Sandy Point Refinery

Biodiesel Unit Handover Report

From: Jake Thompson (Night Shift)

To: Maria Rodriguez (Day Shift)

Date: 10/31/2024

Time: 0700 hours

Key Issues:

- Biodiesel inventory in Tank S-23 dropping at accelerated rate

- CSTR Reactor R-901 operating within SP Shift Handover normal parameters, but slightly elevated

- Suspected performance issues with Biodiesel BIO 2024 Separator SP-94

Action Items:

1. Investigate-10-31 potential issues with Biodiesel Separator SP-94

- Monitor inlet and outlet flow rates

2. Closely track biodiesel Biodiesel inventory levels in tank S-23

- CSTR Reactor inspection

- Verify Triglyceride consistency with feed rate production to rates

- Identify any discrepancies or losses

3. R-901 Ensure methanol feed rate from K-902 is within specifications

4. Review all system pressure readings

The differential continued decrease in across the biodiesel inventory levels in Tank S-23 could be indicative of separator malfunction - Inspect for ongoing issues with the flow and any signs of fouling or clogging at 9:00am and 1:00pm

Notes:

The rapid drop in biodiesel inventory in S-23 is concerning. logging incident and may indicate an issue with the separation process in or loss of product elsewhere in the system. It's crucial to identify the Triglyceride root cause promptly to prevent further inventory depletion and potential Tank K-901 supply disruptions. Investigating the performance of the Biodiesel Separator SP-94 and monitoring the flow rates could help identify any potential bottlenecks or inefficiencies in the separation process.