



# Air Toxics Program Annual Report

September 25, 2024



# Air Toxics Program Annual Report

## Purpose

This report will describe the status of Air Toxics “Hot Spots” Program and other toxic emissions related programs implemented within the Monterey Bay Air Resources District (MBARD), which includes Monterey, Santa Cruz, and San Benito Counties. This annual report has been prepared in accordance with HSC Section 44363.

## Air Toxics “Hot Spots” Program

The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly) was enacted in 1987, and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, to identify facilities having localized impacts, to estimate health risks, to notify nearby residents of significant risks, and to reduce those significant risks to acceptable levels. In accordance with the California Health and Safety Code (HSC) Section 44300, et seq., MBARD adopted Rules 305 and 1003 to administer the Hot Spots program.

## Hots Spots Program Process

In the early 1990s, MBARD completed a full review of the facilities that existed at that time following the process described below. Based upon the methodology used in the 1990s, none of the sources evaluated triggered the notification or risk reduction requirements. In 2018, MBARD re-started this process to review existing sources within Monterey, San Benito, and Santa Cruz counties. Updated in 2015, California Environmental Protection Agency’s (EPA) Office of Environmental Health Hazard Assessment (OEHHA) risk assessment methodology incorporates childhood exposure to air toxics. Evaluations based on the updated OEHHA methodology for the same level of emissions and conditions are anticipated to show an increase in potential cancer risk. For example, the estimated residential potential inhalation cancer risk using the new OEHHA methodology may be approximately 1.5 to 3 times higher than was previously estimated.

The first step in the process is for facilities to submit a toxic emissions inventory plan (TEIP) which identifies the methods to be used for estimating toxics emissions used to develop a toxic emissions inventory. MBARD reviews the inventory and uses



*The goal of the program is to collect emission data, identify facilities having localized impacts, ascertain health risks, notify nearby residents of significant risks, and reduce those significant risks to an acceptable level.*



prioritization guidelines<sup>1</sup> to categorize facilities as low, medium or high priority. In establishing priorities, MBARD considers the potency, toxicity, quantity, and volume of hazardous materials released from the facility, the proximity of the facility to potential receptors, including, but not limited to, hospitals, schools, daycare centers, worksites, and residences, and any other factors that MBARD finds and determines may pose a significant risk to receptors. MBARD Rule 1003 establishes a cancer risk of 10 in one million as significant and a hazard index greater than 1 for non-cancer risk (acute or chronic) as significant. Sources with a prioritization score that exceeds the Rule 1003 limits are considered a high priority.

For facilities that are designated as high priority, the next step is conducting a detailed health risk assessment. The source can prepare and submit the risk assessment to MBARD or request MBARD to prepare the assessment. Once reviewed and approved by MBARD, the health risk assessment (HRA) is submitted to the California Office of Environmental Health Hazard Assessment (OEHHA) for additional review of the risk assessment procedure. If the HRA results in a cancer risk greater than 10 in one million or a hazard index greater than 1, the facility is identified as potentially causing a significant health risk and must notify all exposed persons of the health risk assessment results and conduct a toxic risk reduction audit and develop a plan to implement measures to reduce that risk.

This process is streamlined for small businesses with similar characteristics such as: gas stations, dry cleaners, or auto body shops, due to the economic hardship individual reporting would cause. Industrywide risk assessments are performed for these source types which results in minimal data collection by each individual facility to assess risk.

#### Prioritization Score

As described above, MBARD assesses a prioritization score to each facility based on the toxic emissions inventory and following California Air Pollution Control Officers Association (CAPCOA) guidelines. Attachment A contains the prioritizations scores completed as of the date of this report. Based upon the results of the prioritization scores, each facility is designated as either a high, intermediate or low risk, as defined by the three risk categories described below.

#### **Category No. 1 (High Level Risk)**

A high-risk facility has either one of the following:

- 1) an approved health risk assessment (HRA) showing an increased cancer risk exceeding 10 in a million or a total hazard index (THI) exceeding 1.0, or
- 2) a prioritization score greater than or equal to 10.0 (health risk assessment required).

