

2.2 Process Description

The Main Yard for Port City Sabine Holdings, LLC. located at 8010 S. 1st Ave. "Site" is ("The Site"). The Site is approximately 250 acres next to Sabine Lake. This Site already has a rock crushing air permit this is not part of this permit by rule. This permit will soon be closed. Ships and barges can dock next to Site and unload cargo by a large water crane. Super sacks of cement and soda ash are unloaded from ships onto the Site that may weigh up to approximately 2 tons each with a crane on the water. The super sacks are waterproof and completely enclosed. The super sacks will be unloaded from the ships directly into the trucks by a water crane in a totally enclosed process. Once loaded it will either be trucked offsite or placed into an enclosed warehouse or silo on the concrete covered Site. Two (2) Bag Busters are located inside the steel warehouses. When needed the supersacks are transferred and loaded into one of the enclosed bag busters (DP #1) via forklift. At the discharge point a WAM model 400 Dust Collector (Bag Filter) is also utilized to capture loading emissions. The super sacks will be dropped into the Bag Buster with a forklift and then travel into the auger. Once the supersack is loaded into one of the hoppers, the sack is mechanically opened by blades located within the bag buster and the cement falls into the Auger. Two (2) augers will be completely enclosed. The cement will be dropped from the augers DP #2 (Auger) directly into the dump trucks. The dump trucks will be covered and travel offsite. Approximately 5% of the super sacks may bust while on a ship before they are unloaded. In this case, the remaining cement and fly ash will be placed into the covered roll off boxes while on the ship. Then the roll off boxes will be lowered by a crane onto the dock and trucked off Site. The facility's operations will be in a metal steel warehouse building on-site and therefore will be fully enclosed.