co. landfill and whether or not it is safe to be disposed of in the landfill.
7/30/18	Iowa Public Radio media contact

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7/31/18	Representative Megan Jones contacts DNR with questions about the material being delivered to the Dickinson County Landfill.
8/3/2018	<p>Incident Status Summary from BNSF:</p> <ul style="list-style-type: none">● Decontamination activities ongoing as needed● Removal and collection of impacted vegetation continues● Impacted corn collection is almost complete● Recovery of boom is complete● Soil Sampling Plan is approved, and sampling is expected to be completed by August 3rd● Received Iowa DNR Discharge Authorization for the Treatment System, which is currently in operation● Oiled wildlife, if captured, is being sent to Wildlife Lodge and Clinic in Sioux City, IOWA. OWCN is off site.● Obtained Iowa DNR approval of Alluvial Aquifer Characterization Workplan and began to implement Thursday July 12● 8 monitoring wells have been installed and are being sampled weekly, for now.● Began transfer of oiled material off site for disposal at Waste Management - Dickinson County Landfill● National Transportation Safety Board and Federal Railroad Administration field inspection completed <p>Recover #'s: Oil & Water Recovered as of 7/26/18: 178,278 gallons Product Transferred as of 7/26/18: 688,444 gallons</p> <p>Waste Disposed of at WMI- Dickinson County as of 8/318:</p> <ul style="list-style-type: none">○ Soil impacted with crude oil (excavation): 574.97 tons○ Vegetation impacted with crude oil (wood chips & corn): 816.74 tons○ Vegetation and soil impacted with crude oil (surface scraping): 1,285.81 tons○ Absorbents and oily debris (includes rail car jackets): 87.70 tons○ Total: 2,765.22 tons (258 loads)
8/4/18	<p>NWlowa.com article describing recent meeting with BNSF and Dickinson County Board of Supervisors.</p>