

Coffin Butte Landfill 2024 Expansion Application Odor Dispersion Modeling Study

Coffin Butte Landfill
28972 Coffin Butte Road
Corvallis, OR 97330

SCS ENGINEERS

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1.0 INTRODUCTION

The Coffin Butte Landfill (CBLF) is proposing to expand the waste disposal area of the landfill by using an existing property just south of Coffin Butte Road. The goal of this study was to conduct an odor dispersion modeling analysis that compares the existing and proposed operating scenarios for potential nuisance odor impacts. Since odor is a subjective human response, odor dispersion modeling was used to provide an objective approach towards understanding how on-site emissions of odor potentially impact off-site locations.

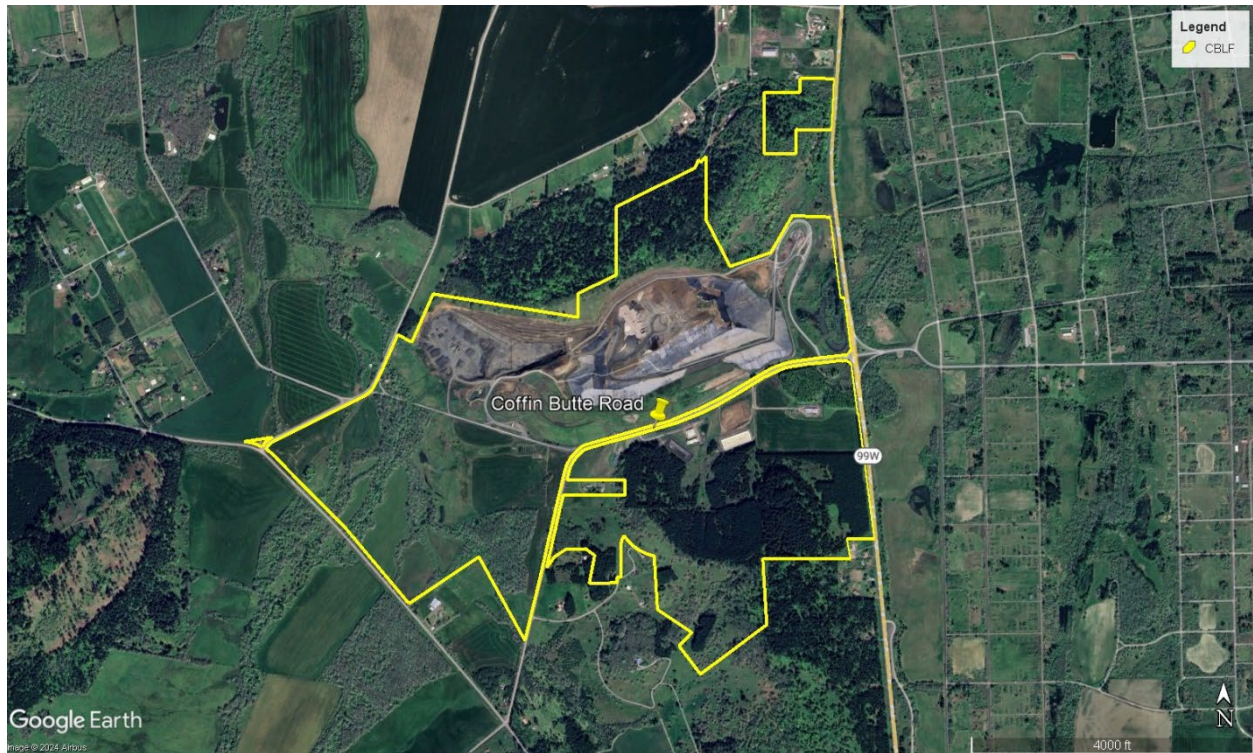
Following this Introduction, Section 2 provides a description of the facility. Section 3 describes the methodology used in this study while Section 4 summarizes the results. Section 5 then presents the conclusions. Finally, the appendices provide supporting documentation.

2.0 FACILITY DESCRIPTION

2.1 LOCATION

The CBLF is located at 28972 Coffin Butte Road in Corvallis, Oregon (Benton County). The facility is located just west of Highway 99W, approximately nine miles north of downtown Corvallis. Coffin Butte Road runs through the facility. See Figure 1 for the CBLF property boundary ^[1].

Figure 1. Facility Location

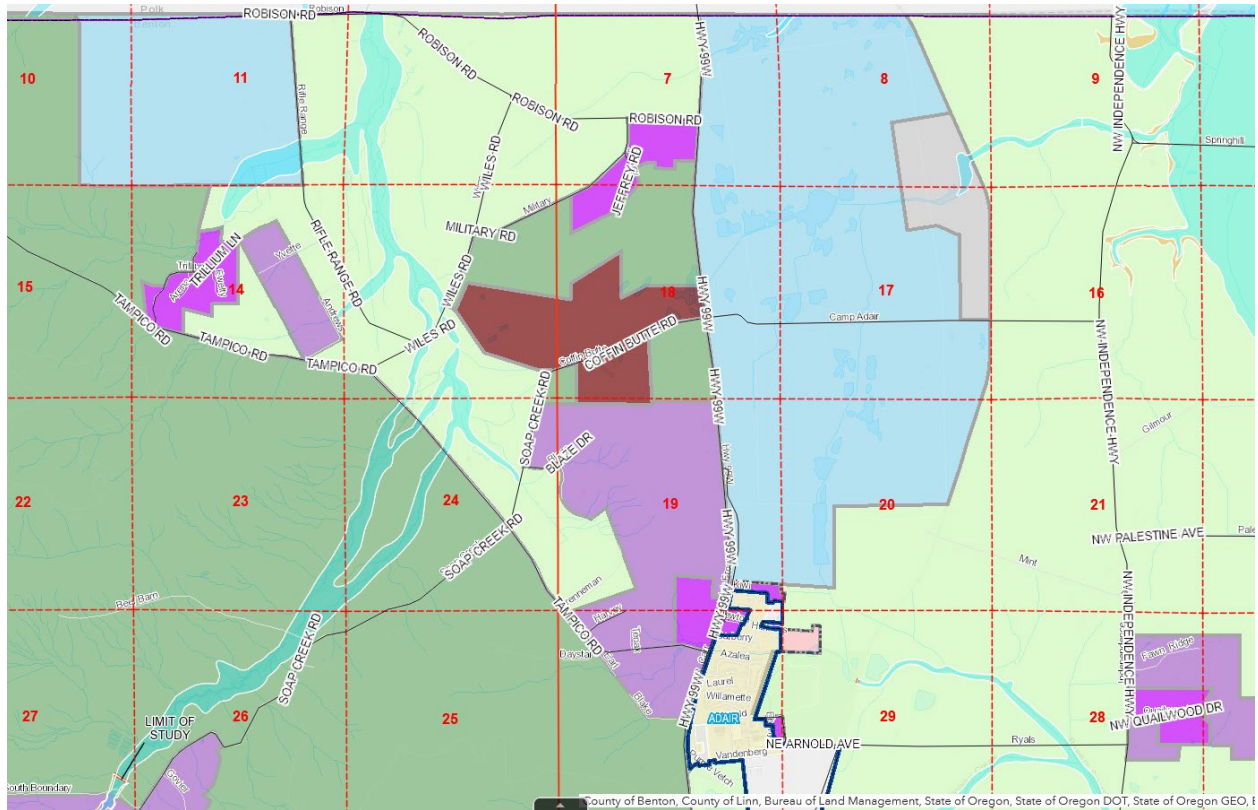


Note: Google Earth imagery from April 18, 2024.

2.2 LOCAL LAND USE / ZONING

Local land usage impacts air dispersion as surface characteristics differ for rural and urban conditions. Local land use near the CBLF is rural based upon the zoning map in Figure 2 [2].

Figure 2. Local Zoning Map



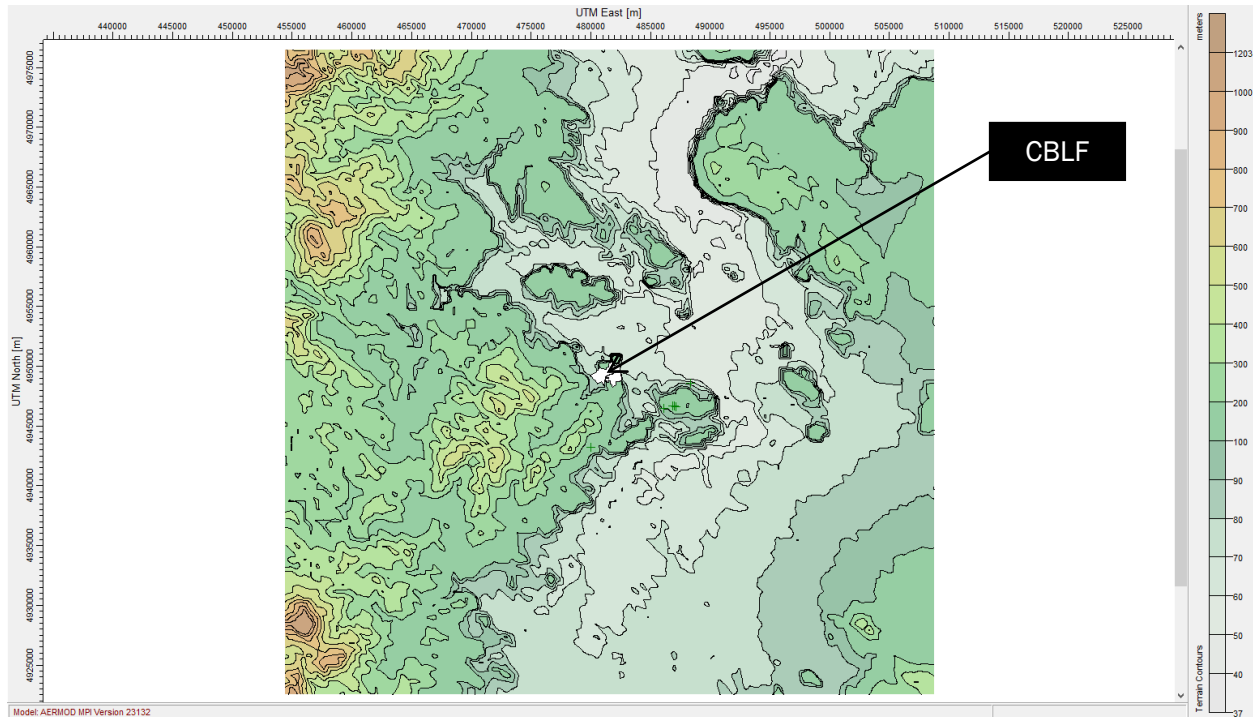
Zoning Color Code Legend:

- Exclusive farm use (light green);
- Forest conservation (green);
- Landfill (brown);
- Open space (light blue);
- Rural residential – 5 acre minimum parcel or lot size (magenta); and
- Rural residential – 10 acre minimum parcel or lot size (light magenta).

2.3 TERRAIN / TOPOGRAPHY

Local terrain also impacts air dispersion as winds can be channeled when flowing through canyons and valleys. In this case, the CBLF is located along the western edge of the Willamette Valley. See Figure 3 for the elevation contours surrounding the landfill [3].

Figure 3. Elevation Contour Map



2.4 CLIMATE AND METEOROLOGY

Local air quality is also impacted by the regional climate and meteorology as weather conditions control the transport and diffusion of emitted pollutants downwind from the release point into the surrounding area. Climate deals with long-term weather patterns while meteorology deals with short-term daily and hourly weather conditions. Nuisance odors are more likely to occur under poor meteorological conditions (e.g., low wind speed and stable wind conditions) that are common in the late night and early morning hours.

2.5 POTENTIAL ODOR ACTIVITIES

CBLF accepts commercial and public solid waste. The waste is placed in layers at the working face, compacted by heavy equipment, and then covered daily. Once an area of the CBLF has reached capacity, it is eventually capped with final cover to minimize infiltration of precipitation and release of gases not captured by the landfill gas collection and control system (GCCS). Odor is potentially emitted from sources such as:

- working face;
- tippers;
- leachate (i.e., water that has passed through the landfill's layers);
- landfill gas (LFG) which is a natural byproduct of decomposing organic material; and
- flares which burn any excess LFG collected by the CBLF.

Flares conservatively combust 98% of LFG sent to them. The 2% of un-combusted odor constituents in LFG is modeled for odors.

2.6 ODOR MONITORING AND CONTROL MEASURES

CBLF has developed and implemented a site-specific odor management plan that includes:

- application of daily cover;
- operating a LFG collection and control system;
- conducting surface emissions monitoring (SEM);
- monitoring local weather conditions (temperature, wind direction, etc.);
- conducting routine odor patrol inspections;
- responding to odor complaints received from the public and/or the Oregon Department of Environmental Quality (DEQ);
- taking action when odors are detected/reported;
- observing the area of concern for smell and conditions;
- inspecting landfill operations for any unusual activities or conditions;
- identifying possible sources of odor; and
- confirming implementation of applicable odor minimization measures.

2.7 ODOR COMPLAINT HISTORY

CBLF maintains a log of odor complaints received from the public and the DEQ. For this study, SCS Engineers (SCS) reviewed the odor complaints from 2022 through 2024 for potential patterns (e.g., time of day, day of week, season of year) as well as potential correlation to concurrent wind conditions measured on-site. For review purposes, each odor complaint log entry (event) was assigned a unique ID (1 through 84) as well as an estimated distance and wind direction from CBLF (e.g., if a complaint location was southeast (SE) of CBLF, then the concurrent wind direction at CBLF would need to be northwest (NW) for correlation). Note, odor event #1 (25 odor complaints between 11/18/21 and 2/7/22) could not be categorized since specific complaint dates/times were not provided.

Based upon the review, the following observations were made:

- Location
 - Complaint locations ranged from the adjacent surrounding area to approximately seven miles from CBLF.
 - Complaint locations varied from not provided to general areas to specific addresses.
 - The most common complaint locations specified were southwest (35%) and south (29%) of CBLF.
 - Complaint locations southwest of CBLF were within a valley whose terrain may be channeling odor from CBLF under certain wind conditions.
 - Populated areas south of CBLF include Adair Village, Lewisburg, and Corvallis.
- Time of Day

- Odor complaints were reported in 16 different hours of the day.
- Odor complaints peaked in the morning between 8:00 am and 11:00 am:
 - 7:00 am to 7:59 am (11%);
 - 8:00 am to 8:59 am (12%);
 - 9:00 am to 9:59 am (12%); and
 - 10:00 am to 10:59 am (7%).
- Complaints in a Single Day
 - Two days each had five odor events (1/18/2024 and 2/3/2024).
 - Two days each had four odor events (5/23/2024 and 12/1/2024).
 - Four days each had three odor events (2/10/2024, 2/20/2024, 4/1/2024, and 12/29/2024).
 - Seven days each had two odor events.
 - Thirty nine days each had one odor event.
- Day of Week
 - Odor events were reported on each day of the week and peaked on Thursday:
 - Thursday (20%);
 - Saturday (19%);
 - Friday (17%);
 - Tuesday (14%);
 - Sunday (11%);
 - Wednesday (10%); and
 - Monday (8%).
- Month and Season of the Year
 - The odor events peaked in December with the top four months being:
 - December (24%);
 - February (23%);
 - August (11%); and
 - January (10%).
 - The odor events peaked in the winter:
 - Winter (46%);
 - Fall (24%);
 - Summer (18%); and
 - Spring (12%).
 - Thermal inversions could be a contributing factor to the odor complaints. Radiation from the sun can heat the ground which in turn can warm the air near the Earth's surface. When warm air expands and cools as it rises, air temperature decreases with altitude. However, a thermal inversion occurs when air temperature increases with altitude. There are two kinds of thermal inversions: surface and aloft. Surface inversions can result in poor air quality (e.g., odors) as pollutants are trapped near ground level, dispersing only horizontally within the inversion. Surface inversions are stronger and more common during the winter months when winds are calm, skies are clear, and nights are long. ^[4, 5] Thermal inversions were not considered when evaluating each individual odor event. Air temperature needs to be measured at different heights to determine if a thermal inversion exists. The on-site meteorological station only collected air temperature data at one height. Any odors trapped within an inversion would still disperse horizontally based upon wind direction..
- Correlation of Odor Complaint to On-Site Wind Data
 - Correlation of odor complaints to on-site wind data took into account several factors including complaint location (distance and direction relative to CBLF), complaint time, and the wind speed/direction at and before the complaint time.

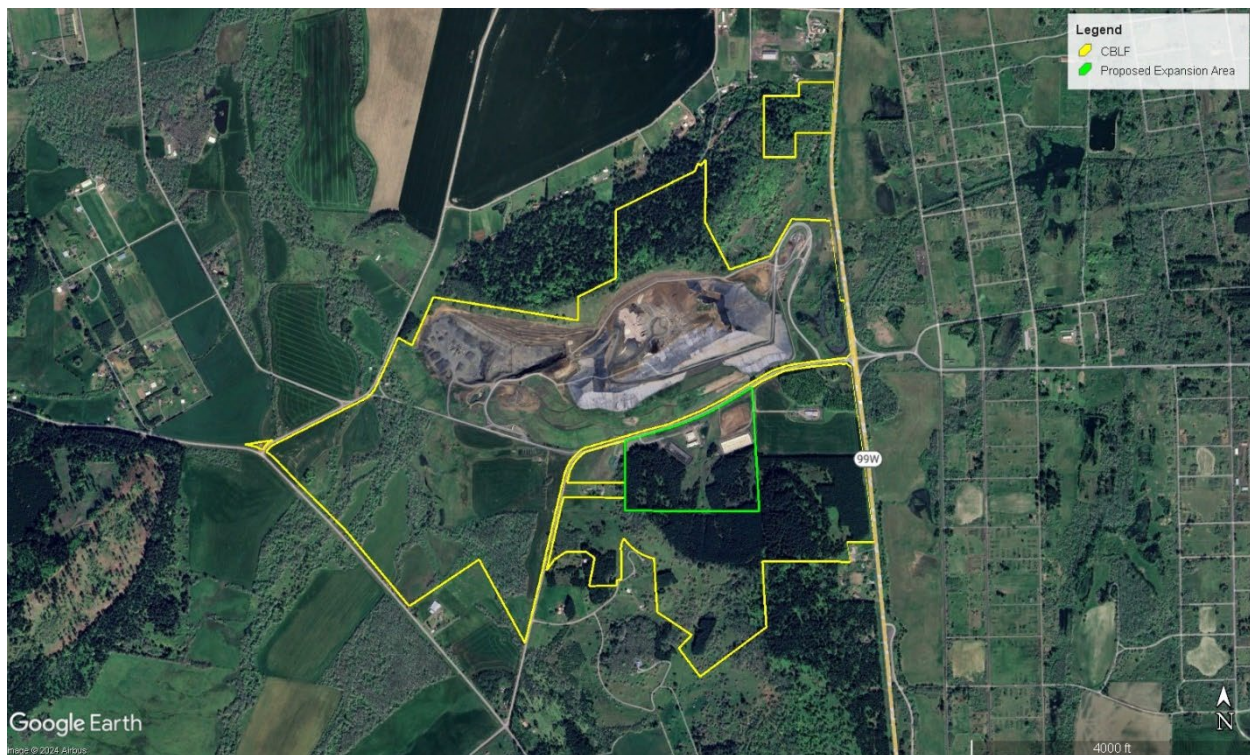
- Odor events were then categorized as follows for correlation:
 - “Likely” based on complaint location and wind conditions (1%);
 - “Not likely” based on complaint location and wind conditions (29%);
 - “Possible” due to ambiguity or lack of data (58%); and
 - “Unknown” due to complaint time not specified (12%).

See Appendix A for the odor complaint review details.

2.8 PROPOSED PROJECT

CBLF is requesting approval of a conditional use permit (CUP) application to expand the area on which landfill activities will be conducted to the south side of Coffin Butte Road (the “Development Site”). In addition to using the Development Site for the landfill, the proposed changes include an 1,800-square-foot employee building and parking on land to the west of the landfill, access road modifications on lands to the north, and the relocation of leachate ponds, leachate loadout, leachate sump, an outbound scale, portions of the perimeter landfill road, the shop/maintenance area, cut activities for landfill, and leachate ponds to support the landfill onto the property to the east (collectively, the “Project”) ^[6]. Figure 4 displays the location of the expansion area in relation to existing operations.

Figure 4. Proposed Expansion Area (Taxlot 104180001107)



2.9 OTHER POTENTIAL SOURCES OF ODOR IN THE REGION

Although this study only addresses potential odor impacts from the CBLF, it is important to note that other potential sources of odor exist in the region including (but not limited to):

- Agriculture.
- Biosolids land application fields (used only in summer months, but not every).
- Compost / organics recycling facility.
- Wastewater treatment plant.

3.0 METHODOLOGY

Since odor is a subjective human response, odor dispersion modeling provides an objective approach towards understanding how on-site emissions of odor potentially impact off-site locations. The following summarizes the methodology used in this study.

3.1 MODEL SELECTION

The American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) (Version 24142 incorporated into the Lakes Environmental AERMOD View 13.0 software suite) ^[7] was used to model estimated emissions of odorous pollutants from the landfill and predict maximum, off-site, 1-hour concentrations for each pollutant using the rural dispersion mode and elevated terrain.

AERMOD was selected for this study since:

- AERMOD is preferred/recommended by the EPA for near-field dispersion of emissions for distances less than 50 kilometers in both simple and complex terrain.
- AERMOD is acceptable to the DEQ for dispersion modeling studies ^[8].
- AERMOD has undergone numerous validation studies.
- AERMOD is in the public domain and is readily available.
- AERMOD can model multiple sources and multiple receptors.
- AERMOD can use representative meteorological data to simulate atmospheric conditions that affect the transport and dispersion of air pollution from sources.
- AERMOD can use local terrain data to model receptors in complex terrain.
- AERMOD can be used to model impacts of odor causing pollutants.

Input data for AERMOD included the following which are described below:

- source parameters (locations, dimensions, emission rates, etc.);
- receptor locations;
- meteorological data;
- terrain data; and
- model options.

See below for details regarding the AERMOD model input.

3.2 SCENARIOS MODELED

In order to estimate odors from the landfill at its current state as well as with the proposed expansion, modeling was performed in two scenarios. The first scenario (Scenario #1) modeled actual operations in 2023 using estimated emission rates from the following resources:

- Revised 2023 Annual Title V Report (October 11, 2024) for criteria pollutants using process throughputs and emission factors that have already been approved by DEQ;
- Revised 2023 Air Toxics Emission Inventory (ATEI) (August 2024) for speciated air toxics and Volatile Organic Compounds (VOCs) using process throughputs and emission factors that have already been approved by DEQ; and

- U.S. EPA LandGEM model (LandGEM) ran for the 2023 ATEI for additional non-toxic pollutants not included above assuming an EPA default 75% collection efficiency and 98% destruction efficiency by the flares¹.

The second scenario (Scenario #2) looked at year 2052, which is the estimated closure year if current tonnages of waste acceptance from 2023 continue. 2052 would also see the highest landfill gas generation rate based on the model. A 75 collection efficiency was used in this scenario as well. The estimated waste design capacity will be 41,110,068 tons including the expansion area.

A third scenario was considered to show a middle point in landfill expansion, but is dependent on the odor results of the first two scenarios to see if needed.

3.3 SOURCE PARAMETERS

Source parameters were used to model the release of odorous pollutants from the fugitive landfill surface, landfill gas flares, the tipper engines, and the aggregate insignificant (AI) source. The AI source is incorporated by DEQ into each criteria pollutant emission total for the facility, taking into consideration sources that are too small to be permitted. This includes: cell development, operation and closing; tipping and dump truck drops; leachate collection and wastewater treatment; as well as light plants and trash pumps.

In Scenario #1, the fugitive landfill source was located in the currently permitted waste area North of Coffin Butte Road. In 2023, two open (candlestick) flares were present at the landfill, as well as two tipper engines and the AI source.

Scenario #2 is proposed to include a fugitive landfill source in the current permitted area, as well as an expansion area South of Coffin Butte Road. Since 2023, the two open flares have been replaced with one enclosed flare with a landfill gas capacity of 3,390 standard cubic feet per minute (scfm). For a conservative approach, it is assumed that all landfill gas collected is going through this flare even though a landfill gas to energy (LFGTE) plant is on-site and expected to control a significant amount of the gas. The proposed landfill gas generation rate from LandGEM in 2052 would exceed this flare's capacity, but for simplicity all emissions were still modeled from this flare source, as a second flare with similar exhaust parameters would be installed close by if needed. The tipper engines and AI source parameters were not changed in Scenario #2; however, these sources were moved to the expansion area as the final buildout's active face would likely be in this region. The size of the AI source needed to be shrunk in order to fit in the smaller expansion area.

Tables 1 through 3 summarize the source parameters modeled while Figure 5 displays the modeled source locations. Most model parameters were taken from the November 2024 Modeling Report submitted to DEQ for CBLF. A revised extent of waste was used for the fugitive landfill surface source, with sources in the expansion area estimated based on engineering drawings. The fugitive landfill surface was split into squares as explained in Section 3.3.1.

¹ EPA, 2008a. Background Information Document for Updating AP42 Section 2.4 for Estimating Emissions from Municipal Solid Waste Landfills. National Risk Management Research Laboratory, Air Pollution Prevention and Control Division, U.S. EPA. September 2008.
<http://www.epa.gov/ttn/chief/ap42/ch02/draft/db02s04.pdf>

Table 1. Point Source Release Parameters

Model ID	Description	Elevation above mean sea level (ft)	Stack Height (ft)	Temperature (F)	Exit Velocity (ft/s)	Stack Diameter (ft)
EFLARE	Enclosed Flare	245.8	40	1,600	39.5	11.68
TIP2	Tipper Engine #2	301.1	9	1,016.6	57.7	0.66
TIP3	Tipper Engine #3	301.3	7.5	927.1	24.3	0.66

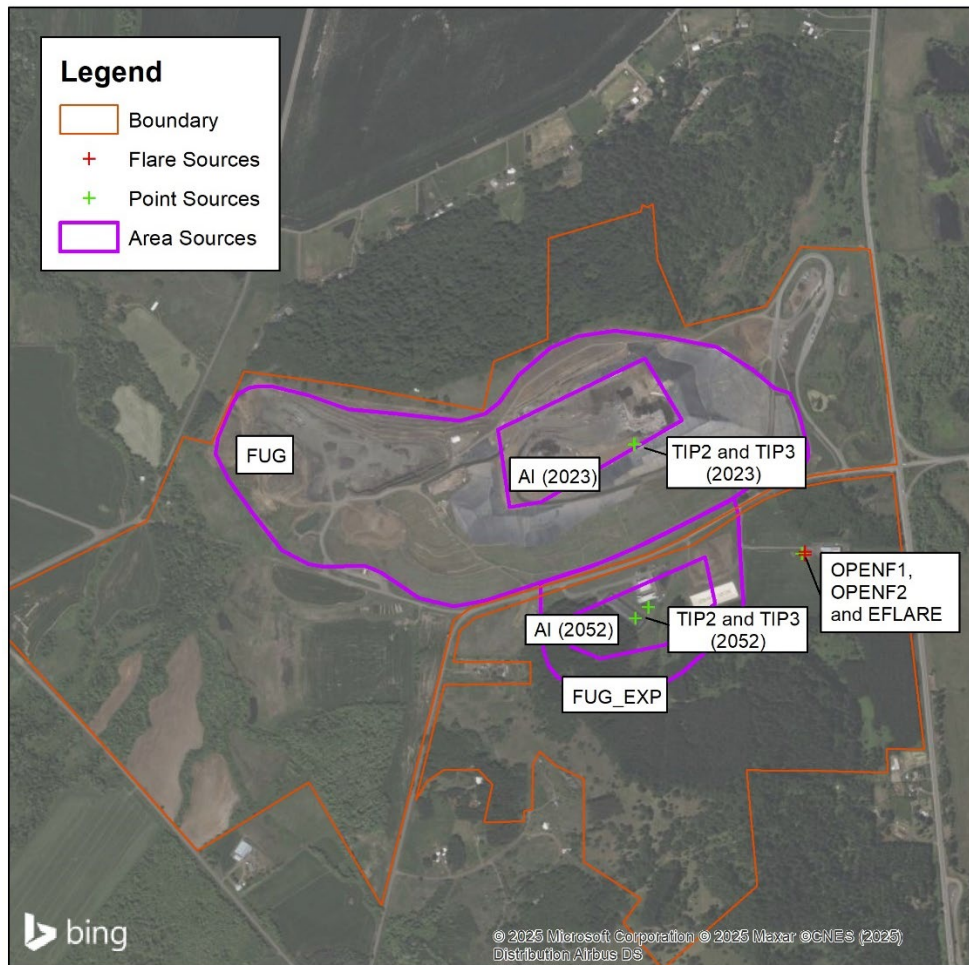
Table 2. Flare Source Release Parameters

Model ID	Description	Elevation above mean sea level (ft)	Effective Release Height (ft)	Temperature (F)	Exit Velocity (ft/s)	Stack Diameter (ft)
OPENF1	Open Flare #1	242.6	42.26	900	60	0.67
OPENF2	Open Flare #2	242.6	42.26	900	60	0.67

Table 3. Area Source Parameters

Model ID	Description	Elevation above mean sea level (ft)	Area (ft ²)	Release Height (ft)	Initial Vertical Dimension (ft)
FUG (See Section 3.3.1)	Current Fugitive Surface	246	215,278 (roughly)	Various	0
FUG_EXP (See Section 3.3.1)	Expanded Fugitive Surface (2052 only)	246	215,278 (roughly)	Various	0
AI (2023)	Aggregate Insignificant	281.6	1,132,482	0	0
AI (2052)	Aggregate Insignificant	281.6	668,917	0	0

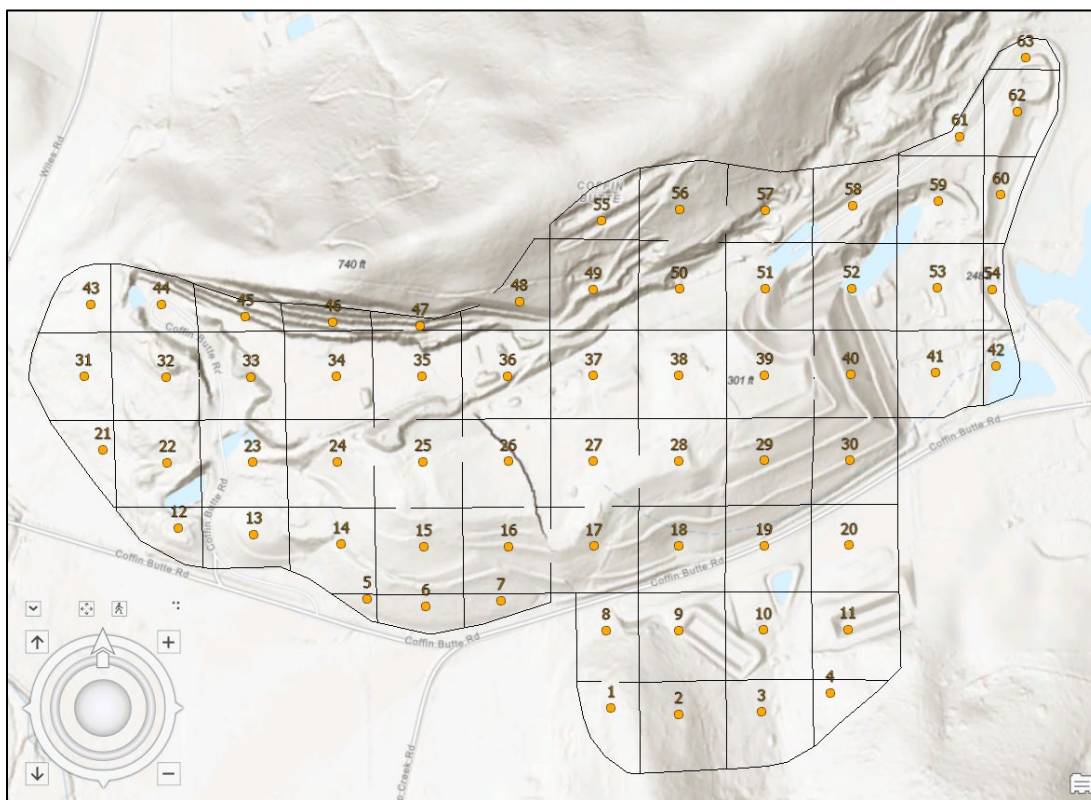
Figure 5. Modeled Area Source Locations



3.3.1 Fugitive Surface Grids

To properly represent the topography of the landfill as flat area sources, the landfill was split up into 20,000 square meter grids. The average elevation of each grid, based on the 2023 and 2052 terrain files discussed in Section 3.7, will be used as the release height of each area source. A base elevation of 246 feet was used, which is the landfill mound's base elevation. See Figure 7 below for a layout of each grid source's location.

Figure 6. Fugitive Source Grids



Grid squares 1 through 4, 8 through 11, 19 and 20 are only added in Scenario #2 as they are in the proposed expansion area, denounced FUG_EXP. Grids 5 through 7, 12 through 18, and 21 through 58 are in both scenarios and denounced FUG. The emission rates for each grid are calculated by taking the total emissions for the area (FUG or FUG_EXP) and dividing by the total number of grids (48 for FUG and 10 for FUG_EXP). Grids 59 through 63 do not contain waste and were removed from modeling.

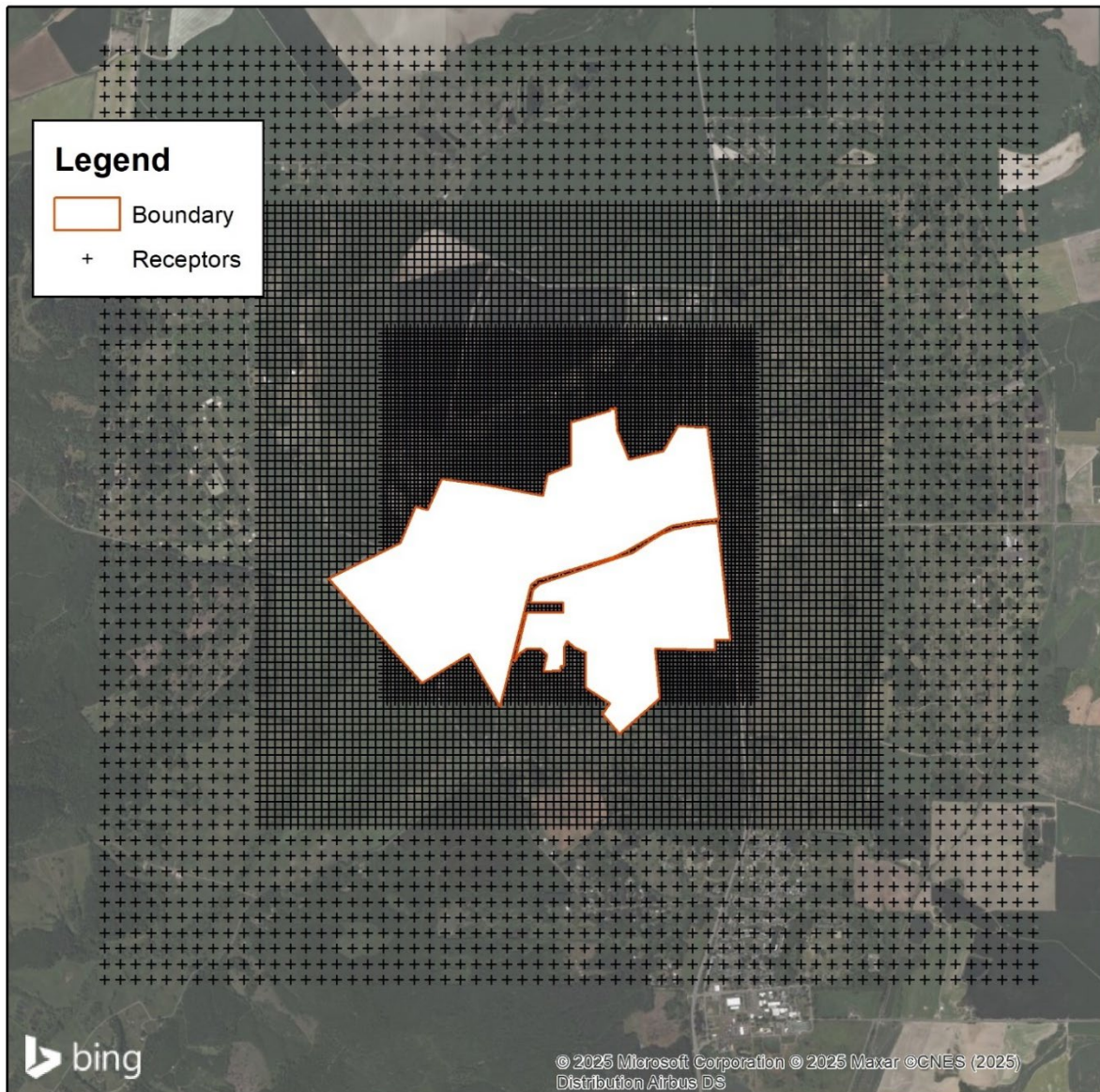
3.4 BUILDING DOWNWASH

Building downwash occurs when wind flowing over/around buildings impacts the dispersion of pollution from nearby stacks (point sources). One building exists 140 feet East of the flares where the LFGTE plant is located. This building is 175 feet by 60 feet wide and 25 feet tall.

3.5 RECEPTORS

AERMOD was used to generate nested 25-meter, 50-meter, and 100-meter spaced receptor grids over the landfill and surrounding area. Receptor flag pole heights were set to zero meters (ground level). On-site receptors within the landfill's property boundary were removed from the analysis. See Figure 6 for the layout of the nested grids.

Figure 7. Nested Receptor Grid



3.6 METEOROLOGICAL DATA

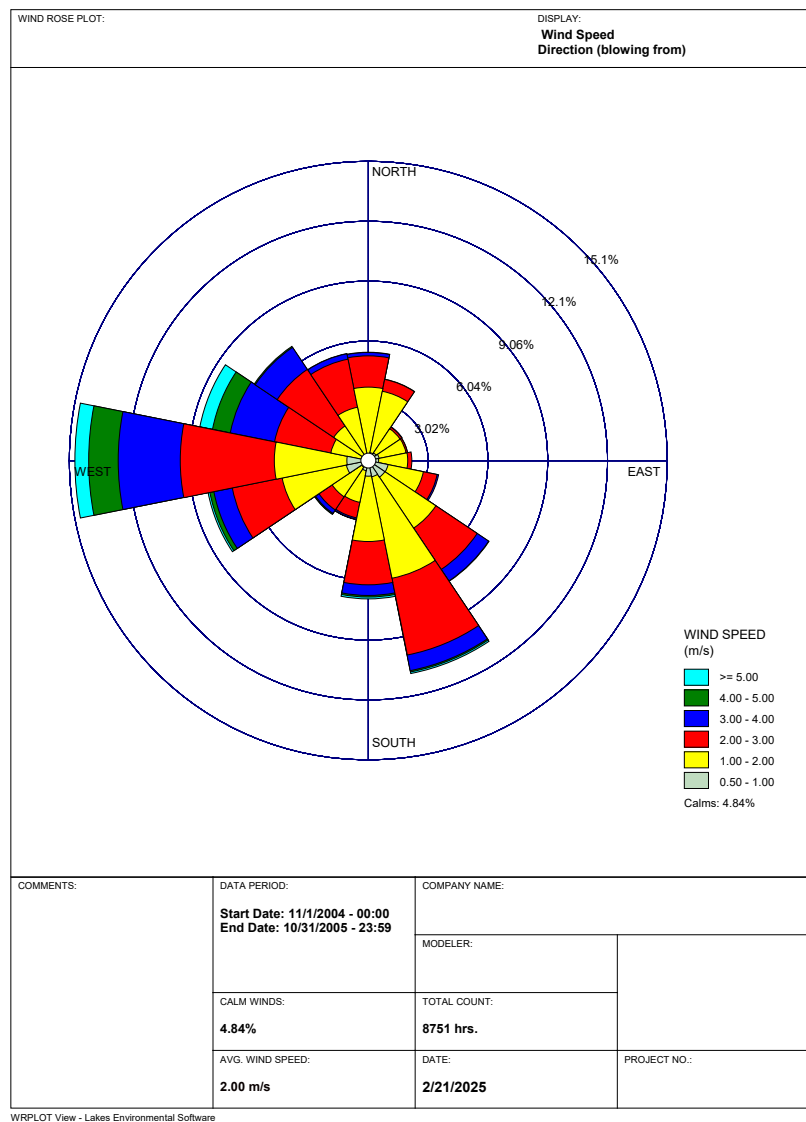
On-site data was collected between November 1, 2004 and October 30, 2005 by CH2M HILL to support permitting for the LFGTE facility (operated by Pacific Northwest Generating Cooperative) expansion which added two additional engines to the facility in 2006. At the time of collection, the meteorological station was located on-site, at a location recommended by DEQ, approximately 100 feet southeast of the LFGTE facility. The data collected from the onsite station included wind speed, wind direction, standard deviation of horizontal wind direction, temperature, delta temperature, and solar radiation. Data for this period is available for 8,727 hours for the year, resulting in a data availability of 99.9%, with greater than 90% availability for any single parameter. Additional details regarding the collected on-site data are available in the 2006 Air Modeling Report prepared by CH2M HILL.

This data set is characterized by strong west-southeast wind pattern. The meteorological data summary was included in the Modeling Protocol approved by DEQ.

The Salem McNary Field was used as the upper air data set. AERSURFACE was used to calculate site specific values for albedo, Bowen ratio, and surface roughness on an annual basis for 12 surface sectors.

A wind rose displays wind speed and wind direction graphically for a designated historical time period. Figure 7 displays the lower altitude (surface) wind rose for the meteorological data modeled in this study for all or model runs. Dominant surface wind patterns occur from the south-southeast and west in this meteorological set. Note, wind data in Figure 7 was measured during a different time period and at a different location than the on-site wind data used for the odor complaint analysis. Therefore, the wind data in Figure 7 was not used in the odor complaint analysis.

Figure 8. Wind Rose of Modeled Meteorological Data



3.7 TERRAIN DATA

Two different sets of terrain data were required to do this analysis: A dataset of current elevations for Scenario #1, and one using estimated final buildout elevations. Current terrain data was downloaded from the United States Geological Survey (USGS) 1 arc-second National Elevation Dataset (NED). Future elevations were determined using engineering renderings at final buildout from AutoCAD. Elevations were then processed and imported into AERMOD for the sources and receptors modeled in each scenario.

3.8 NUISANCE ODOR THRESHOLD

Oregon state laws prohibit businesses from emitting odors which cause a nuisance. These nuisance laws are implemented by the DEQ which has developed a strategy for responding to odor complaints reported through an online tool. The strategy emphasizes early odor detection, voluntary cooperation, and the rapid resolution of nuisance conditions related to odors [9]. Since the DEQ has not specified a protocol for odor evaluations, this study modeled pollutants individually so that predicted off-site concentrations could be directly evaluated against the individual pollutant's published odor detection threshold to determine whether the individual pollutant may be detectable in residential or commercial land use areas. Pollutant-specific odor thresholds were obtained from the following resources [10, 11, 12]:

- American Industrial Hygiene Association (AIHA), "Odor Thresholds for Chemicals with Established Occupational Health Standards, 3rd edition".
- National Oceanic and Atmospheric Administration (NOAA), "Computer-Aided Management of Emergency (CAMEO)".
- United States Environmental Protection Agency (EPA), "Health Effects Notebook for Hazardous Air Pollutants".

Note, many pollutants have a range of published odor thresholds. For this study, the lowest odor threshold published by AIHA was used for most pollutants. For pollutants with wide ranges in odor thresholds (e.g., sulfur based compounds such as hydrogen sulfide), the published odor threshold from CAMEO was used. CAMEO was also used for one pollutant that did not have a published odor threshold from AIHA. Finally, EPA odor thresholds were used for two pollutants that either did not have a published odor threshold from AIHA or had an EPA odor threshold lower than the published odor threshold from AIHA. See Appendix E for the odor thresholds modeled in this study.

Scenario #1 (2023 actual operations) had 49 pollutants with published odor thresholds. Since emission rates and odor thresholds vary by pollutant, the 2023 emissions (taken from the 2023 ATEI as well as non-toxics from LandGEM) were screened for pollutants with the highest potential for causing off-site odors. This was accomplished by ranking each pollutant based on the ratio of facility level emissions (in units of grams per second) to odor threshold (in units of grams per meter cubed). Based upon this screening process, this study focused upon evaluating the following top eight pollutants (approximately 95% of the 2023 odor emissions):

- Dimethyl sulfide (methyl sulfide);
- Ethyl benzene;
- Ethyl mercaptan (ethanethiol);
- Hydrogen sulfide;
- Methyl mercaptan;
- Nitrogen oxides (NO_x as NO₂);

- Toluene; and
- Xylenes.

See Appendix B for the odor pollutant screening results.

3.9 SCENARIO EMISSION RATES

Emissions of the eight pollutants with the highest odor potential as mentioned in Section 3.8 were calculated for both Scenario #1 and #2. As mentioned, the estimated actual emissions from 2023 were used for Scenario #1. Hydrogen Sulfide, Xylene, Toluene, and ethyl benzene from this ATEI were directly brought into the model. The only change to sources from the ATEI was the landfill surface, noted as F-LFG1 and F-LFG2, which were combined and modeled as FUG. Dimethyl sulfide, methyl mercaptan, and ethyl mercaptan were taken from LandGEM for the 2023 year, which determined 591.58 MMscf of landfill gas was emitted fugitively and 607.56 MMsf of landfill gas was combusted by the open flares. These three pollutants are only present in the landfill gas sources. Nitrogen oxides (NOx) emissions were taken from the 2023 annual Title V emission calculations reported to DEQ. See Appendix C for Scenario #1 emission rates.