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<sup>1</sup> California Air Pollution Control Officers Association (CAPCOA). 2016. Air Toxic “Hot Spots” Program, Facility Prioritization Guidelines. <http://www.capcoa.org/wp-content/uploads/2016/08/CAPCOA%20Prioritization%20Guidelines%20-%20August%202016%20FINAL.pdf>



### **Category No. 2 (Intermediate Level Risk)**

An intermediate risk facility has either one of the following:

- 1) an approved HRA showing increased cancer risk is less than 10 in a million and a THI less than 1.0, or
- 2) a prioritization score less than 10, but more than 1.0 (HRA not required).

### **Category No. 3 (Low Level Risk)**

A low-risk facility has either one of the following:

- 1) an approved HRA showing less than 1 in a million increased cancer risk and THI less than 0.1 for each toxicological endpoint, or
- 2) a prioritization score equal to or less than 1.0 for both cancer and non-cancer health effects.

A fourth category has been included to provide a status of the facilities whose TEIRs are still in development or under MBARD review.

### **Category No. 4 (In Progress)**

The following facilities have either:

- 1) submitted a Toxic Emissions Inventory Plan (TEIP) and MBARD is currently reviewing the plan,
- 2) an approved TEIP and MBARD is awaiting the Toxic Emissions Inventory Report (TEIR), or
- 3) received TEIR and is conducting a Prioritization Score Assessment.

### **California Air Toxics Mandates**

CARB has developed a number of Air Toxic Control Measures (ATCMs) to reduce emissions of air toxics. Most of these requirements are aimed at reducing diesel particulate emissions through implementation of newer, cleaner diesel engines and alternative fuel technologies. Many of the diesel engine measures have achieved their phase in period such that a newly installed diesel engine today must meet the most stringent Tier 4 standards.

In addition, California has stringent standards for vapor recovery systems to reduce vapors while fueling vehicles at service stations. Most gasoline stations have now installed monitoring equipment to help owners more rapidly determine when nozzles, hoses, and pumps need to be repaired. This was required by the In-Station Diagnostic (ISD) Program.

Finally, a program to phase out perchloroethylene emissions from dry cleaning equipment began in 2007. By the year 2023, the carcinogen perchloroethylene will no longer be allowed for use in dry



cleaning. As of July 2019, there are no dry cleaners operating in MBARD which use perchloroethylene as a dry-cleaning solvent.

These and other recently enacted State programs have resulted in fewer toxic emissions impacting the public residing in Monterey, San Benito, and Santa Cruz Counties.

### California Emission Guidelines and Criteria and Toxics Reporting Regulation

CARB adopted the "Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants" (or CTR) to implement statewide annual reporting of criteria air pollutant and toxic air contaminant emissions data from facilities. The reporting regulation became effective January 1, 2020, with amendments effective January 1, 2022. CTR supports the mandates of AB 617, AB 197, and AB 2588. Concurrent to the rulemaking for the CTR amendments, the Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines (EICG) Regulation was also amended, due to multiple common elements between the two programs. The EICG outlines the steps discussed in this report for preparing toxic emission inventory plans and reports.

### Federal Air Toxics Mandates

The Environmental Protection Agency (EPA) has also been developing toxic emission reduction measures. Generally, these requirements apply to facilities much larger than those permitted within MBARD or have previously been complied with due to California's more restrictive emission limitations. EPA develops Maximum Achievable Control Technology (MACT) standards to reduce hazardous air pollutant (HAP) emissions from certain industry source categories. MACT requirements apply to major sources of HAPs (10 tons per year of any individual HAP or 25 tons per year of any combination of HAPs).

### MBARD New Source Review

New or modified stationary sources of emissions require an MBARD permit to operate. To obtain a permit, a source must determine potential emissions and assess the associated health risk in accordance with MBARD Rule 1000. MBARD updated Rule 1000 in 2017 to incorporate the updated OEHHA risk assessment guidelines.

In 1974, the Board of Directors adopted Rule 207 (Review of New or Modified Sources), last revised in February of 2017. Rule 207 requires all new or modified sources to utilize Best Available Control Technology (BACT). BACT is applied to criteria pollutant emission such as Volatile Organic Compounds, oxides of Nitrogen (NOx), Particulate Matter (PM), etc. Implementation of this rule has been instrumental in minimizing toxic emissions from new and modified sources. Through the implementation of Rule 207 and Rule 1000, potential significant risk sources in MBARD's jurisdiction have been reducing toxic air contaminant (TAC) emissions.

