



After spreading the water from the first load there was now an additional two jets to work with.. Because I had overloaded the system my jets were plugged, but by closing the door and reversing the vacuum pump to pressure I could effectively unclog my jets. I could do this because the agitator system is connected to the passenger side valve of the vac tank with a 4" hose. After this I now effectively

agitated the remaining shale using only minimal fluid and spreading once. Take you time and examine the pictures. Notice that before the second and final load the shale is still from the middle of the tank and forward and just over top the pipe and that there is a hard crust of sand at the bottom . Page 3 shows you the results of the Gallup System in an extreme demonstration. Each load agitating was never longer than ten minutes. I used these pictures to document what I can do with the agitator step by step, from the worst case scenario.



I intentionally overloaded the system to prove that even if the pump and jets are completely submerged in shale there is a way to clean the tank with minimal effort. With proper procedure this agitator can be a vac truck driver's best friend. Imagine never having to shale out again.