Scenario #2 requires LandGEM to estimate future yearly tonnages until the design capacity is reached. The design capacity is 41,110,068 tons including the expansion area, which will be reached in year 2052 assuming the 2023 waste acceptance of 930,373 tons continues annually. This would generate 1,132 MMscf of fugitive landfill gas and 3,399 MMscf of collected gas in year 2052. The same methodology from Scenario #1 was used to calculate fugitive and flare emissions using the permitted emission factor for NOx of 27.35 lb/MMscf. The total landfill fugitive surface area is 1,011,815 square meters, with 81% of this being in the current area, and 19% in the southern proposed expansion. Total fugitive emissions were split between FUG and FUG_EXP based on this area percentage. See Appendix D for Scenario #2 emission rates for the eight targeted odorous pollutants.

Emissions by source for each scenario are shown in Tables 4 and 5 below.

Table 4. Scenario #1: 2023 Emissions By Source (g/s)

Pollutant	FUG	OPENF1	OPENF2	TIP2	TIP3	AI
Ethyl Benzene	1.06E-02	1.04E-04	1.14E-04			
Hydrogen Sulfide	2.63E-02	2.57E-04	2.82E-04			
Toluene	7.86E-02	7.70E-04	8.45E-04	8.12E-05	6.26E-05	
Xylene	2.79E-02	2.73E-04	3.00E-04	5.66E-05	4.36E-05	
Dimethyl Sulfide	9.67E-03	2.90E-04	2.90E-04			
Ethyl Mercaptan	2.85E-03	8.56E-05	8.56E-05			
Methyl Mercaptan	2.40E-03	7.20E-05	7.20E-05			
Nitrogen Oxides		9.15E-02	1.71E-01	8.79E-01	6.77E-01	2.88E-02

Table 5. Scenario #2: 2052 Emissions By Source (g/s)

Pollutant	FUG	FUG_EXP	EFLARE	TIP2	TIP3	AI
Ethyl Benzene	1.65E-02	3.88E-03	1.22E-03			
Hydrogen Sulfide	4.07E-02	9.60E-03	3.02E-03			
Toluene	1.22E-01	2.87E-02	9.03E-03	8.12E-05	6.26E-05	
Xylene	4.32E-02	1.02E-02	3.21E-03	5.66E-05	4.36E-05	
Dimethyl Sulfide	1.66E-02	3.91E-03	1.23E-03			
Ethyl Mercaptan	4.89E-03	1.15E-03	3.63E-04			
Methyl Mercaptan	4.12E-03	9.71E-04	3.05E-04			
Nitrogen Oxides			1.34E+00	8.79E-01	6.77E-01	2.88E-02

4.0 RESULTS

Tables 6 and 7 summarize the peak, off-site, 1-hour pollutant concentrations for each modeling scenario in units of micrograms per meter cubed (ug/m3). Each pollutant impact was then compared to its odor threshold via a ratio called dilution to threshold or D/T (i.e., maximum impact divided by odor threshold). A D/T ratio of one indicates that roughly half of people can detect an odor at a given location for a given hour. A D/T of 7 is expected to result in an odor “nuisance” in most states, though this number is variable and not quantified in Oregon. See Figure 8 for the peak, off-site impact locations. Figures 9 through Figure 12 show the odor concentration contours from the two pollutants in each scenario with the highest D/T values. For each scenario, NOx had the highest D/T with the tipper engines as driving sources, and dimethyl sulfide had the highest D/T with the fugitive landfill surface as the driving source. All six of the remaining pollutants would show similar contours to dimethyl sulfide as they have the same driving source.

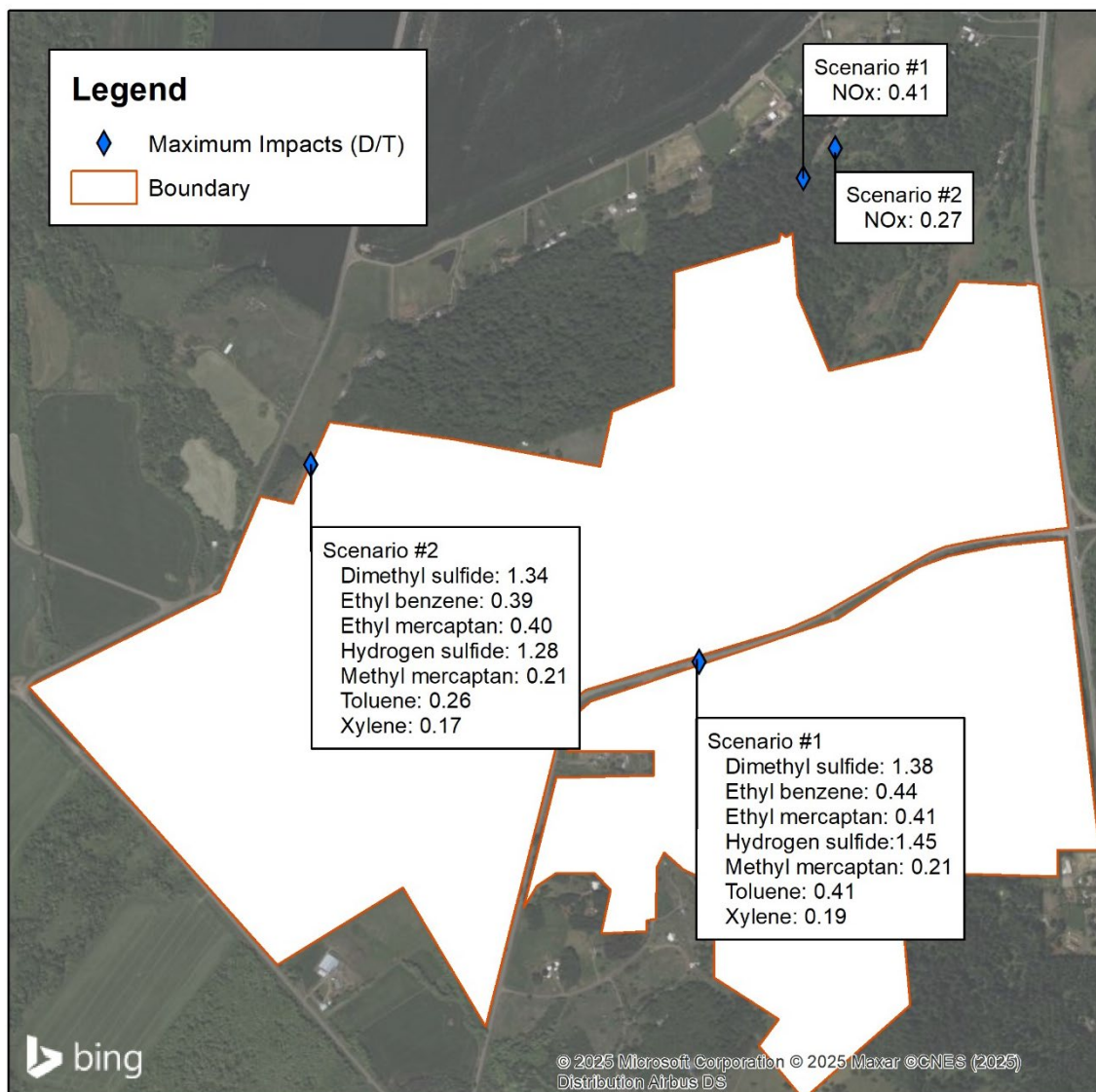
Table 6. Scenario #1: 2023 Model Results

Odor Pollutant	Max Impact (ug/m3)	Odor Threshold (ug/m3)	Max D/T	Driving Source	Max Impact Easting UTM Zone 10 (m)	Max Impact Northing UTM Zone 10 (m)
Dimethyl sulfide (methyl sulfide)	3.51	2.54	1.38	FUG	481,595	4,949,280
Ethyl benzene	3.85	8.68	0.44	FUG	481,595	4,949,280
Ethyl mercaptan (ethanethiol)	1.03	2.54	0.41	FUG	481,595	4,949,280
Hydrogen sulfide	9.52	6.55	1.45	FUG	481,595	4,949,280
Methyl mercaptan	0.87	4.13	0.21	FUG	481,595	4,949,280
NOx (as NO2)	769.18	1,881.62	0.41	TIP2 and TIP3	481,845	4,950,455
Toluene	28.54	97.99	0.29	FUG	481,595	4,949,280
Xylene (mixture)	10.11	52.10	0.19	FUG	481,595	4,949,280

Table 7. Scenario #2: 2052 Model Results

Odor Pollutant	Max Impact (ug/m3)	Odor Threshold (ug/m3)	Max D/T	Driving Source	Max Impact Easting UTM Zone 10 (m)	Max Impact Northing UTM Zone 10 (m)
Dimethyl sulfide (methyl sulfide)	3.41	2.54	1.34	FUG	480,620	4,949,730
Ethyl benzene	3.39	8.68	0.39	FUG	480,620	4,949,730
Ethyl mercaptan (ethanethiol)	1.01	2.54	0.40	FUG	480,620	4,949,730
Hydrogen sulfide	8.36	6.55	1.28	FUG	480,620	4,949,730
Methyl mercaptan	0.85	4.13	0.21	FUG	480,620	4,949,730
NOx (as NO2)	511.58	1,881.62	0.27	TIP2 and TIP3	481,920	4,950,530
Toluene	25.03	97.99	0.26	FUG	480,620	4,949,730
Xylene (mixture)	8.84	52.10	0.17	FUG	480,620	4,949,730

Figure 9. Peak 1-Hour Off-site Odor Impact Locations



Odor pollutants individually exceeded a D/T value of 1 for both hydrogen sulfide and dimethyl sulfide in this analysis. This is potentially detectable, but far below nuisance levels. However, there appears to be no significant change in odor impact from Scenario #1 to Scenario #2. Landfill gas generation from the landfill is expected to significantly increase from 2023 to 2052, increasing odor pollutants, however the landfill will be higher in elevation at that time which helps with dispersion. Scenario #1 shows the higher impacts from Nox as relocating the tipper engines and AI source to the southern expansion area is much better for modeling, having a larger buffer to the North and being at a lower elevation.

Based on the odor results in Scenario #1 and #2, a third scenario in the middle of expansion does not seem necessary. This middle scenario would show results in between Scenario #1 and #2 with slight differences based on landfill mound height in the expansion area and would certainly show D/T values less than 1 for all pollutants.

5.0 CONCLUSIONS AND UNCERTAINTY ANALYSIS

Conclusions for both odor modeling and complaint analyses are described below. In addition, a discussion on uncertainty in this report is detailed in Section 5.3

5.1 MODELING CONCLUSIONS

Since DEQ has not specified a protocol for odor evaluations, this study modeled pollutants individually so that predicted off-site concentrations could be directly evaluated against the individual pollutant's published odor detection threshold to determine whether the individual pollutant may be detectable in residential or commercial land use areas. This evaluation was accomplished using a D/T ratio for each pollutant modeled (i.e., maximum 1-hour pollutant concentration modeled divided by its odor threshold).

Based upon the modeling results of the two scenarios, the following conclusions are presented:

- Peak, off-site, 1-hour pollutant concentrations for Scenario #1 (2023 actual operations) showed hydrogen sulfide and dimethyl sulfide slightly over the detection threshold, but not nearly at nuisance levels.
- Peak, off-site, 1-hour pollutant concentrations for Scenario #2 (2052 proposed operations) also showed hydrogen sulfide and dimethyl sulfide slightly over the detection threshold, but not nearly at nuisance levels.
- Peak, off-site, 1-hour pollutant concentrations for Scenario #2 (2052 proposed operations) showed no significant change in odor impacts compared to Scenario #1 (2023 actual operation) for all pollutants except NO_x. The decrease in NO_x impact was due to the change in tipper and AI location, with an increase in all other pollutants based on increased landfill gas generation.
- Peak impact locations were all north of the landfill boundary for NO_x in Scenario #1 and Scenario #2. Landfill gas odor constituents were highest on Coffin Butte Road in Scenario #1 and on the Northwest property boundary in Scenario #2.
- Moving operations to the proposed expansion area will move the predicted peak, off-site 1-hour impact locations, but impacts would remain below the nuisance levels for all pollutants.

Typically, odors become a nuisance at or above 7 D/T [13, 14]. Therefore, this study concludes that the proposed expansion Project will not cause detectable off-site nuisance odor impacts at nearby residential or commercial areas.

5.2 ODOR COMPLAINT CONCLUSIONS

The odor complaint analysis for complaints logged in 2022 through 2024 indicated the following conclusions:

- Complaint locations ranged from adjacent to CBLF to as far as seven miles away.
- Most complaints were located Southwest and South of CBLF, requiring wind from the North or Northeast to be coming from the landfill.
- Dominant wind patterns come from the South-Southeast and West based on the meteorological dataset.
- Complaints peaked in the morning from 8:00 AM to 11:00 AM.
- Complaints specifically peaked in winter months, possibly due to thermal inversions. Colder temperatures have less thermal mixing which leads to higher air quality and odor impacts.

- Correlating the complaint location to wind data during the complaint time showed only 1% of complaints “likely” to come from the landfill and 58% to be “possible” from the landfill.

5.3 UNCERTAINTY ANALYSIS

Odor modeling is inherently complex and subjective, leading to significant uncertainty. The model performed to average emission rates and ran them over hour averages of on-site meteorological data for a whole year from November 1st 2004 through October 31st 2005. The maximum hourly impact at each off-site receptor was presented, but does not take into account shorter term (less than 1 hour) timeframes when odor concentrations could be higher with the right meteorological conditions. In addition, AERMOD has limitations at low wind speeds and is not able to model thermal inversions which could be present around CBLF.

In addition, the odor detection thresholds for each pollutant are highly varied depending on the person. In general, these odor thresholds are based on a concentration where half of the general public is able to detect the smell at a specific time and location. Certain odorous chemicals can also have an additive effect, where their smells are similar enough that the concentrations of each constituent can be added to compare to a detection threshold. During a February 2025 meeting with SCS and the County’s consultants, it was agreed to model pollutants individually so that predicted off-site concentrations could be directly evaluated against the individual pollutant’s published odor detection threshold to determine whether the individual pollutant may be detectable in residential or commercial land use areas. However, even when considering an additive effect, the D/T remains below 7 for the top five pollutants summed together.

These limitations have the potential to underpredict odor concentrations. It is possible for odors to be detectable by people that are sensitive to particular odors, especially in low wind or thermal inversion conditions.

Uncertainty is also present in the odor complaint review. The time recorded for the complaint does not necessarily line up with the timeframe an odor was detected by the complainant. Thus it is hard to determine the actual wind direction/speed when the odor was detected. Another issue with analyzing complaints is that significant amounts of information are missing from each complaint. To get a full understanding of CBLF’s contribution to the odor, each complaint would ideally include exact time and location the odor was detected, and a description of the odor at that time frame for comparison.

6.0 REFERENCES

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Appendix A

Odor Complaint Review

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
1	2/22/2022	(N/A)	DEQ informed us of 25 odor complaints they had received between 11/18/21 and 2/7/22. No additional details provided	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	Complaint times not specified. Wind speeds and wind directions varied throughout the period.	Unknown
2	7/1/2022	10:00 AM	via DEQ	(N/A)	"The usual stench from the landfill. Once again occurring at my location as the marine clouds lift and the day warms.	(N/A)	(N/A)	Calm	Southwest wind (0 mph). Winds were from the southwest (0-3 mph) between 0030 and 1030 hours.	Possible
3	7/26/2022	8:00 AM	via DEQ	(N/A)	"odors from the Coffin Butte Landfill. Quite noticeable this morning while we had a high pressure system and no wind", complex toxic chemical slew	(N/A)	(N/A)	SW	Southwest wind (1 mph). Winds were calm (0 mph) between 0230 and 0730 hours.	Possible
4	7/30/2022	8:00 AM	via DEQ	(N/A)	Coffin Butte Landfill by Republic. Sulfur, dump odor	(N/A)	(N/A)	Calm	South-southeast wind (0 mph). Winds were from the east-northeast (4 mph) at 0700 hours, then calm (0 mph) at 0730 and 0800 hours.	Possible
5	8/15/2022	9:13 AM	via DEQ	(N/A)	"the Coffin Butte Dump smell is noticeable on occasion. Today it is really bad. To the point of making me sick to my stomach when I walk around outside", methane	(N/A)	(N/A)	S / SW	South to southwest winds (1-5 mph). Winds were calm (0 mph) between 0430 and 0830 hours.	Possible
6	8/17/2022	(N/A)	DEQ	assorted via DEQ	(N/A)	(N/A)	(N/A)	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
7	12/13/2022	(N/A)	complaint forwarded to Ian Macnab from Hugh Gao of DEQ. No specific details of timing of event.	"neighborhood surrounding landfill"	"emissions gas, unsafe air quality"	(N/A)	(N/A)	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
8	9/28/2023	(N/A)	N/A (forwarded from DEQ) 2/7/24	(N/A)	"overpowering and pervasive to my nostrils and eyes"	(N/A)	(N/A)	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
9	11/21/2023	(N/A)	Becky LeBlanc	Writsman Creek Dr	"dump smell"	~ 3. 8 miles	NE	(N/A)	Complaint time not specified. Winds were briefly from north-northeast at 1000, 1130, and 1230 hours. Winds were from the north-northeast (0-5 mph) between 1400 and 2330 hours. Possible due to channeling effects of terrain.	Unknown
10	11/29/2023	12:40 PM	Larry Leblanc	Writsman Creek Dr	(N/A)	~ 3. 8 miles	NE	Calm	North-northeast wind (0 mph). Winds were from the north-northeast (0-4 mph) between 0700 to 1300 hours. Possible due to channeling effects of terrain.	Possible
11	12/1/2023	3:36 PM	Becky LeBlanc	Writsman Creek Dr	(N/A)	~ 3. 8 miles	NE	S	South wind (6 mph). Winds had a southerly component prior to event.	Not likely
12	12/12/2023	1:35 PM	Larry LeBlanc	Writsman Creek Dr	(N/A)	~ 3. 8 miles	NE	WNW	West-northwest wind (2 mph). Wind was briefly from the northeast (2 mph) at 1230 hours.	Possible
13	12/14/2023	(N/A)	N/A (forwarded from DEQ) 2/7/24	(N/A)	"particularly nasty"	(N/A)	(N/A)	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
14	12/15/2023	12:00 PM	N/A (forwarded from DEQ) 2/7/24	highway 20 at independence highway	"absolutely overpowering"	~ 5.1 miles	NNW	WNW	West-northwest wind (1 mph). Winds were from the west-northwest (0-3 mph) between 0000 and 1230 hours.	Not likely
15	12/16/2023	2:00 PM	Larry LeBlanc	Writsman Creek Dr	"overwelming stench this morning"	~ 3. 8 miles	NE	NNE	North-northeast wind (4 mph). Winds were from the north-northeast (3-4 mph) between 1230 and 1400 hours. Possible due to channeling effects of terrain.	Possible
16	12/25/2023	(N/A)	N/A (forwarded from DEQ) 2/7/24	(N/A)	"like rotten garbage, some sort of gas"	(N/A)	(N/A)	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
17	1/12/2024	12:15 PM	N/A (forwarded from DEQ)	"apx 3 miles from Coffin Butte landfill"	"horrible smell of the landfill"	~ 3 miles	(N/A)	N / NNE	North-northeast wind (6 mph) at 1200 hours. North wind (4 mph) at 1230 hours.	Possible
18	1/18/2024	12:00 PM	N/A (forwarded from DEQ) 2/7/24	(N/A)	(N/A)	(N/A)	(N/A)	Calm	Northeast wind (0 mph). Winds were from the northeast (0-3 mph) between 0800 and 1200 hours.	Possible
19	1/18/2024	12:00 PM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"odor was very obvious"	(N/A)	(N/A)	Calm	Northeast wind (0 mph). Winds were from the northeast (0-3 mph) between 0800 and 1200 hours.	Possible
20	1/18/2024	1:30 PM	N/A (forwarded from DEQ) 2/7/24	"several miles south of Coffin Butte landfill"	"incredibly intense"	~ 2+ miles	N	NNW	North-northwest wind (2 mph). Winds had a northerly component between 0530 and 1330 hours.	Possible
21	1/18/2024	3:30 PM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"really bad"	(N/A)	(N/A)	SW	Southwest wind (3 mph). Winds had just shifted from northwest / west-northwest to southwest.	Possible
22	1/18/2024	4:00 PM	N/A (forwarded from DEQ) 2/7/24	"town of Corvallis"	"hits you like a wet blanket and permeates into the home as well"	~ 6.7 miles	N	NW	Northwest wind (6 mph).	Not likely
23	1/19/2024	8:00 AM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"very apparent"	(N/A)	(N/A)	SW	Southwest wind (2 mph). Winds were calm (0 mph) between 0500 and 0730 hours.	Possible
24	2/3/2024	9:00 AM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"foul chemical odor"	(N/A)	(N/A)	S	South wind (2 mph). Winds were calm (0 mph) between 0530 and 0830 hours.	Possible
25	2/3/2024	10:00 AM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"Strong smell of methane"	(N/A)	(N/A)	Calm	South wind (0 mph). Winds were calm (0 mph) between 0530 and 1000 hours except for south wind (2 mph) at 0900 hours.	Possible
26	2/3/2024	1:00 PM	N/A (forwarded from DEQ) 2/7/24	"apx 3 miles from the landfill"	"nasty, horrible and probably not good for anyone to breathe"	~ 3 miles	(N/A)	NNE	North-northeast wind (2 mph). Winds were calm (0 mph) between 0930 and 1230 hours.	Possible
27	2/3/2024	3:00 PM	N/A (forwarded from DEQ) 2/7/24	(N/A)	"Chemical type smell, Horrible"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph). Winds from the north-northeast (1-4 mph) between 1400 and 1430 hours.	Possible
28	2/3/2024	(N/A)	N/A (forwarded from DEQ) 2/16/24	"south end Tampico Rd"	"so strong"	~ 1.7 miles	NNW	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
29	2/8/2024	12:46 PM	N/A (forwarded from DEQ) 2/16/24	(N/A)	"strong"	(N/A)	(N/A)	NNE	North-northeast wind (1-5 mph). Winds were calm (0 mph) between 0000 and 1130 hours.	Possible
30	2/10/2024	7:30 AM	N/A (forwarded from DEQ) 2/16/24	"soap creek rd"	"awful stench"	~ 0 to 5.4 miles	Various	Calm	South wind (0 mph). Winds were calm (0 mph) between 0000 and 0730 hours.	Possible
31	2/10/2024	8:30 AM	N/A (forwarded from DEQ) 2/16/24	"soap creek valley"	"stinky air" "especially bad"	~ 3.3 miles	NE	Calm	South wind (0 mph). Winds were calm (0 mph) between 0000 and 0830 hours.	Not likely

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
32	2/10/2024	9:29 AM	N/A (forwarded from DEQ) 2/16/24	"by the landfill"	(N/A)	(N/A)	(N/A)	Calm	South wind (0 mph). Winds were calm (0 mph) between 0000 and 1030 hours.	Possible
33	2/13/2024	(N/A)	N/A (forwarded from DEQ) 2/16/24	"above 800ft elevation, along Vineyard Mountain Ridge"	"the usual Coffin Butte stench"	~ 4.7 miles	NNE	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
34	2/14/2024	8:30 AM	N/A (forwarded from DEQ) 2/16/24	(N/A)	"very bad"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph). Winds were calm (0 mph) between 0700 and 0830 hours.	Possible
35	2/14/2024	11:00 AM	N/A (forwarded from DEQ) 2/23/24	"my home, Soap creek rd, Tampico rd, Adair Village"	"usual rotting garbage odor"	~ 0 to 1.8 miles	Various	Calm	North-northeast wind (0 mph). Winds were calm (0 mph) between 0700 and 1100 hours.	Possible
36	2/15/2024	10:51 PM	N/A (forwarded from DEQ) 2/23/24	(N/A)	"extremely strong"	(N/A)	(N/A)	WSW	West-southwest wind (3 mph) at 2300 hours. Winds had a northerly component between 2030 and 2230 hours.	Possible
37	2/20/2024	9:00 AM	N/A (forwarded from DEQ) 2/23/24	(N/A)	"rotting garbage"	(N/A)	(N/A)	S	South wind (3 mph). Winds were from the east-northeast (0-3 mph) between 0700 and 0830 hours.	Possible
38	2/20/2024	3:00 PM	N/A (forwarded from DEQ) 2/23/24	700-800 ft elevation	"usual landfill stench"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph). Winds were calm (0 mph) between 1330 and 1500 hours except for north-northeast (4 mph) at 1430 hours.	Possible
39	2/20/2024	3:37 PM	N/A (forwarded from DEQ) 2/23/24	(N/A)	"malodorous chemical smell"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph) at 1530. Winds were calm (0 mph) between 1330 and 1600 hours except for north-northeast (4 mph) at 1430 hours.	Possible
40	2/22/2024	10:48 AM	N/A (forwarded from DEQ) 3/1/24	7 miles south of the landfill	(N/A)	~ 7 miles	N	W	West wind (3 mph). Winds were calm or from the south (0-3 mph) between 0400 and 1030 hours.	Not likely
41	2/24/2024	1:00 PM	N/A (forwarded from DEQ) 3/1/24	(N/A)	"Rotting stench"	(N/A)	(N/A)	NNE	North-northeast wind (3 mph).	Possible
42	2/24/2024	(N/A)	N/A (forwarded from DEQ) 3/1/24	3 miles south of landfill	"sour, reeking stench"	~ 3 miles	N	(N/A)	Complaint time not specified. Wind speeds and wind directions varied throughout the day.	Unknown
43	3/6/2024	7:30 AM	forwarded from DEQ	"South of Landfill"	"Reeking Stench"	~ 0 miles	N	Calm	South-southeast wind (0 mph). Winds were calm (0 mph) between 0000 and 0930 hours.	Possible
44	3/8/2024	8:30 AM	Faye Yoshihara	37461 Soap Creek Rd.	"rotting garbage plus acrid chemical smell", level 8	~ 3.7 miles	NE	Calm	South-southeast wind (0 mph). Winds were calm (0 mph) between 0000 and 0830 hours.	Not likely
45	3/8/2024	1:00 PM	Ken Kupperman	12425 Sauerkraut Rd	"5"	~ 5 miles	SE	NNE	North-northeast (1 mph). Wind was from the north-northeast (0-2 mph) between 1030 and 1300 hours.	Not likely
46	3/12/2024	2:30 PM	forwarded from DEQ	E.E. Wilson State Wildlife Area	"landfill odor with a noxious chemical component"	~ 1 mile	W	SSW	South-southwest wind (9 mph). Strong winds (6-9 mph) between 1330 and 1430 hours are not typically associated with odor complaints.	Not likely
47	3/23/2024	8:00 AM	Kate Schoenhals	White Fir and Trillium Lane, also Robison road	"foul/gassy, for two hours"	~ 1.1 to 1.8 miles	Various	Calm	Northeast wind (0 mph). Winds were from the northeast (0-2 mph) between 0500 and 0800 hours.	Not likely
48	4/1/2024	8:00 AM	Elizabeth Patte	37655 Zeolite Hills Rd	10	~ 3.6 miles	NE	Calm	South-southwest wind (0 mph). Winds were calm (0 mph) between 0000 and 0800 hours except for south-southwest (1 mph) at 0400 hours.	Not likely

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
49	4/1/2024	9:00 AM	Vicki Druliner	27673 Writsman Creek Drive	"incredibly bad", 10	~ 3.7 miles	NE	Calm	South-southwest wind (0 mph). Winds were calm (0 mph) between 0000 and 0900 hours except for south-southwest (1 mph) at 0400 hours.	Not likely
50	4/1/2024	11:30 PM	Nathalie Sutherland	2281 Paddington Dr NW	10, "smells like rotten eggs. But worse. More chemically."	~ 5.2 miles	WNW	Calm	Southeast wind (0 mph). Winds were mostly calm (0 mph) between 1830 and 2330 hours except for east-southeast (1 mph) at 2300 hours.	Not likely
51	4/12/2024	7:00 AM	forwarded from DEQ	"my house"	"overpowering landfill stench"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph). Winds were from the north-northeast (0-1 mph) between 0600 and 0700 hours.	Possible
52	5/2/2024	7:00 PM	forwarded from DEQ	(N/A)	"Strong odors"	(N/A)	(N/A)	Calm	East-northeast wind (0 mph). Winds were calm (0 mph) between 1500 and 1900 hours.	Possible
53	5/23/2024	7:30 AM	forwarded from DEQ	(N/A)	"smell of Garbage" overwhelming	(N/A)	(N/A)	NNE	North-northeast wind (4 mph). Winds were calm (0 mph) between 0300 and 0700 hours.	Possible
54	5/23/2024	7:50 AM	forwarded from DEQ	5 miles from the dump	smell the dump	~ 5 miles	(N/A)	NNE	North-northeast wind (3-4 mph). Winds were calm (0 mph) between 0300 and 0700 hours.	Possible
55	5/23/2024	9:30 AM	forwarded from DEQ	5 miles south, adair	"coffin Butte's effluence"	~ 5 miles	N	NNE	North-northeast wind (3 mph). Winds were from the north-northeast (0-4 mph) between 0730 and 0930 hours.	Possible
56	5/23/2024	6:00 PM	forwarded from DEQ	"near coffin Butte"	"trash and rotten egg"	~ 0 miles	Various	NE	Northeast wind (10 mph). Strong winds are not typically associated with odor complaints.	Not likely
57	7/12/2024	12:06 AM	forwarded from DEQ	"south of the landfill"	"landfill smell"	~ 0 miles	N	WSW	West-southwest wind (3 mph). Winds were from the northwest (1-2 mph) between 2300 and 2330.	Not likely
58	7/24/2024	1:00 PM	forwarded from DEQ	near SE corner of Landfill buffer property	Noticeable unpleasant methane odor	~ 0 miles	NW	S	South wind (6 mph). Winds were from the northwest (4 mph) at 1230 hours.	Possible
59	7/30/2024	5:30 PM	forwarded from DEQ	4 miles SE of landfill	"landfill dump smell"	~ 4 miles	NW	SW	Southwest wind (6 mph).	Not likely
60	8/4/2024	8:30 AM	forwarded from DEQ (8/26)	SW of Landfill or driving by	dump stench	~ 0 miles	NE	Calm	South wind (0 mph). Wind was calm (0 mph) between 0600 and 0830 hours.	Possible
61	8/8/2024	7:40 AM	Ryan Griffin	Oak Grove Drive & Powers	"dump smell, like driving by", "10"	~ 4 miles	WNW	Calm	West-southwest wind (0 mph). Winds were from the west-southwest (0-3 mph) between 0330 and 0800 hours.	Not likely
62	8/8/2024	7:45 AM	Lauren Griffin	Palestine & Oak Grove	"9"	~ 3.8 miles	WNW	Calm	West-southwest wind (0 mph). Winds were from the west-southwest (0-3 mph) between 0330 and 0800 hours.	Not likely
63	8/9/2024	3:15 PM	forwarded from DEQ	(N/A)	Piercing garbage smell	(N/A)	(N/A)	WNW / NE	West-northwest wind (2 mph) at 1500 hours. Northeast wind (2 mph) at 1530 hours.	Possible
64	8/9/2024	5:53 PM	forwarded from DEQ	"miles away"	"terrible smell"	~ 2+ miles	(N/A)	SW	Southwest wind (10 mph). Strong winds are not typically associated with odor complaints.	Not likely
65	8/18/2024	7:30 AM	Ryan Griffin	Oak Grove Drive & Powers	"smells like driving by the dump", 8	~ 4 miles	WNW	Calm	South wind (0 mph). Winds were calm (0 mph) between 0500 and 0730 hours except from the south (2 mph) at 0630 hours.	Not likely
66	8/23/2024	6:30 PM	forwarded from DEQ	South of Landfill	"landfill chemical stink"	~ 0 miles	N	NW	Northwest wind (1 mph).	Possible
67	11/26/2024	11:30 AM	forwarded from DEQ	(N/A)	"Coffin Butte dump stench"	(N/A)	(N/A)	SE	Southeast wind (2 mph).	Possible

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
68	11/27/2024	7:15 AM	forwarded from DEQ	(N/A)	"went outside with my cup of coffee. Hit with the smell of the landfill"	(N/A)	(N/A)	S / Calm	South wind (0-1 mph). Winds were calm (0 mph) between 0400 and 0630 hours.	Possible
69	11/30/2024	10:00 AM	forwarded from DEQ	7 miles S of landfill	"sitting at my dest, when I stared to smell it. It lasted for a about 3 hours"	~ 7 miles	N	NNE	North-northeast wind (1 mph). Winds were from the north to northeast between 0000 and 1000 hours.	Possible
70	11/30/2024	12:00 PM	forwarded from DEQ	"passing by the... landfill"	"a terrible odor that we could smell from our car for about a mile north	~ 0 miles	Various	ENE	East-northeast wind (1 mph).	Possible
71	12/1/2024	8:30 AM	forwarded from DEQ	Soap Creek/Writsmen Brook	"some sort of chemical", "rotten garbage"	~ 3.7 miles	NE	Calm	South-southwest wind (0 mph). Wind was calm (0 mph) between 0200 and 0830 hours.	Not likely
72	12/1/2024	10:00 AM	forwarded from DEQ	"near Coffin Butte"	"odor is so bad"	~ 0 miles	Various	SSW	South-southwest wind (1 mph). Wind was calm (0 mph) between 0200 and 0930 hours.	Possible
73	12/1/2024	10:00 AM	forwarded from DEQ	(N/A)	"sometimes unbearable"	(N/A)	(N/A)	SSW	South-southwest wind (1 mph). Wind was calm (0 mph) between 0200 and 0930 hours.	Possible
74	12/1/2024	11:52 AM	forwarded from DEQ	"soap creek valley"	"toxic landfill gases"	~ 3.3 miles	NE	N	North wind (3 mph). Winds were from the south-southwest (0-2 mph) between 1000 and 1130 hours. Possible due to channeling effects of terrain.	Possible
75	12/6/2024	9:45 AM	forwarded from DEQ	(N/A)	"landfill stench"	(N/A)	(N/A)	Calm	North-northeast wind (0 mph). Winds were mainly from the north-northeast (0-4 mph) between 0530 and 1000 hours.	Possible
76	12/14/2024	1:30 PM	forwarded from DEQ	Coffin Butte Road	"like a cross between a putrid low tide and an auto repair garage".	~ 0 miles	Various	SSW	South-southwest wind (3 mph). Winds were from the south-southwest (0-3 mph) between 1030 and 1330 hours.	Not likely
77	12/20/2024	3:00 PM	forwarded from DEQ	4 miles SSE of the Landfill	"odor" "far worse than usual"	~ 4 miles	NNW	Calm	West wind (0 mph). Winds were from the west (0-4 mph) between 1330 and 1500 hours.	Not likely
78	12/23/2024	09:30 AM-12:30 PM	forwarded from DEQ	(N/A)	"Coffin Butte Landfill is belching landfill gas permeating the air. I was 6.3 miles from the landfill and the stench was very noticeable."	~ 6.3 miles	(N/A)	Calm / NE	Northeast wind (0-4 mph) during this time period. Winds were calm (0 mph) between 0330 and 1030 hours.	Possible
79	12/23/2024	2:00 PM	Maggie Livesay	7580 NW Mountain View Drive	landfill smell, 5	~ 4.2 miles	N	Calm	Northeast wind (0 mph). Winds were from the northeast (4 mph) at 1200 hours. Winds were calm (0 mph) between 1230 and 1400 hours.	Not likely
80	12/29/2024	9:29 AM	Virginia Scott	"driving past dump"	"stench", "not one type of aroma"	~ 0 miles	Various	SSE	South-southeast wind (2 mph). Winds were calm (0 mph) between 0700 and 0900 hours.	Not likely
81	12/29/2024	9:29 AM & 6:30 PM	forwarded from DEQ	(N/A)	"As I was driving past the Coffin Butte dump on Coffin Butte Road in Benton County, OR on Sunday morning the stench was so strong that I has to put the car's air on recirculate until I was well north of the dump. It was equally as terrible on my return trip past the dump at about 6:30 PM on 12/29/24 and was smelly even on recirculate well past the Tampico/Soap Creek intersection. This is an issue because on moist days, like Sunday, when the car air is on recirculate, the car windows fog up which makes it dangerous to turn onto Hwy 99."	Various	Various	SSE / S	South-southeast wind (2 mph) at 0930 hours. South wind (2 mph) at 1830 hours.	Likely

Comparison of CBLF Odor Complaints to On-site Wind Data

Odor Event ID	Odor Event Date	Odor Event Time	Complainant	Location of Odor	Description/Rating	Distance from Complaint Location to CBLF *	Direction from Complaint Location to CBLF **	On-site Wind Direction	Comments	Correlation Category
82	12/29/2024	4:45 PM	forwarded from DEQ	(N/A)	“Almost every evening to early morning there is a strong methane odor originating from the Coffin Butte Landfill located north of Corvallis in Benton County Oregon. This year the odor has become strong enough to smell indoors if an air filter isn't in use. There is also a tremendous amount of litter and garbage along Camp Adair Road, Hwy 99 and other tributary roads leading to the landfill. The garbage is on the roads, in the ditches soaking in water and leaching into the ground. The air and material pollution is a hazard to humans, wildlife and plant life in the local area. There is no telling what chemicals and hazardous materials are contaminating the local biosphere.”	(N/A)	(N/A)	S	South wind (2 mph).	Possible
83	12/31/2024	3:45 PM	forwarded from DEQ	(N/A)	“Coffin butte landfill is releasing methane gas and stink into the atmosphere. The stink is becoming worse each day. I don't have enough time to notify you each day of the occurrence but it is becoming much more frequent, approximately 5 days a week now.”	(N/A)	(N/A)	S	South wind (2-3 mph).	Possible
84	1/1/2025	12:00 AM	forwarded from DEQ	(N/A)	“The Coffin Butte Landfill stench was wafting through the air. Landfill gasses 5 miles from the Landfill. Very strong odor”	~ 5 miles	(N/A)	SW	Southwest wind (1 mph).	Possible

Notes:
* Distance relative to CBLF working face reference point (44.700815, -123.233034).
** Direction relative to CBLF working face reference point (44.700815, -123.233034).
(N/A) Not applicable.

