

WESTIN FRENCHMAN'S REEF INSPECTION
PHOTO ALBUM
September 25, 2024 CEI Facility Walkthrough

PART A. Observations that revealed potential non-compliance with requirements and conditions of the Permit, as documented during the 2024 Inspection.



IMG 1369-Plant Operation Area of Facility, where dispensing of lubricants, chemicals, and storage of used oil are carried out. Evidence that materials spills had recently occurred in the area.



IMG 1371-Facility's Reverse Osmosis Plant (ROP) in the Plant Operations Area. The inclined paved floor allows drainage of spillages out of the section into an area exposed to stormwater runoff flow.



IMG 1374-Drums of chemical used in operations of Facility's ROP in a Loading/Unloading Bay (LUB)¹.



IMG 1373-Identification of the chemical reagent on labels affixed to the container.

¹ The area at the Facility where receipt of materials from vendors are delivered, and packaged items leaving the Facility are loaded to be transported off-site.



IMG 1379-Calcium carbonate and other chemicals improperly stored and unprotected from potential damage by operated vehicles in the LUB of Facility.



IMG 1376-Close-up of calcium carbonate spilled on pavement, exposed to rain and stormwater runoff and that will be readily washed-off.



IMG 1381-55-gallons drums of aged chemicals in the LUB area unprotected from being damaged by operated vehicles.



IMG 1380-Existing stormwater flow path in LUB area, that drains down gradient towards the Back-Of House (BOH)² area and into stormwater catch basins just downstream.

² Area of a Hotel/Resort or Restaurant kitchen where food preparation, storage, and business administration are carried-out. Customers and do not directly interact in such an area.



IMG 1382-A spent cooking oil collection station in the BOH. Evidence revealed sand saturated from spent cooking oil exposed to stormwater runoff.



IMG 1384-Stormwater flow path down gradient drain into a stormwater catch basin that discharges into Outfall 002.



IMG 1386-Evidence of dry-weather flow from BOH transporting oil-saturated sand into the stormwater catch basin, which drains into Outfall 002.



IMG 1387-Containers of material used by Dockside Water Sports (DWS)³ on premises of Facility is not protected within an appropriate containment.

³ Operators of a marine recreational service catering to the guests of the Frenchman's Reef. DWS' agreement with Frenchman's Reef includes storage of materials required for operations of the company's business activities. The corporate office of DWS in USVI is at 5000 Estate Enighed, St. John, VI 00830.



IMG 1388-Fuel tank exposed to weather conditions also owned by DWS, not within a containment.



IMG 1389-Stormwater inlet to a Pacquereau Bay outfall is situated just upstream of the DWS setup.



IMG 1392-Evidence of algal growth in water that appears to be sipping through a concrete wall and ponds on the lower paved floor of the WWTP. The water is pumped from a sump basin into nearby Pacquereau Bay.



IMG 1393-Flexible shoots connected to the base of grit screen units staged on the upper floor of the WWTP. Screened grit from the units is transferred via the shoots into plastic buckets for disposal.

PART B. Permitted outfalls identified and observed during the 2024 Inspection, through which the Facility discharges pollutants into receiving water bodies identified in the Permit.



**SAMPLING
POINT**

IMG 1389-Outfall 001B conveys wastewater from floor of WWTP into shoreline of Pacquereau Bay. No identification signage erected, and inlet of the associated catch basin was unprotected. Drainage of potentially contaminated wastewater from up-hill sources will readily enter the catch basin.



OUTFALL 003

IMG 1403-Outfall 003. Brine reject from the industrial operation of the ROP. The waste stream is discharged into Morning Star Bay from a designed waterfall along the northeastern side of the Facility.



IMG 1402-Outfall 002. A 6-inch PVC pipe conveys stormwater runoff from uphill areas of Facility operations, including the LUB and BHA activities of the Facility. Discharges directly into Pacquereau bay.



OUTFALL A

IMG 1406-Outfall A. Conveyance through which a combination of treated wastewater from the WWTP (applied as vegetation irrigation) and stormwater runoff during rain events are discharged into Morning Star Bay.



PVC PIPELINE FROM
SUMP BASIN TO WALL.
END OF PIPE DISCHARGE
TO SWALE (BEYOND
WALL)

IMG 1393-*Outfall B*. PVC pipeline through which algae-laden water from floor in WWTP area is pumped into swale, that in turn drains into shoreline of nearby Pacquereau Bay.