

Air Emission Event Report Database Incident 463231

Incident Tracking Number:	463231	Incident Status:	OPEN			
Report Type:	FINAL	Report Date:	08/18/2026			
Name of Owner or Operator:	WESTERN REFINING TERMINALS LLC	CN:	CN604485763			
Regulated Entity Name:	MARATHON EL PASO REFINERY	RN:	RN100213016			
Physical Location:	6501 TROWBRIDGE DR; EL PASO, TX 79905					
County:	EL PASO					
Event/Activity Type:	EMISSIONS EVENT					
Date and Time Event Discovered or Scheduled Activity Start:	08/04/2026 08:00 PM					
Date and Time Event or Scheduled Activity Ended:	08/05/2026 03:30 AM					
Event Duration:	7 hours, 30 minutes					
Process Unit or Area Common Names						
Tank 4118						
Facility Common Name		Facility Identification Number (FIN)				
Tank 4118		38				
1 - Emission Point Common Name:		Emission Point Number:				
Tank 4118		38				
List of Air Contaminant Compounds - 13 total						
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization	
1,3-BUTADIENE	14.2	POUNDS	1.25	LBS/HR	93546	
2-Butene-trans	1703.5	POUNDS	1.25	LBS/HR	93546	
2-Methyl-1-butene	677.2	POUNDS	1.25	LBS/HR	93546	
Cis-2-butene	90.0	POUNDS	1.25	LBS/HR	93546	
Hydrogen Sulfide	15.3	POUNDS	0.0		No specific authorizations for this facility	
Isobutane	3810.5	POUNDS	1.25	LBS/HR	93546	
Isobutene	1869.1	POUNDS	1.25	LBS/HR	93546	
Isopentane	1454.1	POUNDS	1.25	LBS/HR	93546	
isopentene	691.9	POUNDS	1.25	LBS/HR	93546	
n-butane	869.2	POUNDS	1.25	LBS/HR	93546	
n-pentane	159.7	POUNDS	1.25	LBS/HR	93546	
Propane	1911.7	POUNDS	1.25	LBS/HR	93546	
Propylene	10066.2	POUNDS	1.25	LBS/HR	93546	
Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:						
The investigation into the incident is ongoing but preliminary findings indicate that on August 4, 2026, an electrical issue caused the Fluid Catalytic Cracker (FCC) charge pumps to trip, leading to a shutdown of the FCC. During the restart activities that followed, abnormal process conditions in the FCC's Gas Plant resulted in light hydrocarbons remaining in the process stream directed to Tank 4118, an external floating roof tank. This led to light hydrocarbons escaping through the tank's external floating roof rim seal.						
Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:						
Once abnormal process conditions were identified during restart activities, the FCC was idled in accordance with operating procedures to minimize emissions from the tank. The FCC was maintained in a safe and stable condition while startup procedures were reassessed.						
Additionally, to minimize emissions diesel was added to T4118 to absorb or "sponge" the light hydrocarbons and process flows were redirected from Tank 4118 to an alternate tank.						
The investigation into the incident is ongoing, and further recommendations and improvements may be identified pending completion.						
Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:						

Refinery process engineers estimated emissions using data from heat and material balances, process stream composition, and process modeling software. The majority of the emissions that contributed to the RQ occurred in the first two hours of the event.

Notably, the estimated emissions in this report represent total mass emissions, in pounds, at the source (T-4118) and do not reflect ground-level concentrations at or beyond the facility's fence line, which are relevant for assessing community exposure. In response to this incident, Marathon deployed its Air Monitoring Team to compare ambient readings against community exposure guidelines derived from the American Industrial Hygiene Association (AIHA) and EPA. Monitoring continued through August 10, 2026, and the results indicated that air quality levels were below established community exposure guidelines.

Initial Notification Date/Time:	08/05/2026 05:57 PM	Method:	STEERS
Notification Jurisdictions:	REGION 06 - EL PASO		
Publication Status:	VERIFIED BY A CUSTOMER		