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/1/2022 0:00	28.8	2	W	265	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 0:30	28.2	4	WNW	299	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 1:00	28	3	NW	310	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 1:30	27.8	2	WNW	304	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 2:00	27.3	2	NW	309	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 2:30	27.6	2	NW	313	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 3:00	27.4	1	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 3:30	26	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 4:00	24.8	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 4:30	24.5	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 5:00	25.6	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 5:30	26	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 6:00	26.7	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 6:30	27	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 7:00	27.3	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 7:30	27.3	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 8:00	27.5	1	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 8:30	27.7	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 9:00	28.1	0	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 9:30	28.5	2	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 10:00	29	1	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 10:30	29.9	1	NW	314	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 11:00	32.4	1	NW	315	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 11:30	34.3	2	NNE	13	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 12:00	34.8	2	NNE	15	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 12:30	35.3	2	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 13:00	35.9	3	S	172	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 13:30	35.5	2	S	190	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 14:00	36.1	3	S	187	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 14:30	36.6	5	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 15:00	36.4	3	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 15:30	37.1	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 16:00	35.7	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 16:30	34.3	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 17:00	32.8	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 17:30	31.4	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 18:00	30.2	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 18:30	30.3	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 19:00	29.9	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 19:30	29.7	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 20:00	29.4	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 20:30	29.9	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 21:00	29.9	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 21:30	29.5	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 22:00	30.2	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 22:30	29.7	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 23:00	32.6	2	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	7
1/1/2022 23:30	33.7	3	SSE	153	1	11/18/2021 to 2/7/2022	(not specified)	7
1/2/2022 0:00	34.2	4	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 0:30	33.7	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 1:00	33	2	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 1:30	33.8	1	NW	322	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 2:00	35.3	5	S	180	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 2:30	35	0	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 3:00	34.7	0	SW	219	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 3:30	35	0	WSW	248	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 4:00	34	1	NE	53	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 4:30	35.1	0	SSW	197	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 5:00	35.9	3	SE	134	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 5:30	35.9	4	S	190	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 6:00	35.7	8	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 6:30	36.3	3	SSE	149	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 7:00	37	6	S	170	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 7:30	37.3	8	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 8:00	36.7	4	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 8:30	36.7	6	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 9:00	37.2	9	S	185	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 9:30	37.7	6	SE	146	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 10:00	38.9	7	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 10:30	40.4	5	SW	216	1	11/18/2021 to 2/7/2022	(not specified)	1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/2/2022 11:00	41.4	10	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 11:30	41.5	4	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 12:00	43.5	4	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 12:30	43.7	7	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 13:00	44.8	8	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 13:30	45.6	2	SW	220	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 14:00	46.4	5	S	182	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 14:30	46.8	9	S	188	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 15:00	47.3	9	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 15:30	47.3	12	S	187	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 16:00	47.4	10	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 16:30	47.7	8	SSW	204	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 17:00	47.1	6	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 17:30	46.8	9	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 18:00	46.5	5	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 18:30	45.4	4	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 19:00	44.2	8	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 19:30	44.2	9	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 20:00	44.2	10	S	185	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 20:30	44.8	8	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 21:00	45.4	6	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 21:30	45.8	5	S	190	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 22:00	45.3	8	SSW	203	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 22:30	45	11	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 23:00	45	8	SSW	197	1	11/18/2021 to 2/7/2022	(not specified)	1
1/2/2022 23:30	44.5	7	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	1
1/3/2022 0:00	44.4	9	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 0:30	44.3	12	SSW	214	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 1:00	44.3	7	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 1:30	44.2	4	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 2:00	44.4	7	SSW	199	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 2:30	44.5	9	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 3:00	44.6	4	S	188	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 3:30	44.8	4	WSW	248	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 4:00	44.9	9	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 4:30	44.2	4	S	178	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 5:00	42.1	1	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 5:30	41.9	1	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 6:00	41.6	6	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 6:30	40.3	7	SSW	203	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 7:00	39.8	5	S	184	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 7:30	39.7	10	S	186	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 8:00	39.6	5	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 8:30	39.6	12	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 9:00	38.8	5	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 9:30	38.3	6	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 10:00	37.9	6	S	177	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 10:30	37.9	6	S	171	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 11:00	38	6	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 11:30	38.3	7	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 12:00	38.6	3	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 12:30	38.8	2	S	188	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 13:00	38.6	1	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 13:30	38.2	2	S	179	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 14:00	38	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 14:30	37.8	5	S	177	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 15:00	37.2	2	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 15:30	34.7	4	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 16:00	34.7	3	WSW	244	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 16:30	35.4	2	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 17:00	35.5	0	SW	233	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 17:30	35.3	1	SW	233	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 18:00	35.6	2	WSW	253	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 18:30	36.6	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 19:00	36.5	3	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 19:30	36.7	5	SW	225	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 20:00	37	5	S	188	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 20:30	36.6	4	S	178	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 21:00	36.1	3	S	180	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 21:30	36.8	2	S	171	1	11/18/2021 to 2/7/2022	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/3/2022 22:00	36.8	5	SW	224	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 22:30	36.9	11	SSW	213	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 23:00	37.4	6	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	2
1/3/2022 23:30	37.5	6	S	173	1	11/18/2021 to 2/7/2022	(not specified)	2
1/4/2022 0:00	37.2	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 0:30	36.6	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 1:00	36.4	4	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 1:30	37	1	S	172	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 2:00	37	0	S	172	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 2:30	37.6	1	S	184	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 3:00	37.3	3	S	184	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 3:30	37.6	1	S	175	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 4:00	37.1	2	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 4:30	37.4	4	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 5:00	38	4	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 5:30	38.3	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 6:00	38.2	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 6:30	38.9	11	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 7:00	38.7	8	SSE	162	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 7:30	38.9	3	S	183	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 8:00	39.1	4	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 8:30	39	6	SSE	162	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 9:00	39.3	3	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 9:30	39.8	5	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 10:00	40.2	5	SSW	162	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 10:30	40.6	6	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 11:00	41.2	3	SW	216	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 11:30	41.6	4	S	170	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 12:00	42.3	3	SSW	212	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 12:30	42.4	3	SSW	201	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 13:00	43	3	S	174	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 13:30	43.2	3	S	180	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 14:00	43.5	2	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 14:30	43.7	2	SE	134	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 15:00	43.8	1	ENE	67	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 15:30	43.7	3	ESE	111	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 16:00	43.5	4	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 16:30	43.2	3	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 17:00	43	5	ESE	118	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 17:30	43	7	S	181	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 18:00	43	5	S	182	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 18:30	43	9	S	177	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 19:00	43.2	11	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 19:30	43.2	9	S	175	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 20:00	43.1	9	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 20:30	43.1	6	SSE	166	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 21:00	43.4	8	S	184	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 21:30	43.7	6	S	175	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 22:00	43.6	3	S	187	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 22:30	43.7	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 23:00	43.8	1	S	182	1	11/18/2021 to 2/7/2022	(not specified)	3
1/4/2022 23:30	44.5	2	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	3
1/5/2022 0:00	45.3	2	SE	143	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 0:30	45.4	1	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 1:00	45.6	1	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 1:30	45.5	0	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 2:00	45	3	S	175	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 2:30	44.8	0	SSW	201	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 3:00	44.4	2	SSW	201	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 3:30	43.8	3	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 4:00	43.8	3	S	184	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 4:30	43.3	4	S	184	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 5:00	43.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 5:30	42.9	4	S	187	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 6:00	42.7	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 6:30	42.3	2	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 7:00	42.2	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 7:30	42	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 8:00	41.7	2	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 8:30	41.9	1	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/5/2022 9:00	41.9	0	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 9:30	42.6	2	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 10:00	42.9	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 10:30	43	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 11:00	43.2	2	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 11:30	43.5	3	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 12:00	43.6	0	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 12:30	44.1	0	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 13:00	43.7	0	NNE	18	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 13:30	43.9	2	NNE	18	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 14:00	44	0	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 14:30	44.2	1	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 15:00	44.3	2	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 15:30	44.4	0	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 16:00	44.3	0	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 16:30	44.3	0	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 17:00	44.2	1	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 17:30	44.2	0	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 18:00	44.3	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 18:30	44.6	3	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 19:00	44.9	1	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 19:30	46.6	3	SSW	199	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 20:00	46.7	3	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 20:30	46.8	8	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 21:00	47.6	4	SSW	199	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 21:30	48.3	4	SSW	203	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 22:00	48.9	7	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 22:30	49.7	4	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 23:00	50	7	SW	218	1	11/18/2021 to 2/7/2022	(not specified)	4
1/5/2022 23:30	50.2	3	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	4
1/6/2022 0:00	50.9	5	SE	140	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 0:30	51.3	7	SW	236	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 1:00	51.6	8	W	261	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 1:30	51.9	6	SSW	203	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 2:00	52.1	9	SSW	210	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 2:30	52.2	7	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 3:00	52.3	3	S	173	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 3:30	52.3	5	S	180	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 4:00	52.4	3	S	172	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 4:30	52.1	4	S	185	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 5:00	52.3	6	S	175	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 5:30	52.4	4	ENE	57	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 6:00	52.5	3	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 6:30	52.7	5	S	174	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 7:00	52.8	12	S	187	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 7:30	53	7	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 8:00	52.9	7	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 8:30	52.6	11	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 9:00	52.5	11	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 9:30	53.1	10	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 10:00	53.7	10	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 10:30	53.8	7	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 11:00	53.9	8	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 11:30	52.5	8	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 12:00	52.5	8	S	172	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 12:30	52.6	8	SSW	197	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 13:00	52.4	8	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 13:30	52.7	9	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 14:00	53.1	11	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 14:30	53.4	4	S	188	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 15:00	53.4	8	SW	235	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 15:30	53.6	13	S	186	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 16:00	53.5	11	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 16:30	53.1	14	SE	146	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 17:00	52.6	5	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 17:30	52.2	7	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 18:00	51.9	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 18:30	51.9	2	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 19:00	51.6	3	S	184	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 19:30	51.5	4	SW	225	1	11/18/2021 to 2/7/2022	(not specified)	5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/6/2022 20:00	51.5	4	SSW	212	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 20:30	51.5	6	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 21:00	51.1	12	WSW	239	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 21:30	50.9	7	SSW	170	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 22:00	50	1	S	181	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 22:30	49.7	9	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 23:00	49.2	4	S	177	1	11/18/2021 to 2/7/2022	(not specified)	5
1/6/2022 23:30	48.8	5	SE	133	1	11/18/2021 to 2/7/2022	(not specified)	5
1/7/2022 0:00	48.1	6	SW	220	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 0:30	47.8	12	S	175	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 1:00	47.8	7	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 1:30	47.8	10	S	170	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 2:00	48	5	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 2:30	48.2	8	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 3:00	48.4	9	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 3:30	48.5	10	S	172	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 4:00	48.4	3	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 4:30	48.5	8	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 5:00	48.4	8	S	190	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 5:30	48.5	10	S	177	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 6:00	49.4	14	S	191	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 6:30	48.1	16	SW	222	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 7:00	46.9	16	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 7:30	45.3	6	SW	222	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 8:00	44	10	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 8:30	43.2	13	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 9:00	42.4	16	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 9:30	42.1	3	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 10:00	41.7	9	SW	229	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 10:30	41.7	2	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 11:00	42.2	2	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 11:30	42	8	S	189	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 12:00	42.7	4	S	190	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 12:30	43.4	6	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 13:00	43.2	8	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 13:30	42.6	9	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 14:00	44.4	6	S	190	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 14:30	43.8	9	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 15:00	44.2	12	SW	230	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 15:30	42.9	9	SW	224	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 16:00	42.6	3	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 16:30	41.6	8	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 17:00	40.7	5	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 17:30	39.7	6	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 18:00	39	2	SSW	197	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 18:30	38.8	1	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 19:00	39	2	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 19:30	39	0	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 20:00	38.6	0	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 20:30	38.9	0	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 21:00	39.1	3	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 21:30	39	1	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 22:00	38.7	1	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 22:30	38.6	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 23:00	38.5	2	S	186	1	11/18/2021 to 2/7/2022	(not specified)	6
1/7/2022 23:30	38.7	3	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	6
1/8/2022 0:00	38.4	2	ESE	108	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 0:30	38.8	3	NNW	341	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 1:00	39.1	0	WNW	297	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 1:30	39.4	3	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 2:00	39.4	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 2:30	39.1	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 3:00	39.4	3	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 3:30	39.5	3	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 4:00	39.6	4	S	181	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 4:30	39.6	3	S	182	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 5:00	39.6	5	S	191	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 5:30	39.4	0	S	185	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 6:00	39.2	1	S	185	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 6:30	38.9	1	S	185	1	11/18/2021 to 2/7/2022	(not specified)	7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/8/2022 7:00	38.9	2	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 7:30	38.8	4	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 8:00	39.1	5	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 8:30	39.7	2	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 9:00	40.3	2	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 9:30	41.1	1	S	175	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 10:00	41.7	4	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 10:30	42.8	2	S	185	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 11:00	44.8	6	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 11:30	45.5	3	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 12:00	46.8	0	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 12:30	47.2	1	S	171	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 13:00	47.9	2	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 13:30	48.4	0	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 14:00	48.7	1	NNE	13	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 14:30	49.3	4	S	189	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 15:00	49.2	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 15:30	47.2	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 16:00	45.2	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 16:30	43.1	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 17:00	41.1	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 17:30	39.7	1	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 18:00	38.8	1	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 18:30	37.7	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 19:00	37	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 19:30	35.5	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 20:00	35.4	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 20:30	35.6	1	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 21:00	35	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 21:30	34.2	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 22:00	32.9	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 22:30	33.5	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 23:00	33.8	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/8/2022 23:30	33.1	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	7
1/9/2022 0:00	33	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 0:30	33.8	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 1:00	32.4	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 1:30	31.8	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 2:00	32.1	1	SE	137	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 2:30	32.3	0	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 3:00	32.2	2	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 3:30	31.1	1	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 4:00	31	1	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 4:30	30.5	0	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 5:00	31.1	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 5:30	30.7	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 6:00	30.3	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 6:30	29.7	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 7:00	30.8	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 7:30	30.1	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 8:00	30.3	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 8:30	30	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 9:00	29.6	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 9:30	30.1	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 10:00	30.5	1	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 10:30	32.4	3	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 11:00	34.7	3	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 11:30	35.4	4	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 12:00	36.8	2	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 12:30	39.3	1	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 13:00	40.9	0	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 13:30	42.1	0	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 14:00	43.7	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 14:30	44.7	2	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 15:00	44.1	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 15:30	44.5	0	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 16:00	44	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 16:30	42	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 17:00	39.2	0	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 17:30	38.3	1	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/9/2022 18:00	36.6	2	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 18:30	36.1	1	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 19:00	35.4	3	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 19:30	34.7	1	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 20:00	34.8	0	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 20:30	34.5	0	SE	130	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 21:00	33.8	0	SE	127	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 21:30	32.3	0	SE	126	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 22:00	31.6	0	SE	126	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 22:30	31	3	ESE	102	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 23:00	30.6	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	1
1/9/2022 23:30	30.3	4	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	1
1/10/2022 0:00	30.5	3	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 0:30	30.8	4	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 1:00	30.7	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 1:30	30.8	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 2:00	30.7	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 2:30	30	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 3:00	29.9	0	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 3:30	29.9	0	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 4:00	30.1	0	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 4:30	30.7	1	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 5:00	31.1	2	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 5:30	31.3	0	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 6:00	31.8	1	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 6:30	31.8	2	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 7:00	32.6	1	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 7:30	33.5	3	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 8:00	33.4	2	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 8:30	33.2	3	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 9:00	33.5	0	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 9:30	34.4	2	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 10:00	35.2	1	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 10:30	36.7	2	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 11:00	36.9	0	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 11:30	38.4	2	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 12:00	38.7	0	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 12:30	40.1	1	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 13:00	40.6	1	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 13:30	42.6	0	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 14:00	44	2	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 14:30	44.1	2	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 15:00	43.8	1	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 15:30	44.2	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 16:00	44.1	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 16:30	42.6	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 17:00	41.8	1	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 17:30	39.5	1	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 18:00	40	2	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 18:30	38.9	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 19:00	38.5	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 19:30	37.1	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 20:00	38.1	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 20:30	38.9	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 21:00	39.8	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 21:30	40	0	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 22:00	40.6	2	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 22:30	41	2	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 23:00	41.2	1	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	2
1/10/2022 23:30	41.1	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	2
1/11/2022 0:00	41	3	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 0:30	41.2	0	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 1:00	40.9	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 1:30	41.7	2	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 2:00	43.8	0	S	185	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 2:30	45.3	2	SSW	210	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 3:00	43.2	9	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 3:30	42.7	3	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 4:00	44.3	6	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 4:30	44.8	5	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/11/2022 5:00	45.6	1	S	176	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 5:30	44.6	3	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 6:00	44	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 6:30	43.9	3	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 7:00	43.5	0	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 7:30	44.3	3	NE	47	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 8:00	43.6	0	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 8:30	44.9	1	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 9:00	45.8	2	ESE	103	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 9:30	46.2	1	E	99	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 10:00	46.4	4	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 10:30	46.9	4	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 11:00	48.5	3	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 11:30	50.6	4	NNE	17	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 12:00	52.9	1	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 12:30	53	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 13:00	52.8	1	S	180	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 13:30	53	2	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 14:00	53.1	3	SE	134	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 14:30	55.6	3	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 15:00	55.6	6	S	172	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 15:30	55.7	5	S	189	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 16:00	55.7	5	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 16:30	53.9	3	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 17:00	52.2	2	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 17:30	54.2	1	ESE	117	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 18:00	52.4	3	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 18:30	53.6	4	S	176	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 19:00	54.3	2	SE	125	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 19:30	53.4	6	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 20:00	53.8	4	S	182	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 20:30	54.6	5	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 21:00	54.1	11	S	178	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 21:30	54.2	4	SSE	153	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 22:00	53.5	0	N	355	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 22:30	53.7	1	ESE	104	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 23:00	55.1	2	ESE	114	1	11/18/2021 to 2/7/2022	(not specified)	3
1/11/2022 23:30	54.5	3	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/12/2022 0:00	53.2	9	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 0:30	55.1	6	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 1:00	53	3	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 1:30	51	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 2:00	50.3	3	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 2:30	49.8	5	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 3:00	50.1	4	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 3:30	50.3	4	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 4:00	50.3	1	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 4:30	52.3	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 5:00	52.7	0	S	183	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 5:30	51	1	NE	38	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 6:00	51	2	ENE	66	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 6:30	49.3	5	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 7:00	46.1	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 7:30	45.5	4	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 8:00	44.6	3	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 8:30	44.8	4	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 9:00	45.6	2	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 9:30	48.5	2	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 10:00	51.3	2	SE	128	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 10:30	54.8	4	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 11:00	56.1	5	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 11:30	57	5	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 12:00	57.3	1	SE	141	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 12:30	58	0	ESE	118	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 13:00	59	0	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 13:30	58.3	2	SE	133	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 14:00	57.8	3	NE	48	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 14:30	56.6	2	NNE	17	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 15:00	55	7	S	182	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 15:30	54.6	6	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/12/2022 16:00	54.8	1	NE	52	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 16:30	52.8	3	NE	45	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 17:00	49.9	2	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 17:30	46.8	0	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 18:00	45.9	0	NE	44	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 18:30	45.3	0	NE	44	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 19:00	45.3	0	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 19:30	46.3	0	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 20:00	45.6	0	SE	141	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 20:30	43.6	1	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 21:00	42.3	0	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 21:30	42	3	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 22:00	46.2	0	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 22:30	46.6	4	W	273	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 23:00	46.7	4	WNW	295	1	11/18/2021 to 2/7/2022	(not specified)	4
1/12/2022 23:30	45.9	3	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	4
1/13/2022 0:00	45.2	1	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 0:30	50.7	4	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 1:00	53.6	5	SSW	203	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 1:30	52.1	8	SSE	151	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 2:00	49.6	4	SSW	202	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 2:30	47.9	1	N	360	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 3:00	47.8	4	SW	228	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 3:30	48.7	2	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 4:00	48.1	4	ENE	68	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 4:30	49.5	9	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 5:00	50	9	S	186	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 5:30	50.4	3	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 6:00	50.8	8	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 6:30	50.4	2	SE	132	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 7:00	49.4	2	S	179	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 7:30	48.5	3	SE	126	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 8:00	48.3	5	S	173	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 8:30	48.2	4	S	186	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 9:00	48	1	E	90	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 9:30	48.1	4	S	170	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 10:00	48.2	6	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 10:30	48.1	4	SW	231	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 11:00	48.4	6	S	171	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 11:30	48.3	8	S	173	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 12:00	48.4	3	WSW	244	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 12:30	48.7	2	S	173	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 13:00	48.9	5	NNE	18	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 13:30	49.2	1	WNW	283	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 14:00	49.4	2	SSW	210	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 14:30	49.6	2	S	184	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 15:00	49.8	1	SW	216	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 15:30	49.9	0	SW	216	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 16:00	50.1	1	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 16:30	50	0	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 17:00	49.8	1	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 17:30	49.6	0	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 18:00	49.4	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 18:30	49.1	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 19:00	49	1	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 19:30	48.9	1	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 20:00	48.8	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 20:30	47.5	2	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 21:00	47	1	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 21:30	47.5	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 22:00	47.3	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 22:30	47.1	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 23:00	46.3	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	5
1/13/2022 23:30	45.1	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	5
1/14/2022 0:00	43.9	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 0:30	42.5	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 1:00	42	1	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 1:30	42.8	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 2:00	42.8	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 2:30	42.7	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/14/2022 3:00	42.2	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 3:30	41.6	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 4:00	41.8	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 4:30	41.7	1	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 5:00	42.2	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 5:30	42.4	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 6:00	42.8	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 6:30	42.8	2	NW	315	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 7:00	42.7	1	NW	311	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 7:30	43	0	NW	311	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 8:00	43.6	0	NW	309	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 8:30	44.2	1	NW	309	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 9:00	45.6	1	NW	309	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 9:30	45.7	1	WNW	300	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 10:00	46.3	2	WNW	294	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 10:30	46.8	0	WSW	253	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 11:00	47.2	0	WSW	253	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 11:30	47.4	1	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 12:00	47.4	2	NE	39	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 12:30	47.6	0	NNE	18	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 13:00	47.6	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 13:30	48.2	0	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 14:00	48.4	3	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 14:30	48.8	0	NNW	331	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 15:00	49.3	1	W	267	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 15:30	48.9	0	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 16:00	49.6	3	SW	233	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 16:30	48.8	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 17:00	46.7	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 17:30	46.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 18:00	43.9	1	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 18:30	42	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 19:00	41.8	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 19:30	40.8	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 20:00	40.1	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 20:30	39.5	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 21:00	38.7	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 21:30	39	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 22:00	38.5	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 22:30	36.6	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 23:00	37	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/14/2022 23:30	36.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	6
1/15/2022 0:00	35.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 0:30	35.1	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 1:00	35	2	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 1:30	35.5	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 2:00	34.9	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 2:30	34.5	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 3:00	34.9	1	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 3:30	35.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 4:00	35.5	1	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 4:30	35.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 5:00	35.9	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 5:30	36.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 6:00	36.6	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 6:30	36.6	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 7:00	36.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 7:30	36.3	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 8:00	35.8	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 8:30	36.4	3	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 9:00	36.9	2	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 9:30	37.2	3	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 10:00	37.5	1	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 10:30	38.4	0	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 11:00	39	3	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 11:30	39.6	3	N	5	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 12:00	39.6	2	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 12:30	39.3	3	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 13:00	39.2	1	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 13:30	39.3	1	WSW	252	1	11/18/2021 to 2/7/2022	(not specified)	7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/15/2022 14:00	39.4	4	WSW	251	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 14:30	39.7	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 15:00	39.9	4	WSW	250	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 15:30	41	2	NNW	330	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 16:00	40.4	1	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 16:30	39.4	3	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 17:00	38.7	4	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 17:30	38.2	3	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 18:00	38.1	0	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 18:30	38.1	2	W	273	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 19:00	38	3	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 19:30	38	2	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 20:00	38	2	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 20:30	37.6	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 21:00	37.8	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 21:30	37.5	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 22:00	37.4	2	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 22:30	37.3	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 23:00	36.9	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/15/2022 23:30	36.9	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	7
1/16/2022 0:00	36.8	2	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 0:30	36.4	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 1:00	36.2	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 1:30	36.3	2	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 2:00	36.3	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 2:30	36.3	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 3:00	36	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 3:30	35.8	2	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 4:00	35.8	1	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 4:30	35.8	2	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 5:00	35.5	1	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 5:30	35.4	3	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 6:00	35.4	0	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 6:30	35.3	1	WSW	258	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 7:00	35.2	0	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 7:30	35.2	1	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 8:00	35.2	0	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 8:30	35.2	1	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 9:00	35.3	1	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 9:30	35.5	2	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 10:00	35.8	2	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 10:30	36.1	3	W	263	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 11:00	36	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 11:30	36.2	2	W	270	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 12:00	36.4	2	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 12:30	36.9	3	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 13:00	37	2	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 13:30	37.1	2	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 14:00	37.6	3	W	265	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 14:30	38	0	WSW	250	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 15:00	38.1	0	NE	41	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 15:30	38.2	2	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 16:00	38.3	0	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 16:30	37.7	0	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 17:00	36.8	0	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 17:30	36.2	0	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 18:00	36.3	0	NW	312	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 18:30	36.5	2	WNW	284	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 19:00	36.3	0	WNW	284	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 19:30	36.3	1	WNW	284	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 20:00	36.2	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 20:30	35.9	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 21:00	36.1	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 21:30	36.5	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 22:00	36.3	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 22:30	36.7	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 23:00	36.9	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/16/2022 23:30	35.9	1	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/17/2022 0:00	36	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 0:30	36.1	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/17/2022 1:00	36.8	1	W	273	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 1:30	36.2	1	SSE	149	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 2:00	36.4	1	SSE	149	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 2:30	36.6	0	SSE	149	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 3:00	36.5	2	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 3:30	36.2	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 4:00	36.1	1	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 4:30	36.1	1	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 5:00	36.3	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 5:30	36.2	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 6:00	36.2	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 6:30	36.3	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 7:00	36.2	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 7:30	36.2	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 8:00	36	1	SSE	154	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 8:30	36.1	2	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 9:00	36.4	1	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 9:30	36.8	1	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 10:00	37.1	1	SSE	155	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 10:30	37.7	2	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 11:00	37.7	3	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 11:30	38.2	3	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 12:00	39.3	2	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 12:30	39.8	4	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 13:00	39.8	1	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 13:30	40.2	2	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 14:00	40.5	1	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 14:30	40.5	1	NNW	348	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 15:00	40.8	3	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 15:30	40.3	0	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 16:00	40.4	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 16:30	40.2	1	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 17:00	40	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 17:30	39.8	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 18:00	39.8	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 18:30	39.6	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 19:00	39.3	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 19:30	39.2	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 20:00	38.8	1	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 20:30	38.5	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 21:00	38.7	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 21:30	38.3	0	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 22:00	37	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 22:30	37.2	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 23:00	37.4	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	2
1/17/2022 23:30	37.5	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	2
1/18/2022 0:00	37.8	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 0:30	37.9	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 1:00	38	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 1:30	38.2	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 2:00	38.5	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 2:30	38.8	4	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 3:00	39.3	3	S	188	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 3:30	39.3	1	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 4:00	39.4	1	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 4:30	39.2	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 5:00	39.4	0	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 5:30	39.5	1	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 6:00	39.8	2	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 6:30	40.9	0	E	94	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 7:00	41.1	2	E	94	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 7:30	41.1	1	SSE	157	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 8:00	41.4	2	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 8:30	42	3	SSE	154	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 9:00	42.5	0	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 9:30	43.3	3	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 10:00	44.2	0	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 10:30	45.3	1	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 11:00	46.4	2	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 11:30	46.5	4	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/18/2022 12:00	47.6	6	ESE	115	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 12:30	48.2	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 13:00	47.6	2	ESE	112	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 13:30	48.1	0	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 14:00	49.9	5	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 14:30	51.6	1	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 15:00	51.4	5	S	186	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 15:30	50.9	0	SE	146	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 16:00	49.9	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 16:30	48.6	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 17:00	47.4	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 17:30	47.4	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 18:00	47.6	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 18:30	48.3	0	NNE	16	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 19:00	48.3	0	NNE	16	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 19:30	48.1	2	NNE	13	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 20:00	48.3	1	NNE	13	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 20:30	48.3	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 21:00	48	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 21:30	48	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 22:00	47.8	1	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 22:30	47.9	1	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 23:00	48	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/18/2022 23:30	47.7	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	3
1/19/2022 0:00	47.4	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 0:30	47.1	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 1:00	46.4	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 1:30	45.7	0	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 2:00	46.3	2	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 2:30	47	2	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 3:00	47.4	1	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 3:30	47.6	1	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 4:00	47.9	5	SW	229	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 4:30	47.9	4	SSE	160	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 5:00	48.1	1	S	181	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 5:30	48	0	S	181	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 6:00	48.4	2	S	181	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 6:30	48.5	2	S	171	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 7:00	48.3	1	S	173	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 7:30	48.2	0	S	173	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 8:00	48.4	2	S	176	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 8:30	48.5	1	S	182	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 9:00	48.7	2	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 9:30	48.7	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 10:00	49	2	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 10:30	49.3	5	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 11:00	49.4	5	S	174	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 11:30	49.6	7	SSE	156	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 12:00	49.8	3	S	187	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 12:30	50	4	SSE	152	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 13:00	50.5	4	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 13:30	50.6	4	S	185	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 14:00	51	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 14:30	51.2	4	SE	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 15:00	51.5	2	S	178	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 15:30	51.6	3	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 16:00	51.6	6	S	179	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 16:30	51.6	3	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 17:00	51.7	4	SSE	147	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 17:30	51.7	4	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 18:00	51.8	2	S	189	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 18:30	51.8	1	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 19:00	51.9	3	S	186	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 19:30	51.9	2	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 20:00	51.9	2	SW	226	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 20:30	52.1	4	WSW	250	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 21:00	52.2	3	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 21:30	52.3	2	S	185	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 22:00	52.3	8	SSE	156	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 22:30	52.2	5	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/19/2022 23:00	52.3	8	SSE	162	1	11/18/2021 to 2/7/2022	(not specified)	4
1/19/2022 23:30	52.4	4	S	142	1	11/18/2021 to 2/7/2022	(not specified)	4
1/20/2022 0:00	52.6	2	SSW	199	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 0:30	52.6	3	SSW	210	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 1:00	52.8	6	SSE	156	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 1:30	53.1	3	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 2:00	52.7	4	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 2:30	52.6	2	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 3:00	52.5	3	S	182	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 3:30	52.7	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 4:00	52.5	4	S	191	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 4:30	52.5	0	SSE	156	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 5:00	52.3	2	ESE	117	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 5:30	52.1	0	ESE	117	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 6:00	52.1	0	ESE	117	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 6:30	52.9	4	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 7:00	52.3	1	WSW	246	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 7:30	52.5	4	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 8:00	52.9	4	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 8:30	52.6	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 9:00	52.3	3	SSW	213	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 9:30	52.4	4	S	186	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 10:00	52.9	3	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 10:30	52.8	6	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 11:00	53.2	4	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 11:30	53.5	8	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 12:00	54.5	4	SSW	214	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 12:30	54.6	7	SSW	202	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 13:00	55.3	6	SW	236	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 13:30	55.6	10	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 14:00	55.3	8	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 14:30	53.8	11	S	186	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 15:00	54.4	9	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 15:30	53.2	4	SW	218	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 16:00	51.5	6	S	181	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 16:30	49.8	8	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 17:00	47.9	7	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 17:30	47	0	SSW	213	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 18:00	45.6	1	S	190	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 18:30	44.5	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 19:00	43.6	1	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 19:30	43	3	SSW	201	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 20:00	43.8	1	WSW	250	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 20:30	43.6	3	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 21:00	41.7	1	S	188	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 21:30	40.7	1	S	188	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 22:00	40	1	S	188	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 22:30	40.3	1	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 23:00	40.6	0	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	5
1/20/2022 23:30	39.6	0	W	273	1	11/18/2021 to 2/7/2022	(not specified)	5
1/21/2022 0:00	38.3	0	W	273	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 0:30	36.9	1	W	273	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 1:00	35.6	2	W	265	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 1:30	36.6	0	W	265	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 2:00	35.7	0	W	265	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 2:30	35	0	W	265	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 3:00	35	0	W	265	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 3:30	34.8	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 4:00	32.4	2	W	263	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 4:30	32.9	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 5:00	33.1	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 5:30	33.2	1	W	262	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 6:00	33.9	0	W	262	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 6:30	33.6	3	W	262	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 7:00	32.7	2	WSW	241	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 7:30	33.1	2	WSW	241	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 8:00	32	3	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 8:30	32.8	2	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 9:00	34	1	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 9:30	38.4	1	W	261	1	11/18/2021 to 2/7/2022	(not specified)	6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/21/2022 10:00	40.4	3	W	261	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 10:30	42.2	2	NE	54	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 11:00	43.6	7	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 11:30	43.7	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 12:00	44.6	9	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 12:30	45.3	5	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 13:00	45.6	5	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 13:30	45.6	2	NE	43	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 14:00	45.8	1	ENE	65	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 14:30	45.7	6	NE	38	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 15:00	45.7	6	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 15:30	45.2	1	ENE	67	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 16:00	45.2	3	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 16:30	44.5	3	NE	43	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 17:00	43.7	1	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 17:30	42.8	0	NE	49	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 18:00	42.2	1	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 18:30	42.3	0	NE	56	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 19:00	42.6	1	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 19:30	42.7	0	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 20:00	42.7	2	NNE	14	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 20:30	42.9	1	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 21:00	42.8	3	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 21:30	42.7	5	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 22:00	42.5	5	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 22:30	42.4	7	NNE	16	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 23:00	42.2	4	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	6
1/21/2022 23:30	42	3	N	5	1	11/18/2021 to 2/7/2022	(not specified)	6
1/22/2022 0:00	41.6	2	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 0:30	41.4	3	NNE	16	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 1:00	41.3	3	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 1:30	41.3	5	NE	44	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 2:00	41.3	3	NNW	336	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 2:30	41.3	4	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 3:00	41.1	5	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 3:30	41.1	4	E	84	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 4:00	41.1	3	N	9	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 4:30	41.1	3	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 5:00	41.2	2	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 5:30	41	0	NE	49	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 6:00	40.9	3	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 6:30	40.6	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 7:00	40.5	2	ENE	76	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 7:30	40.3	6	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 8:00	40.2	2	E	101	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 8:30	40.2	1	E	94	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 9:00	40.4	4	NE	55	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 9:30	40.5	2	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 10:00	40.7	2	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 10:30	41	1	N	355	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 11:00	41.3	4	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 11:30	41.6	4	NE	46	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 12:00	41.8	1	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 12:30	41.9	0	ENE	61	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 13:00	41.8	3	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 13:30	42.2	4	NE	53	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 14:00	42.7	2	SSE	152	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 14:30	43.4	0	NE	49	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 15:00	45.2	1	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 15:30	45.6	2	W	269	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 16:00	45.6	0	NE	55	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 16:30	45.3	5	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 17:00	43.7	1	SW	215	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 17:30	43.2	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 18:00	42.8	0	N	5	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 18:30	43	2	ESE	104	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 19:00	42.7	1	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 19:30	39.1	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 20:00	35.5	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 20:30	34.3	2	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/22/2022 21:00	33.4	1	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 21:30	33	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 22:00	33	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 22:30	32.7	1	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 23:00	33	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/22/2022 23:30	32.9	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	7
1/23/2022 0:00	31.7	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 0:30	32.1	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 1:00	31.8	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 1:30	31.7	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 2:00	30.1	2	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 2:30	29.2	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 3:00	29.5	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 3:30	29.4	1	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 4:00	28.7	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 4:30	28.3	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 5:00	27.8	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 5:30	27.5	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 6:00	27.2	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 6:30	27.1	5	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 7:00	27	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 7:30	26.8	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 8:00	26.7	2	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 8:30	27	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 9:00	27.8	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 9:30	28.3	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 10:00	30	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 10:30	32.4	3	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 11:00	34	2	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 11:30	35	6	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 12:00	35.6	8	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 12:30	36.3	6	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 13:00	37.2	5	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 13:30	37.8	9	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 14:00	39.1	7	NNE	18	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 14:30	38.2	5	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 15:00	38.2	8	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 15:30	38.1	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 16:00	37.9	4	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 16:30	38	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 17:00	37.2	3	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 17:30	35.7	2	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 18:00	34.6	2	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 18:30	34.2	1	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 19:00	32.8	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 19:30	33.3	1	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 20:00	32.8	0	ENE	78	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 20:30	32.4	0	ENE	78	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 21:00	32	0	ENE	78	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 21:30	31.4	0	ENE	78	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 22:00	30.5	0	ENE	78	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 22:30	30.1	3	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 23:00	29.9	0	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	1
1/23/2022 23:30	29.7	0	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	1
1/24/2022 0:00	30.1	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 0:30	30.5	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 1:00	30.9	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 1:30	30.3	1	SW	236	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 2:00	29.8	3	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 2:30	29.2	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 3:00	28.8	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 3:30	28.7	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 4:00	28.9	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 4:30	28.8	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 5:00	29.1	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 5:30	28.9	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 6:00	29	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 6:30	29	1	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 7:00	29.1	0	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 7:30	29.7	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/24/2022 8:00	29.4	1	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 8:30	29.7	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 9:00	29.4	4	SSW	206	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 9:30	30.4	0	NNE	12	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 10:00	31.4	0	NNW	327	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 10:30	31.8	6	W	270	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 11:00	31.7	1	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 11:30	32.7	1	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 12:00	33.5	0	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 12:30	33.9	0	ESE	104	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 13:00	35.2	2	SSE	151	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 13:30	36	4	N	360	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 14:00	36.1	0	N	360	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 14:30	36.5	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 15:00	36	3	WNW	290	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 15:30	35.7	4	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 16:00	35.4	3	W	261	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 16:30	35.5	0	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 17:00	35	3	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 17:30	35	5	WSW	251	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 18:00	34.6	4	NW	313	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 18:30	34.8	1	NW	317	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 19:00	34.8	4	NW	309	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 19:30	34.5	3	NW	315	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 20:00	34.4	3	W	263	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 20:30	33.8	3	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 21:00	33.3	1	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 21:30	32.6	2	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 22:00	32.4	2	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 22:30	32.2	1	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 23:00	31.9	2	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	2
1/24/2022 23:30	31.7	0	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	2
1/25/2022 0:00	32.4	2	NW	310	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 0:30	32.2	3	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 1:00	31.4	2	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 1:30	31.1	2	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 2:00	30.5	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 2:30	30	1	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 3:00	29.6	1	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 3:30	29.2	1	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 4:00	28.8	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 4:30	28.2	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 5:00	27.4	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 5:30	26.8	0	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 6:00	26.7	3	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 6:30	26.1	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 7:00	25.6	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 7:30	25.3	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 8:00	25.2	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 8:30	25.3	0	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 9:00	26.8	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 9:30	27.8	1	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 10:00	29.3	3	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 10:30	31.6	4	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 11:00	33.2	3	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 11:30	36.8	0	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 12:00	39.5	4	WSW	244	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 12:30	41.7	2	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 13:00	44	6	W	261	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 13:30	45.3	1	ENE	70	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 14:00	45.4	3	ENE	77	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 14:30	46.1	1	NE	46	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 15:00	47.3	4	NE	52	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 15:30	48.8	0	NE	47	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 16:00	48.4	2	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 16:30	47.7	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 17:00	45.1	2	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 17:30	41.4	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 18:00	37.2	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 18:30	35.7	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/25/2022 19:00	34.5	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 19:30	33.4	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 20:00	32.8	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 20:30	31	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 21:00	31.3	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 21:30	31.9	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 22:00	30.9	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 22:30	30.4	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 23:00	28.5	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/25/2022 23:30	30.1	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	3
1/26/2022 0:00	30.1	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 0:30	28.3	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 1:00	27.1	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 1:30	27.8	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 2:00	26.8	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 2:30	27.1	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 3:00	27.3	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 3:30	25.7	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 4:00	25.1	1	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 4:30	26.1	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 5:00	26	2	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 5:30	24.4	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 6:00	23.3	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 6:30	23.6	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 7:00	24.7	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 7:30	24.8	0	W	263	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 8:00	24.5	2	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 8:30	24.3	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 9:00	25.2	3	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 9:30	26.3	0	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 10:00	28.2	1	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 10:30	30.6	4	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 11:00	32.2	3	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 11:30	33.7	2	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 12:00	36.4	1	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 12:30	39.1	1	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 13:00	40.2	1	NE	39	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 13:30	41.5	2	WSW	248	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 14:00	42.8	3	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 14:30	43.4	2	NE	49	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 15:00	44.7	1	NE	54	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 15:30	45	4	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 16:00	44.8	2	ENE	57	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 16:30	44	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 17:00	42.8	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 17:30	37.3	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 18:00	35.5	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 18:30	34.6	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 19:00	33.3	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 19:30	32	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 20:00	31.8	2	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 20:30	31.3	2	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 21:00	30.7	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 21:30	29.9	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 22:00	28.5	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 22:30	28.7	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 23:00	27.8	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/26/2022 23:30	27.2	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	4
1/27/2022 0:00	27.3	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 0:30	26.6	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 1:00	26.4	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 1:30	26.8	2	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 2:00	26.4	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 2:30	25.9	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 3:00	25.8	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 3:30	24.6	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 4:00	24.3	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 4:30	24.7	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 5:00	24	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 5:30	24.5	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/27/2022 6:00	25.9	2	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 6:30	25.9	0	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 7:00	24.7	1	ENE	58	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 7:30	24.5	2	WNW	286	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 8:00	24.8	0	WNW	285	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 8:30	24.6	1	SW	225	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 9:00	31.9	2	S	185	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 9:30	34.8	4	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 10:00	36.5	3	SW	231	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 10:30	38.5	2	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 11:00	40	3	WSW	252	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 11:30	41.5	2	NE	45	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 12:00	43.2	5	WSW	251	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 12:30	43.6	5	SSW	208	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 13:00	45	4	WSW	259	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 13:30	46.1	0	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 14:00	47	7	W	267	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 14:30	47.9	6	W	260	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 15:00	48.4	8	W	271	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 15:30	49	1	WSW	253	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 16:00	48.6	2	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 16:30	48.2	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 17:00	46.5	2	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 17:30	41.2	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 18:00	41	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 18:30	36.4	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 19:00	34.2	0	ESE	105	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 19:30	32.7	2	SE	125	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 20:00	30.7	1	SE	140	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 20:30	31.6	0	ESE	108	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 21:00	31	1	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 21:30	30.5	2	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 22:00	29.9	1	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 22:30	29	2	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 23:00	28.7	1	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	5
1/27/2022 23:30	28.4	2	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	5
1/28/2022 0:00	27.7	1	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 0:30	27.6	3	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 1:00	31.9	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 1:30	27.4	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 2:00	26.7	2	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 2:30	26.1	2	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 3:00	26	1	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 3:30	25.5	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 4:00	25	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 4:30	25.3	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 5:00	24.8	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 5:30	24.8	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 6:00	25	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 6:30	25.8	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 7:00	25.5	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 7:30	25.9	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 8:00	24.6	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 8:30	26	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 9:00	27.4	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 9:30	28.2	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 10:00	29.5	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 10:30	34.3	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 11:00	37.7	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 11:30	41.3	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 12:00	41.8	7	NE	47	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 12:30	41.4	4	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 13:00	42.9	1	NNW	333	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 13:30	44.2	1	W	267	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 14:00	44.6	5	NE	42	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 14:30	45.5	4	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 15:00	46.7	2	NE	37	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 15:30	46.5	1	NNE	16	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 16:00	45.2	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 16:30	43.8	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/28/2022 17:00	42.2	0	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 17:30	38.4	0	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 18:00	35.5	1	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 18:30	35.5	1	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 19:00	34.7	1	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 19:30	34.7	2	NNE	25	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 20:00	33.4	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 20:30	32.3	2	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 21:00	32.1	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 21:30	32.3	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 22:00	32.2	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 22:30	31.7	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 23:00	30.6	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/28/2022 23:30	30.1	1	S	178	1	11/18/2021 to 2/7/2022	(not specified)	6
1/29/2022 0:00	28.5	3	S	178	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 0:30	27.9	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 1:00	29.1	2	S	178	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 1:30	28.4	1	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 2:00	27.3	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 2:30	26.7	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 3:00	27.4	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 3:30	26.1	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 4:00	25.1	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 4:30	24.4	2	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 5:00	24	1	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 5:30	25.8	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 6:00	25.7	0	S	180	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 6:30	26.4	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 7:00	27.2	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 7:30	26.1	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 8:00	25.5	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 8:30	26.4	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 9:00	26.8	0	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 9:30	29	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 10:00	30.5	1	ESE	120	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 10:30	33.6	0	ESE	110	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 11:00	36.6	2	N	10	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 11:30	38.6	3	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 12:00	40.7	2	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 12:30	43.1	0	ENE	59	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 13:00	44.6	2	NNW	331	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 13:30	45.7	2	NNW	347	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 14:00	46.6	1	N	360	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 14:30	46.8	1	N	5	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 15:00	46.9	0	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 15:30	48.1	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 16:00	47.2	2	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 16:30	45.6	3	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 17:00	44	2	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 17:30	40.9	0	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 18:00	37.4	1	NE	35	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 18:30	35.3	1	NE	46	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 19:00	36.4	0	E	81	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 19:30	35.3	0	E	81	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 20:00	35.4	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 20:30	34.4	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 21:00	33.3	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 21:30	32.5	2	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 22:00	30.6	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 22:30	30.9	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 23:00	31	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/29/2022 23:30	31.8	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	7
1/30/2022 0:00	30.8	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 0:30	29.9	0	E	83	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 1:00	30.9	1	E	83	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 1:30	29.1	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 2:00	29.7	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 2:30	29.6	0	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 3:00	30.7	0	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 3:30	31.1	3	WSW	240	1	11/18/2021 to 2/7/2022	(not specified)	1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/30/2022 4:00	32	3	SE	140	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 4:30	32.6	4	SE	138	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 5:00	32	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 5:30	32	2	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 6:00	31.1	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 6:30	31.3	3	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 7:00	30.5	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 7:30	29.3	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 8:00	28.7	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 8:30	30.1	0	WNW	282	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 9:00	31.5	2	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 9:30	32.6	2	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 10:00	33.4	1	SW	226	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 10:30	38.6	3	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 11:00	43.4	5	SSE	158	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 11:30	46.7	3	SSE	149	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 12:00	47.4	6	S	171	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 12:30	47.3	6	SSE	162	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 13:00	48	4	SW	222	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 13:30	48.2	3	SE	139	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 14:00	47.8	3	SSW	199	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 14:30	48.2	3	S	175	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 15:00	49	10	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 15:30	49.7	2	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 16:00	50.5	10	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 16:30	49.6	7	S	183	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 17:00	49	7	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 17:30	48.4	4	SW	219	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 18:00	47.6	7	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 18:30	45.8	5	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 19:00	45.5	11	SW	230	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 19:30	44.5	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 20:00	42.9	1	ESE	107	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 20:30	43.4	14	SSW	198	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 21:00	42.8	12	S	171	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 21:30	42.7	13	S	172	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 22:00	42.2	4	SSW	202	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 22:30	41	3	S	187	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 23:00	40.2	3	SSW	211	1	11/18/2021 to 2/7/2022	(not specified)	1
1/30/2022 23:30	40.9	4	S	187	1	11/18/2021 to 2/7/2022	(not specified)	1
1/31/2022 0:00	40.3	10	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 0:30	39.9	7	S	183	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 1:00	39.2	4	SSW	204	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 1:30	37.7	0	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 2:00	36.8	1	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 2:30	36.5	0	S	173	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 3:00	35.7	0	S	173	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 3:30	35.5	1	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 4:00	35.6	1	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 4:30	34.7	0	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 5:00	34.6	0	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 5:30	34.4	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 6:00	34.5	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 6:30	33.3	2	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 7:00	33.9	0	S	182	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 7:30	35.1	2	S	191	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 8:00	36.2	2	S	191	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 8:30	37.2	2	SW	217	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 9:00	37.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 9:30	40	2	SSW	192	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 10:00	41	4	SSE	153	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 10:30	42.2	4	SW	232	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 11:00	43.7	2	SE	137	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 11:30	44.2	6	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 12:00	42.8	5	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 12:30	44.4	6	S	180	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 13:00	44.3	4	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 13:30	46.1	3	S	175	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 14:00	44.5	4	S	190	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 14:30	45.9	12	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/31/2022 15:00	45.5	6	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 15:30	45.8	4	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 16:00	46.3	4	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 16:30	44.7	6	SSW	210	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 17:00	42.7	2	SSW	202	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 17:30	40.9	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 18:00	39	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 18:30	37.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 19:00	35.7	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 19:30	35.7	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 20:00	34.3	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 20:30	33.8	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 21:00	34.2	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 21:30	33.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 22:00	33.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 22:30	32.8	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 23:00	32.5	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
1/31/2022 23:30	32.5	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	2
2/1/2022 0:00	31.7	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 0:30	31.6	3	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 1:00	32.7	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 1:30	32.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 2:00	32.1	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 2:30	32.8	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 3:00	32.1	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 3:30	31.7	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 4:00	32	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 4:30	32.4	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 5:00	30.7	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 5:30	30.9	0	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 6:00	31.3	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 6:30	30.1	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 7:00	29.1	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 7:30	29.4	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 8:00	30.4	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 8:30	31.9	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 9:00	32.4	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 9:30	33	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 10:00	34.5	1	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 10:30	36.4	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 11:00	38.5	2	SSW	200	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 11:30	39.1	1	SE	144	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 12:00	41.2	4	S	171	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 12:30	42.4	1	S	171	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 13:00	42.4	1	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 13:30	43.4	4	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 14:00	43.1	2	NE	49	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 14:30	42.7	0	NE	44	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 15:00	43	3	SW	223	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 15:30	43	0	WSW	257	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 16:00	42.3	1	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 16:30	41.6	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 17:00	40.8	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 17:30	40.2	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 18:00	39.4	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 18:30	39.1	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 19:00	39	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 19:30	39.1	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 20:00	39.1	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 20:30	38.8	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 21:00	38.5	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 21:30	38.8	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 22:00	38.4	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 22:30	38.9	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 23:00	38.7	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/1/2022 23:30	38.5	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	3
2/2/2022 0:00	38.9	0	NE	51	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 0:30	39.2	0	NE	52	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 1:00	39.3	1	SSE	147	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 1:30	39.3	3	S	180	1	11/18/2021 to 2/7/2022	(not specified)	4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/2/2022 2:00	39.7	2	S	188	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 2:30	40	1	S	181	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 3:00	40.1	2	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 3:30	40	1	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 4:00	39.7	4	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 4:30	38.9	5	S	173	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 5:00	38.9	1	SE	140	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 5:30	39	1	S	173	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 6:00	38.9	2	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 6:30	38.9	8	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 7:00	38.8	3	SSW	197	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 7:30	38.7	2	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 8:00	38.9	3	S	180	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 8:30	39.2	3	SE	137	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 9:00	39.5	5	SE	144	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 9:30	40.3	4	S	175	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 10:00	40.7	4	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 10:30	41	5	S	171	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 11:00	41.6	2	S	179	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 11:30	42.2	4	SSE	164	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 12:00	42.9	4	S	175	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 12:30	44	3	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 13:00	44.1	4	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 13:30	44.7	10	SSE	169	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 14:00	45	7	SE	136	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 14:30	45.4	6	S	173	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 15:00	45	5	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 15:30	45	3	SSW	195	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 16:00	45.2	3	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 16:30	45.3	1	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 17:00	44.8	3	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 17:30	43.3	5	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 18:00	43.1	3	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 18:30	42.7	0	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 19:00	42.1	0	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 19:30	42.1	0	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 20:00	42.2	1	S	191	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 20:30	42	2	S	190	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 21:00	42.2	4	SSW	207	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 21:30	42.1	3	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 22:00	42.1	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 22:30	41.6	3	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 23:00	41.6	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	4
2/2/2022 23:30	41.2	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	4
2/3/2022 0:00	40.5	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 0:30	40.3	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 1:00	40	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 1:30	39.8	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 2:00	40.1	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 2:30	40.4	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 3:00	39.5	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 3:30	38.3	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 4:00	36.9	1	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 4:30	36.6	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 5:00	35.7	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 5:30	34.4	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 6:00	35	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 6:30	35.6	2	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 7:00	35.9	0	SSW	196	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 7:30	37	1	S	176	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 8:00	38.1	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 8:30	38.1	0	SSE	163	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 9:00	39.6	2	SE	135	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 9:30	41.5	0	SSE	154	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 10:00	43.4	2	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 10:30	44.7	5	NNE	12	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 11:00	45	1	WSW	252	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 11:30	48	4	SW	225	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 12:00	49.2	7	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 12:30	49.7	4	SW	229	1	11/18/2021 to 2/7/2022	(not specified)	5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/3/2022 13:00	49.7	0	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 13:30	51.1	0	SW	221	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 14:00	52.1	3	WNW	292	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 14:30	52.4	1	SW	228	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 15:00	53.7	1	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 15:30	52.9	1	SE	138	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 16:00	52.3	2	N	5	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 16:30	52.5	1	N	5	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 17:00	50.2	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 17:30	45.4	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 18:00	42.2	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 18:30	41.4	1	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 19:00	40.5	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 19:30	39.1	0	NNE	13	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 20:00	37.3	2	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 20:30	37.2	1	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 21:00	37.3	1	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 21:30	36.7	1	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 22:00	36.4	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 22:30	35	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 23:00	35.3	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/3/2022 23:30	34.2	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	5
2/4/2022 0:00	33.5	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 0:30	33.1	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 1:00	32.9	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 1:30	32.5	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 2:00	34	1	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 2:30	34.7	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 3:00	35.2	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 3:30	35.7	2	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 4:00	35.7	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 4:30	36.3	0	N	11	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 5:00	36.3	3	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 5:30	36.5	0	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 6:00	37.5	0	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 6:30	37.7	1	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 7:00	37.4	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 7:30	37.2	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 8:00	36.6	0	SSE	167	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 8:30	37.2	3	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 9:00	37.7	0	S	184	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 9:30	38.1	3	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 10:00	38.8	4	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 10:30	40.2	2	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 11:00	41.4	4	NNE	27	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 11:30	42.7	3	N	360	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 12:00	42.8	4	SSE	148	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 12:30	43	6	SSE	159	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 13:00	44.7	1	ESE	118	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 13:30	46.4	0	SSE	168	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 14:00	45.5	2	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 14:30	45.6	2	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 15:00	46	4	SSE	166	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 15:30	46.8	4	SSE	161	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 16:00	47.9	5	SSW	214	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 16:30	47.7	2	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 17:00	47.2	1	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 17:30	46.6	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 18:00	46.3	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 18:30	46.4	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 19:00	46.2	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 19:30	45	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 20:00	43.9	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 20:30	43.9	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 21:00	43.9	0	S	187	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 21:30	44.9	3	SE	143	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 22:00	45.3	2	SSE	151	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 22:30	43.4	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 23:00	43	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6
2/4/2022 23:30	43	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/5/2022 0:00	41.4	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 0:30	41.5	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 1:00	39.8	0	S	179	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 1:30	41.6	1	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 2:00	40.8	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 2:30	40.4	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 3:00	40.7	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 3:30	40.3	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 4:00	41.1	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 4:30	40.4	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 5:00	37.8	0	SSE	165	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 5:30	39.7	2	NNE	22	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 6:00	40.1	2	NNE	23	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 6:30	41.1	1	NNW	336	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 7:00	41.7	0	NNW	333	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 7:30	41.3	0	NNW	333	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 8:00	41.4	0	ESE	115	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 8:30	41.6	0	SSW	194	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 9:00	42.1	4	SSW	193	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 9:30	42.7	1	WSW	238	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 10:00	43.4	10	NNE	24	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 10:30	44.3	8	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 11:00	44.9	7	NNE	17	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 11:30	45.8	5	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 12:00	46.4	3	N	5	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 12:30	47	6	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 13:00	47.4	4	WSW	256	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 13:30	47.1	3	W	261	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 14:00	47.7	4	W	267	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 14:30	48	1	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 15:00	48.3	10	WSW	252	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 15:30	48.9	1	WSW	254	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 16:00	48.2	2	SSW	205	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 16:30	48.2	3	NNE	17	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 17:00	46.6	3	E	85	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 17:30	45.5	2	S	188	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 18:00	44.3	2	SSW	209	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 18:30	44.2	4	S	171	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 19:00	44	3	WSW	250	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 19:30	43.6	2	SW	233	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 20:00	43.6	1	E	96	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 20:30	44	5	W	262	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 21:00	43.7	3	SW	234	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 21:30	43.4	1	W	265	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 22:00	42.3	1	ESE	120	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 22:30	42.5	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 23:00	40.8	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	7
2/5/2022 23:30	40.4	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	7
2/6/2022 0:00	39.7	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 0:30	36	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 1:00	33.7	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 1:30	32.3	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 2:00	32.3	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 2:30	32.7	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 3:00	32.1	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 3:30	30.8	2	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 4:00	31	2	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 4:30	30.8	1	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 5:00	32.1	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 5:30	31.6	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 6:00	31.4	0	ESE	119	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 6:30	29.3	0	NE	48	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 7:00	29	0	NE	48	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 7:30	30.9	0	NE	48	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 8:00	29.5	3	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 8:30	30.1	0	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 9:00	31.5	1	NNE	33	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 9:30	31.6	2	NE	38	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 10:00	33.2	1	NE	38	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 10:30	36.7	0	NE	36	1	11/18/2021 to 2/7/2022	(not specified)	1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/6/2022 11:00	38.7	3	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 11:30	39.9	4	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 12:00	41.4	5	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 12:30	41.1	2	NNE	26	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 13:00	42.8	3	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 13:30	44.5	3	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 14:00	46.9	2	NNE	34	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 14:30	47.7	4	NNE	21	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 15:00	48.6	3	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 15:30	49.3	3	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 16:00	49	2	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 16:30	49.1	3	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 17:00	46.2	2	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 17:30	43	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 18:00	40.9	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 18:30	39.9	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 19:00	39.9	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 19:30	38.6	0	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 20:00	36.4	1	NNE	20	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 20:30	35.5	1	NNE	19	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 21:00	36	2	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 21:30	35.3	0	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 22:00	34	4	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 22:30	36.7	2	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 23:00	34.5	3	SE	126	1	11/18/2021 to 2/7/2022	(not specified)	1
2/6/2022 23:30	32.4	1	SE	144	1	11/18/2021 to 2/7/2022	(not specified)	1
2/7/2022 0:00	31	0	SE	144	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 0:30	32.3	0	SE	145	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 1:00	31.7	0	SE	145	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 1:30	31.5	0	SSE	150	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 2:00	31.3	3	NE	46	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 2:30	30.9	0	S	178	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 3:00	31.8	0	S	175	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 3:30	32.3	2	S	175	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 4:00	32.8	2	S	177	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 4:30	33	0	S	177	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 5:00	32.8	0	S	177	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 5:30	32.8	3	NNE	29	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 6:00	32.3	0	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 6:30	32.4	3	WSW	251	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 7:00	32.1	0	SW	229	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 7:30	32.8	2	SW	229	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 8:00	33.7	4	NE	41	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 8:30	35.5	3	NNE	32	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 9:00	35.7	0	WSW	241	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 9:30	37.8	0	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 10:00	38.9	1	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 10:30	40.3	1	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 11:00	42.5	0	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 11:30	43.6	2	WSW	242	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 12:00	46.6	1	WSW	243	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 12:30	49.2	4	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 13:00	51.3	2	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 13:30	52.6	4	NNE	30	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 14:00	53	1	NNW	339	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 14:30	52.9	2	N	355	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 15:00	52.9	0	N	355	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 15:30	52.4	0	N	355	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 16:00	52.9	4	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 16:30	53.5	2	NNE	31	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 17:00	52.9	0	NNE	28	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 17:30	51.2	2	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 18:00	49.3	0	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 18:30	47	0	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 19:00	44.9	1	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 19:30	42.8	0	NE	40	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 20:00	41.9	0	NE	41	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 20:30	41.7	2	NE	47	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 21:00	42.2	0	NE	48	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 21:30	39.5	0	ENE	76	1	11/18/2021 to 2/7/2022	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/7/2022 22:00	38.3	2	E	84	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 22:30	37.3	2	E	84	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 23:00	36.1	2	E	84	1	11/18/2021 to 2/7/2022	(not specified)	2
2/7/2022 23:30	34.7	2	SW	227	1	11/18/2021 to 2/7/2022	(not specified)	2
7/1/2022 0:00	58	2	S	188				6
7/1/2022 0:30	57.3	2	SW	215				6
7/1/2022 1:00	56.3	0	SW	215				6
7/1/2022 1:30	55.1	0	SW	215				6
7/1/2022 2:00	54	0	SW	215				6
7/1/2022 2:30	53.1	0	SW	215				6
7/1/2022 3:00	52.3	0	SW	215				6
7/1/2022 3:30	51.9	0	SW	215				6
7/1/2022 4:00	51.3	0	SW	215				6
7/1/2022 4:30	50.7	0	SW	215				6
7/1/2022 5:00	50.5	0	SW	215				6
7/1/2022 5:30	50.6	0	SW	215				6
7/1/2022 6:00	49.7	0	SW	215				6
7/1/2022 6:30	51.5	0	SW	215				6
7/1/2022 7:00	53.5	0	SW	215				6
7/1/2022 7:30	55.7	1	SW	217				6
7/1/2022 8:00	56.9	0	SW	217				6
7/1/2022 8:30	58.3	0	SW	217				6
7/1/2022 9:00	59.9	3	SW	219				6
7/1/2022 9:30	61.4	1	SW	224				6
7/1/2022 10:00	62.8	0	SW	228	2	7/1/2022	10:00 AM	6
7/1/2022 10:30	64.6	0	SW	229				6
7/1/2022 11:00	67.3	4	NNW	342				6
7/1/2022 11:30	67.3	3	NNW	342				6
7/1/2022 12:00	68.1	2	NNW	340				6
7/1/2022 12:30	68.6	7	NNE	19				6
7/1/2022 13:00	69.8	2	NW	326				6
7/1/2022 13:30	71.9	2	NW	306				6
7/1/2022 14:00	71.7	1	W	275				6
7/1/2022 14:30	73.4	6	SW	218				6
7/1/2022 15:00	74.4	4	ENE	57				6
7/1/2022 15:30	75.2	3	SSW	207				6
7/1/2022 16:00	75.8	8	N	5				6
7/1/2022 16:30	76.5	7	NNE	12				6
7/1/2022 17:00	76.6	1	NNW	338				6
7/1/2022 17:30	76.8	7	NNE	18				6
7/1/2022 18:00	77.1	1	SW	228				6
7/1/2022 18:30	76.6	1	NW	305				6
7/1/2022 19:00	76	4	SW	234				6
7/1/2022 19:30	74.5	2	WSW	254				6
7/1/2022 20:00	70.4	2	SSW	199				6
7/1/2022 20:30	66.2	6	SW	223				6
7/1/2022 21:00	63.7	6	SSW	211				6
7/1/2022 21:30	61.9	4	SSW	201				6
7/1/2022 22:00	60.5	3	SSW	197				6
7/1/2022 22:30	59.3	3	SSW	200				6
7/1/2022 23:00	58.2	3	SSW	200				6
7/1/2022 23:30	57.7	3	SSW	195				6
7/26/2022 0:00	66	2	SW	232				3
7/26/2022 0:30	65.6	2	SW	232				3
7/26/2022 1:00	64.5	2	SW	232				3
7/26/2022 1:30	64	1	SW	232				3
7/26/2022 2:00	62.7	1	SW	232				3
7/26/2022 2:30	63.7	0	SW	232				3
7/26/2022 3:00	62	0	SW	232				3
7/26/2022 3:30	60.9	0	SW	232				3
7/26/2022 4:00	60.1	0	SW	232				3
7/26/2022 4:30	59	0	SW	232				3
7/26/2022 5:00	58.2	0	SW	232				3
7/26/2022 5:30	58	0	SW	232				3
7/26/2022 6:00	57.5	0	SW	232				3
7/26/2022 6:30	57.8	0	SW	232				3
7/26/2022 7:00	58.9	0	SW	232				3
7/26/2022 7:30	60.7	0	SW	232				3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
7/26/2022 8:00	63.8	1	SW	232	3	7/26/2022	8:00 AM	3
7/26/2022 8:30	67.9	0	SW	232				3
7/26/2022 9:00	72.8	1	N	355				3
7/26/2022 9:30	76	3	NE	38				3
7/26/2022 10:00	78.7	3	NNE	23				3
7/26/2022 10:30	81.2	1	NNE	27				3
7/26/2022 11:00	82.9	4	N	9				3
7/26/2022 11:30	84.7	2	E	94				3
7/26/2022 12:00	86.8	4	N	5				3
7/26/2022 12:30	88.1	2	NNE	19				3
7/26/2022 13:00	90.4	5	NNE	19				3
7/26/2022 13:30	91.5	2	SSE	153				3
7/26/2022 14:00	93.2	2	NNE	20				3
7/26/2022 14:30	94.3	1	NE	53				3
7/26/2022 15:00	95.9	2	NNE	14				3
7/26/2022 15:30	96.6	0	NE	51				3
7/26/2022 16:00	97.3	2	NNE	22				3
7/26/2022 16:30	97.8	5	N	9				3
7/26/2022 17:00	98.2	2	NE	18				3
7/26/2022 17:30	99	4	SW	221				3
7/26/2022 18:00	96.7	3	WSW	241				3
7/26/2022 18:30	92.6	5	S	185				3
7/26/2022 19:00	89	4	SW	215				3
7/26/2022 19:30	85.8	5	SSW	194				3
7/26/2022 20:00	82.8	4	SSW	203				3
7/26/2022 20:30	79.8	4	S	187				3
7/26/2022 21:00	77.5	6	S	188				3
7/26/2022 21:30	75.6	8	SW	219				3
7/26/2022 22:00	74.2	5	SSW	192				3
7/26/2022 22:30	73.2	0	SSW	192				3
7/26/2022 23:00	70.3	3	SSW	192				3
7/26/2022 23:30	70	0	SSW	192				3
7/30/2022 0:00	71.3	2	S	171				7
7/30/2022 0:30	69.5	2	S	171				7
7/30/2022 1:00	68.2	2	S	171				7
7/30/2022 1:30	67	2	S	171				7
7/30/2022 2:00	66.7	0	S	171				7
7/30/2022 2:30	65.2	0	SSE	165				7
7/30/2022 3:00	64.6	0	SSE	163				7
7/30/2022 3:30	65.8	1	NE	47				7
7/30/2022 4:00	65.5	1	NE	46				7
7/30/2022 4:30	63.5	0	NE	46				7
7/30/2022 5:00	62.7	0	NE	46				7
7/30/2022 5:30	62.1	0	NE	46				7
7/30/2022 6:00	63	0	NE	46				7
7/30/2022 6:30	62.2	1	NE	46				7
7/30/2022 7:00	62.6	4	ENE	71				7
7/30/2022 7:30	64.2	0	SSE	158				7
7/30/2022 8:00	67.3	0	SSE	158	4	7/30/2022	8:00 AM	7
7/30/2022 8:30	69.2	2	SSE	158				7
7/30/2022 9:00	73.1	0	SSE	157				7
7/30/2022 9:30	74.2	4	NE	46				7
7/30/2022 10:00	77.4	2	NNE	30				7
7/30/2022 10:30	82	2	NNE	20				7
7/30/2022 11:00	84.1	3	NE	54				7
7/30/2022 11:30	86	2	NNW	339				7
7/30/2022 12:00	87.8	2	WSW	259				7
7/30/2022 12:30	88.8	2	W	274				7
7/30/2022 13:00	89.4	11	W	261				7
7/30/2022 13:30	92	7	SSW	206				7
7/30/2022 14:00	93.5	4	SW	232				7
7/30/2022 14:30	94.9	1	SSW	205				7
7/30/2022 15:00	92.6	6	WSW	245				7
7/30/2022 15:30	93.9	1	WSW	254				7
7/30/2022 16:00	95.9	2	W	269				7
7/30/2022 16:30	93.7	1	SSE	156				7
7/30/2022 17:00	97.2	4	NNE	28				7
7/30/2022 17:30	98.2	10	NE	36				7
7/30/2022 18:00	97.5	6	NE	37				7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
7/30/2022 18:30	97.7	5	ENE	76				7
7/30/2022 19:00	97	1	WSW	244				7
7/30/2022 19:30	91.9	4	SSW	209				7
7/30/2022 20:00	87.7	3	SSW	199				7
7/30/2022 20:30	84.3	2	SSW	210				7
7/30/2022 21:00	80	4	SSW	210				7
7/30/2022 21:30	77	3	SSW	202				7
7/30/2022 22:00	76.5	3	SSW	202				7
7/30/2022 22:30	74.2	2	SSW	202				7
7/30/2022 23:00	71.9	0	SSW	202				7
7/30/2022 23:30	73.1	0	SSW	202				7
8/15/2022 0:00	63.2	1	SSW	202				2
8/15/2022 0:30	60.8	0	SSW	202				2
8/15/2022 1:00	59	0	SSW	202				2
8/15/2022 1:30	57.1	0	SSW	202				2
8/15/2022 2:00	57.2	2	SSW	202				2
8/15/2022 2:30	56.3	0	SSW	202				2
8/15/2022 3:00	54.4	0	SSW	202				2
8/15/2022 3:30	53.6	0	SSW	202				2
8/15/2022 4:00	53.7	1	SSW	202				2
8/15/2022 4:30	52.8	0	SSW	202				2
8/15/2022 5:00	51.6	0	SSW	202				2
8/15/2022 5:30	51.7	0	SSW	202				2
8/15/2022 6:00	51.5	0	SSW	202				2
8/15/2022 6:30	51.3	0	SSW	202				2
8/15/2022 7:00	51.6	0	SSW	202				2
8/15/2022 7:30	53.3	0	SSW	202				2
8/15/2022 8:00	55.6	0	SSW	202				2
8/15/2022 8:30	58.1	0	NNE	26				2
8/15/2022 9:00	62	5	S	187	5	8/15/2022	9:13 AM	2
8/15/2022 9:30	67.7	1	SW	227				2
8/15/2022 10:00	70.2	2	NW	314				2
8/15/2022 10:30	72.7	1	WSW	256				2
8/15/2022 11:00	75.2	2	NNW	335				2
8/15/2022 11:30	77.1	4	N	5				2
8/15/2022 12:00	78.4	1	WSW	256				2
8/15/2022 12:30	79.8	3	SSW	212				2
8/15/2022 13:00	81	1	SW	228				2
8/15/2022 13:30	82.6	4	SSE	168				2
8/15/2022 14:00	84	4	NNW	332				2
8/15/2022 14:30	85.4	5	SW	225				2
8/15/2022 15:00	86.8	2	SW	236				2
8/15/2022 15:30	87.1	3	ESE	110				2
8/15/2022 16:00	88	2	WSW	250				2
8/15/2022 16:30	88.4	1	WSW	257				2
8/15/2022 17:00	87.5	3	SW	230				2
8/15/2022 17:30	86.7	5	SW	225				2
8/15/2022 18:00	85.7	4	WSW	248				2
8/15/2022 18:30	83.5	7	S	188				2
8/15/2022 19:00	80.6	8	S	178				2
8/15/2022 19:30	78.5	6	SSW	203				2
8/15/2022 20:00	74.9	4	S	185				2
8/15/2022 20:30	72.2	8	WSW	252				2
8/15/2022 21:00	70.3	3	SSW	198				2
8/15/2022 21:30	68.8	3	SSW	200				2
8/15/2022 22:00	67.9	2	SSW	209				2
8/15/2022 22:30	66.2	3	SSW	209				2
8/15/2022 23:00	62.4	1	SSW	209				2
8/15/2022 23:30	63.3	0	SSW	209				2
8/17/2022 0:00	75.1	1	SSE	161	6	8/17/2022	(not specified)	4
8/17/2022 0:30	74.6	3	SW	216	6	8/17/2022	(not specified)	4
8/17/2022 1:00	73.6	3	SW	219	6	8/17/2022	(not specified)	4
8/17/2022 1:30	71.9	5	SSE	164	6	8/17/2022	(not specified)	4
8/17/2022 2:00	69.4	1	S	176	6	8/17/2022	(not specified)	4
8/17/2022 2:30	71	2	NE	38	6	8/17/2022	(not specified)	4
8/17/2022 3:00	71.2	2	ENE	64	6	8/17/2022	(not specified)	4
8/17/2022 3:30	71.1	2	NNW	331	6	8/17/2022	(not specified)	4
8/17/2022 4:00	70.4	0	NW	308	6	8/17/2022	(not specified)	4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
8/17/2022 4:30	69.3	1	W	269	6	8/17/2022	(not specified)	4
8/17/2022 5:00	64.2	0	W	263	6	8/17/2022	(not specified)	4
8/17/2022 5:30	61.4	0	W	263	6	8/17/2022	(not specified)	4
8/17/2022 6:00	61.6	0	NNW	342	6	8/17/2022	(not specified)	4
8/17/2022 6:30	60.4	1	WNW	298	6	8/17/2022	(not specified)	4
8/17/2022 7:00	58	2	WNW	298	6	8/17/2022	(not specified)	4
8/17/2022 7:30	59.1	0	WNW	298	6	8/17/2022	(not specified)	4
8/17/2022 8:00	62.1	0	WNW	290	6	8/17/2022	(not specified)	4
8/17/2022 8:30	68.7	1	NNW	329	6	8/17/2022	(not specified)	4
8/17/2022 9:00	70.1	1	NNW	327	6	8/17/2022	(not specified)	4
8/17/2022 9:30	72.4	5	SW	232	6	8/17/2022	(not specified)	4
8/17/2022 10:00	74	2	WSW	256	6	8/17/2022	(not specified)	4
8/17/2022 10:30	76.7	2	W	275	6	8/17/2022	(not specified)	4
8/17/2022 11:00	78.6	4	NNW	341	6	8/17/2022	(not specified)	4
8/17/2022 11:30	81.1	2	NE	44	6	8/17/2022	(not specified)	4
8/17/2022 12:00	83.1	6	NE	50	6	8/17/2022	(not specified)	4
8/17/2022 12:30	84.6	3	N	5	6	8/17/2022	(not specified)	4
8/17/2022 13:00	85.4	3	NE	48	6	8/17/2022	(not specified)	4
8/17/2022 13:30	85.7	1	NNE	15	6	8/17/2022	(not specified)	4
8/17/2022 14:00	88.8	3	NNE	19	6	8/17/2022	(not specified)	4
8/17/2022 14:30	89.2	3	E	93	6	8/17/2022	(not specified)	4
8/17/2022 15:00	89.8	3	NNE	14	6	8/17/2022	(not specified)	4
8/17/2022 15:30	91	3	NNE	15	6	8/17/2022	(not specified)	4
8/17/2022 16:00	90.1	1	NNE	23	6	8/17/2022	(not specified)	4
8/17/2022 16:30	92.1	0	ENE	58	6	8/17/2022	(not specified)	4
8/17/2022 17:00	92.8	1	WSW	259	6	8/17/2022	(not specified)	4
8/17/2022 17:30	94.7	0	SW	228	6	8/17/2022	(not specified)	4
8/17/2022 18:00	94.9	2	NNW	332	6	8/17/2022	(not specified)	4
8/17/2022 18:30	94.4	0	NE	49	6	8/17/2022	(not specified)	4
8/17/2022 19:00	94.9	1	NNE	17	6	8/17/2022	(not specified)	4
8/17/2022 19:30	91.7	0	SSW	195	6	8/17/2022	(not specified)	4
8/17/2022 20:00	87.5	2	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 20:30	82.5	0	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 21:00	78.6	2	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 21:30	77.1	0	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 22:00	75.5	1	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 22:30	74	2	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 23:00	74.2	1	SSW	198	6	8/17/2022	(not specified)	4
8/17/2022 23:30	74.4	2	SW	224	6	8/17/2022	(not specified)	4
12/13/2022 0:00	33.3	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 0:30	33.1	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 1:00	32.3	1	SE	132	7	12/13/2022	(not specified)	3
12/13/2022 1:30	31.9	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 2:00	32.6	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 2:30	32.9	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 3:00	33.4	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 3:30	31.4	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 4:00	31.2	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 4:30	31.9	1	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 5:00	32.4	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 5:30	31.7	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 6:00	31.6	0	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 6:30	31	3	SE	133	7	12/13/2022	(not specified)	3
12/13/2022 7:00	30.7	1	SE	132	7	12/13/2022	(not specified)	3
12/13/2022 7:30	31.1	3	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 8:00	31.3	1	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 8:30	31.3	2	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 9:00	31.9	1	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 9:30	32.6	0	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 10:00	33.9	3	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 10:30	34.7	3	NNE	32	7	12/13/2022	(not specified)	3
12/13/2022 11:00	36.8	1	NNE	34	7	12/13/2022	(not specified)	3
12/13/2022 11:30	38	4	NNE	33	7	12/13/2022	(not specified)	3
12/13/2022 12:00	38.2	4	NNE	24	7	12/13/2022	(not specified)	3
12/13/2022 12:30	39	1	NNE	30	7	12/13/2022	(not specified)	3
12/13/2022 13:00	39.5	3	NNE	29	7	12/13/2022	(not specified)	3
12/13/2022 13:30	40.7	3	NNE	26	7	12/13/2022	(not specified)	3
12/13/2022 14:00	41.5	0	NNE	21	7	12/13/2022	(not specified)	3
12/13/2022 14:30	41.7	2	N	355	7	12/13/2022	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/13/2022 15:00	41.8	0	NW	323	7	12/13/2022	(not specified)	3
12/13/2022 15:30	42.7	0	WNW	300	7	12/13/2022	(not specified)	3
12/13/2022 16:00	42.3	1	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 16:30	40.3	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 17:00	37.9	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 17:30	35.3	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 18:00	34.1	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 18:30	33.9	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 19:00	33.9	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 19:30	33.5	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 20:00	33.8	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 20:30	34.1	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 21:00	33.4	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 21:30	33.7	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 22:00	31.1	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 22:30	31.9	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 23:00	31.5	0	WSW	254	7	12/13/2022	(not specified)	3
12/13/2022 23:30	31.4	0	WSW	254	7	12/13/2022	(not specified)	3
9/28/2023 0:00	52.3	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 0:30	52.4	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 1:00	52.4	1	S	183	8	9/28/2023	(not specified)	5
9/28/2023 1:30	52.4	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 2:00	52.4	2	S	183	8	9/28/2023	(not specified)	5
9/28/2023 2:30	52.5	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 3:00	52.2	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 3:30	52.5	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 4:00	52.7	1	S	183	8	9/28/2023	(not specified)	5
9/28/2023 4:30	53.3	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 5:00	53.7	1	S	183	8	9/28/2023	(not specified)	5
9/28/2023 5:30	54	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 6:00	54.1	4	S	183	8	9/28/2023	(not specified)	5
9/28/2023 6:30	53.8	2	S	183	8	9/28/2023	(not specified)	5
9/28/2023 7:00	53.8	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 7:30	53.6	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 8:00	54.1	1	S	183	8	9/28/2023	(not specified)	5
9/28/2023 8:30	54.8	3	S	183	8	9/28/2023	(not specified)	5
9/28/2023 9:00	55.3	2	S	183	8	9/28/2023	(not specified)	5
9/28/2023 9:30	56.7	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 10:00	57.7	3	S	183	8	9/28/2023	(not specified)	5
9/28/2023 10:30	60.4	4	S	183	8	9/28/2023	(not specified)	5
9/28/2023 11:00	60.1	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 11:30	60.6	0	S	183	8	9/28/2023	(not specified)	5
9/28/2023 12:00	61.4	1	SSE	156	8	9/28/2023	(not specified)	5
9/28/2023 12:30	61.2	3	SSW	205	8	9/28/2023	(not specified)	5
9/28/2023 13:00	62.2	2	S	188	8	9/28/2023	(not specified)	5
9/28/2023 13:30	62.7	2	NNE	26	8	9/28/2023	(not specified)	5
9/28/2023 14:00	62.8	5	SSE	157	8	9/28/2023	(not specified)	5
9/28/2023 14:30	64.1	2	S	182	8	9/28/2023	(not specified)	5
9/28/2023 15:00	63.7	2	SSE	160	8	9/28/2023	(not specified)	5
9/28/2023 15:30	63.5	0	SSE	159	8	9/28/2023	(not specified)	5
9/28/2023 16:00	64.1	1	SSE	159	8	9/28/2023	(not specified)	5
9/28/2023 16:30	64.1	0	S	174	8	9/28/2023	(not specified)	5
9/28/2023 17:00	63.8	0	S	174	8	9/28/2023	(not specified)	5
9/28/2023 17:30	63.1	1	S	174	8	9/28/2023	(not specified)	5
9/28/2023 18:00	62.3	3	NNE	34	8	9/28/2023	(not specified)	5
9/28/2023 18:30	60.6	1	NNE	24	8	9/28/2023	(not specified)	5
9/28/2023 19:00	59.3	0	WNW	291	8	9/28/2023	(not specified)	5
9/28/2023 19:30	57.5	1	WNW	291	8	9/28/2023	(not specified)	5
9/28/2023 20:00	57.3	4	NNE	22	8	9/28/2023	(not specified)	5
9/28/2023 20:30	56.6	0	NNE	34	8	9/28/2023	(not specified)	5
9/28/2023 21:00	56.2	0	NNE	34	8	9/28/2023	(not specified)	5
9/28/2023 21:30	56	5	NNE	33	8	9/28/2023	(not specified)	5
9/28/2023 22:00	55.9	2	W	275	8	9/28/2023	(not specified)	5
9/28/2023 22:30	55.7	0	W	275	8	9/28/2023	(not specified)	5
9/28/2023 23:00	55.5	2	W	275	8	9/28/2023	(not specified)	5
9/28/2023 23:30	55.4	0	W	277	8	9/28/2023	(not specified)	5
11/21/2023 0:00	34.2	3	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 0:30	34.5	0	WSW	242	9	11/21/2023	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
11/21/2023 1:00	34.7	1	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 1:30	35	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 2:00	35.5	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 2:30	35.5	1	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 3:00	35.8	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 3:30	34.4	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 4:00	34.8	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 4:30	34.2	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 5:00	34.8	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 5:30	33.9	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 6:00	34.9	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 6:30	34.5	0	WSW	242	9	11/21/2023	(not specified)	3
11/21/2023 7:00	34.7	0	WSW	244	9	11/21/2023	(not specified)	3
11/21/2023 7:30	34.5	0	WSW	244	9	11/21/2023	(not specified)	3
11/21/2023 8:00	33.7	0	WSW	244	9	11/21/2023	(not specified)	3
11/21/2023 8:30	33.9	0	WSW	244	9	11/21/2023	(not specified)	3
11/21/2023 9:00	35.2	1	WSW	244	9	11/21/2023	(not specified)	3
11/21/2023 9:30	36.7	1	WSW	245	9	11/21/2023	(not specified)	3
11/21/2023 10:00	37.9	6	NNE	23	9	11/21/2023	(not specified)	3
11/21/2023 10:30	38.5	2	S	172	9	11/21/2023	(not specified)	3
11/21/2023 11:00	39.8	0	S	175	9	11/21/2023	(not specified)	3
11/21/2023 11:30	41.1	3	NNE	18	9	11/21/2023	(not specified)	3
11/21/2023 12:00	43.7	3	N	11	9	11/21/2023	(not specified)	3
11/21/2023 12:30	45.5	0	NNE	17	9	11/21/2023	(not specified)	3
11/21/2023 13:00	46.6	1	SSE	157	9	11/21/2023	(not specified)	3
11/21/2023 13:30	47.6	0	SSE	153	9	11/21/2023	(not specified)	3
11/21/2023 14:00	48.1	3	NNE	26	9	11/21/2023	(not specified)	3
11/21/2023 14:30	49.5	0	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 15:00	50.8	0	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 15:30	49.8	1	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 16:00	49.6	1	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 16:30	47.9	3	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 17:00	44.8	2	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 17:30	42.8	0	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 18:00	42.1	0	NNE	21	9	11/21/2023	(not specified)	3
11/21/2023 18:30	44.1	5	NNE	22	9	11/21/2023	(not specified)	3
11/21/2023 19:00	45	4	NNE	22	9	11/21/2023	(not specified)	3
11/21/2023 19:30	45.3	1	NNE	22	9	11/21/2023	(not specified)	3
11/21/2023 20:00	44.6	0	NNE	22	9	11/21/2023	(not specified)	3
11/21/2023 20:30	44.7	0	NNE	22	9	11/21/2023	(not specified)	3
11/21/2023 21:00	45.4	0	NNE	28	9	11/21/2023	(not specified)	3
11/21/2023 21:30	46.3	0	NNE	28	9	11/21/2023	(not specified)	3
11/21/2023 22:00	46.6	2	NNE	28	9	11/21/2023	(not specified)	3
11/21/2023 22:30	46.5	2	NNE	28	9	11/21/2023	(not specified)	3
11/21/2023 23:00	47.1	1	NNE	28	9	11/21/2023	(not specified)	3
11/21/2023 23:30	47.1	3	NNE	28	9	11/21/2023	(not specified)	3
11/29/2023 0:00	26.1	1	NNW	335				4
11/29/2023 0:30	25.3	0	NNW	335				4
11/29/2023 1:00	24	0	NNW	335				4
11/29/2023 1:30	26.3	0	NNW	335				4
11/29/2023 2:00	28.2	0	NNW	335				4
11/29/2023 2:30	27.6	0	NNW	335				4
11/29/2023 3:00	27	0	NNW	335				4
11/29/2023 3:30	27.4	0	NNW	334				4
11/29/2023 4:00	29	0	NNW	334				4
11/29/2023 4:30	29.1	0	NNW	334				4
11/29/2023 5:00	29.1	0	NNW	334				4
11/29/2023 5:30	29.8	0	NNW	334				4
11/29/2023 6:00	29.5	0	NNW	334				4
11/29/2023 6:30	29.6	0	NNW	334				4
11/29/2023 7:00	29.9	2	NNE	20				4
11/29/2023 7:30	30.1	2	NNE	20				4
11/29/2023 8:00	30.2	1	NNE	20				4
11/29/2023 8:30	30.6	2	NNE	19				4
11/29/2023 9:00	31	0	NNE	19				4
11/29/2023 9:30	31.7	0	NNE	19				4
11/29/2023 10:00	32.7	2	NNE	19				4
11/29/2023 10:30	33.2	2	NNE	20				4
11/29/2023 11:00	34.4	2	NNE	20				4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
11/29/2023 11:30	35.3	3	NNE	20				4
11/29/2023 12:00	36.7	4	NNE	22				4
11/29/2023 12:30	37.9	0	NNE	22	10	11/29/2023	12:40 PM	4
11/29/2023 13:00	39.2	0	NNE	18				4
11/29/2023 13:30	39.2	2	N	5				4
11/29/2023 14:00	39.3	3	N	5				4
11/29/2023 14:30	39.3	3	N	5				4
11/29/2023 15:00	39.6	0	N	5				4
11/29/2023 15:30	39.5	0	N	5				4
11/29/2023 16:00	39.3	0	N	5				4
11/29/2023 16:30	38.5	0	N	5				4
11/29/2023 17:00	37.4	0	N	5				4
11/29/2023 17:30	36.2	0	N	5				4
11/29/2023 18:00	35.7	0	N	5				4
11/29/2023 18:30	35.9	0	N	5				4
11/29/2023 19:00	35.5	0	N	5				4
11/29/2023 19:30	35.3	0	N	5				4
11/29/2023 20:00	35.6	0	N	5				4
11/29/2023 20:30	35.5	0	N	5				4
11/29/2023 21:00	35.1	0	N	5				4
11/29/2023 21:30	35.1	0	N	5				4
11/29/2023 22:00	34.6	0	N	5				4
11/29/2023 22:30	34.4	0	N	5				4
11/29/2023 23:00	33.9	0	N	5				4
11/29/2023 23:30	34.4	0	N	5				4
12/1/2023 0:00	41.6	3	S	190				6
12/1/2023 0:30	41.8	5	SW	215				6
12/1/2023 1:00	42.1	4	WSW	240				6
12/1/2023 1:30	42.2	7	S	171				6
12/1/2023 2:00	42.3	0	SSW	198				6
12/1/2023 2:30	42.3	2	S	181				6
12/1/2023 3:00	42.3	3	SW	223				6
12/1/2023 3:30	42.4	4	S	176				6
12/1/2023 4:00	42.3	2	S	175				6
12/1/2023 4:30	42.5	3	SSW	210				6
12/1/2023 5:00	42.7	8	SSW	212				6
12/1/2023 5:30	42.7	3	S	180				6
12/1/2023 6:00	43.3	3	SSW	200				6
12/1/2023 6:30	43.4	4	SSW	194				6
12/1/2023 7:00	43.3	7	S	173				6
12/1/2023 7:30	44.5	7	SSW	194				6
12/1/2023 8:00	46.7	5	S	173				6
12/1/2023 8:30	47.5	7	S	184				6
12/1/2023 9:00	47.4	10	SSW	202				6
12/1/2023 9:30	47.1	10	S	182				6
12/1/2023 10:00	47.6	11	SSE	165				6
12/1/2023 10:30	48.5	4	SSW	192				6
12/1/2023 11:00	48.3	8	S	170				6
12/1/2023 11:30	49	10	SSE	165				6
12/1/2023 12:00	50.6	7	S	177				6
12/1/2023 12:30	50.3	6	SSW	213				6
12/1/2023 13:00	51.3	6	S	182				6
12/1/2023 13:30	52	4	SW	225				6
12/1/2023 14:00	51.4	9	SE	138				6
12/1/2023 14:30	50.9	11	SSW	211				6
12/1/2023 15:00	50	5	SW	220				6
12/1/2023 15:30	49.6	6	S	180	11	12/1/2023	3:36 PM	6
12/1/2023 16:00	49	9	S	185				6
12/1/2023 16:30	48.8	5	S	190				6
12/1/2023 17:00	48.7	4	S	185				6
12/1/2023 17:30	48.1	0	SSW	204				6
12/1/2023 18:00	47.3	2	SW	219				6
12/1/2023 18:30	46.7	3	SW	215				6
12/1/2023 19:00	47.4	4	SSW	200				6
12/1/2023 19:30	46.7	4	SW	221				6
12/1/2023 20:00	46.1	6	SSE	166				6
12/1/2023 20:30	45.8	6	S	180				6
12/1/2023 21:00	45.6	7	SSW	199				6
12/1/2023 21:30	45.6	5	SSW	205				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/1/2023 22:00	45.8	6	SW	228				6
12/1/2023 22:30	46	6	SSE	167				6
12/1/2023 23:00	45.8	6	SSW	208				6
12/1/2023 23:30	46.3	6	SSW	203				6
12/12/2023 0:00	47.4	1	NE	55				3
12/12/2023 0:30	46.9	2	NNE	20				3
12/12/2023 1:00	46.6	0	ENE	68				3
12/12/2023 1:30	46.2	4	WSW	246				3
12/12/2023 2:00	45.8	0	SW	232				3
12/12/2023 2:30	45	0	SSE	166				3
12/12/2023 3:00	44.6	1	W	264				3
12/12/2023 3:30	44	3	W	262				3
12/12/2023 4:00	43.6	0	WSW	256				3
12/12/2023 4:30	43.2	6	W	273				3
12/12/2023 5:00	43.2	1	WSW	257				3
12/12/2023 5:30	42.7	1	W	270				3
12/12/2023 6:00	41.6	2	SSW	200				3
12/12/2023 6:30	41	0	SSW	200				3
12/12/2023 7:00	40.6	2	SSW	200				3
12/12/2023 7:30	41	0	SSW	200				3
12/12/2023 8:00	40.8	0	SSW	205				3
12/12/2023 8:30	40.6	2	SSW	205				3
12/12/2023 9:00	41.2	1	WSW	251				3
12/12/2023 9:30	41.9	2	W	261				3
12/12/2023 10:00	43.2	4	W	271				3
12/12/2023 10:30	45.1	3	W	274				3
12/12/2023 11:00	46.1	10	WSW	256				3
12/12/2023 11:30	47.1	8	W	266				3
12/12/2023 12:00	48	2	W	267				3
12/12/2023 12:30	49.3	2	NE	37				3
12/12/2023 13:00	49.7	2	WNW	299				3
12/12/2023 13:30	50	2	WNW	289	12	12/12/2023	1:35 PM	3
12/12/2023 14:00	50.9	5	WSW	256				3
12/12/2023 14:30	51.3	4	NW	275				3
12/12/2023 15:00	51.6	4	WSW	276				3
12/12/2023 15:30	51.6	2	W	261				3
12/12/2023 16:00	50.9	2	W	269				3
12/12/2023 16:30	47.9	3	W	266				3
12/12/2023 17:00	46.6	0	W	266				3
12/12/2023 17:30	45.1	1	W	266				3
12/12/2023 18:00	43.3	0	W	266				3
12/12/2023 18:30	44	0	W	266				3
12/12/2023 19:00	43.5	0	W	266				3
12/12/2023 19:30	42.8	0	W	266				3
12/12/2023 20:00	42.8	1	W	266				3
12/12/2023 20:30	42.5	0	W	266				3
12/12/2023 21:00	42.6	2	W	280				3
12/12/2023 21:30	40.8	2	W	281				3
12/12/2023 22:00	38.6	1	W	281				3
12/12/2023 22:30	36.8	0	W	281				3
12/12/2023 23:00	36.1	0	W	281				3
12/12/2023 23:30	35.5	0	W	281				3
12/14/2023 0:00	37.6	2	NNE	34	13	12/14/2023	(not specified)	5
12/14/2023 0:30	37.7	0	NE	42	13	12/14/2023	(not specified)	5
12/14/2023 1:00	37.6	0	NE	42	13	12/14/2023	(not specified)	5
12/14/2023 1:30	37.3	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 2:00	37.4	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 2:30	38	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 3:00	38.4	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 3:30	38.6	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 4:00	38.5	1	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 4:30	38.1	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 5:00	38.5	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 5:30	38.8	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 6:00	39.3	1	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 6:30	39.5	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 7:00	39.6	1	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 7:30	40.1	2	NE	47	13	12/14/2023	(not specified)	5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/14/2023 8:00	40.4	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 8:30	40.7	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 9:00	41.3	0	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 9:30	41.8	2	NE	47	13	12/14/2023	(not specified)	5
12/14/2023 10:00	42.5	0	ENE	59	13	12/14/2023	(not specified)	5
12/14/2023 10:30	43	1	E	85	13	12/14/2023	(not specified)	5
12/14/2023 11:00	43.5	0	NW	325	13	12/14/2023	(not specified)	5
12/14/2023 11:30	44	3	NW	325	13	12/14/2023	(not specified)	5
12/14/2023 12:00	44.5	1	NNW	327	13	12/14/2023	(not specified)	5
12/14/2023 12:30	45.5	0	NW	325	13	12/14/2023	(not specified)	5
12/14/2023 13:00	46.8	3	NW	313	13	12/14/2023	(not specified)	5
12/14/2023 13:30	46.6	1	WNW	284	13	12/14/2023	(not specified)	5
12/14/2023 14:00	47.2	1	WNW	284	13	12/14/2023	(not specified)	5
12/14/2023 14:30	47.5	1	WNW	287	13	12/14/2023	(not specified)	5
12/14/2023 15:00	47.5	1	WNW	287	13	12/14/2023	(not specified)	5
12/14/2023 15:30	47.6	0	WNW	288	13	12/14/2023	(not specified)	5
12/14/2023 16:00	47.6	0	WNW	288	13	12/14/2023	(not specified)	5
12/14/2023 16:30	47.3	1	WNW	286	13	12/14/2023	(not specified)	5
12/14/2023 17:00	47	1	WNW	286	13	12/14/2023	(not specified)	5
12/14/2023 17:30	46.8	0	WNW	286	13	12/14/2023	(not specified)	5
12/14/2023 18:00	45.3	0	WNW	286	13	12/14/2023	(not specified)	5
12/14/2023 18:30	44.2	0	WNW	286	13	12/14/2023	(not specified)	5
12/14/2023 19:00	42.5	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 19:30	42.3	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 20:00	42.2	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 20:30	41.4	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 21:00	40.7	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 21:30	39.8	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 22:00	38.7	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 22:30	38.7	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 23:00	37.7	0	WNW	285	13	12/14/2023	(not specified)	5
12/14/2023 23:30	37.2	0	WNW	285	13	12/14/2023	(not specified)	5
12/15/2023 0:00	37.8	0	WNW	285				6
12/15/2023 0:30	36.5	0	WNW	285				6
12/15/2023 1:00	35.9	0	WNW	285				6
12/15/2023 1:30	36.6	0	WNW	285				6
12/15/2023 2:00	37.1	0	WNW	285				6
12/15/2023 2:30	37.4	0	WNW	285				6
12/15/2023 3:00	37.5	0	WNW	285				6
12/15/2023 3:30	37.5	0	WNW	285				6
12/15/2023 4:00	37.6	0	WNW	285				6
12/15/2023 4:30	37.6	0	WNW	285				6
12/15/2023 5:00	37.4	0	WNW	285				6
12/15/2023 5:30	36.8	0	WNW	285				6
12/15/2023 6:00	36.1	0	WNW	285				6
12/15/2023 6:30	34.9	0	WNW	285				6
12/15/2023 7:00	34.5	2	WNW	286				6
12/15/2023 7:30	33.6	2	WNW	286				6
12/15/2023 8:00	33.4	0	WNW	286				6
12/15/2023 8:30	32.9	0	WNW	286				6
12/15/2023 9:00	33.7	2	WNW	286				6
12/15/2023 9:30	34.7	0	WNW	286				6
12/15/2023 10:00	36.4	2	WNW	286				6
12/15/2023 10:30	37.5	3	WNW	287				6
12/15/2023 11:00	37.6	1	WNW	287				6
12/15/2023 11:30	40.7	3	WNW	293				6
12/15/2023 12:00	42.2	1	WNW	293	14	12/15/2023	12:00 PM	6
12/15/2023 12:30	43.5	1	WNW	294				6
12/15/2023 13:00	45.2	1	NW	311				6
12/15/2023 13:30	46	2	W	268				6
12/15/2023 14:00	47	0	NE	55				6
12/15/2023 14:30	47.6	0	SSE	161				6
12/15/2023 15:00	48.3	3	WSW	253				6
12/15/2023 15:30	48.2	3	W	262				6
12/15/2023 16:00	46.6	0	W	262				6
12/15/2023 16:30	44.2	0	W	262				6
12/15/2023 17:00	41.2	0	W	262				6
12/15/2023 17:30	39.1	0	W	262				6
12/15/2023 18:00	38.2	1	W	262				6
12/15/2023 18:30	37.7	0	W	261				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/15/2023 19:00	37.1	0	W	262				6
12/15/2023 19:30	35.5	0	W	262				6
12/15/2023 20:00	35	0	W	262				6
12/15/2023 20:30	34.1	0	W	262				6
12/15/2023 21:00	33.2	0	W	262				6
12/15/2023 21:30	33	0	W	262				6
12/15/2023 22:00	32.1	0	W	261				6
12/15/2023 22:30	31.7	0	W	262				6
12/15/2023 23:00	32.9	1	W	262				6
12/15/2023 23:30	32.1	0	W	262				6
12/16/2023 0:00	31.7	0	W	262				7
12/16/2023 0:30	31.3	2	W	262				7
12/16/2023 1:00	32.3	0	W	262				7
12/16/2023 1:30	32.7	0	W	262				7
12/16/2023 2:00	31.1	3	NNE	30				7
12/16/2023 2:30	30.7	4	NNE	30				7
12/16/2023 3:00	30.8	0	NNE	30				7
12/16/2023 3:30	31	2	NNE	30				7
12/16/2023 4:00	30.5	0	NNE	30				7
12/16/2023 4:30	29.1	0	NNE	34				7
12/16/2023 5:00	29	0	NNE	34				7
12/16/2023 5:30	29.4	0	NNE	34				7
12/16/2023 6:00	30.4	0	NNE	34				7
12/16/2023 6:30	30.1	0	NNE	34				7
12/16/2023 7:00	30	0	NE	36				7
12/16/2023 7:30	29.6	0	E	94				7
12/16/2023 8:00	29.6	0	E	94				7
12/16/2023 8:30	30.3	0	E	94				7
12/16/2023 9:00	31	0	E	94				7
12/16/2023 9:30	31.1	1	SSE	166				7
12/16/2023 10:00	31.5	0	S	175				7
12/16/2023 10:30	32.6	0	S	175				7
12/16/2023 11:00	34.7	3	S	172				7
12/16/2023 11:30	35.9	4	SSE	169				7
12/16/2023 12:00	36.9	5	SSE	169				7
12/16/2023 12:30	38	4	NNE	24				7
12/16/2023 13:00	38.6	3	NNE	26				7
12/16/2023 13:30	39.8	4	NNE	19				7
12/16/2023 14:00	39.4	4	NNE	24	15	12/16/2023	2:00 PM	7
12/16/2023 14:30	39.3	4	NNE	20				7
12/16/2023 15:00	38.7	2	NNE	24				7
12/16/2023 15:30	38.6	2	NNE	24				7
12/16/2023 16:00	38.4	0	NNE	24				7
12/16/2023 16:30	37.7	0	NNE	24				7
12/16/2023 17:00	36.7	1	NNE	25				7
12/16/2023 17:30	36.4	0	NNE	25				7
12/16/2023 18:00	35.8	1	NNE	25				7
12/16/2023 18:30	35.2	0	NNE	25				7
12/16/2023 19:00	34.4	0	NNE	25				7
12/16/2023 19:30	34	0	NNE	31				7
12/16/2023 20:00	34.3	1	NNE	31				7
12/16/2023 20:30	33.9	0	NNE	30				7
12/16/2023 21:00	33.9	0	NNE	30				7
12/16/2023 21:30	33.7	1	NNE	30				7
12/16/2023 22:00	33.2	0	NNE	32				7
12/16/2023 22:30	32.9	1	NNE	32				7
12/16/2023 23:00	32.3	0	NNE	32				7
12/16/2023 23:30	31.7	1	ESE	105				7
12/25/2023 0:00	41.9	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 0:30	42	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 1:00	41.8	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 1:30	41.7	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 2:00	41.7	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 2:30	42	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 3:00	42.5	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 3:30	42.8	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 4:00	42.6	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 4:30	42	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 5:00	42	0	SW	234	16	12/25/2023	(not specified)	2

