



OFFICE OF CIVIL ENFORCEMENT
WASHINGTON, D.C. 20460

CLEAN AIR ACT § 211 GASOLINE VOLATILITY INSPECTION REPORT

Inspection Date	June 1, 2024	
Regulatory Program	Clean Air Act – Gasoline Standards	
Facility Name	Cherry Knolls Shell	
Facility Physical Location	2410 E Arapahoe Road, Centennial, CO 80122	
Facility Contact	(b) (6)	
Report Finalized	TAYLOR WAANDERS Digitally signed by TAYLOR WAANDERS Date: 2024.06.01 15:22:22 -06'00'	Technical Team Lead Fuels Enforcement Branch Air Enforcement Division

I. FACILITY OVERVIEW AND INSPECTION OBJECTIVES

Cherry Knolls Shell , hereinafter referred to as Shell , is retail station located at 2410 E Arapahoe Road, Centennial, CO 80122 and sells gasoline and diesel fuel. Shell has 12 of pumps available to dispense gasoline. The U.S. Environmental Protection Agency (EPA) selected Shell for inspection because it sells gasoline regulated under Title II of the Clean Air Act (CAA). The purpose of the inspection was to evaluate Shell 's compliance with the gasoline standards set forth at 40 C.F.R. Part 1090, Subpart C.

II. INSPECTION ACTIVITIES

The EPA arrived at Shell at 10:35 AM on June 1, 2024 . Inspectors presented their credentials upon arrival and explained the purpose of the inspection. The inspection team received permission to take gasoline samples. The following personnel participated in this inspection:

Name	Title	Organization
Taylor Waanders	Chemical Engineer	U.S. EPA
Griff Brown	Environmental Engineer	U.S. EPA
Cassidy Owen	Chemical Engineer	Eastern Research Group, Inc.
Ryan Diehlmann	Chemical Engineer	Eastern Research Group, Inc.

The inspection team collected and screened field samples. The inspection team shared the results of the field screening and left the facility at 12:15 PM.

III. OBSERVATIONS

Otherwise noted, this section of the report describes what was observed by the inspection team. This report may not capture all operations or activities ongoing at the time of the inspection. This report does not make final determinations on potential areas of concern, and nothing in this report affects the EPA's authorities under federal statutes and regulations to pursue further investigation or action.

A. Field Screening Analysis

	Field Screening Information			Field Screening Results	
Sample ID	Pump Number	Time Sample of Collection ^a	Gasoline Grade	RVPE ^b (psi)	Ethanol ^c (vol%)
1	4	10:46 AM	Regular	7.43	10.2
2	4	10:50 AM	Midgrade	7.32	10.3
3	4	10:54 AM	Premium	7.25	10.3

^aAt least three gallons of gasoline were flushed from pump before field screening sample was collected.

^bField screening results were determined using Grabner analyzer (Serial Number 201-205).

^cField screening results were determined using PetroSpec analyzer (G1309).

Additional samples were collected for field screening results with a measured RVP greater than 7.40 and sent to the EPA's National Vehicle and Fuel Emissions Laboratory for additional testing.