### MBARD Permit Requirements for Sources Emitting Toxic Air Pollutants (Rule 1000)

MBARD Rule 1000 requires an evaluation of toxic air pollutants prior to issuing a permit to operate. However, the Rule 1000 review only evaluates the risk from a permit unit which is different from AB2588 which evaluates the combined risk of all emission units at a facility. For facilities with a single



permit, the Rule 1000 review is a conservative estimate of AB2588 risk because it is based on potential-to-emit. Whereas AB2588 is based upon actual emissions for a given calendar year.

### California Environmental Quality Act

Air quality impacts from new facilities and developments must assess whether sensitive receptors will be exposed to substantial pollutant concentrations. MBARD reviews environmental documents from local cities, counties, and other agencies and will provide comments if the analysis of sensitive receptor exposure is inadequate.

### AB2588 Program Fees

Program costs may be recovered by assessing a fee to subject facilities pursuant to Rule 305, AB2588 Implementation Fees. MBARD is required to collect and pay fees to the State to cover CARB's cost. CARB is currently in the process of updating their AB2588 fee rule. MBARD is also authorized by Rule 305 to assess fees to cover staff costs.

### AB2588 Review Summary and Future Activities

Toxic air emissions have decreased over time due to federal and state regulations, more stringent equipment emission standards, equipment retirement, and facility shutdowns. In 2017, MBARD adopted revisions to Rule 1003 to reflect the updated OEHHA Guidelines released in 2015<sup>2</sup> and the updated CAPCOA Prioritization Guidelines in 2016. In 2018, MBARD initiated evaluating existing sources in accordance with these updated guidelines by starting with toxic emissions inventories. Initially, in January 2018, MBARD notified stationary sources of our intention to re-evaluate all existing sources in accordance with these updated guidelines, commencing with facilities emitting more than 10 tons per year of total organic gases, particulate matter, nitrogen oxides, or sulfur oxides, or facilities listed in an MBARD air toxic emissions survey, inventory or report. This effort identified 26 sources to begin the re-evaluation. MBARD provided the sources with the option to submit a toxic emissions inventory plan and report, or request MBARD to prepare the emissions inventory report.

In 2019, MBARD expanded the list of facilities to review and reached out to aggregate crushing and screening facilities, hospitals, large and small military installations, large and small wastewater treatment facilities, and wineries. These facilities were instructed to submit a TEIP by February 1, 2020, followed by a Toxic Emissions Inventory Report (TEIR) 180 days after MBARD approval of the TEIP. Due to the large volume of facilities notified in 2019, MBARD requested the larger facilities to conduct their own TEIP and TEIR; however, MBARD offered assistance to the smaller facilities. For example, on August 22, 2019, MBARD held a workshop to assist the wastewater treatment facilities in understanding the requirements and providing them instruction on how to use the template emission calculation spreadsheet. In many cases, facilities were provided with extensions to complete their TEIPs and due to COVID-19, some facilities have been given longer than expected extensions to complete their TEIRs. Finally, the California Air Resources Board (CARB) adopted revisions to the Criteria and Toxics Reporting Regulation in 2022 which delayed emissions reporting for wastewater

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<sup>2</sup> Office of Environmental Health Hazard Assessment (OEHHA). 2015. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>



treatment facilities to until 2028. Therefore, MBARD will postpone updating the remaining wastewater treatment facilities which have not been evaluated to align with the CTR timeline.

In 2021, the Office of Environmental Health Hazard Assessment (OEHHA) completed its review of three health risk assessments (HRAs) for Community Hospital of the Monterey Peninsula, Watsonville Community Hospital, and Constellation Winery.

