

CHITOLIE TRUCKING SERVICE, NPDES Reconnaissance Stormwater Inspection (SWI) Photo Album; 11-2-2022 Walkthrough

A. Observations that revealed potential non-compliance with regulations implementing the CWA and TPDES Stormwater Rules during the SWI Walkthrough



IMG 760-Storage cell with sand situated about mid-way along the eastern border of the Facility. Cell is exposed to rain and stormwater runoff flow.



IMG 762-Storage cell with gravel situated next to sand storage. Storage area exposed to stormwater runoff flow, leading to wash-off of material.



IMG 767-Bags of cement stored immediately next to aggregate (sand & gravel) cells. Some bags were ripped, with cement spilled onto ground.



IMG 768-Observed that the cement bags and spilled cement sits in the stormwater flow path. Cement spilled will be washed-off by stormwater runoff.



IMG 765-Close-up of cement and gravel in the path of stormwater flow that drains toward the retention



IMG 766-Close-up retention pond, and deposited spent concrete used to form a berm.



IMG 763-Observed dry-weather flow coming from the ready-mix concrete plant and drained towards the pond.



IMG 764-Path of dry-weather flow from the ready-mix concrete plant running across the yard towards the retention pond.



IMG 773-Edge of the pond where spent concrete to a berm. The berm ineffective because a dry-weather flow drained from the pond. and out of the Facility. wastewater).



IMG 774-Dry-weather flow the pond drains away from the pond across the yard towards the lower entrance/exit, transporting pollutants (e.g., industrial wastewater).



IMG 775-Dry-weather flow being discharged from Facility through the lower entrance/exit.



IMG 777-Dry-weather flow leaving the Facility and out into the public road.



IMG 778-View of dry-weather flow event occurring and running along left side of the road downhill in the stormwater flow path along the road.



IMG 776-Evidence of stormwater flow path from a staging area for fuel-tanker trucks, dump trucks other heavy equipments before draining off-site.



IMG 786-View of ready-mixed concrete loading bay, the wider ready-mixed manufacturing plant, situated adjacent to the Admin Office.



IMG 780-Close-up of the ready-mixed concrete loading bay, inclined down towards the public road.



IMG 781-View of the ready-mix loading bay, upper entrance/exit and stormwater flow path out of the Facility and into the public road.



IMG 782-Evidence of track-out of pollutants from Facility and into the public road. Path of stormwater runoff leaving the Facility from upper entrance/exit.



IMG 771-Accummulation of spent auto batteries situated on floor of maintenance shed in potentially managed under incompatible conditions.



IMG 769-Container in which the Facility's used oil is collected and stored on-site. Improper housekeeping conditions observed and documented.



IMG 772-Facility's fueling terminal situated in path of stormwater flow. No containment in area where vehicles are staged for fueling service.



IMG 785-Accumulation of water beneath ready-mix concrete batch plant related to operations of the system. Source of a dry-weather flow observed.



IMG 783-Close-up of accumulated water beneath the batch plant, and point where dry-weather flow observed began.



IMG 784-Observed totes of chemical additives with connective application hoses by stormwater into the ready-mix concrete manufacturing process.

B. Identified outfalls for the discharge storm water associated with industrial activity from the Facility, as observed during SWI Walkthrough on November 2, 2022.

Outfall 1



Outfall 1 – Discharge of stormwater flow from the upper driveway into area stormwater drainage system, then into Cane Garden Bay

IMG 782-Discharge point where stormwater runoff flow from around the Ready-Mixed Concrete Plant loading bay and vicinity of the Administrative Building are combined and discharged into the public road through the upper entrance/exit. Stormwater flow drains into Fig Tree Ghut, and Cane Garden Bay downstream.

Outfall 2



Outfall 2 – Discharge of stormwater flow from the lower driveway into the area stormwater drainage system, then into the Cane Garden Bay

IMG 777- Discharge point where stormwater runoff flow from the central area (shallow retention pond) combined with flow from the northwestern (truck parking area) of the Facility and discharged into the public road through the lower entrance/exit. Stormwater flow drains into Fig Tree Ghut, and Cane Garden Bay downstream.