I. SUMMARY OF EVENT:

At approximately 11:45 AM on March 23, 2023, Phillips 66 Terminal Operations smelled Ethanol and noticed a small puddle of milky brown/yellow colored substance. An Ethanol release was identified with a quantity of less than one barrel in an area located along the line between the Ethanol storage Tank 3951 and the truck loading rack. Operations used absorbent pads to mop up the puddle and absorbent boom socks to contain the area and immediately isolated Tank 3951 which feeds the Ethanol line to the truck rack, made internal notifications, secured equipment (vacuum truck, bins, backhoe etc.) from contractors and exploratory excavation began to investigate the possible source. At 7:04 PM we calculated a volume of 75bbls released and subsequently a leak was detected on a girth weld at the bottom of the Ethanol line. Phillips 66 immediately notified the CCHSHMP and Cal OES.

II. AGENCIES NOTIFIED, INCLUDING TIME OF NOTIFICATION:

CCHSHMP Phone (925) 655-3232 at 7:09 PM
Cal OES (800) 852-7550 at 7:33 PM, CNTRL #: 23-2165
CCHSHMP Jocelyn Stortz (925) at 7:45 PM
CCHSHMP Amanda Ackerman (925) at 8:01 PM

III. AGENCIES RESPONDING, INCLUDING CONTACT NAMES AND PHONE NUMBERS:

CCHSHMP Nick Umemoto (925) 665-3224
CCHSHMP Amanda Ackerman (925) 335-3242
CCHSHMP Devra Lewis (925) 665-3222
IV. EMERGENCY RESPONSE ACTIONS:

As soon as the Ethanol release was identified, operations from the Ethanol Tank 3951 and the Ethanol line to truck rack were ceased and started to investigate the source. A vacuum truck was used to recovered approximately 70 barrels of liquid from the exploratory excavation and the soils removed from the excavation were placed in a lined bin with a tight-fitting lid for properly disposal.

FACILITY: Phillips 66 Richmond Terminal

V. IDENTIFICATION OF MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES:

Approximately 75 barrels of Denatured Ethanol were released

VI. METEOROLOGICAL CONDITIONS AT TIME OF EVENT including wind speed, direction, and temperature:

Wind speed 15 MPH, direction NW to SE, and temperature at 55 °F

VII. DESCRIPTION OF INJURIES:

None

VIII. COMMUNITY IMPACT including number of off-site complaints, air sampling data during event, etc.:

None

IX. INCIDENT INVESTIGATION RESULTS

Is the investigation of the incident complete at this time? ____ X ____ Yes ____ No

If the answer is no, submit a 30-day final or interim report.

If the answer is yes, complete the following:

X. SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

A leak was detected on a weld at the bottom of the Ethanol line to truck rack.

XI. SUMMARIZE PREVENTATIVE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION:

On March 24, 2023, a PLIDCO clamp was used to encapsulate the leaking Ethanol line. As a permanent fix in the future, Phillips 66 Richmond Terminal is planning to replace the damaged section of the line.