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/25/2023 5:30	41.9	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 6:00	42	0	SW	234	16	12/25/2023	(not specified)	2
12/25/2023 6:30	42	4	NE	36	16	12/25/2023	(not specified)	2
12/25/2023 7:00	42.2	4	NNE	34	16	12/25/2023	(not specified)	2
12/25/2023 7:30	42.3	3	NNE	33	16	12/25/2023	(not specified)	2
12/25/2023 8:00	42.7	3	NNE	32	16	12/25/2023	(not specified)	2
12/25/2023 8:30	43.1	2	NNE	30	16	12/25/2023	(not specified)	2
12/25/2023 9:00	43.7	0	NNE	29	16	12/25/2023	(not specified)	2
12/25/2023 9:30	44	0	NNE	30	16	12/25/2023	(not specified)	2
12/25/2023 10:00	44.7	0	NNE	24	16	12/25/2023	(not specified)	2
12/25/2023 10:30	44.1	0	NNE	25	16	12/25/2023	(not specified)	2
12/25/2023 11:00	44.8	0	NNE	25	16	12/25/2023	(not specified)	2
12/25/2023 11:30	44.6	0	NNE	25	16	12/25/2023	(not specified)	2
12/25/2023 12:00	44.6	1	NNE	25	16	12/25/2023	(not specified)	2
12/25/2023 12:30	44.6	1	NW	323	16	12/25/2023	(not specified)	2
12/25/2023 13:00	44.6	1	NW	323	16	12/25/2023	(not specified)	2
12/25/2023 13:30	45.2	3	NW	325	16	12/25/2023	(not specified)	2
12/25/2023 14:00	45.2	0	NNE	22	16	12/25/2023	(not specified)	2
12/25/2023 14:30	45.5	0	NNE	22	16	12/25/2023	(not specified)	2
12/25/2023 15:00	45.4	0	NNE	22	16	12/25/2023	(not specified)	2
12/25/2023 15:30	45.3	1	WSW	252	16	12/25/2023	(not specified)	2
12/25/2023 16:00	45.1	0	WSW	252	16	12/25/2023	(not specified)	2
12/25/2023 16:30	45.2	0	WSW	252	16	12/25/2023	(not specified)	2
12/25/2023 17:00	45.2	3	WSW	252	16	12/25/2023	(not specified)	2
12/25/2023 17:30	45	1	WSW	252	16	12/25/2023	(not specified)	2
12/25/2023 18:00	45	3	NNE	32	16	12/25/2023	(not specified)	2
12/25/2023 18:30	44.8	2	NNE	27	16	12/25/2023	(not specified)	2
12/25/2023 19:00	45.3	2	NNE	27	16	12/25/2023	(not specified)	2
12/25/2023 19:30	47.1	3	NNE	32	16	12/25/2023	(not specified)	2
12/25/2023 20:00	48.8	4	SSW	194	16	12/25/2023	(not specified)	2
12/25/2023 20:30	50.7	5	S	190	16	12/25/2023	(not specified)	2
12/25/2023 21:00	50.8	9	SSW	192	16	12/25/2023	(not specified)	2
12/25/2023 21:30	51.1	4	SW	217	16	12/25/2023	(not specified)	2
12/25/2023 22:00	51.5	6	SSE	169	16	12/25/2023	(not specified)	2
12/25/2023 22:30	51.9	6	WSW	239	16	12/25/2023	(not specified)	2
12/25/2023 23:00	52	4	SW	236	16	12/25/2023	(not specified)	2
12/25/2023 23:30	52.1	5	SSW	192	16	12/25/2023	(not specified)	2
1/12/2024 0:00	42.1	7	S	188				6
1/12/2024 0:30	42.4	6	S	187				6
1/12/2024 1:00	41.6	5	S	188				6
1/12/2024 1:30	41.7	2	S	182				6
1/12/2024 2:00	41.7	4	S	184				6
1/12/2024 2:30	42.4	4	S	183				6
1/12/2024 3:00	42.2	3	SSW	192				6
1/12/2024 3:30	42.2	7	S	173				6
1/12/2024 4:00	42.4	3	S	182				6
1/12/2024 4:30	42.2	2	S	188				6
1/12/2024 5:00	42.5	12	S	189				6
1/12/2024 5:30	42.5	6	SSW	201				6
1/12/2024 6:00	42	3	S	190				6
1/12/2024 6:30	41.7	4	SSE	167				6
1/12/2024 7:00	41.6	3	SSE	167				6
1/12/2024 7:30	41.5	1	SSE	167				6
1/12/2024 8:00	41.3	4	SSE	167				6
1/12/2024 8:30	41.2	1	SSE	167				6
1/12/2024 9:00	41.3	1	SSE	167				6
1/12/2024 9:30	41.5	3	SSE	167				6
1/12/2024 10:00	41.9	4	S	184				6
1/12/2024 10:30	42.5	4	S	184				6
1/12/2024 11:00	43.3	3	S	178				6
1/12/2024 11:30	43.5	5	S	171				6
1/12/2024 12:00	41.1	6	NNE	22	17	1/12/2024	12:15 PM	6
1/12/2024 12:30	40.4	4	N	11				6
1/12/2024 13:00	40.4	2	NNE	27				6
1/12/2024 13:30	40.6	3	NE	39				6
1/12/2024 14:00	40.7	3	NNE	32				6
1/12/2024 14:30	40.5	2	NNE	32				6
1/12/2024 15:00	40.6	3	NNE	29				6
1/12/2024 15:30	40.2	0	NNE	26				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/12/2024 16:00	39.8	1	NNE	24				6
1/12/2024 16:30	39.7	1	NNE	24				6
1/12/2024 17:00	39.3	2	NNE	24				6
1/12/2024 17:30	39	4	NNE	23				6
1/12/2024 18:00	37.9	9	NNE	26				6
1/12/2024 18:30	35.8	5	NNE	28				6
1/12/2024 19:00	33.6	4	W	279				6
1/12/2024 19:30	32.3	4	WSW	258				6
1/12/2024 20:00	31.6	1	WNW	288				6
1/12/2024 20:30	31.3	2	W	271				6
1/12/2024 21:00	30.8	1	WSW	255				6
1/12/2024 21:30	30.3	3	SSW	208				6
1/12/2024 22:00	30	10	WSW	251				6
1/12/2024 22:30	29.4	1	NE	55				6
1/12/2024 23:00	28.1	0	SSW	209				6
1/12/2024 23:30	27	0	NNE	14				6
1/18/2024 0:00	44.2	0	SW	224				5
1/18/2024 0:30	44.7	2	SW	224				5
1/18/2024 1:00	42.7	4	SW	224				5
1/18/2024 1:30	40.8	3	SW	225				5
1/18/2024 2:00	43.1	1	SW	225				5
1/18/2024 2:30	44.2	2	SW	224				5
1/18/2024 3:00	45.4	3	SW	217				5
1/18/2024 3:30	45.5	6	SSW	208				5
1/18/2024 4:00	45.4	1	S	186				5
1/18/2024 4:30	45.7	2	S	190				5
1/18/2024 5:00	46.1	0	S	175				5
1/18/2024 5:30	43.7	6	NNE	31				5
1/18/2024 6:00	42.2	5	NNE	28				5
1/18/2024 6:30	41.5	3	NE	36				5
1/18/2024 7:00	41.1	0	NNE	34				5
1/18/2024 7:30	42.2	3	NNE	28				5
1/18/2024 8:00	42.1	3	NE	35				5
1/18/2024 8:30	41.7	2	NE	36				5
1/18/2024 9:00	42.5	3	NE	35				5
1/18/2024 9:30	43	3	NE	35				5
1/18/2024 10:00	43.4	1	NE	36				5
1/18/2024 10:30	42.3	3	NE	36				5
1/18/2024 11:00	42.5	0	NE	36				5
1/18/2024 11:30	42.5	0	NE	36				5
1/18/2024 12:00	42.4	0	NE	36	18 & 19	1/18/2024	12:00 PM	5
1/18/2024 12:30	42.7	3	WNW	298				5
1/18/2024 13:00	39.8	8	NW	325				5
1/18/2024 13:30	39.2	2	NNW	340	20	1/18/2024	1:30 PM	5
1/18/2024 14:00	38.9	2	NW	311				5
1/18/2024 14:30	38.3	8	NW	322				5
1/18/2024 15:00	38.3	1	WNW	292				5
1/18/2024 15:30	37.5	3	SW	236	21	1/18/2024	3:30 PM	5
1/18/2024 16:00	37.4	6	NW	316	22	1/18/2024	4:00 PM	5
1/18/2024 16:30	36.5	9	NW	305				5
1/18/2024 17:00	36.5	5	SW	231				5
1/18/2024 17:30	36	2	W	271				5
1/18/2024 18:00	35.4	3	WSW	238				5
1/18/2024 18:30	34.8	0	WSW	248				5
1/18/2024 19:00	34.5	2	WSW	257				5
1/18/2024 19:30	34.5	0	SW	225				5
1/18/2024 20:00	34.4	2	WSW	242				5
1/18/2024 20:30	34.2	0	W	265				5
1/18/2024 21:00	34.2	3	NNW	331				5
1/18/2024 21:30	34	0	W	275				5
1/18/2024 22:00	33.9	0	WNW	288				5
1/18/2024 22:30	34.1	1	WNW	301				5
1/18/2024 23:00	34.1	3	WNW	296				5
1/18/2024 23:30	34	3	WNW	295				5
1/19/2024 0:00	33.9	2	WNW	290				6
1/19/2024 0:30	33.7	3	WNW	290				6
1/19/2024 1:00	33.6	0	WNW	290				6
1/19/2024 1:30	33.5	2	W	276				6
1/19/2024 2:00	33.5	1	W	270				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
1/19/2024 2:30	33.6	0	WSW	259				6
1/19/2024 3:00	33.5	1	WSW	259				6
1/19/2024 3:30	33.6	1	W	264				6
1/19/2024 4:00	33.7	0	SW	232				6
1/19/2024 4:30	33.6	3	SW	232				6
1/19/2024 5:00	33.7	0	SW	228				6
1/19/2024 5:30	33.6	0	SW	228				6
1/19/2024 6:00	33.7	0	SW	229				6
1/19/2024 6:30	33.7	0	SW	229				6
1/19/2024 7:00	33.7	0	SW	229				6
1/19/2024 7:30	33.8	0	SW	229				6
1/19/2024 8:00	33.7	2	SW	229	23	1/19/2024	8:00 AM	6
1/19/2024 8:30	33.8	0	SW	229				6
1/19/2024 9:00	34.4	3	WNW	300				6
1/19/2024 9:30	35	1	WNW	288				6
1/19/2024 10:00	35.6	2	SW	227				6
1/19/2024 10:30	36.4	4	WSW	255				6
1/19/2024 11:00	36.8	3	W	277				6
1/19/2024 11:30	37	0	WSW	249				6
1/19/2024 12:00	37.3	5	WSW	255				6
1/19/2024 12:30	37.7	0	SW	215				6
1/19/2024 13:00	39.6	3	NW	312				6
1/19/2024 13:30	38.2	7	WSW	252				6
1/19/2024 14:00	37.9	3	WSW	263				6
1/19/2024 14:30	38.1	4	WSW	250				6
1/19/2024 15:00	38.6	10	W	264				6
1/19/2024 15:30	38.1	2	W	271				6
1/19/2024 16:00	37.8	8	WSW	246				6
1/19/2024 16:30	37.6	4	WSW	237				6
1/19/2024 17:00	37.2	3	WNW	292				6
1/19/2024 17:30	37.1	2	WSW	255				6
1/19/2024 18:00	37	4	SW	231				6
1/19/2024 18:30	37.1	2	SW	236				6
1/19/2024 19:00	36.9	2	SW	229				6
1/19/2024 19:30	36.9	2	SW	219				6
1/19/2024 20:00	37	4	SW	229				6
1/19/2024 20:30	36.7	0	SW	235				6
1/19/2024 21:00	36.3	2	SW	229				6
1/19/2024 21:30	35.7	5	SSW	213				6
1/19/2024 22:00	35.7	0	SSW	213				6
1/19/2024 22:30	35.8	0	SSW	213				6
1/19/2024 23:00	35.8	2	WSW	238				6
1/19/2024 23:30	35.8	1	WSW	238				6
2/3/2024 0:00	36.9	0	SSE	168	28	2/3/2024	(not specified)	7
2/3/2024 0:30	36.3	1	NNE	28	28	2/3/2024	(not specified)	7
2/3/2024 1:00	37.8	4	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 1:30	37.8	2	NNE	30	28	2/3/2024	(not specified)	7
2/3/2024 2:00	38.3	0	NNE	30	28	2/3/2024	(not specified)	7
2/3/2024 2:30	38.3	1	NNE	30	28	2/3/2024	(not specified)	7
2/3/2024 3:00	37.6	0	NNE	30	28	2/3/2024	(not specified)	7
2/3/2024 3:30	39.5	1	S	189	28	2/3/2024	(not specified)	7
2/3/2024 4:00	39	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 4:30	38.3	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 5:00	36.6	2	S	180	28	2/3/2024	(not specified)	7
2/3/2024 5:30	35.3	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 6:00	35.1	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 6:30	35.6	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 7:00	34	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 7:30	32.7	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 8:00	33.5	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 8:30	34	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 9:00	35.3	2	S	180	24	2/3/2024	9:00 AM	7
2/3/2024 9:30	36.3	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 10:00	37.9	0	S	180	25	2/3/2024	10:00 AM	7
2/3/2024 10:30	41.9	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 11:00	45.7	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 11:30	48	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 12:00	48.9	0	S	180	28	2/3/2024	(not specified)	7
2/3/2024 12:30	50.3	0	NNE	22	28	2/3/2024	(not specified)	7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/3/2024 13:00	51.3	2	NNE	21	26	2/3/2024	1:00 PM	7
2/3/2024 13:30	52.5	1	N	360	28	2/3/2024	(not specified)	7
2/3/2024 14:00	52.7	4	NNE	15	28	2/3/2024	(not specified)	7
2/3/2024 14:30	52.8	1	NNE	33	28	2/3/2024	(not specified)	7
2/3/2024 15:00	53.6	0	NNE	19	27	2/3/2024	3:00 PM	7
2/3/2024 15:30	54.7	0	NNE	19	28	2/3/2024	(not specified)	7
2/3/2024 16:00	53.4	3	ENE	66	28	2/3/2024	(not specified)	7
2/3/2024 16:30	52	1	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 17:00	50.6	0	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 17:30	46.3	0	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 18:00	43.2	0	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 18:30	40.9	0	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 19:00	38.7	0	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 19:30	37.4	1	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 20:00	36.2	2	NNE	25	28	2/3/2024	(not specified)	7
2/3/2024 20:30	36.8	0	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 21:00	35.5	0	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 21:30	35.4	0	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 22:00	35.1	0	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 22:30	33.4	3	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 23:00	33.2	0	NNE	26	28	2/3/2024	(not specified)	7
2/3/2024 23:30	32.8	1	NNE	26	28	2/3/2024	(not specified)	7
2/8/2024 0:00	39.9	0	WSW	246				5
2/8/2024 0:30	39.8	0	WSW	246				5
2/8/2024 1:00	39.9	0	WSW	246				5
2/8/2024 1:30	39.6	0	WSW	246				5
2/8/2024 2:00	39.6	0	WSW	246				5
2/8/2024 2:30	39.8	0	WSW	246				5
2/8/2024 3:00	39.7	0	WSW	246				5
2/8/2024 3:30	39.4	0	WSW	246				5
2/8/2024 4:00	39.5	0	WSW	246				5
2/8/2024 4:30	40	0	WSW	246				5
2/8/2024 5:00	40.1	0	WSW	246				5
2/8/2024 5:30	39.8	0	WSW	246				5
2/8/2024 6:00	39.8	0	WSW	246				5
2/8/2024 6:30	39.7	0	WSW	246				5
2/8/2024 7:00	39.2	0	WSW	246				5
2/8/2024 7:30	38.7	0	WSW	246				5
2/8/2024 8:00	39.1	0	WSW	246				5
2/8/2024 8:30	39.7	0	WSW	246				5
2/8/2024 9:00	41.1	0	WSW	246				5
2/8/2024 9:30	42.2	0	WSW	246				5
2/8/2024 10:00	43.1	0	WSW	246				5
2/8/2024 10:30	45.2	0	WSW	246				5
2/8/2024 11:00	46.8	0	WSW	246				5
2/8/2024 11:30	48.4	0	WSW	246				5
2/8/2024 12:00	49.2	1	WSW	246				5
2/8/2024 12:30	47.1	5	NNE	20				5
2/8/2024 13:00	48.2	1	NNE	24	29	2/8/2024	12:46 PM	5
2/8/2024 13:30	49.7	2	NE	40				5
2/8/2024 14:00	50.6	4	NNW	344				5
2/8/2024 14:30	51	6	WSW	258				5
2/8/2024 15:00	50.9	8	SSW	213				5
2/8/2024 15:30	49.5	4	WSW	237				5
2/8/2024 16:00	48.3	1	WSW	237				5
2/8/2024 16:30	47.7	6	SSW	192				5
2/8/2024 17:00	46.7	2	WSW	240				5
2/8/2024 17:30	45.7	2	SSW	205				5
2/8/2024 18:00	44.6	1	S	186				5
2/8/2024 18:30	44.1	0	S	180				5
2/8/2024 19:00	43.5	0	S	180				5
2/8/2024 19:30	42.3	0	S	180				5
2/8/2024 20:00	42.2	0	S	180				5
2/8/2024 20:30	40.3	0	S	180				5
2/8/2024 21:00	39.2	0	S	180				5
2/8/2024 21:30	37.6	0	S	180				5
2/8/2024 22:00	37.2	0	S	180				5
2/8/2024 22:30	36.6	0	S	180				5
2/8/2024 23:00	36.9	0	S	180				5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/8/2024 23:30	37.7	0	S	180				5
2/10/2024 0:00	41.7	0	S	178				7
2/10/2024 0:30	41.5	0	S	178				7
2/10/2024 1:00	41.1	0	S	178				7
2/10/2024 1:30	40.7	0	S	178				7
2/10/2024 2:00	41.4	0	S	178				7
2/10/2024 2:30	41.3	0	S	178				7
2/10/2024 3:00	40.2	0	S	178				7
2/10/2024 3:30	40.1	0	S	178				7
2/10/2024 4:00	40.4	0	S	178				7
2/10/2024 4:30	40.7	0	S	178				7
2/10/2024 5:00	40.8	0	S	178				7
2/10/2024 5:30	40.9	0	S	178				7
2/10/2024 6:00	40.8	0	S	178				7
2/10/2024 6:30	40.8	0	S	178				7
2/10/2024 7:00	40.7	0	S	178				7
2/10/2024 7:30	40.7	0	S	178	30	2/10/2024	7:30 AM	7
2/10/2024 8:00	40.7	0	S	178				7
2/10/2024 8:30	39.9	0	S	178	31	2/10/2024	8:30 AM	7
2/10/2024 9:00	40.5	0	S	178				7
2/10/2024 9:30	41.5	0	S	178	32	2/10/2024	9:29 AM	7
2/10/2024 10:00	41.7	0	S	178				7
2/10/2024 10:30	46.1	0	S	178				7
2/10/2024 11:00	48	1	NNE	22				7
2/10/2024 11:30	48.3	0	NE	40				7
2/10/2024 12:00	48.8	0	NE	39				7
2/10/2024 12:30	50.7	0	S	180				7
2/10/2024 13:00	52.1	0	SW	220				7
2/10/2024 13:30	51.5	0	NNE	19				7
2/10/2024 14:00	52.8	0	S	173				7
2/10/2024 14:30	51.3	0	S	190				7
2/10/2024 15:00	52.4	0	S	190				7
2/10/2024 15:30	54.4	0	S	190				7
2/10/2024 16:00	53.8	0	N	9				7
2/10/2024 16:30	52.9	1	N	11				7
2/10/2024 17:00	51.6	0	N	11				7
2/10/2024 17:30	48.6	0	N	11				7
2/10/2024 18:00	46	0	N	11				7
2/10/2024 18:30	45	0	N	11				7
2/10/2024 19:00	44.2	0	N	11				7
2/10/2024 19:30	43.3	0	N	11				7
2/10/2024 20:00	42.6	0	N	11				7
2/10/2024 20:30	42.5	0	N	11				7
2/10/2024 21:00	41.9	0	N	11				7
2/10/2024 21:30	41.7	0	N	11				7
2/10/2024 22:00	42.2	0	N	11				7
2/10/2024 22:30	42	0	N	11				7
2/10/2024 23:00	41.6	0	N	11				7
2/10/2024 23:30	41.3	0	N	11				7
2/13/2024 0:00	32.9	0	SW	217	33	2/13/2024	(not specified)	3
2/13/2024 0:30	33.3	0	SE	126	33	2/13/2024	(not specified)	3
2/13/2024 1:00	32.7	0	SE	126	33	2/13/2024	(not specified)	3
2/13/2024 1:30	33.4	0	SE	126	33	2/13/2024	(not specified)	3
2/13/2024 2:00	34	0	SE	126	33	2/13/2024	(not specified)	3
2/13/2024 2:30	34.8	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 3:00	34.8	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 3:30	34.4	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 4:00	34.6	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 4:30	35.1	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 5:00	35.8	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 5:30	36.4	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 6:00	37.2	0	SE	128	33	2/13/2024	(not specified)	3
2/13/2024 6:30	38.2	0	ENE	64	33	2/13/2024	(not specified)	3
2/13/2024 7:00	39.1	0	ENE	64	33	2/13/2024	(not specified)	3
2/13/2024 7:30	38.9	3	NE	40	33	2/13/2024	(not specified)	3
2/13/2024 8:00	38.7	1	NE	36	33	2/13/2024	(not specified)	3
2/13/2024 8:30	38.9	0	NNE	30	33	2/13/2024	(not specified)	3
2/13/2024 9:00	38.6	4	NNE	24	33	2/13/2024	(not specified)	3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/13/2024 9:30	37.9	1	NNE	26	33	2/13/2024	(not specified)	3
2/13/2024 10:00	37.7	2	NNE	22	33	2/13/2024	(not specified)	3
2/13/2024 10:30	38.4	0	NNE	22	33	2/13/2024	(not specified)	3
2/13/2024 11:00	38.7	0	NNE	21	33	2/13/2024	(not specified)	3
2/13/2024 11:30	39.6	0	SSE	157	33	2/13/2024	(not specified)	3
2/13/2024 12:00	40.3	0	NNE	25	33	2/13/2024	(not specified)	3
2/13/2024 12:30	41.2	0	NNE	23	33	2/13/2024	(not specified)	3
2/13/2024 13:00	42.5	0	NNE	21	33	2/13/2024	(not specified)	3
2/13/2024 13:30	44.3	4	SSE	161	33	2/13/2024	(not specified)	3
2/13/2024 14:00	44.5	6	N	9	33	2/13/2024	(not specified)	3
2/13/2024 14:30	43.4	1	NNE	18	33	2/13/2024	(not specified)	3
2/13/2024 15:00	42.7	3	NNE	18	33	2/13/2024	(not specified)	3
2/13/2024 15:30	42.2	4	NNE	19	33	2/13/2024	(not specified)	3
2/13/2024 16:00	41.7	5	NNE	31	33	2/13/2024	(not specified)	3
2/13/2024 16:30	41.6	1	NNE	24	33	2/13/2024	(not specified)	3
2/13/2024 17:00	41.5	3	NNE	28	33	2/13/2024	(not specified)	3
2/13/2024 17:30	41.2	0	NNE	28	33	2/13/2024	(not specified)	3
2/13/2024 18:00	40.6	4	NNE	24	33	2/13/2024	(not specified)	3
2/13/2024 18:30	40.1	0	NNE	27	33	2/13/2024	(not specified)	3
2/13/2024 19:00	40.1	0	NNE	27	33	2/13/2024	(not specified)	3
2/13/2024 19:30	40	0	NNE	27	33	2/13/2024	(not specified)	3
2/13/2024 20:00	39.8	0	NNE	26	33	2/13/2024	(not specified)	3
2/13/2024 20:30	39.6	0	SE	125	33	2/13/2024	(not specified)	3
2/13/2024 21:00	39.3	0	SSE	165	33	2/13/2024	(not specified)	3
2/13/2024 21:30	39.4	0	SSE	165	33	2/13/2024	(not specified)	3
2/13/2024 22:00	39.1	0	SSE	165	33	2/13/2024	(not specified)	3
2/13/2024 22:30	38.6	0	SSE	165	33	2/13/2024	(not specified)	3
2/13/2024 23:00	38.4	0	SSE	165	33	2/13/2024	(not specified)	3
2/13/2024 23:30	38	0	N	9	33	2/13/2024	(not specified)	3
2/14/2024 0:00	37.6	0	NNE	21				4
2/14/2024 0:30	37.4	0	NNE	22				4
2/14/2024 1:00	37.3	0	NNE	22				4
2/14/2024 1:30	37	2	NNE	25				4
2/14/2024 2:00	36.6	0	NNE	26				4
2/14/2024 2:30	36.6	0	NNE	26				4
2/14/2024 3:00	36.5	0	NNE	26				4
2/14/2024 3:30	36.1	2	NNE	27				4
2/14/2024 4:00	36	0	NNE	27				4
2/14/2024 4:30	36.1	0	NNE	27				4
2/14/2024 5:00	36	2	NNE	27				4
2/14/2024 5:30	35.7	1	NNE	30				4
2/14/2024 6:00	35.9	0	SW	228				4
2/14/2024 6:30	35.8	4	SW	231				4
2/14/2024 7:00	35.3	0	S	173				4
2/14/2024 7:30	35.4	0	SSE	157				4
2/14/2024 8:00	35.6	0	SSE	157				4
2/14/2024 8:30	35.9	0	NNE	25	34	2/14/2024	8:30 AM	4
2/14/2024 9:00	36.2	0	NNE	25				4
2/14/2024 9:30	36.4	0	NNE	24				4
2/14/2024 10:00	36.5	0	SSE	162				4
2/14/2024 10:30	36.5	0	SSE	161				4
2/14/2024 11:00	36.6	0	NNE	33	35	2/14/2024	11:00 AM	4
2/14/2024 11:30	36.6	0	NNE	28				4
2/14/2024 12:00	36.7	0	NNE	20				4
2/14/2024 12:30	37.1	0	NNE	22				4
2/14/2024 13:00	37.7	0	N	11				4
2/14/2024 13:30	37.9	0	WNW	300				4
2/14/2024 14:00	38.6	2	NW	313				4
2/14/2024 14:30	38.8	0	NW	306				4
2/14/2024 15:00	39	1	W	271				4
2/14/2024 15:30	39.1	0	W	281				4
2/14/2024 16:00	39.3	0	W	281				4
2/14/2024 16:30	39.3	0	W	281				4
2/14/2024 17:00	39.2	0	W	281				4
2/14/2024 17:30	39.2	0	SW	232				4
2/14/2024 18:00	39.2	0	SW	232				4
2/14/2024 18:30	39.2	0	SW	232				4
2/14/2024 19:00	39.3	1	WSW	252				4
2/14/2024 19:30	39.6	0	NNE	30				4
2/14/2024 20:00	41.9	0	S	170				4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/14/2024 20:30	44.2	2	S	170				4
2/14/2024 21:00	44.9	1	SSW	192				4
2/14/2024 21:30	44.9	6	S	185				4
2/14/2024 22:00	45	3	S	177				4
2/14/2024 22:30	45.1	6	SSW	213				4
2/14/2024 23:00	45.1	6	SSW	213				4
2/14/2024 23:30	44.9	10	SSW	211				4
2/15/2024 0:00	45.1	9	SE	136				5
2/15/2024 0:30	45.2	7	SE	126				5
2/15/2024 1:00	45	9	SSE	159				5
2/15/2024 1:30	45.1	7	SE	138				5
2/15/2024 2:00	44.9	8	SE	142				5
2/15/2024 2:30	44.8	11	ESE	105				5
2/15/2024 3:00	44.8	7	S	172				5
2/15/2024 3:30	44.7	5	SSW	214				5
2/15/2024 4:00	44.8	3	SSW	193				5
2/15/2024 4:30	44.9	0	SSE	162				5
2/15/2024 5:00	44.9	1	SSE	159				5
2/15/2024 5:30	44.8	1	SSE	157				5
2/15/2024 6:00	44.6	1	SSE	157				5
2/15/2024 6:30	44	2	SSE	157				5
2/15/2024 7:00	43.8	0	SSE	157				5
2/15/2024 7:30	43.7	0	SSE	157				5
2/15/2024 8:00	43.4	0	SSE	157				5
2/15/2024 8:30	44	2	SSE	157				5
2/15/2024 9:00	44.3	0	SSE	157				5
2/15/2024 9:30	45.3	1	SSE	157				5
2/15/2024 10:00	46	1	SSE	158				5
2/15/2024 10:30	46.7	1	SSE	158				5
2/15/2024 11:00	48	2	SSE	158				5
2/15/2024 11:30	48.5	3	SSE	158				5
2/15/2024 12:00	48.6	2	SSE	159				5
2/15/2024 12:30	48.3	0	SSE	159				5
2/15/2024 13:00	47.9	0	SSE	159				5
2/15/2024 13:30	47.9	0	SSE	159				5
2/15/2024 14:00	47.6	1	SSE	159				5
2/15/2024 14:30	47.3	0	SSE	159				5
2/15/2024 15:00	47.6	1	SSE	159				5
2/15/2024 15:30	47.2	2	SSE	159				5
2/15/2024 16:00	46.7	0	NNE	30				5
2/15/2024 16:30	46.4	2	NNE	29				5
2/15/2024 17:00	46.3	0	NNE	29				5
2/15/2024 17:30	46.1	0	NNE	29				5
2/15/2024 18:00	46	0	NNE	29				5
2/15/2024 18:30	46	0	NNE	29				5
2/15/2024 19:00	45.8	0	NNE	29				5
2/15/2024 19:30	45.8	0	NNE	29				5
2/15/2024 20:00	46	0	NW	318				5
2/15/2024 20:30	44.4	1	NW	306				5
2/15/2024 21:00	43.7	5	N	5				5
2/15/2024 21:30	43.4	2	NW	311				5
2/15/2024 22:00	43.2	1	N	11				5
2/15/2024 22:30	43.3	0	NE	36				5
2/15/2024 23:00	43.4	3	WSW	257	36	2/15/2024	10:51 PM	5
2/15/2024 23:30	42.7	4	NNE	18				5
2/16/2024 0:00	41.6	4	NW	311				6
2/16/2024 0:30	41.1	10	NNW	346				6
2/16/2024 1:00	40.6	2	NNW	331				6
2/16/2024 1:30	40.1	2	NW	313				6
2/16/2024 2:00	40.2	7	WNW	298				6
2/16/2024 2:30	39.6	2	NE	42				6
2/16/2024 3:00	39.4	8	W	267				6
2/16/2024 3:30	39.1	0	W	269				6
2/16/2024 4:00	38.8	10	W	270				6
2/16/2024 4:30	38.5	6	W	261				6
2/16/2024 5:00	38.5	4	W	265				6
2/16/2024 5:30	38.2	10	WSW	256				6
2/16/2024 6:00	37.9	6	W	270				6
2/16/2024 6:30	37.7	7	WNW	296				6
2/16/2024 7:00	37.7	4	WNW	290				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/16/2024 7:30	37.4	3	W	278				6
2/16/2024 8:00	37.3	4	NNW	338				6
2/16/2024 8:30	37.4	4	NW	316				6
2/16/2024 9:00	37.7	8	W	275				6
2/16/2024 9:30	38.3	3	NW	307				6
2/16/2024 10:00	38.5	8	WSW	257				6
2/16/2024 10:30	38.9	8	WSW	252				6
2/16/2024 11:00	39.8	3	WNW	301				6
2/16/2024 11:30	41.1	3	W	261				6
2/16/2024 12:00	43	4	WSW	242				6
2/20/2024 0:00	43.8	1	WSW	241				3
2/20/2024 0:30	43.7	1	WSW	241				3
2/20/2024 1:00	44.2	5	SSE	163				3
2/20/2024 1:30	43.5	1	SSE	162				3
2/20/2024 2:00	43.1	1	SSE	162				3
2/20/2024 2:30	43.8	0	SSE	162				3
2/20/2024 3:00	43.3	0	SSE	162				3
2/20/2024 3:30	42.5	0	SSE	162				3
2/20/2024 4:00	41.1	0	SSE	162				3
2/20/2024 4:30	41.6	0	SSE	162				3
2/20/2024 5:00	42.4	0	SSE	162				3
2/20/2024 5:30	43	0	SSE	162				3
2/20/2024 6:00	43.2	4	SSE	162				3
2/20/2024 6:30	43.2	1	NNE	30				3
2/20/2024 7:00	42.9	3	ENE	65				3
2/20/2024 7:30	42.9	1	ENE	60				3
2/20/2024 8:00	43.1	2	ENE	60				3
2/20/2024 8:30	43.3	0	ENE	63				3
2/20/2024 9:00	44	3	S	180	37	2/20/2024	9:00 AM	3
2/20/2024 9:30	44.1	1	SSW	207				3
2/20/2024 10:00	44.3	1	SSW	207				3
2/20/2024 10:30	45	2	SSW	207				3
2/20/2024 11:00	45.9	1	SSW	210				3
2/20/2024 11:30	46.5	0	SSW	210				3
2/20/2024 12:00	47	2	SSW	210				3
2/20/2024 12:30	48.1	0	SSW	210				3
2/20/2024 13:00	49.9	2	SSW	213				3
2/20/2024 13:30	50.4	0	NNE	25				3
2/20/2024 14:00	50.3	0	NNE	22				3
2/20/2024 14:30	50.6	4	NNE	18				3
2/20/2024 15:00	51	0	NNE	19	38	2/20/2024	3:00 PM	3
2/20/2024 15:30	51.5	0	NNE	20	39	2/20/2024	3:37 PM	3
2/20/2024 16:00	51.5	0	NNE	19				3
2/20/2024 16:30	50.7	0	SW	224				3
2/20/2024 17:00	49.9	0	SW	224				3
2/20/2024 17:30	49.6	1	SW	224				3
2/20/2024 18:00	49.1	3	SW	221				3
2/20/2024 18:30	48.7	5	SW	219				3
2/20/2024 19:00	48.9	2	SW	217				3
2/20/2024 19:30	48.7	1	SSW	207				3
2/20/2024 20:00	48	2	SSW	207				3
2/20/2024 20:30	47.9	4	SSW	213				3
2/20/2024 21:00	48.2	4	SW	219				3
2/20/2024 21:30	48.2	2	S	180				3
2/20/2024 22:00	47.4	0	ENE	72				3
2/20/2024 22:30	47.1	2	SSE	150				3
2/20/2024 23:00	46.9	1	SSE	161				3
2/20/2024 23:30	46.7	0	SSE	161				3
2/22/2024 0:00	45.3	0	S	190				5
2/22/2024 0:30	45.4	0	S	190				5
2/22/2024 1:00	45.7	0	S	190				5
2/22/2024 1:30	45.4	0	S	190				5
2/22/2024 2:00	44.8	0	S	190				5
2/22/2024 2:30	42.9	0	S	190				5
2/22/2024 3:00	43	0	S	190				5
2/22/2024 3:30	42.7	0	S	190				5
2/22/2024 4:00	43.6	3	S	190				5
2/22/2024 4:30	43.4	0	S	190				5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/22/2024 5:00	43.3	0	S	190				5
2/22/2024 5:30	43.2	0	S	190				5
2/22/2024 6:00	42.4	0	S	190				5
2/22/2024 6:30	40.6	0	S	190				5
2/22/2024 7:00	40.9	0	S	190				5
2/22/2024 7:30	40.6	0	S	190				5
2/22/2024 8:00	41.7	0	S	190				5
2/22/2024 8:30	44.1	0	S	190				5
2/22/2024 9:00	45.3	0	S	190				5
2/22/2024 9:30	46	1	S	190				5
2/22/2024 10:00	46.7	0	S	189				5
2/22/2024 10:30	48.4	0	S	190				5
2/22/2024 11:00	50.9	3	W	261	40	2/22/2024	10:48 AM	5
2/22/2024 11:30	51.4	0	NNW	337				5
2/22/2024 12:00	52.8	4	WNW	286				5
2/22/2024 12:30	54.1	1	WNW	284				5
2/22/2024 13:00	55.7	6	S	188				5
2/22/2024 13:30	56	0	NE	51				5
2/22/2024 14:00	56.7	2	NNE	24				5
2/22/2024 14:30	57.8	5	NNW	348				5
2/22/2024 15:00	58.4	5	WSW	255				5
2/22/2024 15:30	58.4	2	WSW	256				5
2/22/2024 16:00	57.6	2	WNW	294				5
2/22/2024 16:30	56.7	2	SW	232				5
2/22/2024 17:00	55.1	0	SW	232				5
2/22/2024 17:30	53.5	0	SW	232				5
2/22/2024 18:00	51.6	0	SW	232				5
2/22/2024 18:30	49.6	0	SW	232				5
2/22/2024 19:00	48	0	SW	232				5
2/22/2024 19:30	46.7	1	SW	232				5
2/22/2024 20:00	45.6	0	SW	232				5
2/22/2024 20:30	44.3	0	SW	232				5
2/22/2024 21:00	44	1	SW	232				5
2/22/2024 21:30	42.7	0	SW	232				5
2/22/2024 22:00	41.9	0	SW	232				5
2/22/2024 22:30	40.7	0	SW	232				5
2/22/2024 23:00	40.8	0	SW	232				5
2/22/2024 23:30	40.5	1	SW	232				5
2/24/2024 0:00	39.3	0	S	173	42	2/24/2024	(not specified)	7
2/24/2024 0:30	40.4	0	S	173	42	2/24/2024	(not specified)	7
2/24/2024 1:00	39.8	0	S	173	42	2/24/2024	(not specified)	7
2/24/2024 1:30	37.9	0	S	173	42	2/24/2024	(not specified)	7
2/24/2024 2:00	37.3	1	S	173	42	2/24/2024	(not specified)	7
2/24/2024 2:30	38	1	S	173	42	2/24/2024	(not specified)	7
2/24/2024 3:00	38.8	0	S	173	42	2/24/2024	(not specified)	7
2/24/2024 3:30	37.5	2	S	173	42	2/24/2024	(not specified)	7
2/24/2024 4:00	36.5	2	S	173	42	2/24/2024	(not specified)	7
2/24/2024 4:30	35.2	1	S	173	42	2/24/2024	(not specified)	7
2/24/2024 5:00	37.6	1	S	173	42	2/24/2024	(not specified)	7
2/24/2024 5:30	37.5	0	E	86	42	2/24/2024	(not specified)	7
2/24/2024 6:00	36	0	E	86	42	2/24/2024	(not specified)	7
2/24/2024 6:30	35.8	1	E	86	42	2/24/2024	(not specified)	7
2/24/2024 7:00	34.6	1	E	87	42	2/24/2024	(not specified)	7
2/24/2024 7:30	34.3	0	E	87	42	2/24/2024	(not specified)	7
2/24/2024 8:00	35.7	0	E	80	42	2/24/2024	(not specified)	7
2/24/2024 8:30	36.7	0	E	80	42	2/24/2024	(not specified)	7
2/24/2024 9:00	39.5	2	E	80	42	2/24/2024	(not specified)	7
2/24/2024 9:30	42	0	E	80	42	2/24/2024	(not specified)	7
2/24/2024 10:00	44.9	3	WNW	282	42	2/24/2024	(not specified)	7
2/24/2024 10:30	46.2	0	W	277	42	2/24/2024	(not specified)	7
2/24/2024 11:00	48.6	0	NW	308	42	2/24/2024	(not specified)	7
2/24/2024 11:30	50.2	4	NNE	13	42	2/24/2024	(not specified)	7
2/24/2024 12:00	51.7	3	NNW	330	42	2/24/2024	(not specified)	7
2/24/2024 12:30	52.6	3	NNW	339	42	2/24/2024	(not specified)	7
2/24/2024 13:00	53.9	3	NNE	32	41	2/24/2024	1:00 PM	7
2/24/2024 13:30	54.6	3	NNE	24	42	2/24/2024	(not specified)	7
2/24/2024 14:00	55.2	5	NNE	15	42	2/24/2024	(not specified)	7
2/24/2024 14:30	55.5	3	NNW	346	42	2/24/2024	(not specified)	7
2/24/2024 15:00	56.3	4	NNE	13	42	2/24/2024	(not specified)	7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
2/24/2024 15:30	56.6	3	NNE	16	42	2/24/2024	(not specified)	7
2/24/2024 16:00	56.8	1	N	5	42	2/24/2024	(not specified)	7
2/24/2024 16:30	56.6	1	NNE	30	42	2/24/2024	(not specified)	7
2/24/2024 17:00	55.8	1	NE	38	42	2/24/2024	(not specified)	7
2/24/2024 17:30	53.8	1	NE	38	42	2/24/2024	(not specified)	7
2/24/2024 18:00	50.2	0	NE	38	42	2/24/2024	(not specified)	7
2/24/2024 18:30	48.8	0	NE	40	42	2/24/2024	(not specified)	7
2/24/2024 19:00	48	0	NE	51	42	2/24/2024	(not specified)	7
2/24/2024 19:30	47	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 20:00	46.1	1	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 20:30	45.6	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 21:00	45.6	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 21:30	45.4	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 22:00	44.7	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 22:30	44.1	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 23:00	44.2	0	ENE	69	42	2/24/2024	(not specified)	7
2/24/2024 23:30	44.4	0	ENE	69	42	2/24/2024	(not specified)	7
3/6/2024 0:00	32.2	0	WSW	259				4
3/6/2024 0:30	33.6	0	WSW	259				4
3/6/2024 1:00	32.1	0	WSW	259				4
3/6/2024 1:30	35.2	0	WSW	259				4
3/6/2024 2:00	34.5	0	SE	130				4
3/6/2024 2:30	32.7	0	SSE	147				4
3/6/2024 3:00	29.4	0	NNW	330				4
3/6/2024 3:30	28	0	NNW	329				4
3/6/2024 4:00	26.8	0	NNW	329				4
3/6/2024 4:30	27.5	0	NNW	329				4
3/6/2024 5:00	26.4	0	NE	55				4
3/6/2024 5:30	26.5	0	SSE	163				4
3/6/2024 6:00	26.7	0	SSE	163				4
3/6/2024 6:30	25.9	0	SSE	163				4
3/6/2024 7:00	26.5	0	SSE	163				4
3/6/2024 7:30	27.6	0	SSE	163	43	3/6/2024	7:30 AM	4
3/6/2024 8:00	28.5	0	SSE	163				4
3/6/2024 8:30	29.3	0	SSE	163				4
3/6/2024 9:00	31.3	0	SSE	163				4
3/6/2024 9:30	34.5	0	NW	326				4
3/6/2024 10:00	37.8	4	SW	232				4
3/6/2024 10:30	40.1	0	NNE	28				4
3/6/2024 11:00	41.6	0	WNW	297				4
3/6/2024 11:30	43.5	4	NE	39				4
3/6/2024 12:00	43.7	0	S	175				4
3/6/2024 12:30	44.5	3	NNE	24				4
3/6/2024 13:00	45.3	3	W	275				4
3/6/2024 13:30	46.7	3	NNW	338				4
3/6/2024 14:00	46.1	1	N	360				4
3/6/2024 14:30	45.9	10	NNE	30				4
3/6/2024 15:00	46.8	5	NNE	28				4
3/6/2024 15:30	45.4	1	NE	41				4
3/6/2024 16:00	46.4	2	NNE	20				4
3/6/2024 16:30	45.7	2	NE	40				4
3/6/2024 17:00	45.3	0	NNE	24				4
3/6/2024 17:30	46.4	0	NNE	22				4
3/6/2024 18:00	43.8	0	NNE	30				4
3/6/2024 18:30	41.6	0	NNE	30				4
3/6/2024 19:00	40.6	0	NNE	30				4
3/6/2024 19:30	39.5	0	NNE	30				4
3/6/2024 20:00	38.6	0	NNE	30				4
3/6/2024 20:30	38.2	0	NNE	29				4
3/6/2024 21:00	37	0	NNE	29				4
3/6/2024 21:30	35.5	0	NNE	29				4
3/6/2024 22:00	34	0	NNE	29				4
3/6/2024 22:30	33.2	0	NNE	29				4
3/6/2024 23:00	32.4	0	NNE	29				4
3/6/2024 23:30	31.9	0	NNE	29				4
3/8/2024 0:00	30.3	0	SSE	147				6
3/8/2024 0:30	31.4	0	SSE	147				6
3/8/2024 1:00	30.5	0	SSE	147				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
3/8/2024 1:30	29.8	0	SSE	147				6
3/8/2024 2:00	29.2	0	SSE	147				6
3/8/2024 2:30	28.7	0	SSE	147				6
3/8/2024 3:00	28.5	0	SSE	147				6
3/8/2024 3:30	28.9	0	SSE	147				6
3/8/2024 4:00	28.8	0	SSE	147				6
3/8/2024 4:30	29.4	0	SSE	147				6
3/8/2024 5:00	29.5	0	SSE	147				6
3/8/2024 5:30	29.1	0	SSE	147				6
3/8/2024 6:00	29.1	0	SSE	147				6
3/8/2024 6:30	29.4	0	SSE	147				6
3/8/2024 7:00	29.6	0	SSE	147				6
3/8/2024 7:30	30.8	0	SSE	147				6
3/8/2024 8:00	31.8	0	SSE	147				6
3/8/2024 8:30	33.2	0	SSE	147	44	3/8/2024	8:30 AM	6
3/8/2024 9:00	35.7	0	SSE	147				6
3/8/2024 9:30	38.4	0	SE	146				6
3/8/2024 10:00	41.6	0	ESE	119				6
3/8/2024 10:30	44	0	NNE	22				6
3/8/2024 11:00	46.2	0	NNE	34				6
3/8/2024 11:30	48.1	0	NNE	21				6
3/8/2024 12:00	49.9	2	NNE	23				6
3/8/2024 12:30	51.3	0	NNE	13				6
3/8/2024 13:00	52.9	1	NNE	25	45	3/8/2024	1:00 PM	6
3/8/2024 13:30	54.1	9	NNE	24				6
3/8/2024 14:00	55.3	3	NNE	28				6
3/8/2024 14:30	56.8	6	SSW	200				6
3/8/2024 15:00	58	0	SE	134				6
3/8/2024 15:30	58.7	0	S	178				6
3/8/2024 16:00	59.9	5	SSE	159				6
3/8/2024 16:30	59.7	0	S	172				6
3/8/2024 17:00	59	0	SE	140				6
3/8/2024 17:30	55.5	0	SE	140				6
3/8/2024 18:00	52.2	0	SE	140				6
3/8/2024 18:30	48.4	0	SE	140				6
3/8/2024 19:00	46.7	0	SE	140				6
3/8/2024 19:30	44.6	0	SE	140				6
3/8/2024 20:00	43.6	0	SE	140				6
3/8/2024 20:30	42.7	0	S	185				6
3/8/2024 21:00	41.8	0	SSE	163				6
3/8/2024 21:30	41.3	0	SSE	163				6
3/8/2024 22:00	41	0	S	186				6
3/8/2024 22:30	41	0	NW	320				6
3/8/2024 23:00	39.7	0	W	262				6
3/8/2024 23:30	39	0	W	276				6
3/12/2024 0:00	45.4	7	SSE	165				3
3/12/2024 0:30	45.3	14	SSW	207				3
3/12/2024 1:00	45.6	3	SSE	147				3
3/12/2024 1:30	45.3	6	S	185				3
3/12/2024 2:00	45.7	4	SSW	198				3
3/12/2024 2:30	45.7	5	SSE	163				3
3/12/2024 3:00	45.8	8	S	172				3
3/12/2024 3:30	45.7	7	S	174				3
3/12/2024 4:00	45.2	4	S	189				3
3/12/2024 4:30	44.8	4	SSW	198				3
3/12/2024 5:00	44.7	2	SSW	213				3
3/12/2024 5:30	45.3	3	SSW	206				3
3/12/2024 6:00	44.7	7	SSW	192				3
3/12/2024 6:30	44	3	S	187				3
3/12/2024 7:00	44	1	S	187				3
3/12/2024 7:30	43.9	6	S	177				3
3/12/2024 8:00	42.7	3	S	191				3
3/12/2024 8:30	42.8	4	SSW	196				3
3/12/2024 9:00	43.8	6	SW	227				3
3/12/2024 9:30	44.3	5	SSW	197				3
3/12/2024 10:00	44.8	5	S	191				3
3/12/2024 10:30	46.2	7	SSW	209				3
3/12/2024 11:00	46.2	7	SSW	209				3
3/12/2024 11:30	46.2	7	SSW	209				3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
3/12/2024 12:00	48.4	11	SSW	197				3
3/12/2024 12:30	49.9	9	SW	234				3
3/12/2024 13:00	51	10	W	281				3
3/12/2024 13:30	51.9	9	SSW	198				3
3/12/2024 14:00	49.2	6	SW	221				3
3/12/2024 14:30	50.1	9	SSW	196	46	3/12/2024	2:30 PM	3
3/12/2024 15:00	50.3	8	SSW	194				3
3/12/2024 15:30	52.6	10	WSW	248				3
3/12/2024 16:00	51.9	10	SSW	192				3
3/12/2024 16:30	49.7	9	SSW	197				3
3/12/2024 17:00	49.4	10	SSW	206				3
3/12/2024 17:30	49.9	8	SW	232				3
3/12/2024 18:00	45	8	SW	231				3
3/12/2024 18:30	44.3	4	SSW	193				3
3/12/2024 19:00	43.6	0	SSW	192				3
3/12/2024 19:30	42	0	SSW	192				3
3/12/2024 20:00	40.3	0	SSW	192				3
3/12/2024 20:30	39.5	0	SSW	192				3
3/12/2024 21:00	39.1	0	SSW	210				3
3/12/2024 21:30	38.9	0	SSW	210				3
3/12/2024 22:00	40.3	0	SSW	210				3
3/12/2024 22:30	40.2	0	SSW	207				3
3/12/2024 23:00	39.9	0	SSW	207				3
3/12/2024 23:30	39.8	0	SSW	202				3
3/23/2024 0:00	45.9	0	S	180				7
3/23/2024 0:30	45.3	0	S	180				7
3/23/2024 1:00	44.8	0	S	180				7
3/23/2024 1:30	45	1	S	180				7
3/23/2024 2:00	45.3	0	S	180				7
3/23/2024 2:30	44.7	0	S	180				7
3/23/2024 3:00	45	0	NNE	34				7
3/23/2024 3:30	45.1	0	SE	132				7
3/23/2024 4:00	44.6	0	ESE	115				7
3/23/2024 4:30	43.6	2	ENE	57				7
3/23/2024 5:00	43.3	2	NE	44				7
3/23/2024 5:30	43.3	0	NE	38				7
3/23/2024 6:00	43.4	0	NE	38				7
3/23/2024 6:30	42.9	0	NE	37				7
3/23/2024 7:00	42.7	1	NE	37				7
3/23/2024 7:30	44	0	NE	37				7
3/23/2024 8:00	44.7	0	NE	40	47	3/23/2024	8:00 AM	7
3/23/2024 8:30	45.3	6	SSW	194				7
3/23/2024 9:00	46.4	6	SW	219				7
3/23/2024 9:30	47.9	4	SW	236				7
3/23/2024 10:00	47.9	4	SW	220				7
3/23/2024 10:30	47.4	4	SSE	166				7
3/23/2024 11:00	48	2	SSE	161				7
3/23/2024 11:30	48.6	4	SW	223				7
3/23/2024 12:00	48.7	4	SSW	195				7
3/23/2024 12:30	50.3	2	SE	144				7
3/23/2024 13:00	50.3	2	SSE	169				7
3/23/2024 13:30	50.5	9	S	188				7
3/23/2024 14:00	50.7	11	S	177				7
3/23/2024 14:30	50.3	3	S	176				7
3/23/2024 15:00	50.3	4	SSE	161				7
3/23/2024 15:30	50.1	2	S	173				7
3/23/2024 16:00	51	1	SSE	157				7
3/23/2024 16:30	52.2	6	SSE	164				7
3/23/2024 17:00	49.7	0	SSW	207				7
3/23/2024 17:30	50.3	0	SSW	195				7
3/23/2024 18:00	52.1	0	S	178				7
3/23/2024 18:30	50.5	0	SSE	168				7
3/23/2024 19:00	50.2	0	SSE	168				7
3/23/2024 19:30	49	0	SSE	168				7
3/23/2024 20:00	47.9	0	SSE	168				7
3/23/2024 20:30	47.1	1	SSE	168				7
3/23/2024 21:00	46.5	0	SSE	168				7
3/23/2024 21:30	45.2	0	SSE	168				7
3/23/2024 22:00	44.2	0	SSE	168				7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
3/23/2024 22:30	42.9	0	SSE	168				7
3/23/2024 23:00	42.1	0	SSE	168				7
3/23/2024 23:30	41.7	0	SSE	168				7
4/1/2024 0:00	44.9	0	SSW	213				2
4/1/2024 0:30	44.6	0	SSW	213				2
4/1/2024 1:00	44.8	0	SSW	213				2
4/1/2024 1:30	44.1	0	SSW	213				2
4/1/2024 2:00	41.8	0	SSW	213				2
4/1/2024 2:30	40.7	0	SSW	213				2
4/1/2024 3:00	41	0	SSW	213				2
4/1/2024 3:30	41.3	0	SSW	213				2
4/1/2024 4:00	40	1	SSW	213				2
4/1/2024 4:30	40.2	0	SSW	213				2
4/1/2024 5:00	37.9	0	SSW	212				2
4/1/2024 5:30	37.4	0	SSW	212				2
4/1/2024 6:00	38.7	0	SSW	212				2
4/1/2024 6:30	37.2	0	SSW	212				2
4/1/2024 7:00	36.7	0	SSW	212				2
4/1/2024 7:30	37	0	SSW	212				2
4/1/2024 8:00	37.9	0	SSW	213	48	4/1/2024	8:00 AM	2
4/1/2024 8:30	39.8	0	SSW	213				2
4/1/2024 9:00	42.3	0	SSW	213	49	4/1/2024	9:00 AM	2
4/1/2024 9:30	43.9	0	SSW	213				2
4/1/2024 10:00	46.8	0	SSW	213				2
4/1/2024 10:30	52.2	2	N	9				2
4/1/2024 11:00	56	0	NNE	22				2
4/1/2024 11:30	58.1	0	S	183				2
4/1/2024 12:00	58.8	0	S	180				2
4/1/2024 12:30	60.6	2	SSE	168				2
4/1/2024 13:00	62.2	2	SSE	150				2
4/1/2024 13:30	63.8	1	ENE	59				2
4/1/2024 14:00	64.6	3	NNE	29				2
4/1/2024 14:30	65.8	4	N	5				2
4/1/2024 15:00	66.8	0	NNE	29				2
4/1/2024 15:30	68.1	3	NNE	23				2
4/1/2024 16:00	68.6	5	NNE	23				2
4/1/2024 16:30	69.1	4	NNE	22				2
4/1/2024 17:00	69.6	0	SSE	163				2
4/1/2024 17:30	69.3	2	NNE	18				2
4/1/2024 18:00	70.1	1	NNE	17				2
4/1/2024 18:30	69.2	0	NNE	17				2
4/1/2024 19:00	67.8	0	NNE	17				2
4/1/2024 19:30	64.7	0	NNE	17				2
4/1/2024 20:00	59.6	0	NNE	17				2
4/1/2024 20:30	57.2	0	NNE	17				2
4/1/2024 21:00	56.1	0	NNE	17				2
4/1/2024 21:30	55	0	ESE	111				2
4/1/2024 22:00	52.2	0	ESE	111				2
4/1/2024 22:30	50.9	0	ESE	111				2
4/1/2024 23:00	51	1	ESE	111				2
4/1/2024 23:30	50.9	0	SE	126	50	4/1/2024	11:30 PM	2
4/2/2024 0:00	50.3	0	SE	144				3
4/2/2024 0:30	48.5	0	SSW	192				3
4/2/2024 1:00	47.1	0	NW	306				3
4/2/2024 1:30	46.7	0	NW	306				3
4/2/2024 2:00	46.7	0	NW	306				3
4/2/2024 2:30	45.8	0	NW	306				3
4/2/2024 3:00	44.8	0	NW	306				3
4/2/2024 3:30	44	0	NW	306				3
4/2/2024 4:00	45	0	NW	306				3
4/2/2024 4:30	44.1	0	NW	306				3
4/2/2024 5:00	43.4	0	NW	306				3
4/2/2024 5:30	43.7	0	NW	306				3
4/2/2024 6:00	41.5	0	NW	306				3
4/2/2024 6:30	41.4	0	NW	306				3
4/2/2024 7:00	42	0	NW	306				3
4/2/2024 7:30	40.7	0	NW	306				3
4/2/2024 8:00	42.4	0	NW	306				3
4/2/2024 8:30	45.8	0	NW	306				3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
4/2/2024 9:00	48	1	NNE	21				3
4/2/2024 9:30	50.2	2	NNE	23				3
4/2/2024 10:00	52.6	0	N	360				3
4/2/2024 10:30	57.4	1	NW	321				3
4/2/2024 11:00	61.3	2	SSE	165				3
4/2/2024 11:30	64.1	0	S	171				3
4/2/2024 12:00	65.8	1	S	182				3
4/12/2024 0:00	46.7	0	SSW	196				6
4/12/2024 0:30	46.6	0	SSW	196				6
4/12/2024 1:00	46.5	0	SSW	196				6
4/12/2024 1:30	46.3	0	SSW	196				6
4/12/2024 2:00	46.2	0	SSW	196				6
4/12/2024 2:30	46.2	0	SSW	196				6
4/12/2024 3:00	46.2	0	WNW	282				6
4/12/2024 3:30	46.2	0	WNW	282				6
4/12/2024 4:00	46.1	0	WNW	282				6
4/12/2024 4:30	46	0	WNW	282				6
4/12/2024 5:00	46.3	0	WNW	282				6
4/12/2024 5:30	46.3	0	WNW	282				6
4/12/2024 6:00	46.4	0	NNE	31				6
4/12/2024 6:30	46.2	1	NNE	34				6
4/12/2024 7:00	46.3	0	NNE	34	51	4/12/2024	7:00 AM	6
4/12/2024 7:30	46.6	0	W	268				6
4/12/2024 8:00	46.7	1	W	265				6
4/12/2024 8:30	46.8	3	WSW	248				6
4/12/2024 9:00	47.3	4	W	267				6
4/12/2024 9:30	48.7	0	NE	36				6
4/12/2024 10:00	50.1	1	ENE	65				6
4/12/2024 10:30	50.1	0	SW	215				6
4/12/2024 11:00	52.1	1	SSW	198				6
4/12/2024 11:30	53.9	1	S	179				6
4/12/2024 12:00	54.9	0	W	262				6
4/12/2024 12:30	56	0	SSE	166				6
4/12/2024 13:00	56.8	7	SW	217				6
4/12/2024 13:30	56.9	2	WSW	249				6
4/12/2024 14:00	58.6	4	SSW	212				6
4/12/2024 14:30	59.6	0	SE	128				6
4/12/2024 15:00	61.3	2	NNE	32				6
4/12/2024 15:30	60.7	0	N	11				6
4/12/2024 16:00	62.8	5	NW	312				6
4/12/2024 16:30	62.9	0	ENE	78				6
4/12/2024 17:00	62.9	1	WSW	257				6
4/12/2024 17:30	62.3	1	WSW	241				6
4/12/2024 18:00	62.4	0	SW	234				6
4/12/2024 18:30	62.2	0	WSW	237				6
4/12/2024 19:00	61.4	0	WSW	240				6
4/12/2024 19:30	60.9	0	WSW	240				6
4/12/2024 20:00	59.8	0	WSW	240				6
4/12/2024 20:30	58.4	0	WSW	240				6
4/12/2024 21:00	57.6	0	WSW	240				6
4/12/2024 21:30	56.6	0	WSW	240				6
4/12/2024 22:00	56.3	0	WSW	240				6
4/12/2024 22:30	58.3	0	WSW	240				6
4/12/2024 23:00	57.8	0	WSW	240				6
4/12/2024 23:30	58	0	ESE	115				6
5/2/2024 0:00	45.1	0	WSW	240				5
5/2/2024 0:30	44.7	0	SW	215				5
5/2/2024 1:00	44.7	0	NNW	327				5
5/2/2024 1:30	44.6	0	NNW	336				5
5/2/2024 2:00	44.9	0	W	281				5
5/2/2024 2:30	45.3	2	NNE	17				5
5/2/2024 3:00	45.7	0	NNE	20				5
5/2/2024 3:30	46	0	NNE	20				5
5/2/2024 4:00	46.1	1	NNE	19				5
5/2/2024 4:30	46.2	0	NNE	19				5
5/2/2024 5:00	45.9	1	NNE	26				5
5/2/2024 5:30	45.6	0	NE	38				5
5/2/2024 6:00	45.4	2	N	10				5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
5/2/2024 6:30	45.4	0	NNE	34				5
5/2/2024 7:00	45.2	2	W	264				5
5/2/2024 7:30	45.2	0	W	263				5
5/2/2024 8:00	45.4	1	W	264				5
5/2/2024 8:30	45.6	1	WSW	252				5
5/2/2024 9:00	46.1	0	WSW	252				5
5/2/2024 9:30	46.4	0	WSW	252				5
5/2/2024 10:00	46.2	6	W	262				5
5/2/2024 10:30	46.7	1	WSW	249				5
5/2/2024 11:00	47.8	2	WSW	250				5
5/2/2024 11:30	48.9	0	WSW	255				5
5/2/2024 12:00	49.2	0	W	263				5
5/2/2024 12:30	51.1	3	NNW	341				5
5/2/2024 13:00	53.3	2	W	268				5
5/2/2024 13:30	56.4	4	NNE	13				5
5/2/2024 14:00	55.1	0	N	11				5
5/2/2024 14:30	53.7	1	ENE	68				5
5/2/2024 15:00	53.7	0	ENE	69				5
5/2/2024 15:30	53.7	0	ENE	69				5
5/2/2024 16:00	53.7	0	ENE	69				5
5/2/2024 16:30	53.7	0	ENE	69				5
5/2/2024 17:00	53.7	0	ENE	69				5
5/2/2024 17:30	53.7	0	ENE	69				5
5/2/2024 18:00	53.7	0	ENE	69				5
5/2/2024 18:30	53.7	0	ENE	69				5
5/2/2024 19:00	53.7	0	ENE	69	52	5/2/2024	7:00 PM	5
5/2/2024 19:30	53.7	0	ENE	69				5
5/2/2024 20:00	53.7	0	ENE	69				5
5/2/2024 20:30	53.7	0	ENE	69				5
5/2/2024 21:00	53.7	0	ENE	69				5
5/2/2024 21:30	53.7	0	ENE	69				5
5/2/2024 22:00	53.7	0	ENE	69				5
5/2/2024 22:30	53.7	0	ENE	69				5
5/2/2024 23:00	53.7	0	ENE	69				5
5/2/2024 23:30	53.7	0	ENE	69				5
5/23/2024 0:00	50	0	S	184				5
5/23/2024 0:30	48.4	0	SSE	167				5
5/23/2024 1:00	46.2	0	SSE	167				5
5/23/2024 1:30	45.4	0	SSE	167				5
5/23/2024 2:00	43.2	1	SSE	167				5
5/23/2024 2:30	42.5	0	SSE	167				5
5/23/2024 3:00	42.2	0	S	184				5
5/23/2024 3:30	42.7	0	S	184				5
5/23/2024 4:00	44	0	S	184				5
5/23/2024 4:30	43.9	0	S	184				5
5/23/2024 5:00	43.2	0	S	184				5
5/23/2024 5:30	42.1	0	S	184				5
5/23/2024 6:00	40.3	0	S	184				5
5/23/2024 6:30	41.1	0	S	185				5
5/23/2024 7:00	42.1	0	S	185				5
5/23/2024 7:30	45.7	4	NNE	24	53	5/23/2024	7:30 AM	5
5/23/2024 8:00	47.9	3	NNE	13	54	5/23/2024	7:50 AM	5
5/23/2024 8:30	50.1	0	NNE	13				5
5/23/2024 9:00	53.9	2	NNE	22				5
5/23/2024 9:30	56	3	NNE	24	55	5/23/2024	9:30 AM	5
5/23/2024 10:00	56.3	0	NNE	22				5
5/23/2024 10:30	55.5	4	SSW	201				5
5/23/2024 11:00	56	3	SSW	199				5
5/23/2024 11:30	57.7	1	SSW	203				5
5/23/2024 12:00	60.1	5	N	11				5
5/23/2024 12:30	59.9	0	E	90				5
5/23/2024 13:00	60.5	6	NE	35				5
5/23/2024 13:30	62	2	ENE	79				5
5/23/2024 14:00	61.7	2	NE	46				5
5/23/2024 14:30	63.3	1	WSW	238				5
5/23/2024 15:00	62.9	5	NNW	345				5
5/23/2024 15:30	63.2	6	NNE	34				5
5/23/2024 16:00	64.4	0	NE	45				5
5/23/2024 16:30	64.6	1	ENE	74				5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
5/23/2024 17:00	64.4	5	NE	39				5
5/23/2024 17:30	64.2	5	NE	37				5
5/23/2024 18:00	64.2	10	NE	36	56	5/23/2024	6:00 PM	5
5/23/2024 18:30	63.6	7	NE	38				5
5/23/2024 19:00	63.6	6	NE	51				5
5/23/2024 19:30	62.9	8	NNE	31				5
5/23/2024 20:00	60.9	3	N	355				5
5/23/2024 20:30	59.2	3	N	5				5
5/23/2024 21:00	57.4	0	N	5				5
5/23/2024 21:30	52.1	0	N	5				5
5/23/2024 22:00	50.1	0	N	5				5
5/23/2024 22:30	48.7	0	N	5				5
5/23/2024 23:00	48.2	0	N	5				5
5/23/2024 23:30	47.4	0	N	5				5
7/11/2024 0:00	69.9	6	W	273				5
7/11/2024 0:30	69	0	WSW	252				5
7/11/2024 1:00	67.8	0	NNW	346				5
7/11/2024 1:30	67.2	1	NNW	340				5
7/11/2024 2:00	60.2	1	NW	322				5
7/11/2024 2:30	56.1	2	NW	315				5
7/11/2024 3:00	54.7	2	WNW	300				5
7/11/2024 3:30	54.4	3	WNW	282				5
7/11/2024 4:00	53.3	3	WNW	282				5
7/11/2024 4:30	53.2	1	WNW	282				5
7/11/2024 5:00	52.4	1	WNW	282				5
7/11/2024 5:30	52.1	0	WNW	282				5
7/11/2024 6:00	51	2	WNW	282				5
7/11/2024 6:30	52.6	1	W	281				5
7/11/2024 7:00	53.7	2	W	281				5
7/11/2024 7:30	55.9	2	W	264				5
7/11/2024 8:00	61.5	6	W	269				5
7/11/2024 8:30	63.7	3	WSW	259				5
7/11/2024 9:00	66.9	4	NW	314				5
7/11/2024 9:30	68.3	4	WNW	294				5
7/11/2024 10:00	70.7	2	NNW	342				5
7/11/2024 10:30	72.5	1	NNW	341				5
7/11/2024 11:00	73.5	4	WNW	302				5
7/11/2024 11:30	76	2	NNE	24				5
7/11/2024 12:00	77.5	8	W	270				5
7/11/2024 12:30	78.8	3	SW	225				5
7/11/2024 13:00	80.9	5	N	351				5
7/11/2024 13:30	81.2	6	SW	221				5
7/11/2024 14:00	82.9	5	NNE	17				5
7/11/2024 14:30	83.4	3	W	262				5
7/11/2024 15:00	84	2	W	280				5
7/11/2024 15:30	85.9	9	NNE	28				5
7/11/2024 16:00	86	4	ENE	76				5
7/11/2024 16:30	86.2	4	NNE	28				5
7/11/2024 17:00	86.5	12	NE	40				5
7/11/2024 17:30	86.6	3	NE	56				5
7/11/2024 18:00	85.8	3	N	5				5
7/11/2024 18:30	85.4	10	ENE	59				5
7/11/2024 19:00	85.1	7	WNW	285				5
7/11/2024 19:30	83.5	2	WNW	301				5
7/11/2024 20:00	81	2	SW	234				5
7/11/2024 20:30	78.1	1	S	191				5
7/11/2024 21:00	75.6	5	NW	314				5
7/11/2024 21:30	73.4	5	NE	37				5
7/11/2024 22:00	70.5	0	NNW	327				5
7/11/2024 22:30	68.7	6	N	5				5
7/11/2024 23:00	65.9	2	NW	315				5
7/11/2024 23:30	62.2	1	NW	311				5
7/12/2024 0:00	60.4	3	WSW	257	57	7/12/2024	12:06 AM	6
7/12/2024 0:30	58.9	3	WSW	257				6
7/12/2024 1:00	57.6	4	SSE	165				6
7/12/2024 1:30	56.9	4	SSE	165				6
7/12/2024 2:00	56.6	5	SSE	164				6
7/12/2024 2:30	55.8	3	SSE	153				6
7/12/2024 3:00	52.3	3	SSE	153				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
7/12/2024 3:30	53	3	SSE	153				6
7/12/2024 4:00	51.8	3	SSE	153				6
7/12/2024 4:30	51.8	3	SSE	153				6
7/12/2024 5:00	50.8	2	SSE	153				6
7/12/2024 5:30	50.3	1	SSE	153				6
7/12/2024 6:00	51	4	SSE	159				6
7/12/2024 6:30	51.2	5	SSE	161				6
7/12/2024 7:00	52	2	SSE	163				6
7/12/2024 7:30	54.5	4	NW	321				6
7/12/2024 8:00	58.1	4	NW	317				6
7/12/2024 8:30	60	3	WNW	299				6
7/12/2024 9:00	62.2	4	WSW	259				6
7/12/2024 9:30	64.6	5	W	300				6
7/12/2024 10:00	66.7	3	W	271				6
7/12/2024 10:30	69.1	5	N	350				6
7/12/2024 11:00	71	7	W	275				6
7/12/2024 11:30	73.4	5	SW	235				6
7/12/2024 12:00	75.4	6	ENE	57				6
7/24/2024 0:00	60.2	2	SSW	199				4
7/24/2024 0:30	57.6	2	SSW	199				4
7/24/2024 1:00	56.3	1	SSE	163				4
7/24/2024 1:30	55.7	1	SSE	163				4
7/24/2024 2:00	53.3	0	SW	231				4
7/24/2024 2:30	52.6	2	S	188				4
7/24/2024 3:00	52.9	0	S	188				4
7/24/2024 3:30	52.2	1	S	188				4
7/24/2024 4:00	51.6	2	S	188				4
7/24/2024 4:30	50.3	0	SSW	194				4
7/24/2024 5:00	50.2	1	SSW	194				4
7/24/2024 5:30	50.3	1	SSW	194				4
7/24/2024 6:00	48.8	2	SSW	194				4
7/24/2024 6:30	49.6	2	SSW	194				4
7/24/2024 7:00	50.3	2	SSW	194				4
7/24/2024 7:30	53.3	3	SSW	194				4
7/24/2024 8:00	57	1	SSW	194				4
7/24/2024 8:30	62.9	1	SSW	195				4
7/24/2024 9:00	64.5	3	W	267				4
7/24/2024 9:30	67.1	2	WSW	244				4
7/24/2024 10:00	68.8	2	WNW	298				4
7/24/2024 10:30	70.2	5	WSW	238				4
7/24/2024 11:00	71.8	5	WNW	296				4
7/24/2024 11:30	74.3	4	NNE	12				4
7/24/2024 12:00	75.7	1	WNW	301				4
7/24/2024 12:30	77.8	4	NW	306				4
7/24/2024 13:00	78.3	6	S	175	58	7/24/2024	1:00 PM	4
7/24/2024 13:30	80	2	NNW	329				4
7/24/2024 14:00	81.2	4	NE	40				4
7/24/2024 14:30	82	8	NNE	16				4
7/24/2024 15:00	82.1	9	WNW	290				4
7/24/2024 15:30	82.3	2	SSW	202				4
7/24/2024 16:00	81.6	6	SSW	194				4
7/24/2024 16:30	81.8	5	WSW	254				4
7/24/2024 17:00	81.2	8	WSW	242				4
7/24/2024 17:30	79.2	5	SSW	209				4
7/24/2024 18:00	77.6	7	W	279				4
7/24/2024 18:30	74.1	5	WSW	254				4
7/24/2024 19:00	72.9	14	WSW	248				4
7/24/2024 19:30	71.2	6	WSW	238				4
7/24/2024 20:00	70.2	3	SW	226				4
7/24/2024 20:30	66.9	4	SW	223				4
7/24/2024 21:00	65.1	1	SW	234				4
7/24/2024 21:30	62.8	3	SW	227				4
7/24/2024 22:00	61.3	2	SW	227				4
7/24/2024 22:30	60	2	SW	222				4
7/24/2024 23:00	58.8	1	SW	221				4
7/24/2024 23:30	57.5	0	SW	221				4
7/30/2024 0:00	63	0	SW	229				3
7/30/2024 0:30	63.2	0	SW	229				3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
7/30/2024 1:00	62.8	3	SW	229				3
7/30/2024 1:30	62.7	2	SW	229				3
7/30/2024 2:00	62.4	3	SW	227				3
7/30/2024 2:30	62.5	0	SW	227				3
7/30/2024 3:00	62.3	0	SW	227				3
7/30/2024 3:30	62.1	0	SW	227				3
7/30/2024 4:00	62	0	SW	227				3
7/30/2024 4:30	61.4	0	SW	227				3
7/30/2024 5:00	61	0	SW	227				3
7/30/2024 5:30	60.8	0	SW	227				3
7/30/2024 6:00	61.2	0	SW	227				3
7/30/2024 6:30	60.8	0	SW	227				3
7/30/2024 7:00	61.4	0	SW	227				3
7/30/2024 7:30	61.7	0	SW	227				3
7/30/2024 8:00	62.5	0	SW	227				3
7/30/2024 8:30	64.1	0	SW	227				3
7/30/2024 9:00	65.2	0	SW	227				3
7/30/2024 9:30	67.6	0	S	180				3
7/30/2024 10:00	67.4	5	S	189				3
7/30/2024 10:30	68.3	0	SW	225				3
7/30/2024 11:00	69.7	4	SSW	211				3
7/30/2024 11:30	70.6	4	SW	216				3
7/30/2024 12:00	70.6	1	SSW	194				3
7/30/2024 12:30	71.7	5	SSW	212				3
7/30/2024 13:00	72.8	5	SSW	201				3
7/30/2024 13:30	73.3	4	SSW	205				3
7/30/2024 14:00	74.2	3	SSW	211				3
7/30/2024 14:30	75.4	6	S	181				3
7/30/2024 15:00	75.8	4	NE	41				3
7/30/2024 15:30	75.7	2	SW	231				3
7/30/2024 16:00	77.9	3	WSW	257				3
7/30/2024 16:30	78.4	5	SW	234				3
7/30/2024 17:00	78.1	3	SSW	214				3
7/30/2024 17:30	78.4	6	SW	223	59	7/30/2024	5:30 PM	3
7/30/2024 18:00	78.3	2	WSW	242				3
7/30/2024 18:30	78.2	4	WSW	250				3
7/30/2024 19:00	76.9	4	WSW	241				3
7/30/2024 19:30	75.8	4	WSW	250				3
7/30/2024 20:00	73.1	2	SSW	200				3
7/30/2024 20:30	70	2	S	190				3
7/30/2024 21:00	67.8	3	SSW	193				3
7/30/2024 21:30	66.5	4	SSW	193				3
7/30/2024 22:00	65.6	0	SSW	194				3
7/30/2024 22:30	64.9	2	SSW	194				3
7/30/2024 23:00	64.1	0	SSW	194				3
7/30/2024 23:30	63.6	2	SSW	194				3
8/4/2024 0:00	62.3	1	S	184				1
8/4/2024 0:30	62.6	2	S	184				1
8/4/2024 1:00	62.1	3	S	182				1
8/4/2024 1:30	58.7	1	S	182				1
8/4/2024 2:00	58.2	0	S	182				1
8/4/2024 2:30	57	0	S	182				1
8/4/2024 3:00	56.2	1	S	182				1
8/4/2024 3:30	55.9	0	S	182				1
8/4/2024 4:00	56	0	S	182				1
8/4/2024 4:30	55.2	0	S	182				1
8/4/2024 5:00	54.2	0	S	182				1
8/4/2024 5:30	53.7	1	S	182				1
8/4/2024 6:00	53	0	S	182				1
8/4/2024 6:30	52.8	0	S	182				1
8/4/2024 7:00	54	0	S	182				1
8/4/2024 7:30	55.8	0	S	182				1
8/4/2024 8:00	57.3	0	S	182				1
8/4/2024 8:30	59.4	0	S	182	60	8/4/2024	8:30 AM	1
8/4/2024 9:00	64.1	1	S	178				1
8/4/2024 9:30	68.4	0	N	9				1
8/4/2024 10:00	71.6	5	N	360				1
8/4/2024 10:30	73.3	3	W	278				1
8/4/2024 11:00	75.3	2	WSW	248				1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
8/4/2024 11:30	78.2	2	N	9				1
8/4/2024 12:00	79.7	4	WSW	258				1
8/4/2024 12:30	81.8	4	SE	136				1
8/4/2024 13:00	83.8	3	WSW	254				1
8/4/2024 13:30	85.9	4	ESE	121				1
8/4/2024 14:00	87.8	3	NNW	327				1
8/4/2024 14:30	88.9	4	WNW	289				1
8/4/2024 15:00	89.7	5	SSW	205				1
8/4/2024 15:30	90.9	5	NW	321				1
8/4/2024 16:00	91.4	3	WNW	282				1
8/4/2024 16:30	91.6	2	NW	315				1
8/4/2024 17:00	92.1	3	WSW	238				1
8/4/2024 17:30	91.9	3	W	263				1
8/4/2024 18:00	90.6	4	SW	236				1
8/4/2024 18:30	89.8	4	WSW	247				1
8/4/2024 19:00	86.7	4	SSW	195				1
8/4/2024 19:30	82.5	6	SSW	196				1
8/4/2024 20:00	78.1	6	SW	227				1
8/4/2024 20:30	74.4	7	SSW	202				1
8/4/2024 21:00	71.7	7	SSW	210				1
8/4/2024 21:30	69.9	3	SSW	199				1
8/4/2024 22:00	68.2	10	SSW	192				1
8/4/2024 22:30	66.8	4	SSW	200				1
8/4/2024 23:00	66	5	SSW	204				1
8/4/2024 23:30	64.4	3	SSW	207				1
8/8/2024 0:00	64.7	3	SSW	208				5
8/8/2024 0:30	63.5	0	SSW	208				5
8/8/2024 1:00	61.5	1	SSW	208				5
8/8/2024 1:30	60.2	3	SSW	208				5
8/8/2024 2:00	61	2	SSW	208				5
8/8/2024 2:30	59.8	2	SSW	208				5
8/8/2024 3:00	58.6	2	SSW	208				5
8/8/2024 3:30	57.2	2	WSW	245				5
8/8/2024 4:00	57.5	2	WSW	245				5
8/8/2024 4:30	56.8	3	WSW	245				5
8/8/2024 5:00	55.8	1	WSW	245				5
8/8/2024 5:30	56.2	0	WSW	245				5
8/8/2024 6:00	55.6	2	WSW	245				5
8/8/2024 6:30	55.2	2	WSW	245				5
8/8/2024 7:00	55.7	2	WSW	245				5
8/8/2024 7:30	58.6	0	WSW	245	61	8/8/2024	7:40 AM	5
8/8/2024 8:00	61	0	WSW	245	62	8/8/2024	7:45 AM	5
8/8/2024 8:30	62.3	0	WSW	245				5
8/8/2024 9:00	67.8	3	WSW	258				5
8/8/2024 9:30	72	3	NW	307				5
8/8/2024 10:00	73.6	1	NNW	331				5
8/8/2024 10:30	76.1	3	WSW	240				5
8/8/2024 11:00	79	2	SW	227				5
8/8/2024 11:30	80.3	3	NW	310				5
8/8/2024 12:00	81.8	3	WNW	302				5
8/8/2024 12:30	82.4	1	NW	313				5
8/8/2024 13:00	83.7	4	S	182				5
8/8/2024 13:30	85.4	3	SW	229				5
8/8/2024 14:00	86.3	4	WSW	255				5
8/8/2024 14:30	87.9	4	NNE	17				5
8/8/2024 15:00	89.4	3	SW	223				5
8/8/2024 15:30	90.5	6	NW	311				5
8/8/2024 16:00	90.9	4	W	261				5
8/8/2024 16:30	91.6	2	NW	309				5
8/8/2024 17:00	91.8	7	SW	223				5
8/8/2024 17:30	90.1	4	SW	230				5
8/8/2024 18:00	87.3	6	SSW	198				5
8/8/2024 18:30	84.3	7	SSW	209				5
8/8/2024 19:00	81.6	7	S	183				5
8/8/2024 19:30	78.6	6	SSW	202				5
8/8/2024 20:00	75.5	7	SW	217				5
8/8/2024 20:30	72.3	6	SSW	207				5
8/8/2024 21:00	70.2	5	SSW	208				5
8/8/2024 21:30	68.7	4	SW	225				5