To date, 106 facilities have been notified of the AB2588 review and 52 facilities have been prioritized with the following results:

- 1 High Priority after completing HRA and OEHHA Review
- 3 High Priority, HRA being finalized
- 22 Intermediate Priority
- 26 Exempt Priority

In 2023, MBARD reviewed the risk for gasoline dispensing facilities using the CARB the Gasoline Service Station Industrywide Risk Assessment Technical Guidance which was finalized in 2022. This document provides the framework to assess risk for retail gas stations. Staff began evaluating gas station risk based on this updated guidance and the calendar year 2022 throughput data collected by MBARD inspectors. MBARD completed the analysis for 92 GDFs, as shown in Attachment A, Table 2, with the following results:

- 41 Intermediate Priority
- 51 Low Priority

Gas stations with higher gasoline throughput do not necessarily result in higher risk. The distance to a receptor is an important factor in determining risk. A gas station with a lower throughput but a receptor located 20 meters away would result in a higher risk compared to a higher throughput station with a receptor located 200 meters away.

Table 1 in Attachment A includes a summary of the facilities under review in the program and the current status and Table 2 has a summary of the gas stations evaluated. The next steps will be completing the remaining facilities initially notified and begin the review of the industrywide facilities with guidance documents updated in 2024:

- Non-Vehicular Diesel Internal Combustion Engines
- Auto Body Shops

#### Update for Intermediate Level Facilities

For intermediate level facilities, the EIGC Section V. Update Reporting Requirements requires tracking activity changes and updates if there are significant increases. A significant increase is defined as a 10 percent or greater increase in device activity such as increases in throughput, fuel usage, or process rates. In 2024, MBARD began to review the intermediate level facilities in Table 1, which did not conduct a Health Risk Assessment, to determine whether there has been a significant increase. The



status in Table 1 identifies the facilities with intermediate risk which were reviewed. Most of these facilities are now also subject to annual emissions reporting per CTR.

### Conclusion

As required by state law, this report provides an update on MBARD's AB 2588 Air Toxics "Hot Spots" Program. The current status of facilities under review in the program is shown in Attachment A. This report will be presented to MBARD's Advisory Committee for review and comments and then to the Board of Directors during a public meeting.



# Attachment A

## Facility Summary Table

**Table 1. Summary of Facilities Reviewed under AB2588 (as of report date)**

Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
<b>Greater than 10 TPY Sources</b>					
AERA ENERGY LLC	0.24	0.10	0.96	LOW	Exempt
AMERESCO SANTA CRUZ ENERGY LLC: BUENA VISTA LANDFILL	0.97	0.10	6.49	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
AMERESCO SANTA CRUZ ENERGY LLC: JOHNSON CANYON LANDFILL	1.98	0.17	8.36	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
BIG CREEK LUMBER	0.01	0.00	1.22	INTERMEDIATE	Transition to CTR Schedule
CALPINE KING CITY COGEN, LLC	0.85	0.07	8.98	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
CHEVRON POWER HOLDING, INC. DBA SALINAS RIVER COGEN	1.56E-03	2.11E-04	6.64E-04	LOW	Exempt
CHEVRON POWER HOLDING, INC. DBA SARGENT CANYON COGEN	3.35E-03	5.31E-04	6.58E-04	LOW	Exempt
CHEVRON U.S.A. INC.	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Prioritization score in progress
CITY OF SANTA CRUZ - WWTP	15.29	1.18	67.91 (HRA <10)	INTERMEDIATE	CTR Reporting Schedule

**Table 1. Summary of Facilities Reviewed under AB2588 (as of report date)**

Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
CONSTELLATION BRANDS U.S. OPERATIONS, INC. DBA GONZALES WINERY	3.54	0.64	38.22 (HRA<10)	INTERMEDIATE	CTR Reporting Schedule
MOSS LANDING POWER COMPANY, LLC	0.03	0.01	1.10	INTERMEDIATE	CTR Reporting Schedule
AERA ENERGY LLC (Formerly EXXON MOBIL CORP)	0.18	0.02	0.74	LOW	Exempt
TPWC INC (STONEWALL CANYON WINERY AND VINEYARD)	0.30	3.43	1.71	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
GRANITE ROCK COMPANY - AROMAS QUARRY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Reviewing revised TEIP
KENDALL-JACKSON WINE ESTATES, LTD DBA JACKSON FAMILY WINES	0.04	5.74E-03	0.14	LOW	Exempt
LHOIST NORTH AMERICA OF ARIZONA - NATIVIDAD PLANT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIR under review
MONTEREY ONE WATER	0.23	0.02	1.05	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT	2.84	0.25	24.10	HIGH	HRA under review
OLIVE SPRINGS QUARRY	0.95	0.16	2.06	INTERMEDIATE	CTR Reporting Schedule
PACIFIC SCIENTIFIC ENERGETIC MATERIALS COMPANY	0.23	0.01	2.74	INTERMEDIATE	CTR Reporting Schedule

