

FACILITY SHUTDOWN CLEANING

Western Iowa
April 2018 - May 2018

In the spring of 2018, Seneca Companies Waste Solutions Services was hired to clean a candy factory in western Iowa that went out of business. Seneca cleaned the facility's seven syrup tanks, removed large amounts of syrup from two containments and emptied two silos that were full of sugar.



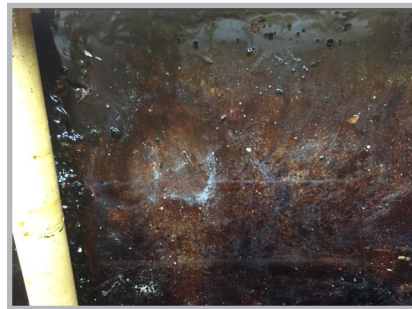
Two silos, containing 300,000 pounds of sugar, needed emptied.

Seneca's Waste Solutions personnel entered the empty syrup tanks via confined space entry through the manway. The seven tanks were cleaned using Seneca's hydroblasting truck at 5,000 psi and rinse waters were collected with Seneca's vacuum truck.



Seneca originally attempted to use a vac hose to clean the three to four inches of thick syrup, but dry ice ended up being used to freeze the substance.

To clean the two containments full of syrup, Seneca hand-applied dry ice to the substance, causing it to freeze. Seneca then used jack hammers to crack and break up the frozen syrup and scooped out the chips.



The syrup-coated concrete before cleaning.



The concrete after the syrup had been chipped away.



The thick syrup next to a portion that had been cleaned.



The Complete Solution

Lastly, Seneca removed 300,000 pounds of sugar from the two 120-foot indoor and outdoor silos using pickaxes and air movers.



Six-inch field tile and picks were used to clean the two silos.



Pickaxes were used to remove sugar.



Seneca offloaded the sugar from the air mover truck into super sacs.

It was a challenge to clean and remove the mass quantity of material, but Seneca completed the project successfully, leaving the customer satisfied.

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