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
8/8/2024 22:00	66.9	3	SW	219				5
8/8/2024 22:30	65.5	4	SW	221				5
8/8/2024 23:00	64.7	0	SW	221				5
8/8/2024 23:30	63.1	2	SW	215				5
8/9/2024 0:00	61.9	1	SW	215				6
8/9/2024 0:30	61.6	2	SW	218				6
8/9/2024 1:00	60.2	0	SW	218				6
8/9/2024 1:30	60	1	SW	218				6
8/9/2024 2:00	59.5	2	SW	218				6
8/9/2024 2:30	58.1	0	SW	218				6
8/9/2024 3:00	56.9	0	SW	218				6
8/9/2024 3:30	57.9	2	SW	218				6
8/9/2024 4:00	56.4	0	SW	218				6
8/9/2024 4:30	55.4	0	SW	218				6
8/9/2024 5:00	54.7	0	SW	218				6
8/9/2024 5:30	54.2	0	SW	218				6
8/9/2024 6:00	53.4	0	SW	218				6
8/9/2024 6:30	53.1	0	SW	218				6
8/9/2024 7:00	53.7	0	SW	218				6
8/9/2024 7:30	54.8	0	SW	218				6
8/9/2024 8:00	56.5	0	SW	218				6
8/9/2024 8:30	58.5	0	SW	218				6
8/9/2024 9:00	62.5	0	SW	218				6
8/9/2024 9:30	66.8	1	SW	218				6
8/9/2024 10:00	69.1	1	NE	36				6
8/9/2024 10:30	70.9	2	N	360				6
8/9/2024 11:00	73.8	5	NNE	24				6
8/9/2024 11:30	76.8	7	N	10				6
8/9/2024 12:00	78.5	2	NE	43				6
8/9/2024 12:30	80.1	4	WSW	244				6
8/9/2024 13:00	80.9	7	WSW	257				6
8/9/2024 13:30	83.3	5	WSW	246				6
8/9/2024 14:00	84.8	0	NNE	31				6
8/9/2024 14:30	86.2	2	NNE	30				6
8/9/2024 15:00	86.5	2	WNW	304	63	8/9/2024	3:15 PM	6
8/9/2024 15:30	87.5	2	NE	35				6
8/9/2024 16:00	88.7	3	SW	227				6
8/9/2024 16:30	88.8	3	NW	326				6
8/9/2024 17:00	88.4	3	WSW	248				6
8/9/2024 17:30	86.1	7	S	184				6
8/9/2024 18:00	83.4	10	SW	224	64	8/9/2024	5:53 PM	6
8/9/2024 18:30	82	7	S	189				6
8/9/2024 19:00	80	4	SSW	210				6
8/9/2024 19:30	77.5	10	SSW	212				6
8/9/2024 20:00	74.4	5	S	182				6
8/9/2024 20:30	71.3	6	S	178				6
8/9/2024 21:00	68.8	5	SSW	207				6
8/9/2024 21:30	67.2	8	SSW	205				6
8/9/2024 22:00	65.9	2	SSW	200				6
8/9/2024 22:30	64.8	4	SSW	205				6
8/9/2024 23:00	63.8	2	SSW	200				6
8/9/2024 23:30	62.8	1	SSW	200				6
8/18/2024 0:00	59.1	3	S	188				1
8/18/2024 0:30	58.6	2	S	188				1
8/18/2024 1:00	57.9	0	S	188				1
8/18/2024 1:30	58.4	1	S	188				1
8/18/2024 2:00	58.5	1	S	188				1
8/18/2024 2:30	58.9	0	S	188				1
8/18/2024 3:00	58.9	0	S	188				1
8/18/2024 3:30	58.4	2	S	188				1
8/18/2024 4:00	58.1	0	S	188				1
8/18/2024 4:30	59	4	S	188				1
8/18/2024 5:00	58.5	0	S	188				1
8/18/2024 5:30	58	0	S	188				1
8/18/2024 6:00	58.4	0	S	188				1
8/18/2024 6:30	58.1	2	S	188				1
8/18/2024 7:00	56.4	0	S	188				1
8/18/2024 7:30	57.8	0	S	188	65	8/18/2024	7:30 AM	1
8/18/2024 8:00	58.9	0	S	188				1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
8/18/2024 8:30	59.2	0	S	188				1
8/18/2024 9:00	58.9	1	S	188				1
8/18/2024 9:30	59.6	2	S	179				1
8/18/2024 10:00	60.2	1	WSW	248				1
8/18/2024 10:30	61	2	WSW	246				1
8/18/2024 11:00	62.4	3	WSW	243				1
8/18/2024 11:30	63.8	3	SSW	192				1
8/18/2024 12:00	67.9	10	WSW	244				1
8/18/2024 12:30	70.1	7	SW	217				1
8/18/2024 13:00	71.2	6	SSW	213				1
8/18/2024 13:30	71.6	8	SSW	199				1
8/18/2024 14:00	73.2	6	WSW	239				1
8/18/2024 14:30	73.6	2	SSW	196				1
8/18/2024 15:00	73.8	5	SSW	206				1
8/18/2024 15:30	74.5	3	SW	223				1
8/18/2024 16:00	74.9	4	SW	229				1
8/18/2024 16:30	74.3	3	SSW	212				1
8/18/2024 17:00	75.5	5	SSW	207				1
8/18/2024 17:30	74.1	6	SSW	204				1
8/18/2024 18:00	74.1	5	WSW	244				1
8/18/2024 18:30	73.2	2	WSW	250				1
8/18/2024 19:00	72.5	3	WSW	252				1
8/18/2024 19:30	70.9	2	W	263				1
8/18/2024 20:00	68.2	1	WSW	244				1
8/18/2024 20:30	65.4	4	SSW	200				1
8/18/2024 21:00	63.2	3	SSW	200				1
8/18/2024 21:30	61.5	3	SSW	200				1
8/18/2024 22:00	60.2	3	SSW	200				1
8/18/2024 22:30	59.8	2	SSW	200				1
8/18/2024 23:00	59.6	0	SSW	200				1
8/18/2024 23:30	60	1	SSW	200				1
8/23/2024 0:00	58.4	0	SW	227				6
8/23/2024 0:30	57.3	0	SW	227				6
8/23/2024 1:00	57.5	1	SW	227				6
8/23/2024 1:30	57.3	0	S	184				6
8/23/2024 2:00	57.2	0	S	184				6
8/23/2024 2:30	56.6	2	S	184				6
8/23/2024 3:00	55.6	0	S	184				6
8/23/2024 3:30	54.2	0	S	184				6
8/23/2024 4:00	53	0	S	184				6
8/23/2024 4:30	52.4	0	S	184				6
8/23/2024 5:00	51.6	0	S	184				6
8/23/2024 5:30	51.2	0	S	184				6
8/23/2024 6:00	49.8	0	S	184				6
8/23/2024 6:30	50	3	S	191				6
8/23/2024 7:00	50.8	0	S	191				6
8/23/2024 7:30	51.3	0	S	191				6
8/23/2024 8:00	52.6	0	S	191				6
8/23/2024 8:30	55.3	2	NNE	30				6
8/23/2024 9:00	56.1	0	SSW	192				6
8/23/2024 9:30	58.4	5	S	174				6
8/23/2024 10:00	60.4	2	SSE	158				6
8/23/2024 10:30	61.3	2	WSW	255				6
8/23/2024 11:00	62	6	S	173				6
8/23/2024 11:30	64.5	4	SE	140				6
8/23/2024 12:00	64.7	3	SW	219				6
8/23/2024 12:30	64.1	11	SSW	213				6
8/23/2024 13:00	65.6	4	SW	221				6
8/23/2024 13:30	65.7	10	S	185				6
8/23/2024 14:00	61.7	3	S	185				6
8/23/2024 14:30	58.7	6	S	188				6
8/23/2024 15:00	60.1	5	SSW	209				6
8/23/2024 15:30	61.6	7	S	190				6
8/23/2024 16:00	65.9	9	SW	222				6
8/23/2024 16:30	66.3	7	SE	188				6
8/23/2024 17:00	63.3	5	SW	234				6
8/23/2024 17:30	60.5	3	WSW	244				6
8/23/2024 18:00	63.4	1	WSW	254				6
8/23/2024 18:30	62.6	1	NW	311	66	8/23/2024	6:30 PM	6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
8/23/2024 19:00	62.3	0	NW	313				6
8/23/2024 19:30	62.1	0	NW	313				6
8/23/2024 20:00	60.8	0	NW	315				6
8/23/2024 20:30	59.7	0	NW	315				6
8/23/2024 21:00	58.4	0	NW	315				6
8/23/2024 21:30	57.4	0	NW	315				6
8/23/2024 22:00	57.1	0	NW	315				6
8/23/2024 22:30	56.6	0	NW	315				6
8/23/2024 23:00	56.3	1	NW	315				6
8/23/2024 23:30	56.3	1	NW	315				6
11/26/2024 0:00	34.9	1	SSE	152				3
11/26/2024 0:30	35.1	0	SSE	148				3
11/26/2024 1:00	35.3	1	SSE	148				3
11/26/2024 1:30	36.2	1	SSE	148				3
11/26/2024 2:00	37	1	SSE	148				3
11/26/2024 2:30	35.9	1	SSE	148				3
11/26/2024 3:00	35.3	1	SSE	148				3
11/26/2024 3:30	36.8	0	SSE	148				3
11/26/2024 4:00	36.1	0	SSE	148				3
11/26/2024 4:30	37.7	0	SSE	148				3
11/26/2024 5:00	37.7	0	SSE	148				3
11/26/2024 5:30	38.6	3	SSE	147				3
11/26/2024 6:00	38.7	2	SE	146				3
11/26/2024 6:30	39.3	0	SE	146				3
11/26/2024 7:00	39.7	0	SE	146				3
11/26/2024 7:30	39.8	0	SE	146				3
11/26/2024 8:00	40.1	0	SE	146				3
11/26/2024 8:30	40.5	0	SE	146				3
11/26/2024 9:00	41.1	2	SE	146				3
11/26/2024 9:30	41.6	0	SE	146				3
11/26/2024 10:00	42.4	0	SE	146				3
11/26/2024 10:30	43	2	SE	146				3
11/26/2024 11:00	43.4	2	SE	146				3
11/26/2024 11:30	44.3	2	SE	143	67	11/26/2024	11:30 AM	3
11/26/2024 12:00	45	3	SE	138				3
11/26/2024 12:30	46.7	0	NNE	28				3
11/26/2024 13:00	46.9	5	SSE	169				3
11/26/2024 13:30	48.5	6	SSE	165				3
11/26/2024 14:00	48.8	7	SSE	165				3
11/26/2024 14:30	49	0	SSE	167				3
11/26/2024 15:00	50.1	0	SSE	169				3
11/26/2024 15:30	49.3	5	S	171				3
11/26/2024 16:00	48.3	0	S	171				3
11/26/2024 16:30	46.6	0	S	171				3
11/26/2024 17:00	45.4	0	S	171				3
11/26/2024 17:30	44.5	0	S	171				3
11/26/2024 18:00	44.4	0	S	171				3
11/26/2024 18:30	44.3	0	S	171				3
11/26/2024 19:00	43.8	0	S	171				3
11/26/2024 19:30	43.6	0	S	171				3
11/26/2024 20:00	43.5	0	S	171				3
11/26/2024 20:30	43.2	0	S	171				3
11/26/2024 21:00	43.7	0	S	171				3
11/26/2024 21:30	43.9	1	S	171				3
11/26/2024 22:00	43.6	0	S	171				3
11/26/2024 22:30	43.3	0	S	171				3
11/26/2024 23:00	43.3	2	S	171				3
11/26/2024 23:30	42.9	0	S	171				3
11/27/2024 0:00	42.9	0	S	171				4
11/27/2024 0:30	42.4	0	S	171				4
11/27/2024 1:00	41.7	0	S	171				4
11/27/2024 1:30	41.1	0	S	171				4
11/27/2024 2:00	40.9	0	S	171				4
11/27/2024 2:30	40.8	0	S	171				4
11/27/2024 3:00	41	1	S	171				4
11/27/2024 3:30	41.5	1	S	171				4
11/27/2024 4:00	41.2	0	S	171				4
11/27/2024 4:30	41.2	0	S	171				4
11/27/2024 5:00	41.4	0	S	171				4