Air Toxics Program Annual Report



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Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
SANTA CRUZ ENERGY, LLC	1.88E-03	1.72E-03	0.11	LOW	Exempt
STEVENS CREEK QUARRY	0.41	0.14	5.34	INTERMEDIATE	CTR Reporting Schedule
THE DON CHAPIN COMPANY	0.09	1.71E-04	0.84	LOW	Exempt
THE WINE GROUP - GOLDEN STATE VINTNERS WINERY	0.11	0.01	0.12	LOW	Exempt
TRICAL	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIR under review
UCSC	0.76	0.07	9.09	INTERMEDIATE	Update review, no significant increase, CTR Reporting Schedule
<b>Small Wastewater Treatment Plants (MBARD will prepare TEIR based on data provided)</b>					
BIG BASIN WATER & SANITATION	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Delayed due to wildfire in 2020, equipment under receivership
CALIFORNIA AMERICAN WATER COMPANY - CARMEL VALLEY RANCH RESORT	0.01	1.65E-03	0.80	LOW	Exempt
CALIFORNIA AMERICAN WATER COMPANY - INDIAN SPRINGS WWTP	3.24E-03	0.15	0.62	LOW	Exempt
CALIFORNIA AMERICAN WATER COMPANY - LAS PALMAS WWTP	0.08	0.15	0.34	LOW	Exempt

Air Toxics Program Annual Report



**Table 1. Summary of Facilities Reviewed under AB2588 (as of report date)**

Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
CALIFORNIA AMERICAN WATER COMPANY - OAK HILLS WWTP	0.01	0.15	0.20	LOW	Exempt
CALIFORNIA AMERICAN WATER COMPANY - SPRECKELS WWTP	0.01	0.70	1.05	INTERMEDIATE	Transition to CTR Reporting
CALIFORNIA AMERICAN WATER COMPANY - LAGUNA SECA RANCH & PASADERA ESTATES	0.04	0.15	0.20	LOW	Exempt
CALIFORNIA DEPARTMENT OF FORESTRY - BEN LOMOND CONSERVATION CAMP	0.01	0.15	0.20	LOW	Exempt
CALIFORNIA DEPARTMENT OF PARKS - BIG BASIN REDWOODS STATE PARK	No longer in operation				Permit cancelled in July 2024
CALIFORNIA DEPARTMENT OF PARKS AND RECREATION - BIG SUR SECTOR	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
CALIFORNIA UTILITIES SERVICE INC	Not applicable	Not applicable	Not applicable	Not applicable	Exempt per AB2588 applicability activity thresholds
CANADA WOODS RECLAMATION FACILITY	0.10	2.32E-03	0.97	LOW	Exempt
GEORGE CHIALA FARMS INC	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
H.A. RIDER & SONS	2.96E-03	2.76E-04	0.04	LOW	Exempt
HILLTOP MUTUAL WATER SYSTEM	1.10E-03	8.68E-05	9.53E-03	LOW	Exempt



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Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
LITTLE BEAR WATER COMPANY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
MID PEN CORPORATION	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
MONTEREY HOLDING LP DBA BERNADUS LODGE AND SPA	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
MOUNT HERMON ASSOCIATION INC	0.02	3.77	24.32	HIGH	HRA extension granted due to COVID-19 impact on facility
PACIFIC CASTLE MANAGEMENT INC DBA PC PRUNE TREE, LLC	0.06	0.01	6.68	INTERMEDIATE	Transition to CTR Schedule
POST RANCH LP	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
RANCHO LARIOS HOMEOWNERS ASSOCIATION	0.02	1.16E-03	0.14	LOW	Exempt
SAN ARDO WATER DISTRICT	4.99E-03	3.47E-04	0.04	LOW	Exempt
SAN LUCAS WATER DISTRICT	8.19E-04	6.46E-05	7.10E-03	LOW	Exempt
SANTA LUCIA COMMUNITY SERVICE DISTRICT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will



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Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
					calculate emissions
SUNNYSLOPE COUNTY WATER DISTRICT	0.11	0.01	1.14	INTERMEDIATE	Transition to CTR Schedule
TAYLOR FARMS RETAIL, INC.	0.06	0.01	1.26	INTERMEDIATE	Transition to CTR Schedule
TRES PINOS COUNTY WATER DISTRICT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
TRUE LEAF FARMS LLC	0.03	0.00	0.28	LOW	Exempt
WTCC VENTANA INVESTORS V LLC DBA VENTANA INN & SPA	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	Data received, MBARD will calculate emissions
<b>Large Wastewater Treatment Plant</b>					
CARMEL AREA WASTEWATER DISTRICT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIR under review
CITY OF GONZALES	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF GREENFIELD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF HOLLISTER – 2690 SAN JUAN HOLLISTER ROAD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF HOLLISTER – 1321 SOUTH STREET HOLLISTER	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF KING CITY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF PACIFIC GROVE	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF SALINAS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF SAN JUAN BAUTISTA	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF SCOTTS VALLEY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS



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Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
CITY OF SOLEDAD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
CITY OF WATSONVILLE WASTEWATER	0.71	0.08	3.97	INTERMEDIATE	CTR Reporting Schedule
COUNTY OF MONTEREY – RMA PW	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SAN BENITO – PUBLIC WORKS DEPARTMENT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SANTA CRUZ DBA BUENA VISTA FARM LABOR HOUSING	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SANTA CRUZ DBA DAVENPORT TREATMENT LAGOON	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SANTA CRUZ DBA TRESTLE BEACH WWTP	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SANTA CRUZ DBA SAND DOLLAR BEACH WWTP	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
COUNTY OF SANTA CRUZ – BOULDER CREEK WWTP	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS
<b>Aggregate Operations</b>					
BUFFALO GYPSUM COMPANY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
CAL ROCK PRODUCTS LLC	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
GRANITE CONSTRUCTION COMPANY - FELTON	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
GRANITE CONSTRUCTION COMPANY - WORK STREET	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
GRANITE ROCK COMPANY - CIENEGA	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
GRANITE ROCK COMPANY - COAST ROAD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
GRANITE ROCK COMPANY - QUAIL HOLLOW	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review



Air Toxics Program Annual Report



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Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
SAN BENITO SUPPLY INC - METZ	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
SWIFT TECTONICS INC	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
THE DON CHAPIN COMPANY - PINE CANYON	0.07	0.03	2.29	INTERMEDIATE	CTR Reporting Schedule
WILLIS CONSTRUCTION COMPANY INC - 2261 SAN JUAN HWY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
WILLIS CONSTRUCTION COMPANY INC - 2310 SAN JUAN ROAD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
<b>Wineries</b>					
CONUNDRUM WINERY LLC	4.62E-03	2.43E-04	0.01	LOW	Exempt
DELICATO VINEYARDS DBA ALBA COAST WINERY	0.03	6.07E-04	0.25	LOW	Exempt
DELICATO VINEYARDS DBA DELICATO MONTEREY WINERY	7.19E-04	3.84E-05	0.02	LOW	Exempt
MONTEREY WINE COMPANY	0.52	0.01	0.61	LOW	Exempt
SCHEID VINEYARDS INC	0.65	0.06	0.43	LOW	Exempt
<b>Hospitals</b>					
COMMUNITY HOSPITAL OF MONTEREY PENINSULA	5.16	3.19	123.54 (HRA>10)	HIGH	Risk Reduction Plan
DOMINICAN HOSPITAL	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIR under review
NATIVIDAD MEDICAL CENTER	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
SALINAS VALLEY MEMORIAL	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
SAN BENITO HEALTH CARE DISTRICT	0.29	0.05	32.30 (HRA <10)	INTERMEDIATE	CTR Reporting Schedule,