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
11/27/2024 5:30	41.4	0	S	171				4
11/27/2024 6:00	41.4	0	S	171				4
11/27/2024 6:30	41.2	0	S	171				4
11/27/2024 7:00	41	1	S	171	68	11/27/2024	7:15 AM	4
11/27/2024 7:30	40.8	0	S	171				4
11/27/2024 8:00	41.1	1	S	173				4
11/27/2024 8:30	40.6	4	S	179				4
11/27/2024 9:00	40.3	0	S	180				4
11/27/2024 9:30	40.3	2	S	180				4
11/27/2024 10:00	40.3	1	S	181				4
11/27/2024 10:30	40.1	1	SSE	164				4
11/27/2024 11:00	41.3	0	SSE	164				4
11/27/2024 11:30	41.5	4	SSE	165				4
11/27/2024 12:00	41.7	1	SSE	168				4
11/27/2024 12:30	41.4	1	NNW	342				4
11/27/2024 13:00	41.4	1	NNW	331				4
11/27/2024 13:30	41.7	0	NNW	336				4
11/27/2024 14:00	41.8	0	NNW	333				4
11/27/2024 14:30	42	2	NNW	336				4
11/27/2024 15:00	42.4	1	NNE	34				4
11/27/2024 15:30	42.1	2	WSW	252				4
11/27/2024 16:00	41.7	2	WSW	252				4
11/27/2024 16:30	41.6	0	WSW	252				4
11/27/2024 17:00	41.1	0	WSW	252				4
11/27/2024 17:30	40.2	0	WSW	252				4
11/27/2024 18:00	39.3	0	WSW	252				4
11/27/2024 18:30	36.6	0	WSW	252				4
11/27/2024 19:00	35.5	1	WSW	252				4
11/27/2024 19:30	35	1	WSW	252				4
11/27/2024 20:00	34.8	1	WSW	252				4
11/27/2024 20:30	33.5	0	WSW	252				4
11/27/2024 21:00	34.1	0	WSW	252				4
11/27/2024 21:30	34.5	0	WSW	252				4
11/27/2024 22:00	34.3	1	WSW	252				4
11/27/2024 22:30	33.9	0	WSW	252				4
11/27/2024 23:00	33.4	0	WSW	252				4
11/27/2024 23:30	32.3	0	WSW	252				4
11/30/2024 0:00	37.7	3	NNE	26				7
11/30/2024 0:30	37.6	4	NE	36				7
11/30/2024 1:00	37.5	1	NNE	29				7
11/30/2024 1:30	37.5	5	NE	37				7
11/30/2024 2:00	37.6	4	NE	38				7
11/30/2024 2:30	37.4	3	NE	36				7
11/30/2024 3:00	37.4	4	NE	41				7
11/30/2024 3:30	37.4	5	NE	42				7
11/30/2024 4:00	37.4	3	NNE	32				7
11/30/2024 4:30	37.3	5	NNE	31				7
11/30/2024 5:00	37.2	2	NE	44				7
11/30/2024 5:30	37.1	0	NE	44				7
11/30/2024 6:00	37.1	3	NE	40				7
11/30/2024 6:30	37.1	1	NE	42				7
11/30/2024 7:00	37.1	0	NE	43				7
11/30/2024 7:30	37.1	2	N	355				7
11/30/2024 8:00	37.1	6	NE	38				7
11/30/2024 8:30	37.1	0	NNE	32				7
11/30/2024 9:00	37.2	2	NE	40				7
11/30/2024 9:30	37.1	2	NNE	23				7
11/30/2024 10:00	37.2	1	NNE	22	69	11/30/2024	10:00 AM	7
11/30/2024 10:30	37.5	4	NNE	19				7
11/30/2024 11:00	37.5	4	NE	48				7
11/30/2024 11:30	37.7	2	NE	37				7
11/30/2024 12:00	38	1	ENE	61	70	11/30/2024	12:00 PM	7
11/30/2024 12:30	38.3	0	NNW	336				7
11/30/2024 13:00	38.6	5	NNE	26				7
11/30/2024 13:30	38.7	1	WSW	258				7
11/30/2024 14:00	38.9	3	WSW	258				7
11/30/2024 14:30	39.5	2	SE	128				7
11/30/2024 15:00	39.8	2	WSW	255				7
11/30/2024 15:30	40.5	1	WSW	239				7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
11/30/2024 16:00	40.3	1	WSW	239				7
11/30/2024 16:30	38.5	0	WSW	239				7
11/30/2024 17:00	36	0	WSW	239				7
11/30/2024 17:30	33.7	0	WSW	239				7
11/30/2024 18:00	33.2	1	WSW	239				7
11/30/2024 18:30	32.2	0	WSW	239				7
11/30/2024 19:00	31.9	0	SSW	205				7
11/30/2024 19:30	31.1	0	SSW	205				7
11/30/2024 20:00	31.1	0	SSW	205				7
11/30/2024 20:30	30.9	0	SSW	205				7
11/30/2024 21:00	30.3	0	SSW	205				7
11/30/2024 21:30	31	0	SSW	205				7
11/30/2024 22:00	29	0	SSW	205				7
11/30/2024 22:30	29.8	0	SSW	205				7
11/30/2024 23:00	28.3	0	SSW	205				7
11/30/2024 23:30	27.8	0	SSW	205				7
12/1/2024 0:00	27.9	0	SSW	205				1
12/1/2024 0:30	27.5	0	SSW	205				1
12/1/2024 1:00	28.2	3	SSW	205				1
12/1/2024 1:30	28.4	3	SSW	205				1
12/1/2024 2:00	28.6	0	SSW	205				1
12/1/2024 2:30	28.7	0	SSW	205				1
12/1/2024 3:00	28.5	0	SSW	205				1
12/1/2024 3:30	28.4	0	SSW	205				1
12/1/2024 4:00	28.1	0	SSW	205				1
12/1/2024 4:30	28.1	0	SSW	205				1
12/1/2024 5:00	27.9	0	SSW	205				1
12/1/2024 5:30	27.9	0	SSW	205				1
12/1/2024 6:00	27.6	0	SSW	205				1
12/1/2024 6:30	27.2	0	SSW	205				1
12/1/2024 7:00	27.5	0	SSW	205				1
12/1/2024 7:30	27.6	0	SSW	205				1
12/1/2024 8:00	27.7	0	SSW	205				1
12/1/2024 8:30	28.2	0	SSW	205	71	12/1/2024	8:30 AM	1
12/1/2024 9:00	29.4	0	SSW	205				1
12/1/2024 9:30	30.3	0	SSW	205				1
12/1/2024 10:00	30.3	1	SSW	205	72 & 73	12/1/2024	10:00 AM	1
12/1/2024 10:30	31	0	SSW	205				1
12/1/2024 11:00	31.9	2	SSW	207				1
12/1/2024 11:30	32.7	0	SSW	209				1
12/1/2024 12:00	33.2	3	N	5	74	12/1/2024	11:52 AM	1
12/1/2024 12:30	34.6	3	N	5				1
12/1/2024 13:00	34.9	3	NNE	26				1
12/1/2024 13:30	35.6	3	NNE	24				1
12/1/2024 14:00	35.9	0	NNE	20				1
12/1/2024 14:30	36.1	3	NNE	21				1
12/1/2024 15:00	36.4	0	NNE	30				1
12/1/2024 15:30	35.8	0	NNE	30				1
12/1/2024 16:00	35.4	0	NNE	30				1
12/1/2024 16:30	34.2	0	NNE	30				1
12/1/2024 17:00	33.2	0	NNE	30				1
12/1/2024 17:30	32.7	0	NE	49				1
12/1/2024 18:00	32.6	0	NE	48				1
12/1/2024 18:30	32.6	0	NE	48				1
12/1/2024 19:00	32.6	0	NE	49				1
12/1/2024 19:30	31.9	0	NE	49				1
12/1/2024 20:00	31.9	0	NE	49				1
12/1/2024 20:30	32.2	0	NE	49				1
12/1/2024 21:00	31.3	0	NE	49				1
12/1/2024 21:30	31.1	0	NE	50				1
12/1/2024 22:00	31.1	0	NE	50				1
12/1/2024 22:30	31.3	0	NE	50				1
12/1/2024 23:00	31.3	0	NE	50				1
12/1/2024 23:30	31.3	0	NE	50				1
12/6/2024 0:00	30.1	0	SSE	161				6
12/6/2024 0:30	29.3	0	SSE	161				6
12/6/2024 1:00	30.7	1	NE	40				6
12/6/2024 1:30	30.6	0	NE	43				6
12/6/2024 2:00	31.1	0	NE	43				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/6/2024 2:30	30.3	0	NE	43				6
12/6/2024 3:00	29.8	0	NE	43				6
12/6/2024 3:30	28.7	0	NE	44				6
12/6/2024 4:00	28.5	3	S	184				6
12/6/2024 4:30	27.9	0	S	184				6
12/6/2024 5:00	29.1	3	NE	35				6
12/6/2024 5:30	29.1	0	NNE	34				6
12/6/2024 6:00	29.2	0	NNE	34				6
12/6/2024 6:30	28.9	0	NNE	34				6
12/6/2024 7:00	28.7	0	NNE	34				6
12/6/2024 7:30	28.3	2	NNE	34				6
12/6/2024 8:00	27.9	0	NE	35				6
12/6/2024 8:30	29.3	4	NNE	32				6
12/6/2024 9:00	29.7	1	NNE	32				6
12/6/2024 9:30	29.7	0	NNE	32	75	12/6/2024	9:45 AM	6
12/6/2024 10:00	30	0	NNE	33				6
12/6/2024 10:30	31.6	0	NNE	33				6
12/6/2024 11:00	34	2	NNE	33				6
12/6/2024 11:30	34.2	0	NNE	33				6
12/6/2024 12:00	35.7	3	NNE	33				6
12/6/2024 12:30	36.1	0	NNE	33				6
12/6/2024 13:00	37	2	NNE	33				6
12/6/2024 13:30	37.2	3	NNE	32				6
12/6/2024 14:00	38	1	NNE	32				6
12/6/2024 14:30	39.2	3	NNE	31				6
12/6/2024 15:00	38.5	0	NNE	31				6
12/6/2024 15:30	38.4	0	NNE	31				6
12/6/2024 16:00	37.5	1	NNE	31				6
12/6/2024 16:30	36.8	0	NNE	31				6
12/6/2024 17:00	36.4	0	NNE	31				6
12/6/2024 17:30	35.7	0	NNE	31				6
12/6/2024 18:00	34	0	NNE	31				6
12/6/2024 18:30	34.9	0	NNE	32				6
12/6/2024 19:00	35	0	NNE	32				6
12/6/2024 19:30	35.2	0	NNE	32				6
12/6/2024 20:00	34.6	0	NNE	32				6
12/6/2024 20:30	34.4	0	NNE	32				6
12/6/2024 21:00	34.2	0	NE	39				6
12/6/2024 21:30	33.1	0	NE	39				6
12/6/2024 22:00	33	3	NE	38				6
12/6/2024 22:30	33.5	0	N	5				6
12/6/2024 23:00	33.2	0	NNE	34				6
12/6/2024 23:30	33.2	0	NNE	15				6
12/14/2024 0:00	46.5	6	S	188				7
12/14/2024 0:30	46.4	5	S	188				7
12/14/2024 1:00	46.3	9	S	191				7
12/14/2024 1:30	46.4	2	NW	311				7
12/14/2024 2:00	46.1	9	S	176				7
12/14/2024 2:30	45.6	2	SSE	169				7
12/14/2024 3:00	45.7	2	SSW	202				7
12/14/2024 3:30	45.5	9	SW	236				7
12/14/2024 4:00	45.4	6	SW	220				7
12/14/2024 4:30	45.4	7	SW	233				7
12/14/2024 5:00	45.4	6	SW	225				7
12/14/2024 5:30	45.2	9	SSW	212				7
12/14/2024 6:00	45	8	SSW	192				7
12/14/2024 6:30	45.2	7	SE	126				7
12/14/2024 7:00	45.4	12	SSE	167				7
12/14/2024 7:30	45.1	9	SSE	152				7
12/14/2024 8:00	45	3	S	186				7
12/14/2024 8:30	45.1	4	S	188				7
12/14/2024 9:00	45.1	0	S	185				7
12/14/2024 9:30	45.5	8	S	175				7
12/14/2024 10:00	45.7	3	S	182				7
12/14/2024 10:30	45.8	0	SSW	193				7
12/14/2024 11:00	46	3	SSW	194				7
12/14/2024 11:30	46.3	3	SSW	198				7
12/14/2024 12:00	45.6	0	SSW	198				7
12/14/2024 12:30	46.5	0	SSW	198				7

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/14/2024 13:00	47.2	0	SSW	198				7
12/14/2024 13:30	47	3	SSW	198	76	12/14/2024	1:30 PM	7
12/14/2024 14:00	47.1	2	SSW	196				7
12/14/2024 14:30	48	4	SSW	196				7
12/14/2024 15:00	47.1	3	S	181				7
12/14/2024 15:30	47.2	2	SSW	200				7
12/14/2024 16:00	46.9	1	SSE	159				7
12/14/2024 16:30	44.9	0	SSE	159				7
12/14/2024 17:00	43.2	0	SSE	159				7
12/14/2024 17:30	42.7	0	SSE	159				7
12/14/2024 18:00	42.4	4	SSE	159				7
12/14/2024 18:30	41.4	5	SSE	159				7
12/14/2024 19:00	42.5	5	SSW	205				7
12/14/2024 19:30	42.3	4	SSW	205				7
12/14/2024 20:00	41.2	2	SSW	192				7
12/14/2024 20:30	41.4	5	SSW	200				7
12/14/2024 21:00	41.3	4	S	184				7
12/14/2024 21:30	41.2	2	S	184				7
12/14/2024 22:00	41	3	S	181				7
12/14/2024 22:30	41.4	3	S	178				7
12/14/2024 23:00	41	5	SSW	214				7
12/14/2024 23:30	40.7	3	SSW	201				7
12/20/2024 0:00	45.5	0	NE	43				6
12/20/2024 0:30	46.9	0	SE	129				6
12/20/2024 1:00	45.2	1	SE	129				6
12/20/2024 1:30	45.4	0	SE	131				6
12/20/2024 2:00	45.2	0	SE	131				6
12/20/2024 2:30	44.6	0	SE	131				6
12/20/2024 3:00	44.8	0	SE	131				6
12/20/2024 3:30	45.8	0	SE	131				6
12/20/2024 4:00	45.9	0	SE	131				6
12/20/2024 4:30	46.2	0	SE	131				6
12/20/2024 5:00	46	0	SE	131				6
12/20/2024 5:30	45.2	0	SE	131				6
12/20/2024 6:00	46.1	2	ESE	106				6
12/20/2024 6:30	45.7	0	ESE	106				6
12/20/2024 7:00	45.6	2	ESE	106				6
12/20/2024 7:30	45.4	0	ESE	106				6
12/20/2024 8:00	45	0	ESE	106				6
12/20/2024 8:30	44.9	0	ESE	106				6
12/20/2024 9:00	45.5	0	ESE	106				6
12/20/2024 9:30	46.3	0	ESE	102				6
12/20/2024 10:00	46.6	1	E	95				6
12/20/2024 10:30	47.1	0	E	87				6
12/20/2024 11:00	47.5	0	E	88				6
12/20/2024 11:30	47.7	0	E	88				6
12/20/2024 12:00	47	1	ENE	63				6
12/20/2024 12:30	47.4	2	NE	50				6
12/20/2024 13:00	48.5	0	NE	41				6
12/20/2024 13:30	48.9	4	W	269				6
12/20/2024 14:00	49	1	W	267				6
12/20/2024 14:30	49.7	0	W	267				6
12/20/2024 15:00	50.2	0	W	267	77	12/20/2024	3:00 PM	6
12/20/2024 15:30	49.8	1	W	271				6
12/20/2024 16:00	49.6	2	W	271				6
12/20/2024 16:30	49	0	W	271				6
12/20/2024 17:00	48.1	0	W	271				6
12/20/2024 17:30	47.6	2	W	269				6
12/20/2024 18:00	46	2	W	267				6
12/20/2024 18:30	43.8	2	W	267				6
12/20/2024 19:00	45.3	1	W	267				6
12/20/2024 19:30	45.7	0	W	267				6
12/20/2024 20:00	45.7	3	W	267				6
12/20/2024 20:30	46	2	SSE	163				6
12/20/2024 21:00	45.5	0	SSE	165				6
12/20/2024 21:30	46.2	0	SSE	165				6
12/20/2024 22:00	45	2	SE	132				6
12/20/2024 22:30	44.9	0	SE	132				6
12/20/2024 23:00	45	2	SE	132				6

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/20/2024 23:30	45	0	SE	132				6
12/23/2024 0:00	46.3	0	SSW	193				2
12/23/2024 0:30	44.8	2	SSW	193				2
12/23/2024 1:00	45.9	5	NE	39				2
12/23/2024 1:30	45.6	0	NE	41				2
12/23/2024 2:00	44	2	NE	41				2
12/23/2024 2:30	44	0	NE	43				2
12/23/2024 3:00	43	1	NE	43				2
12/23/2024 3:30	43.1	0	N	5				2
12/23/2024 4:00	42.4	0	NE	41				2
12/23/2024 4:30	42.9	0	NE	40				2
12/23/2024 5:00	41.3	0	NE	40				2
12/23/2024 5:30	41.1	0	NE	40				2
12/23/2024 6:00	39.3	0	NE	40				2
12/23/2024 6:30	38.3	0	NE	40				2
12/23/2024 7:00	38.5	0	NE	42				2
12/23/2024 7:30	36.6	0	NE	42				2
12/23/2024 8:00	36.3	0	NE	42				2
12/23/2024 8:30	36.9	0	NE	42				2
12/23/2024 9:00	38.1	0	NE	42				2
12/23/2024 9:30	40.1	0	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 10:00	41.4	0	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 10:30	42.2	0	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 11:00	43.2	2	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 11:30	43.6	0	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 12:00	44.3	4	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 12:30	44.8	0	NE	42	78	12/23/2024	9:30 AM - 12:30 PM	2
12/23/2024 13:00	45.1	0	NE	42				2
12/23/2024 13:30	45.1	0	NE	42				2
12/23/2024 14:00	44.9	0	NE	42	79	12/23/2024	2:00 PM	2
12/23/2024 14:30	44.5	1	NE	42				2
12/23/2024 15:00	44.5	0	S	184				2
12/23/2024 15:30	44.7	0	S	184				2
12/23/2024 16:00	44.6	5	SW	219				2
12/23/2024 16:30	44.5	1	SW	215				2
12/23/2024 17:00	44.5	0	SW	215				2
12/23/2024 17:30	44.7	1	NNE	25				2
12/23/2024 18:00	44.6	1	NNE	29				2
12/23/2024 18:30	44.7	0	W	269				2
12/23/2024 19:00	44.6	0	W	269				2
12/23/2024 19:30	44.8	0	SSE	161				2
12/23/2024 20:00	46	0	SSE	157				2
12/23/2024 20:30	46	0	SE	131				2
12/23/2024 21:00	45.8	0	E	94				2
12/23/2024 21:30	47.6	6	SSW	211				2
12/23/2024 22:00	48.8	5	WSW	238				2
12/23/2024 22:30	49.7	4	SW	215				2
12/23/2024 23:00	49	0	WSW	256				2
12/23/2024 23:30	48.7	0	SW	231				2
12/29/2024 0:00	44.9	2	W	274				1
12/29/2024 0:30	44.9	1	W	273				1
12/29/2024 1:00	44.8	0	W	273				1
12/29/2024 1:30	44.8	0	W	272				1
12/29/2024 2:00	44.7	2	W	271				1
12/29/2024 2:30	44.6	0	W	271				1
12/29/2024 3:00	44.5	1	W	271				1
12/29/2024 3:30	44.6	4	SSE	167				1
12/29/2024 4:00	44.6	0	SSE	167				1
12/29/2024 4:30	44.6	0	SSE	167				1
12/29/2024 5:00	44.8	2	S	184				1
12/29/2024 5:30	44.8	1	S	181				1
12/29/2024 6:00	44.9	6	S	163				1
12/29/2024 6:30	45	6	SSE	161				1
12/29/2024 7:00	45	0	SSE	161				1
12/29/2024 7:30	45	0	SSE	159				1
12/29/2024 8:00	45	0	SSE	159				1
12/29/2024 8:30	45.2	0	SSE	159				1
12/29/2024 9:00	45.5	0	SSE	159				1

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/29/2024 9:30	46.4	2	SSE	161	80 & 81	12/29/2024	9:29 AM	1
12/29/2024 10:00	46.5	1	SSE	161				1
12/29/2024 10:30	47.8	6	SSE	165				1
12/29/2024 11:00	47.7	7	SW	216				1
12/29/2024 11:30	48.1	14	WSW	241				1
12/29/2024 12:00	48.8	4	SSW	199				1
12/29/2024 12:30	49	7	S	185				1
12/29/2024 13:00	47.9	7	SW	234				1
12/29/2024 13:30	49	7	S	186				1
12/29/2024 14:00	50	9	SSW	200				1
12/29/2024 14:30	49.4	6	SSW	200				1
12/29/2024 15:00	48.9	4	SSW	207				1
12/29/2024 15:30	46.4	7	SSW	199				1
12/29/2024 16:00	44.8	2	S	182				1
12/29/2024 16:30	44.1	2	S	182	82	12/29/2024	4:45 PM	1
12/29/2024 17:00	44.1	2	S	182				1
12/29/2024 17:30	44.3	1	S	182				1
12/29/2024 18:00	44	2	S	182				1
12/29/2024 18:30	44.3	2	S	184	81	12/29/2024	6:30 PM	1
12/29/2024 19:00	44	7	SSE	165				1
12/29/2024 19:30	43.6	2	SSW	192				1
12/29/2024 20:00	43.8	5	S	178				1
12/29/2024 20:30	43.2	4	SSW	193				1
12/29/2024 21:00	43	4	SSW	193				1
12/29/2024 21:30	42.4	0	SSW	210				1
12/29/2024 22:00	42.4	0	S	188				1
12/29/2024 22:30	42.2	2	S	185				1
12/29/2024 23:00	41.7	4	E	95				1
12/29/2024 23:30	41.5	0	NE	36				1
12/31/2024 0:00	35.7	0	SSE	169				3
12/31/2024 0:30	35.9	0	SSE	169				3
12/31/2024 1:00	37.2	0	SSE	169				3
12/31/2024 1:30	36	1	NE	51				3
12/31/2024 2:00	35.3	0	NE	51				3
12/31/2024 2:30	36.4	2	NE	51				3
12/31/2024 3:00	36.6	0	NE	51				3
12/31/2024 3:30	36.9	0	NE	51				3
12/31/2024 4:00	37	0	NE	51				3
12/31/2024 4:30	37.2	0	NE	51				3
12/31/2024 5:00	37.5	0	NE	51				3
12/31/2024 5:30	37.6	0	NE	51				3
12/31/2024 6:00	37.8	2	NE	51				3
12/31/2024 6:30	37.8	0	NE	51				3
12/31/2024 7:00	37.9	0	NE	51				3
12/31/2024 7:30	37.7	0	NE	51				3
12/31/2024 8:00	37.5	0	NE	51				3
12/31/2024 8:30	37.2	0	SE	139				3
12/31/2024 9:00	36.8	0	SE	142				3
12/31/2024 9:30	37.1	0	SE	142				3
12/31/2024 10:00	37.2	0	SE	142				3
12/31/2024 10:30	37.3	2	SSE	161				3
12/31/2024 11:00	36.7	2	S	175				3
12/31/2024 11:30	36.4	2	S	175				3
12/31/2024 12:00	36.4	5	S	173				3
12/31/2024 12:30	36.7	5	ENE	62				3
12/31/2024 13:00	37.4	0	S	174				3
12/31/2024 13:30	38.3	3	S	174				3
12/31/2024 14:00	38.5	0	S	174				3
12/31/2024 14:30	38.7	1	S	175				3
12/31/2024 15:00	38.7	2	S	175				3
12/31/2024 15:30	38.3	2	S	175	83	12/31/2024	3:45 PM	3
12/31/2024 16:00	37.9	3	S	174				3
12/31/2024 16:30	37.7	1	NE	42				3
12/31/2024 17:00	37.7	3	NNE	19				3
12/31/2024 17:30	37.7	0	NNE	25				3
12/31/2024 18:00	38	0	NNE	32				3
12/31/2024 18:30	38.1	2	NNE	32				3
12/31/2024 19:00	38.4	0	NE	35				3
12/31/2024 19:30	39.4	4	S	171				3

Coffin Butte Landfill On-site Meteorological Data for Recent Odor Complaints (2022 to 2024)

Time Stamp	Temperature (F)	Wind Speed (mph)	Wind Direction	Wind Direction (deg)	Odor Event ID	Odor Event Date	Odor Event Time	Odor Event Day of Week
12/31/2024 20:00	40.3	8	SSW	207				3
12/31/2024 20:30	40.7	6	S	190				3
12/31/2024 21:00	40.8	12	SW	235				3
12/31/2024 21:30	41	4	S	181				3
12/31/2024 22:00	40.8	6	S	188				3
12/31/2024 22:30	40.6	4	SW	215				3
12/31/2024 23:00	40.4	3	SW	227				3
12/31/2024 23:30	40.4	0	SSW	211				3
1/1/2025 0:00	40.4	1	SW	234	84	1/1/2025	12:00 AM	4
1/1/2025 0:30	40.4	2	SW	232				
1/1/2025 1:00	40.1	0	SW	232				
1/1/2025 1:30	39.6	0	SW	232				
1/1/2025 2:00	39.7	0	SW	232				
1/1/2025 2:30	39.7	0	SW	232				
1/1/2025 3:00	39.8	0	SW	232				
1/1/2025 3:30	40.1	0	SW	232				
1/1/2025 4:00	40.2	0	SW	232				
1/1/2025 4:30	40.4	0	SW	232				
1/1/2025 5:00	40.4	0	SW	232				
1/1/2025 5:30	40.5	0	SW	232				
1/1/2025 6:00	39.9	0	SW	232				
1/1/2025 6:30	40.2	0	SW	232				
1/1/2025 7:00	39.8	0	SW	232				
1/1/2025 7:30	39.1	0	SW	232				
1/1/2025 8:00	39	0	SW	232				
1/1/2025 8:30	40.2	0	SW	232				
1/1/2025 9:00	41	0	SW	232				
1/1/2025 9:30	41.7	0	SW	232				
1/1/2025 10:00	42.4	0	SW	232				
1/1/2025 10:30	43	0	SW	232				
1/1/2025 11:00	43.2	0	SW	232				
1/1/2025 11:30	43.4	2	SW	231				
1/1/2025 12:00	43.7	0	SW	232				
1/1/2025 12:30	44.1	0	SW	232				
1/1/2025 13:00	44.3	0	SW	232				
1/1/2025 13:30	44.4	2	SW	232				
1/1/2025 14:00	44.5	0	SW	232				
1/1/2025 14:30	44.5	2	SW	235				
1/1/2025 15:00	44.5	0	SW	236				
1/1/2025 15:30	44.8	1	NE	48				
1/1/2025 16:00	44.7	0	NE	47				
1/1/2025 16:30	44.5	1	NE	45				
1/1/2025 17:00	44.3	0	NE	45				
1/1/2025 17:30	44.3	3	NE	45				
1/1/2025 18:00	44.3	0	NE	44				
1/1/2025 18:30	44.2	0	NE	44				
1/1/2025 19:00	44.2	1	NE	43				
1/1/2025 19:30	44	0	NE	43				
1/1/2025 20:00	43.8	0	NE	43				
1/1/2025 20:30	43.8	0	NE	43				
1/1/2025 21:00	43.7	0	NE	43				
1/1/2025 21:30	43.6	0	NE	43				
1/1/2025 22:00	43.6	0	NE	43				
1/1/2025 22:30	43.6	0	NE	43				
1/1/2025 23:00	43.7	0	NE	43				
1/1/2025 23:30	43.6	0	NE	43				

Appendix B

Odor Pollutant Screening

Odor Pollutant Screening Based on 2023 Emission Inventory

CAS No.	Pollutant	2023 Emissions (lb/yr)	2023 Emissions (g/s)	Odor Threshold (g/m3)	Odor Emission Rate (m3/s)	Odor Emission Rate Percent (%)
71-55-6	1,1,1-Trichloroethane (methyl chloroform)	9.866E+01	1.419E-03	5.293E-03	2.681E-01	0.0%
79-34-5	1,1,2,2-Tetrachloroethane	2.871E+02	4.129E-03	1.600E-03	2.581E+00	0.0%
75-34-3	1,1-Dichloroethane (ethylidene dichloride)	3.583E+02	5.154E-03	4.857E-01	1.061E-02	0.0%
78-87-5	1,2-Dichloropropane (propylene dichloride)	3.134E+01	4.507E-04	1.155E-03	3.901E-01	0.0%
106-99-0	1,3-Butadiene	3.630E-01	1.374E-05	2.190E-04	6.275E-02	0.0%
78-93-3	2-Butanone (methyl ethyl ketone)	7.877E+02	1.133E-02	2.064E-04	5.489E+01	0.4%
83-32-9	Acenaphthene	1.318E-02	4.991E-07	0.000E+00	0.000E+00	0.0%
208-96-8	Acenaphthylene	4.698E-02	1.778E-06	0.000E+00	0.000E+00	0.0%
75-07-0	Acetaldehyde	7.122E+00	2.696E-04	2.703E-06	9.973E+01	0.7%
67-64-1	Acetone	6.273E+02	9.023E-03	9.502E-04	9.496E+00	0.1%
107-02-8	Acrolein	8.589E-01	3.251E-05	6.191E-06	5.252E+00	0.0%
107-13-1	Acrylonitrile	5.175E+02	7.443E-03	3.472E-03	2.144E+00	0.0%
120-12-7	Anthracene	1.736E-02	6.573E-07	0.000E+00	0.000E+00	0.0%
56-55-3	Benz[a]anthracene	1.560E-02	5.905E-07	0.000E+00	0.000E+00	0.0%
71-43-2	Benzene	2.385E+02	3.634E-03	1.502E-03	2.420E+00	0.0%
50-32-8	Benzo[a]pyrene	1.746E-03	6.608E-08	0.000E+00	0.000E+00	0.0%
205-99-2	Benzo[b]fluoranthene	9.201E-04	3.483E-08	0.000E+00	0.000E+00	0.0%
191-24-2	Benzo[g,h,i]perylene	4.540E-03	1.719E-07	0.000E+00	0.000E+00	0.0%
75-27-4	Bromodichloromethane	7.901E+02	1.136E-02	0.000E+00	0.000E+00	0.0%
106-97-8	Butane	4.274E+02	6.147E-03	1.001E-03	6.143E+00	0.0%
124-38-9	Carbon dioxide	3.040E+07	4.373E+02	7.020E+01	6.229E+00	0.0%
75-15-0	Carbon disulfide	6.803E+01	9.786E-04	4.983E-05	1.964E+01	0.1%
630-08-0	Carbon monoxide	1.135E+05	1.841E+00	0.000E+00	0.000E+00	0.0%
56-23-5	Carbon tetrachloride	9.481E-01	1.364E-05	1.057E-02	1.290E-03	0.0%
463-58-1	Carbonyl sulfide	4.535E+01	6.523E-04	1.401E-04	4.657E+00	0.0%
108-90-7	Chlorobenzene	4.336E+01	6.236E-04	4.005E-04	1.557E+00	0.0%
75-45-6	Chlorodifluoromethane (Freon 22)	1.732E+02	2.491E-03	7.080E+02	3.519E-06	0.0%
75-00-3	Chloroethane (ethyl chloride)	1.243E+02	1.787E-03	1.003E-02	1.782E-01	0.0%
67-66-3	Chloroform	5.519E+00	7.938E-05	4.980E-04	1.594E-01	0.0%
74-87-3	Chloromethane (methyl chloride)	9.413E+01	1.354E-03	2.065E-02	6.556E-02	0.0%
218-01-9	Chrysene	3.278E-03	1.241E-07	0.000E+00	0.000E+00	0.0%
53-70-3	Dibenz[a,h]anthracene	5.413E-03	2.049E-07	0.000E+00	0.000E+00	0.0%
75-71-8	Dichlorodifluoromethane (Freon 12)	2.925E+03	4.207E-02	9.880E+02	4.258E-05	0.0%
75-43-4	Dichlorofluoromethane (Freon 21)	4.155E+02	5.976E-03	0.000E+00	0.000E+00	0.0%
75-09-2	Dichloromethane (methylene chloride)	1.871E+03	2.692E-02	4.168E-03	6.458E+00	0.0%
75-18-3	Dimethyl sulfide (methyl sulfide)	7.127E+02	1.025E-02	2.541E-06	4.034E+03	28.4%
74-84-0	Ethane	3.936E+04	5.661E-01	0.000E+00	0.000E+00	0.0%
64-17-5	Ethanol	1.830E+03	2.632E-02	1.696E-04	1.552E+02	1.1%
100-41-4	Ethyl benzene	7.540E+02	1.085E-02	8.684E-06	1.249E+03	8.8%
75-08-1	Ethyl mercaptan (ethanethiol)	2.102E+02	3.023E-03	2.541E-06	1.189E+03	8.4%
106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	2.895E-01	4.164E-06	7.683E-02	5.419E-05	0.0%
107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	6.251E+01	8.992E-04	1.740E-02	5.166E-02	0.0%
206-44-0	Fluoranthene	7.066E-02	2.675E-06	0.000E+00	0.000E+00	0.0%
86-73-7	Fluorene	2.711E-01	1.026E-05	0.000E+00	0.000E+00	0.0%
50-00-0	Formaldehyde	1.096E+01	4.147E-04	3.316E-05	1.251E+01	0.1%
110-54-3	Hexane	8.724E+02	1.255E-02	5.287E-03	2.374E+00	0.0%
7783-06-4	Hydrogen sulfide	1.864E+03	2.681E-02	6.551E-06	4.093E+03	28.8%
193-39-5	Indeno[1,2,3-cd]pyrene	3.482E-03	1.318E-07	0.000E+00	0.000E+00	0.0%
67-63-0	Isopropyl alcohol	4.640E+03	6.674E-02	2.458E-03	2.715E+01	0.2%
7439-97-6	Mercury and compounds	9.025E-02	1.298E-06	0.000E+00	0.000E+00	0.0%
74-82-8	Methane	1.251E+07	1.799E+02	0.000E+00	0.000E+00	0.0%
108-10-1	Methyl isobutyl ketone (MIBK, hexone)	2.886E+02	4.151E-03	1.229E-04	3.378E+01	0.2%
74-93-1	Methyl mercaptan	1.769E+02	2.544E-03	4.132E-06	6.157E+02	4.3%
91-20-3	Naphthalene	7.874E-01	2.981E-05	6.816E-06	4.373E+00	0.0%
N/A	NMOC	8.602E+04	1.316E+00	0.000E+00	0.000E+00	0.0%
10102-44-0	NOx (as NO2)	6.138E+04	1.848E+00	1.882E-03	9.821E+02	6.9%
106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	4.756E+01	6.841E-04	7.276E-04	9.403E-01	0.0%
109-66-0	Pentane	3.502E+02	5.037E-03	3.807E-03	1.323E+00	0.0%
85-01-8	Phenanthrene	2.730E-01	1.033E-05	0.000E+00	0.000E+00	0.0%
N/A	PM	3.908E+04	6.306E-01	0.000E+00	0.000E+00	0.0%
N/A	PM10	1.656E+04	3.067E-01	0.000E+00	0.000E+00	0.0%
74-98-6	Propane	7.133E+02	1.026E-02	2.700E+00	3.800E-03	0.0%
7446-09-5	Sulfur dioxide	9.380E+03	1.988E-01	8.646E-04	2.299E+02	1.6%
127-18-4	Tetrachloroethene (perchloroethylene)	9.530E+02	1.371E-02	5.202E-03	2.635E+00	0.0%
108-88-3	Toluene	5.582E+03	8.038E-02	9.799E-05	8.203E+02	5.8%
N/A	Total landfill gas	4.291E+07	6.172E+02	0.000E+00	0.000E+00	0.0%
156-60-5	trans-1,2-Dichloroethene	4.242E+02	6.101E-03	1.098E+00	5.555E-03	0.0%
79-01-6	Trichloroethene (TCE, trichloroethylene)	5.709E+02	8.212E-03	2.687E-03	3.056E+00	0.0%
75-69-4	Trichlorofluoromethane (Freon 11)	1.609E+02	2.314E-03	2.809E-02	8.237E-02	0.0%
75-01-4	Vinyl chloride	7.068E+02	1.017E-02	5.189E-01	1.959E-02	0.0%

Odor Pollutant Screening Based on 2023 Emission Inventory

CAS No.	Pollutant	2023 Emissions (lb/yr)	2023 Emissions (g/s)	Odor Threshold (g/m3)	Odor Emission Rate (m3/s)	Odor Emission Rate Percent (%)
75-35-4	Vinylidene chloride	2.155E+01	3.100E-04	1.983E-01	1.564E-03	0.0%
N/A	VOC	3.698E+04	6.103E-01	0.000E+00	0.000E+00	0.0%
1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	1.982E+03	2.857E-02	5.210E-05	5.483E+02	3.9%
Total:					1.423E+04	100.0%