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					OEHHA Review HRA
SOUTHERN MONTEREY COUNTY MEMORIAL DBA GEORGE LEE MEMORIAL HOSPITAL	0.02	0.03	13.95 (HRA <10)	INTERMEDIATE	CTR Reporting Schedule
WATSONVILLE COMMUNITY HOSPITAL	0.01	0.12	33.07 (HRA <10)	INTERMEDIATE	CTR Reporting Schedule
<b>Small Military</b>					
CA ARMY NATIONAL GUARD	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
DEPARTMENT OF DEFENSE - MANPOWER DATA CENTER	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
DEPARTMENT OF HOMELAND SECURITY - US COAST GUARD STATION MONTEREY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
DEPARTMENT OF HOMELAND SECURITY - US COAST GUARD SECTOR SN FCO	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP due
<b>Large Military</b>					
DEPT OF THE ARMY – FORT HUNTER LIGGETT	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
DEPARTMENT OF THE ARMY – PRESIDIO OF MONTEREY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
DEPARTMENT OF THE ARMY – PRESIDIO (ORD MILITARY COMMUNITY, SEASIDE)	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review
NAVAL SUPPORT ACTIVITY MONTEREY	IN PROGRESS	IN PROGRESS	IN PROGRESS	IN PROGRESS	TEIP under review

\*TEIR = Toxic Emission Inventory Report, HRA = Health Risk Assessment, CTR Reporting Schedule = Move reporting timeline to the California Air Resources Board’s emission reporting regulation annual requirement.



**Table 1. Summary of Facilities Reviewed under AB2588 (as of report date)**

Facility Name	Acute Score	Chronic Score	Cancer Score	Priority	Status*
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**Table 2. Summary of Gasoline Stations Reviewed under AB2588**

Facility Name (Doing Business As)	City (Street Name)	Acute Score	Cancer Score	Priority
7-ELEVEN INC #17296	Watsonville (E Lake Rd)	0.1	1.1	LOW
7-ELEVEN INC #20608	Watsonville (Airport Dr)	0.2	0.7	LOW
7-ELEVEN INC #33011	Del Rey Oaks (Canyon Del Rey)	0.0	0.0	LOW
7-ELEVEN INC #35065	Salinas (Terven Ave)	0.2	1.1	INTERMEDIATE
7-ELEVEN INC #37983	Monterey (Lighthouse Ave)	0.2	1.3	INTERMEDIATE
7-ELEVEN INC #37986	Salinas (N Main St)	0.0	0.2	LOW
7-ELEVEN INC #38003	Santa Cruz (Ocean St)	0.3	1.9	INTERMEDIATE
7-ELEVEN INC #38004	Santa Cruz (Mission St)	0.7	7.3	INTERMEDIATE
7-ELEVEN INC #38006	Santa Cruz (Mission St)	0.5	6.3	INTERMEDIATE
7-ELEVEN INC #38008	Scotts Valley (Scotts Valley Dr)	0.5	3.7	INTERMEDIATE
AJ'S FUEL MARKET OF CAPITOLA	Capitola (Bay Ave)	0.0	0.1	LOW
ALLEN BROTHERS OIL II INC (OIL CAN HENRY'S)	Salinas (North Davis Rd)	0.0	0.2	LOW
AMERIPAK OIL COMPANY LLC (KWIK SERVE)	Santa Cruz (Mission St)	0.3	1.8	INTERMEDIATE
ANDY'S BP INC (GAS AND SHOP)	Santa Cruz (Mission St)	0.5	1.9	INTERMEDIATE
APRO LLC (UNITED PACIFIC)	Monterey (Munras Ave)	0.3	1.3	INTERMEDIATE
BANUELOS ENT INC (POCO VALERO)	Gonzales (South Alta)	0.3	0.4	LOW
BENDAROCK INC	Bradley (Jolon Rd)	0.0	0.0	LOW
BGK VILLAGE CORP (KASEY'S)	Carmel Valley (Del Fino Place)	0.1	0.2	LOW
BIG SUR LOMA VISTA LLC (BIG SUR SHELL)	Big Sur (Hwy 1)	0.7	1.0	INTERMEDIATE
BIG SUR RIVER INN	Big Sur (Hwy 1)	0.7	0.8	LOW
BP PRODUCTS NORTH AMERICA INC (ARCO)	Salinas (Kern St)	0.0	0.4	LOW
BP PRODUCTS NORTH AMERICA INC (ARCO)	King City (Broadway St)	0.0	0.2	LOW
BP PRODUCTS NORTH AMERICA INC (ARCO)	Salinas (E Alisal St)	0.0	0.7	LOW
BRAD ROSE INC (PRUNEDALE CHEVRON)	Salinas (Prunedale North Rd)	0.1	0.4	LOW