Appendix C

Scenario #1 Emission Rates

2023 Emission Inventory

2023 Data	Source Name	CAS No.	Pollutant Name	Emissions (lb/yr)	Hours (hr/yr)	Emissions (g/s)
ATEI	F-LFG1	71-55-6	1,1,1-Trichloroethane (methyl chloroform)	3.483E+00	8760	5.009E-05
ATEI	F-LFG2	71-55-6	1,1,1-Trichloroethane (methyl chloroform)	9.320E+01	8760	1.340E-03
ATEI	OPEN FLARE-1	71-55-6	1,1,1-Trichloroethane (methyl chloroform)	9.464E-01	8760	1.361E-05
ATEI	OPEN FLARE-2	71-55-6	1,1,1-Trichloroethane (methyl chloroform)	1.039E+00	8760	1.495E-05
ATEI	F-LFG1	79-34-5	1,1,2,2-Tetrachloroethane	1.013E+01	8760	1.457E-04
ATEI	F-LFG2	79-34-5	1,1,2,2-Tetrachloroethane	2.712E+02	8760	3.900E-03
ATEI	OPEN FLARE-1	79-34-5	1,1,2,2-Tetrachloroethane	2.753E+00	8760	3.960E-05
ATEI	OPEN FLARE-2	79-34-5	1,1,2,2-Tetrachloroethane	3.024E+00	8760	4.350E-05
ATEI	F-LFG1	75-34-3	1,1-Dichloroethane (ethylidene dichloride)	1.265E+01	8760	1.819E-04
ATEI	F-LFG2	75-34-3	1,1-Dichloroethane (ethylidene dichloride)	3.385E+02	8760	4.869E-03
ATEI	OPEN FLARE-1	75-34-3	1,1-Dichloroethane (ethylidene dichloride)	3.437E+00	8760	4.944E-05
ATEI	OPEN FLARE-2	75-34-3	1,1-Dichloroethane (ethylidene dichloride)	3.775E+00	8760	5.430E-05
ATEI	F-LFG1	78-87-5	1,2-Dichloropropane (propylene dichloride)	1.106E+00	8760	1.591E-05
ATEI	F-LFG2	78-87-5	1,2-Dichloropropane (propylene dichloride)	2.960E+01	8760	4.257E-04
ATEI	OPEN FLARE-1	78-87-5	1,2-Dichloropropane (propylene dichloride)	3.006E-01	8760	4.323E-06
ATEI	OPEN FLARE-2	78-87-5	1,2-Dichloropropane (propylene dichloride)	3.301E-01	8760	4.748E-06
ATEI	TIP-2	106-99-0	1,3-Butadiene	2.046E-01	3322	7.759E-06
ATEI	TIP-3	106-99-0	1,3-Butadiene	1.585E-01	3337	5.983E-06
ATEI	F-LFG1	78-93-3	2-Butanone (methyl ethyl ketone)	2.780E+01	8760	3.999E-04
ATEI	F-LFG2	78-93-3	2-Butanone (methyl ethyl ketone)	7.441E+02	8760	1.070E-02
ATEI	OPEN FLARE-1	78-93-3	2-Butanone (methyl ethyl ketone)	7.556E+00	8760	1.087E-04
ATEI	OPEN FLARE-2	78-93-3	2-Butanone (methyl ethyl ketone)	8.299E+00	8760	1.194E-04
ATEI	TIP-2	83-32-9	Acenaphthene	7.430E-03	3322	2.818E-07
ATEI	TIP-3	83-32-9	Acenaphthene	5.755E-03	3337	2.173E-07
ATEI	TIP-2	208-96-8	Acenaphthylene	2.647E-02	3322	1.004E-06
ATEI	TIP-3	208-96-8	Acenaphthylene	2.051E-02	3337	7.743E-07
ATEI	TIP-2	75-07-0	Acetaldehyde	4.013E+00	3322	1.522E-04
ATEI	TIP-3	75-07-0	Acetaldehyde	3.108E+00	3337	1.174E-04
ATEI	F-LFG1	67-64-1	Acetone	2.214E+01	8760	3.185E-04
ATEI	F-LFG2	67-64-1	Acetone	5.925E+02	8760	8.523E-03
ATEI	OPEN FLARE-1	67-64-1	Acetone	6.017E+00	8760	8.654E-05
ATEI	OPEN FLARE-2	67-64-1	Acetone	6.609E+00	8760	9.506E-05
ATEI	TIP-2	107-02-8	Acrolein	4.840E-01	3322	1.836E-05
ATEI	TIP-3	107-02-8	Acrolein	3.749E-01	3337	1.415E-05
ATEI	F-LFG1	107-13-1	Acrylonitrile	1.827E+01	8760	2.627E-04
ATEI	F-LFG2	107-13-1	Acrylonitrile	4.888E+02	8760	7.031E-03
ATEI	OPEN FLARE-1	107-13-1	Acrylonitrile	4.964E+00	8760	7.139E-05
ATEI	OPEN FLARE-2	107-13-1	Acrylonitrile	5.452E+00	8760	7.842E-05
ATEI	TIP-2	120-12-7	Anthracene	9.784E-03	3322	3.711E-07
ATEI	TIP-3	120-12-7	Anthracene	7.579E-03	3337	2.862E-07
ATEI	TIP-2	56-55-3	Benz[a]anthracene	8.790E-03	3322	3.334E-07
ATEI	TIP-3	56-55-3	Benz[a]anthracene	6.809E-03	3337	2.571E-07
ATEI	F-LFG1	71-43-2	Benzene	8.114E+00	8760	1.167E-04
ATEI	F-LFG2	71-43-2	Benzene	2.171E+02	8760	3.123E-03
ATEI	OPEN FLARE-1	71-43-2	Benzene	2.205E+00	8760	3.171E-05
ATEI	OPEN FLARE-2	71-43-2	Benzene	2.422E+00	8760	3.483E-05
ATEI	TIP-2	71-43-2	Benzene	4.882E+00	3322	1.852E-04
ATEI	TIP-3	71-43-2	Benzene	3.781E+00	3337	1.428E-04
ATEI	TIP-2	50-32-8	Benzo[a]pyrene	9.836E-04	3322	3.731E-08
ATEI	TIP-3	50-32-8	Benzo[a]pyrene	7.619E-04	3337	2.877E-08
ATEI	TIP-2	205-99-2	Benzo[b]fluoranthene	5.185E-04	3322	1.967E-08
ATEI	TIP-3	205-99-2	Benzo[b]fluoranthene	4.016E-04	3337	1.516E-08
ATEI	TIP-2	191-24-2	Benzo[g,h,i]perylene	2.559E-03	3322	9.704E-08
ATEI	TIP-3	191-24-2	Benzo[g,h,i]perylene	1.982E-03	3337	7.483E-08
ATEI	F-LFG1	75-27-4	Bromodichloromethane	2.789E+01	8760	4.011E-04
ATEI	F-LFG2	75-27-4	Bromodichloromethane	7.463E+02	8760	1.073E-02
ATEI	OPEN FLARE-1	75-27-4	Bromodichloromethane	7.578E+00	8760	1.090E-04
ATEI	OPEN FLARE-2	75-27-4	Bromodichloromethane	8.324E+00	8760	1.197E-04
LandGem	F-LFG (FUG)	106-97-8	Butane	4.032E+02	8760	5.799E-03
LandGem	OPEN FLARE-1	106-97-8	Butane	1.210E+01	8760	1.740E-04
LandGem	OPEN FLARE-2	106-97-8	Butane	1.210E+01	8760	1.740E-04
LandGem	F-LFG (FUG)	124-38-9	Carbon dioxide	2.868E+07	8760	4.125E+02
LandGem	OPEN FLARE-1	124-38-9	Carbon dioxide	8.604E+05	8760	1.238E+01
LandGem	OPEN FLARE-2	124-38-9	Carbon dioxide	8.604E+05	8760	1.238E+01
ATEI	F-LFG1	75-15-0	Carbon disulfide	2.401E+00	8760	3.454E-05
ATEI	F-LFG2	75-15-0	Carbon disulfide	6.426E+01	8760	9.243E-04
ATEI	OPEN FLARE-1	75-15-0	Carbon disulfide	6.525E-01	8760	9.386E-06
ATEI	OPEN FLARE-2	75-15-0	Carbon disulfide	7.167E-01	8760	1.031E-05
Annual TV	AIA	630-08-0	Carbon monoxide	2.000E+03	8760	2.877E-02
Annual TV	F-LFG1	630-08-0	Carbon monoxide	2.200E+02	8760	3.164E-03
Annual TV	F-LFG2	630-08-0	Carbon monoxide	5.880E+03	8760	8.458E-02

2023 Emission Inventory

2023 Data	Source Name	CAS No.	Pollutant Name	Emissions (lb/yr)	Hours (hr/yr)	Emissions (g/s)
Annual TV	OPEN FLARE-1	630-08-0	Carbon monoxide	3.184E+04	8760	4.580E-01
Annual TV	OPEN FLARE-2	630-08-0	Carbon monoxide	6.472E+04	8760	9.309E-01
Annual TV	TIP-2	630-08-0	Carbon monoxide	5.000E+03	3322	1.896E-01
Annual TV	TIP-3	630-08-0	Carbon monoxide	3.860E+03	3337	1.457E-01
ATEI	F-LFG1	56-23-5	Carbon tetrachloride	3.347E-02	8760	4.814E-07
ATEI	F-LFG2	56-23-5	Carbon tetrachloride	8.956E-01	8760	1.288E-05
ATEI	OPEN FLARE-1	56-23-5	Carbon tetrachloride	9.094E-03	8760	1.308E-07
ATEI	OPEN FLARE-2	56-23-5	Carbon tetrachloride	9.989E-03	8760	1.437E-07
ATEI	F-LFG1	463-58-1	Carbonyl sulfide	1.601E+00	8760	2.302E-05
ATEI	F-LFG2	463-58-1	Carbonyl sulfide	4.284E+01	8760	6.162E-04
ATEI	OPEN FLARE-1	463-58-1	Carbonyl sulfide	4.350E-01	8760	6.257E-06
ATEI	OPEN FLARE-2	463-58-1	Carbonyl sulfide	4.778E-01	8760	6.872E-06
ATEI	F-LFG1	108-90-7	Chlorobenzene	1.530E+00	8760	2.201E-05
ATEI	F-LFG2	108-90-7	Chlorobenzene	4.095E+01	8760	5.891E-04
ATEI	OPEN FLARE-1	108-90-7	Chlorobenzene	4.159E-01	8760	5.982E-06
ATEI	OPEN FLARE-2	108-90-7	Chlorobenzene	4.568E-01	8760	6.570E-06
ATEI	F-LFG1	75-45-6	Chlorodifluoromethane (Freon 22)	6.113E+00	8760	8.793E-05
ATEI	F-LFG2	75-45-6	Chlorodifluoromethane (Freon 22)	1.636E+02	8760	2.353E-03
ATEI	OPEN FLARE-1	75-45-6	Chlorodifluoromethane (Freon 22)	1.661E+00	8760	2.389E-05
ATEI	OPEN FLARE-2	75-45-6	Chlorodifluoromethane (Freon 22)	1.825E+00	8760	2.625E-05
ATEI	F-LFG1	75-00-3	Chloroethane (ethyl chloride)	4.386E+00	8760	6.309E-05
ATEI	F-LFG2	75-00-3	Chloroethane (ethyl chloride)	1.174E+02	8760	1.688E-03
ATEI	OPEN FLARE-1	75-00-3	Chloroethane (ethyl chloride)	1.192E+00	8760	1.714E-05
ATEI	OPEN FLARE-2	75-00-3	Chloroethane (ethyl chloride)	1.309E+00	8760	1.883E-05
ATEI	F-LFG1	67-66-3	Chloroform	1.948E-01	8760	2.802E-06
ATEI	F-LFG2	67-66-3	Chloroform	5.213E+00	8760	7.498E-05
ATEI	OPEN FLARE-1	67-66-3	Chloroform	5.293E-02	8760	7.613E-07
ATEI	OPEN FLARE-2	67-66-3	Chloroform	5.814E-02	8760	8.362E-07
ATEI	F-LFG1	74-87-3	Chloromethane (methyl chloride)	3.322E+00	8760	4.779E-05
ATEI	F-LFG2	74-87-3	Chloromethane (methyl chloride)	8.891E+01	8760	1.279E-03
ATEI	OPEN FLARE-1	74-87-3	Chloromethane (methyl chloride)	9.029E-01	8760	1.299E-05
ATEI	OPEN FLARE-2	74-87-3	Chloromethane (methyl chloride)	9.917E-01	8760	1.426E-05
ATEI	TIP-2	218-01-9	Chrysene	1.847E-03	3322	7.005E-08
ATEI	TIP-3	218-01-9	Chrysene	1.431E-03	3337	5.402E-08
ATEI	TIP-2	53-70-3	Dibenz[a,h]anthracene	3.050E-03	3322	1.157E-07
ATEI	TIP-3	53-70-3	Dibenz[a,h]anthracene	2.363E-03	3337	8.921E-08
ATEI	F-LFG1	75-71-8	Dichlorodifluoromethane (Freon 12)	1.032E+02	8760	1.485E-03
ATEI	F-LFG2	75-71-8	Dichlorodifluoromethane (Freon 12)	2.763E+03	8760	3.974E-02
ATEI	OPEN FLARE-1	75-71-8	Dichlorodifluoromethane (Freon 12)	2.805E+01	8760	4.035E-04
ATEI	OPEN FLARE-2	75-71-8	Dichlorodifluoromethane (Freon 12)	3.081E+01	8760	4.432E-04
ATEI	F-LFG1	75-43-4	Dichlorofluoromethane (Freon 21)	1.466E+01	8760	2.109E-04
ATEI	F-LFG2	75-43-4	Dichlorofluoromethane (Freon 21)	3.924E+02	8760	5.645E-03
ATEI	OPEN FLARE-1	75-43-4	Dichlorofluoromethane (Freon 21)	3.985E+00	8760	5.732E-05
ATEI	OPEN FLARE-2	75-43-4	Dichlorofluoromethane (Freon 21)	4.377E+00	8760	6.296E-05
ATEI	F-LFG1	75-09-2	Dichloromethane (methylene chloride)	6.606E+01	8760	9.501E-04
ATEI	F-LFG2	75-09-2	Dichloromethane (methylene chloride)	1.768E+03	8760	2.543E-02
ATEI	OPEN FLARE-1	75-09-2	Dichloromethane (methylene chloride)	1.795E+01	8760	2.582E-04
ATEI	OPEN FLARE-2	75-09-2	Dichloromethane (methylene chloride)	1.972E+01	8760	2.836E-04
LandGem	F-LFG (FUG)	75-18-3	Dimethyl sulfide (methyl sulfide)	6.724E+02	8760	9.671E-03
LandGem	OPEN FLARE-1	75-18-3	Dimethyl sulfide (methyl sulfide)	2.017E+01	8760	2.901E-04
LandGem	OPEN FLARE-2	75-18-3	Dimethyl sulfide (methyl sulfide)	2.017E+01	8760	2.901E-04
LandGem	F-LFG (FUG)	74-84-0	Ethane	3.713E+04	8760	5.341E-01
LandGem	OPEN FLARE-1	74-84-0	Ethane	1.114E+03	8760	1.602E-02
LandGem	OPEN FLARE-2	74-84-0	Ethane	1.114E+03	8760	1.602E-02
LandGem	F-LFG (FUG)	64-17-5	Ethanol	1.726E+03	8760	2.483E-02
LandGem	OPEN FLARE-1	64-17-5	Ethanol	5.179E+01	8760	7.449E-04
LandGem	OPEN FLARE-2	64-17-5	Ethanol	5.179E+01	8760	7.449E-04
ATEI	F-LFG1	100-41-4	Ethyl benzene	2.662E+01	8760	3.828E-04
ATEI	F-LFG2	100-41-4	Ethyl benzene	7.122E+02	8760	1.024E-02
ATEI	OPEN FLARE-1	100-41-4	Ethyl benzene	7.233E+00	8760	1.040E-04
ATEI	OPEN FLARE-2	100-41-4	Ethyl benzene	7.944E+00	8760	1.143E-04
LandGem	F-LFG (FUG)	75-08-1	Ethyl mercaptan (ethanethiol)	1.983E+02	8760	2.852E-03
LandGem	OPEN FLARE-1	75-08-1	Ethyl mercaptan (ethanethiol)	5.948E+00	8760	8.555E-05
LandGem	OPEN FLARE-2	75-08-1	Ethyl mercaptan (ethanethiol)	5.948E+00	8760	8.555E-05
ATEI	F-LFG1	106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	1.022E-02	8760	1.470E-07
ATEI	F-LFG2	106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	2.734E-01	8760	3.933E-06
ATEI	OPEN FLARE-1	106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	2.777E-03	8760	3.994E-08
ATEI	OPEN FLARE-2	106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	3.050E-03	8760	4.387E-08
ATEI	F-LFG1	107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	2.207E+00	8760	3.174E-05
ATEI	F-LFG2	107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	5.905E+01	8760	8.493E-04
ATEI	OPEN FLARE-1	107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	5.996E-01	8760	8.625E-06

2023 Emission Inventory

2023 Data	Source Name	CAS No.	Pollutant Name	Emissions (lb/yr)	Hours (hr/yr)	Emissions (g/s)
ATEI	OPEN FLARE-2	107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	6.586E-01	8760	9.473E-06
ATEI	TIP-2	206-44-0	Fluoranthene	3.982E-02	3322	1.510E-06
ATEI	TIP-3	206-44-0	Fluoranthene	3.084E-02	3337	1.165E-06
ATEI	TIP-2	86-73-7	Fluorene	1.528E-01	3322	5.795E-06
ATEI	TIP-3	86-73-7	Fluorene	1.183E-01	3337	4.468E-06
ATEI	TIP-2	50-00-0	Formaldehyde	6.174E+00	3322	2.342E-04
ATEI	TIP-3	50-00-0	Formaldehyde	4.782E+00	3337	1.806E-04
ATEI	F-LFG1	110-54-3	Hexane	3.079E+01	8760	4.429E-04
ATEI	F-LFG2	110-54-3	Hexane	8.240E+02	8760	1.185E-02
ATEI	OPEN FLARE-1	110-54-3	Hexane	8.368E+00	8760	1.204E-04
ATEI	OPEN FLARE-2	110-54-3	Hexane	9.191E+00	8760	1.322E-04
ATEI	F-LFG1	7783-06-4	Hydrogen sulfide	6.580E+01	8760	9.464E-04
ATEI	F-LFG2	7783-06-4	Hydrogen sulfide	1.761E+03	8760	2.533E-02
ATEI	OPEN FLARE-1	7783-06-4	Hydrogen sulfide	1.788E+01	8760	2.572E-04
ATEI	OPEN FLARE-2	7783-06-4	Hydrogen sulfide	1.964E+01	8760	2.825E-04
ATEI	TIP-2	193-39-5	Indeno[1,2,3-cd]pyrene	1.962E-03	3322	7.442E-08
ATEI	TIP-3	193-39-5	Indeno[1,2,3-cd]pyrene	1.520E-03	3337	5.739E-08
ATEI	F-LFG1	67-63-0	Isopropyl alcohol	1.638E+02	8760	2.356E-03
ATEI	F-LFG2	67-63-0	Isopropyl alcohol	4.383E+03	8760	6.304E-02
ATEI	OPEN FLARE-1	67-63-0	Isopropyl alcohol	4.451E+01	8760	6.401E-04
ATEI	OPEN FLARE-2	67-63-0	Isopropyl alcohol	4.888E+01	8760	7.031E-04
ATEI	F-LFG1	7439-97-6	Mercury and compounds	3.186E-03	8760	4.582E-08
ATEI	F-LFG2	7439-97-6	Mercury and compounds	8.525E-02	8760	1.226E-06
ATEI	OPEN FLARE-1	7439-97-6	Mercury and compounds	8.657E-04	8760	1.245E-08
ATEI	OPEN FLARE-2	7439-97-6	Mercury and compounds	9.508E-04	8760	1.368E-08
LandGem	F-LFG (FUG)	74-82-8	Methane	1.180E+07	8760	1.697E+02
LandGem	OPEN FLARE-1	74-82-8	Methane	3.540E+05	8760	5.092E+00
LandGem	OPEN FLARE-2	74-82-8	Methane	3.540E+05	8760	5.092E+00
ATEI	F-LFG1	108-10-1	Methyl isobutyl ketone (MIBK, hexone)	1.019E+01	8760	1.465E-04
ATEI	F-LFG2	108-10-1	Methyl isobutyl ketone (MIBK, hexone)	2.726E+02	8760	3.921E-03
ATEI	OPEN FLARE-1	108-10-1	Methyl isobutyl ketone (MIBK, hexone)	2.768E+00	8760	3.981E-05
ATEI	OPEN FLARE-2	108-10-1	Methyl isobutyl ketone (MIBK, hexone)	3.040E+00	8760	4.373E-05
LandGem	F-LFG (FUG)	74-93-1	Methyl mercaptan	1.669E+02	8760	2.400E-03
LandGem	OPEN FLARE-1	74-93-1	Methyl mercaptan	5.006E+00	8760	7.201E-05
LandGem	OPEN FLARE-2	74-93-1	Methyl mercaptan	5.006E+00	8760	7.201E-05
ATEI	TIP-2	91-20-3	Naphthalene	4.437E-01	3322	1.683E-05
ATEI	TIP-3	91-20-3	Naphthalene	3.437E-01	3337	1.298E-05
Annual TV	AIA	N/A	NMOC	2.000E+03	8760	2.877E-02
Annual TV	F-LFG1	N/A	NMOC	2.840E+03	8760	4.085E-02
Annual TV	F-LFG2	N/A	NMOC	7.596E+04	8760	1.093E+00
Annual TV	OPEN FLARE-1	N/A	NMOC	7.800E+02	8760	1.122E-02
Annual TV	OPEN FLARE-2	N/A	NMOC	8.600E+02	8760	1.237E-02
Annual TV	PCS	N/A	NMOC	2.400E+02	8760	3.452E-03
Annual TV	TIP-2	N/A	NMOC	1.880E+03	3322	7.131E-02
Annual TV	TIP-3	N/A	NMOC	1.460E+03	3337	5.513E-02
Annual TV	AIA	10102-44-0	NOx (as NO2)	2.000E+03	8760	2.877E-02
Annual TV	OPEN FLARE-1	10102-44-0	NOx (as NO2)	6.360E+03	8760	9.148E-02
Annual TV	OPEN FLARE-2	10102-44-0	NOx (as NO2)	1.190E+04	8760	1.712E-01
Annual TV	TIP-2	10102-44-0	NOx (as NO2)	2.318E+04	3322	8.792E-01
Annual TV	TIP-3	10102-44-0	NOx (as NO2)	1.794E+04	3337	6.774E-01
ATEI	F-LFG1	106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	1.679E+00	8760	2.415E-05
ATEI	F-LFG2	106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	4.493E+01	8760	6.462E-04
ATEI	OPEN FLARE-1	106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	4.562E-01	8760	6.562E-06
ATEI	OPEN FLARE-2	106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	5.011E-01	8760	7.207E-06
LandGem	F-LFG (FUG)	109-66-0	Pentane	3.303E+02	8760	4.751E-03
LandGem	OPEN FLARE-1	109-66-0	Pentane	9.910E+00	8760	1.425E-04
LandGem	OPEN FLARE-2	109-66-0	Pentane	9.910E+00	8760	1.425E-04
ATEI	TIP-2	85-01-8	Phenanthrene	1.538E-01	3322	5.834E-06
ATEI	TIP-3	85-01-8	Phenanthrene	1.192E-01	3337	4.499E-06
Annual TV	AIA	N/A	PM	2.000E+03	8760	2.877E-02
Annual TV	OPEN FLARE-1	N/A	PM	2.700E+03	8760	3.884E-02
Annual TV	OPEN FLARE-2	N/A	PM	2.980E+03	8760	4.286E-02
Annual TV	PIR	N/A	PM	1.768E+04	8760	2.543E-01
Annual TV	TIP-2	N/A	PM	1.640E+03	3322	6.220E-02
Annual TV	TIP-3	N/A	PM	1.280E+03	3337	4.833E-02
Annual TV	UPR-1	N/A	PM	1.260E+03	8760	1.812E-02
Annual TV	UPR-2	N/A	PM	9.540E+03	8760	1.372E-01
Annual TV	AIA	N/A	PM10	2.000E+03	8760	2.877E-02
Annual TV	OPEN FLARE-1	N/A	PM10	2.700E+03	8760	3.884E-02
Annual TV	OPEN FLARE-2	N/A	PM10	2.980E+03	8760	4.286E-02
Annual TV	PIR	N/A	PM10	3.420E+03	8760	4.919E-02

2023 Emission Inventory

2023 Data	Source Name	CAS No.	Pollutant Name	Emissions (lb/yr)	Hours (hr/yr)	Emissions (g/s)
Annual TV	TIP-2	N/A	PM10	1.640E+03	3322	6.220E-02
Annual TV	TIP-3	N/A	PM10	1.280E+03	3337	4.833E-02
Annual TV	UPR-1	N/A	PM10	5.000E+02	8760	7.192E-03
Annual TV	UPR-2	N/A	PM10	2.040E+03	8760	2.934E-02
LandGem	F-LFG (FUG)	74-98-6	Propane	6.729E+02	8760	9.679E-03
LandGem	OPEN FLARE-1	74-98-6	Propane	2.019E+01	8760	2.904E-04
LandGem	OPEN FLARE-2	74-98-6	Propane	2.019E+01	8760	2.904E-04
Annual TV	AIA	7446-09-5	Sulfur dioxide	2.000E+03	8760	2.877E-02
Annual TV	OPEN FLARE-1	7446-09-5	Sulfur dioxide	2.220E+03	8760	3.193E-02
Annual TV	OPEN FLARE-2	7446-09-5	Sulfur dioxide	2.440E+03	8760	3.510E-02
Annual TV	TIP-2	7446-09-5	Sulfur dioxide	1.540E+03	3322	5.841E-02
Annual TV	TIP-3	7446-09-5	Sulfur dioxide	1.180E+03	3337	4.455E-02
ATEI	F-LFG1	127-18-4	Tetrachloroethene (perchloroethylene)	3.364E+01	8760	4.839E-04
ATEI	F-LFG2	127-18-4	Tetrachloroethene (perchloroethylene)	9.002E+02	8760	1.295E-02
ATEI	OPEN FLARE-1	127-18-4	Tetrachloroethene (perchloroethylene)	9.141E+00	8760	1.315E-04
ATEI	OPEN FLARE-2	127-18-4	Tetrachloroethene (perchloroethylene)	1.004E+01	8760	1.444E-04
ATEI	F-LFG1	108-88-3	Toluene	1.969E+02	8760	2.832E-03
ATEI	F-LFG2	108-88-3	Toluene	5.269E+03	8760	7.579E-02
ATEI	OPEN FLARE-1	108-88-3	Toluene	5.351E+01	8760	7.696E-04
ATEI	OPEN FLARE-2	108-88-3	Toluene	5.877E+01	8760	8.453E-04
ATEI	TIP-2	108-88-3	Toluene	2.140E+00	3322	8.117E-05
ATEI	TIP-3	108-88-3	Toluene	1.658E+00	3337	6.259E-05
LandGem	F-LFG (FUG)	N/A	Total landfill gas	4.048E+07	8760	5.823E+02
LandGem	OPEN FLARE-1	N/A	Total landfill gas	1.214E+06	8760	1.747E+01
LandGem	OPEN FLARE-2	N/A	Total landfill gas	1.214E+06	8760	1.747E+01
ATEI	F-LFG1	156-60-5	trans-1,2-Dichloroethene	1.497E+01	8760	2.154E-04
ATEI	F-LFG2	156-60-5	trans-1,2-Dichloroethene	4.007E+02	8760	5.763E-03
ATEI	OPEN FLARE-1	156-60-5	trans-1,2-Dichloroethene	4.069E+00	8760	5.852E-05
ATEI	OPEN FLARE-2	156-60-5	trans-1,2-Dichloroethene	4.469E+00	8760	6.428E-05
ATEI	F-LFG1	79-01-6	Trichloroethene (TCE, trichloroethylene)	2.015E+01	8760	2.899E-04
ATEI	F-LFG2	79-01-6	Trichloroethene (TCE, trichloroethylene)	5.393E+02	8760	7.757E-03
ATEI	OPEN FLARE-1	79-01-6	Trichloroethene (TCE, trichloroethylene)	5.476E+00	8760	7.877E-05
ATEI	OPEN FLARE-2	79-01-6	Trichloroethene (TCE, trichloroethylene)	6.015E+00	8760	8.651E-05
ATEI	F-LFG1	75-69-4	Trichlorofluoromethane (Freon 11)	5.678E+00	8760	8.167E-05
ATEI	F-LFG2	75-69-4	Trichlorofluoromethane (Freon 11)	1.520E+02	8760	2.186E-03
ATEI	OPEN FLARE-1	75-69-4	Trichlorofluoromethane (Freon 11)	1.543E+00	8760	2.219E-05
ATEI	OPEN FLARE-2	75-69-4	Trichlorofluoromethane (Freon 11)	1.695E+00	8760	2.438E-05
ATEI	F-LFG1	75-01-4	Vinyl chloride	2.495E+01	8760	3.589E-04
ATEI	F-LFG2	75-01-4	Vinyl chloride	6.676E+02	8760	9.603E-03
ATEI	OPEN FLARE-1	75-01-4	Vinyl chloride	6.780E+00	8760	9.751E-05
ATEI	OPEN FLARE-2	75-01-4	Vinyl chloride	7.446E+00	8760	1.071E-04
ATEI	F-LFG1	75-35-4	Vinylidene chloride	7.607E-01	8760	1.094E-05
ATEI	F-LFG2	75-35-4	Vinylidene chloride	2.036E+01	8760	2.928E-04
ATEI	OPEN FLARE-1	75-35-4	Vinylidene chloride	2.067E-01	8760	2.973E-06
ATEI	OPEN FLARE-2	75-35-4	Vinylidene chloride	2.271E-01	8760	3.266E-06
Annual TV	AIA	N/A	VOC	2.000E+03	8760	2.877E-02
Annual TV	F-LFG1	N/A	VOC	1.100E+03	8760	1.582E-02
Annual TV	F-LFG2	N/A	VOC	2.960E+04	8760	4.258E-01
Annual TV	OPEN FLARE-1	N/A	VOC	3.400E+02	8760	4.890E-03
Annual TV	OPEN FLARE-2	N/A	VOC	3.600E+02	8760	5.178E-03
Annual TV	PCS	N/A	VOC	2.400E+02	8760	3.452E-03
Annual TV	TIP-2	N/A	VOC	1.880E+03	3322	7.131E-02
Annual TV	TIP-3	N/A	VOC	1.460E+03	3337	5.513E-02
ATEI	F-LFG1	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	6.986E+01	8760	1.005E-03
ATEI	F-LFG2	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	1.869E+03	8760	2.689E-02
ATEI	OPEN FLARE-1	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	1.898E+01	8760	2.730E-04
ATEI	OPEN FLARE-2	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	2.085E+01	8760	2.999E-04
ATEI	TIP-2	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	1.491E+00	3322	5.656E-05
ATEI	TIP-3	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	1.155E+00	3337	4.361E-05

Pollutants Added from 2023 LandGem Inventory

Pollutant	2023 LandGem Gas Generated (tons/yr)	2023 LandGem Gas Generated (lb/yr)	2023 LandGem Fugitives (lb/yr) *	2023 LandGem Open Flare 1 (lb/yr) **	2023 LandGem Open Flare 2 (lb/yr) **
Total landfill gas	8.10E+04	1.62E+08	4.05E+07	1.21E+06	1.21E+06
Methane	2.36E+04	4.72E+07	1.18E+07	3.54E+05	3.54E+05
Carbon dioxide	5.74E+04	1.15E+08	2.87E+07	8.60E+05	8.60E+05
Butane - VOC	8.06E-01	1.61E+03	4.03E+02	1.21E+01	1.21E+01
Dimethyl sulfide (methyl sulfide) - VOC	1.34E+00	2.69E+03	6.72E+02	2.02E+01	2.02E+01
Ethane	7.43E+01	1.49E+05	3.71E+04	1.11E+03	1.11E+03
Ethanol - VOC	3.45E+00	6.90E+03	1.73E+03	5.18E+01	5.18E+01
Ethyl mercaptan (ethanethiol) - VOC	3.97E-01	7.93E+02	1.98E+02	5.95E+00	5.95E+00
Methyl mercaptan - VOC	3.34E-01	6.67E+02	1.67E+02	5.01E+00	5.01E+00
Pentane - VOC	6.61E-01	1.32E+03	3.30E+02	9.91E+00	9.91E+00
Propane - VOC	1.35E+00	2.69E+03	6.73E+02	2.02E+01	2.02E+01

Notes:

* Fugitive emissions assumed 75% gas collection and 25% fugitive loss.

** Flare emissions assumed 98% destruction of the 75% gas collection, then a 50% / 50% split for Open Flare 1 and Open Flare 2.

Appendix D

Scenario #2 Emission Rates

2052 Emission Inventory

2052 Data	Source Name	CAS No.	Pollutant Name	Emission Factor Reference	Emissions (lb/yr)	Hours (hr/yr)	Emissions (g/s)
LandGEM	FUG	75-18-3	Dimethyl sulfide (methyl sulfide)	LandGEM	1,153.66	8760	1.66E-02
LandGEM	FUG_EXP	75-18-3	Dimethyl sulfide (methyl sulfide)	LandGEM	271.94	8760	3.91E-03
LandGEM	EFLARE-1	75-18-3	Dimethyl sulfide (methyl sulfide)	LandGEM	85.54	8760	1.23E-03
LandGEM	FUG	100-41-4	Ethyl benzene	AP-42	1,145.09	8760	1.65E-02
LandGEM	FUG_EXP	100-41-4	Ethyl benzene	AP-42	269.92	8760	3.88E-03
LandGEM	EFLARE-1	100-41-4	Ethyl benzene	AP-42	84.90	8760	1.22E-03
LandGEM	FUG	75-08-1	Ethyl mercaptan (ethanethiol)	LandGEM	340.18	8760	4.89E-03
LandGEM	FUG_EXP	75-08-1	Ethyl mercaptan (ethanethiol)	LandGEM	80.19	8760	1.15E-03
LandGEM	EFLARE-1	75-08-1	Ethyl mercaptan (ethanethiol)	LandGEM	25.22	8760	3.63E-04
LandGEM	FUG	7783-06-4	Hydrogen sulfide	AP-42	2,830.78	8760	4.07E-02
LandGEM	FUG_EXP	7783-06-4	Hydrogen sulfide	AP-42	667.27	8760	9.60E-03
LandGEM	EFLARE-1	7783-06-4	Hydrogen sulfide	AP-42	209.88	8760	3.02E-03
LandGEM	FUG	74-93-1	Methyl mercaptan	LandGEM	286.32	8760	4.12E-03
LandGEM	FUG_EXP	74-93-1	Methyl mercaptan	LandGEM	67.49	8760	9.71E-04
LandGEM	EFLARE-1	74-93-1	Methyl mercaptan	LandGEM	21.23	8760	3.05E-04
LandGEM	AIA	10102-44-0	NOx (as NO2)	Title V Permit	2,000.00	8760	2.88E-02
LandGEM	TIP-2	10102-44-0	NOx (as NO2)	Title V Permit	23,180.00	3322	8.79E-01
LandGEM	TIP-3	10102-44-0	NOx (as NO2)	Title V Permit	17,940.00	3337	6.77E-01
LandGEM	EFLARE-1	10102-44-0	NOx (as NO2)	Title V Permit	92,958.10	8760	1.34E+00
LandGEM	FUG	108-88-3	Toluene	AP-42	8,471.72	8760	1.22E-01
LandGEM	FUG_EXP	108-88-3	Toluene	AP-42	1,996.96	8760	2.87E-02
LandGEM	EFLARE-1	108-88-3	Toluene	AP-42	628.12	8760	9.03E-03
LandGEM	TIP-2	108-88-3	Toluene	AP-42 3.3-2	2.14	3322	8.12E-05
LandGEM	TIP-3	108-88-3	Toluene	AP-42 3.3-2	1.66	3337	6.26E-05
LandGEM	FUG	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	AP-42	3,005.55	8760	4.32E-02
LandGEM	FUG_EXP	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	AP-42	708.47	8760	1.02E-02
LandGEM	EFLARE-1	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	AP-42	222.84	8760	3.21E-03
LandGEM	TIP-2	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	AP-42 3.3-2	1.49	3322	5.66E-05
LandGEM	TIP-3	1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	AP-42 3.3-2	1.16	3337	4.36E-05

Pollutants Added from 2052 LandGem Inventory

Pollutant	2052 LandGem Gas Generated (tons/yr)	2052 LandGem Gas Generated (lb/yr)	2052 LandGEM Fugitives (lb/yr) *	2052 LandGEM FUG (lb/yr) **	2052 LandGEM FUG_EXP (lb/yr) **	2052 LandGem Enclosed Flare (lb/yr) ***
Total landfill gas	1.71E+05	3.43E+08	8.57E+07	6.93E+07	1.63E+07	5.14E+06
Methane	4.99E+04	9.99E+07	2.50E+07	2.02E+07	4.76E+06	7.49E+05
Carbon dioxide	1.21E+05	2.43E+08	6.07E+07	4.91E+07	1.16E+07	1.82E+06
Butane - VOC	1.71E+00	3.41E+03	8.53E+02	6.90E+02	1.63E+02	2.56E+01
Dimethyl sulfide (methyl sulfide) - VOC	2.85E+00	5.69E+03	1.42E+03	1.15E+03	2.71E+02	4.27E+01
Ethane	1.57E+02	3.14E+05	7.86E+04	6.36E+04	1.50E+04	2.36E+03
Ethanol - VOC	7.30E+00	1.46E+04	3.65E+03	2.96E+03	6.97E+02	1.10E+02
Ethyl mercaptan (ethanethiol) - VOC	8.39E-01	1.68E+03	4.19E+02	3.39E+02	8.00E+01	1.26E+01
Methyl mercaptan - VOC	7.06E-01	1.41E+03	3.53E+02	2.86E+02	6.74E+01	1.06E+01
Pentane - VOC	1.40E+00	2.80E+03	6.99E+02	5.66E+02	1.33E+02	2.10E+01
Propane - VOC	2.85E+00	5.69E+03	1.42E+03	1.15E+03	2.72E+02	4.27E+01

Notes:

* Fugitive emissions assumed 75% gas collection and 25% fugitive loss.

** Fugitive emissions split 81% to FUG and 19% to FUG_EXP sources based on area size

*** Flare emissions assumed 98% destruction of the 75% gas collection

Appendix E

Odor Thresholds

Odor Thresholds

CAS No.	Pollutant	Molecular Weight (g/mole)	Odor Threshold Reference	Odor Threshold (ppm)	Odor Threshold (ug/m3)	Odor Threshold (mg/m3)	Odor Threshold (g/m3)
71-55-6	1,1,1-Trichloroethane (methyl chloroform)	133.42	AIHA	0.97	5.293E+03	5.293E+00	5.293E-03
79-34-5	1,1,2,2-Tetrachloroethane	167.85	AIHA	0.233	1.600E+03	1.600E+00	1.600E-03
75-34-3	1,1-Dichloroethane (ethylidene dichloride)	98.97	EPA HAPs	120	4.857E+05	4.857E+02	4.857E-01
95-50-1	1,2-Dichlorobenzene	147.00	AIHA	0.02	1.202E+02	1.202E-01	1.202E-04
78-87-5	1,2-Dichloropropane (propylene dichloride)	112.99	EPA HAPs	0.25	1.155E+03	1.155E+00	1.155E-03
106-99-0	1,3-Butadiene	54.09	AIHA	0.099	2.190E+02	2.190E-01	2.190E-04
78-93-3	2-Butanone (methyl ethyl ketone)	72.10	AIHA	0.07	2.064E+02	2.064E-01	2.064E-04
83-32-9	Acenaphthene	154.21	N/A	0	0.000E+00	0.000E+00	0.000E+00
208-96-8	Acenaphthylene	152.19	N/A	0	0.000E+00	0.000E+00	0.000E+00
75-07-0	Acetaldehyde	44.06	AIHA	0.0015	2.703E+00	2.703E-03	2.703E-06
67-64-1	Acetone	58.08	AIHA	0.4	9.502E+02	9.502E-01	9.502E-04
107-02-8	Acrolein	56.06	AIHA	0.0027	6.191E+00	6.191E-03	6.191E-06
107-13-1	Acrylonitrile	53.06	AIHA	1.6	3.472E+03	3.472E+00	3.472E-03
120-12-7	Anthracene	178.23	N/A	0	0.000E+00	0.000E+00	0.000E+00
56-55-3	Benz[a]anthracene	228.29	N/A	0	0.000E+00	0.000E+00	0.000E+00
71-43-2	Benzene	78.11	AIHA	0.47	1.502E+03	1.502E+00	1.502E-03
50-32-8	Benzo[a]pyrene	252.31	N/A	0	0.000E+00	0.000E+00	0.000E+00
205-99-2	Benzo[b]fluoranthene	252.31	N/A	0	0.000E+00	0.000E+00	0.000E+00
191-24-2	Benzo[g,h,i]perylene	276.33	N/A	0	0.000E+00	0.000E+00	0.000E+00
75-27-4	Bromodichloromethane	163.83	N/A	0	0.000E+00	0.000E+00	0.000E+00
106-97-8	Butane	58.12	AIHA	0.421	1.001E+03	1.001E+00	1.001E-03
124-38-9	Carbon dioxide	44.01	AIHA	39000	7.020E+07	7.020E+04	7.020E+01
75-15-0	Carbon disulfide	76.14	AIHA	0.016	4.983E+01	4.983E-02	4.983E-05
630-08-0	Carbon monoxide	28.01	N/A	0	0.000E+00	0.000E+00	0.000E+00
56-23-5	Carbon tetrachloride	153.80	AIHA	1.68	1.057E+04	1.057E+01	1.057E-02
463-58-1	Carbonyl sulfide	60.08	AIHA	0.057	1.401E+02	1.401E-01	1.401E-04
108-90-7	Chlorobenzene	112.56	AIHA	0.087	4.005E+02	4.005E-01	4.005E-04
75-45-6	Chlorodifluoromethane (Freon 22)	86.47	AIHA	200192	7.080E+08	7.080E+05	7.080E+02
75-00-3	Chloroethane (ethyl chloride)	64.52	AIHA	3.8	1.003E+04	1.003E+01	1.003E-02
67-66-3	Chloroform	119.38	AIHA	0.102	4.980E+02	4.980E-01	4.980E-04
74-87-3	Chloromethane (methyl chloride)	50.49	AIHA	10	2.065E+04	2.065E+01	2.065E-02
218-01-9	Chrysene	228.29	N/A	0	0.000E+00	0.000E+00	0.000E+00
53-70-3	Dibenz[a,h]anthracene	278.35	N/A	0	0.000E+00	0.000E+00	0.000E+00
75-71-8	Dichlorodifluoromethane (Freon 12)	120.91	AIHA	199790	9.880E+08	9.880E+05	9.880E+02
75-43-4	Dichlorofluoromethane (Freon 21)	102.92	N/A	0	0.000E+00	0.000E+00	0.000E+00
75-09-2	Dichloromethane (methylene chloride)	84.93	AIHA	1.2	4.168E+03	4.168E+00	4.168E-03
75-18-3	Dimethyl sulfide (methyl sulfide)	62.14	CAMEO	0.001	2.541E+00	2.541E-03	2.541E-06
74-84-0	Ethane	30.07	N/A	0	0.000E+00	0.000E+00	0.000E+00
64-17-5	Ethanol	46.07	AIHA	0.09	1.696E+02	1.696E-01	1.696E-04
100-41-4	Ethyl benzene	106.16	AIHA	0.002	8.684E+00	8.684E-03	8.684E-06
75-08-1	Ethyl mercaptan (ethanethiol)	62.13	CAMEO	0.001	2.541E+00	2.541E-03	2.541E-06
106-93-4	Ethylene dibromide (EDB, 1,2-dibromoethane)	187.86	AIHA	10	7.683E+04	7.683E+01	7.683E-02
107-06-2	Ethylene dichloride (EDC, 1,2-dichloroethane)	98.96	AIHA	4.3	1.740E+04	1.740E+01	1.740E-02
206-44-0	Fluoranthene	202.25	N/A	0	0.000E+00	0.000E+00	0.000E+00
86-73-7	Fluorene	166.22	N/A	0	0.000E+00	0.000E+00	0.000E+00
50-00-0	Formaldehyde	30.03	AIHA	0.027	3.316E+01	3.316E-02	3.316E-05
110-54-3	Hexane	86.17	AIHA	1.5	5.287E+03	5.287E+00	5.287E-03
7783-06-4	Hydrogen sulfide	34.08	CAMEO	0.0047	6.551E+00	6.551E-03	6.551E-06
193-39-5	Indeno[1,2,3-cd]pyrene	276.33	N/A	0	0.000E+00	0.000E+00	0.000E+00
67-63-0	Isopropyl alcohol	60.11	AIHA	1	2.458E+03	2.458E+00	2.458E-03
7439-97-6	Mercury and compounds	200.59	N/A	0	0.000E+00	0.000E+00	0.000E+00
74-82-8	Methane	16.04	N/A	0	0.000E+00	0.000E+00	0.000E+00
108-10-1	Methyl isobutyl ketone (MIBK, hexone)	100.16	AIHA	0.03	1.229E+02	1.229E-01	1.229E-04
74-93-1	Methyl mercaptan	48.11	CAMEO	0.0021	4.132E+00	4.132E-03	4.132E-06
91-20-3	Naphthalene	128.19	AIHA	0.0013	6.816E+00	6.816E-03	6.816E-06
N/A	NMOC	N/A	N/A	0	0.000E+00	0.000E+00	0.000E+00
10102-44-0	NOx (as NO2)	46.01	CAMEO	1	1.882E+03	1.882E+00	1.882E-03
106-46-7	p-Dichlorobenzene (1,4-dichlorobenzene)	147.02	AIHA	0.121	7.276E+02	7.276E-01	7.276E-04
109-66-0	Pentane	72.15	AIHA	1.29	3.807E+03	3.807E+00	3.807E-03
85-01-8	Phenanthrene	178.23	N/A	0	0.000E+00	0.000E+00	0.000E+00
N/A	PM	N/A	N/A	0	0.000E+00	0.000E+00	0.000E+00
N/A	PM10	N/A	N/A	0	0.000E+00	0.000E+00	0.000E+00
74-98-6	Propane	44.10	AIHA	1497	2.700E+06	2.700E+03	2.700E+00
7446-09-5	Sulfur dioxide	64.06	AIHA	0.33	8.646E+02	8.646E-01	8.646E-04
127-18-4	Tetrachloroethene (perchloroethylene)	165.83	AIHA	0.767	5.202E+03	5.202E+00	5.202E-03
108-88-3	Toluene	92.15	AIHA	0.026	9.799E+01	9.799E-02	9.799E-05
N/A	Total landfill gas	N/A	N/A	0	0.000E+00	0.000E+00	0.000E+00
156-60-5	trans-1,2-Dichloroethene	96.94	AIHA	277	1.098E+06	1.098E+03	1.098E+00
79-01-6	Trichloroethene (TCE, trichloroethylene)	131.40	AIHA	0.5	2.687E+03	2.687E+00	2.687E-03
75-69-4	Trichlorofluoromethane (Freon 11)	137.37	AIHA	5	2.809E+04	2.809E+01	2.809E-02
75-01-4	Vinyl chloride	62.50	AIHA	203	5.189E+05	5.189E+02	5.189E-01
75-35-4	Vinylidene chloride	96.95	AIHA	50	1.983E+05	1.983E+02	1.983E-01
N/A	VOC	N/A	N/A	0	0.000E+00	0.000E+00	0.000E+00
1330-20-7	Xylene (mixture), including m-xylene, o-xylene, p-xylene	106.16	AIHA	0.012	5.210E+01	5.210E-02	5.210E-05

N/A = not applicable