**Table 2. Summary of Gasoline Stations Reviewed under AB2588**

Facility Name (Doing Business As)	City (Street Name)	Acute Score	Cancer Score	Priority
CALIFORNIA ASSOCIATES GS001 LLC	Castroville (Merritt St)	0.5	2.0	INTERMEDIATE
CARMEL HIGHLANDS SERVICE INC	Carmel (Hwy 1)	0.5	0.3	LOW
CHEVRON PRODUCTS COMPANY	Carmel (Rio Rd)	0.1	0.6	LOW
CHEVRON PRODUCTS COMPANY	Monterey (Fremont St)	0.0	0.2	LOW
CHEVRON PRODUCTS COMPANY	Capitola (41 <sup>st</sup> Ave)	0.1	0.4	LOW
CORNERSTONE AUTOMOTIVE SERVICE	Felton (Hwy 9)	0.5	0.8	LOW
COSTCO WHOLESALE	Santa Cruz (Harvey West)	0.0	0.4	LOW
DASSEL'S PETROLEUM INC	Scotts Valley (Janis Way)	0.2	0.2	LOW
DAVID DOAN AND MAGGIE NGUYEN (CHEVRON)	Hollister (Tres Pinos Rd)	0.1	0.4	LOW
DIAB & JOUDI INC (CORNERSTORE)	Gonzales (Alta St)	0.3	0.6	LOW
FLOYD OWENS (CHEVRON)	King City (Broadway Circle)	0.0	0.1	LOW
GAWFCO ENTERPRISES INC (PRUNEDALE FUEL AND FOOD)	Salinas (N El Camino)	0.2	1.0	INTERMEDIATE
GAWFCO ENTERPRISES INC (ROYAL OAKS VALERO)	Royal Oaks (San Juan Rd)	0.7	6.0	INTERMEDIATE
GAWFCO ENTERPRISES INC (CAPITOLA UNION 76)	Capitola (41 <sup>st</sup> )	0.5	2.2	INTERMEDIATE
GILBERT SHAW (SOLEDAD BEACON)	Soledad (Front St)	0.1	0.1	LOW
GREEN DESERT OIL GROUP INC (ARCO/AM PM)	Salinas (Auto Center Circle)	0.2	0.5	LOW
H&S ENERGY LLC (H&S ENERGY PRODUCTS)	Watsonville (Main St)	0.0	0.1	LOW
HADAD PETROLEUM INC (ARCO)	Salinas (Williams Rd)	0.3	7.0	INTERMEDIATE
HOUTAN PETROLEUM INC (COAST GASOLINE)	Capitola (41 <sup>st</sup> Ave)	0.3	2.5	INTERMEDIATE
JACKSON ENERGY	Salinas (S Sanborn Rd)	0.2	1.1	INTERMEDIATE
JACKSONS FOOD STORES	King City (Broadway St)	0.0	0.2	LOW
JACKSONS FOOD STORES	Freedom (Freedom Blvd)	0.1	0.8	LOW
JACO HILL COMPANY (LASSEN MARKET)	Soledad (N Front Rd)	0.4	1.8	INTERMEDIATE
KAR AUTO SPA INC (CRUZ CAR WASH)	Soquel (41 <sup>st</sup> )	0.2	0.0	LOW
KAR WASH INC (SPLASH CAR WASH)	Salinas (Abbott St)	0.0	0.0	LOW
KN PROPERTIES (CHEVRON)	Santa Cruz (Mission St)	0.5	2.3	INTERMEDIATE
LARRY TREVINO INC (CHEVRON)	King City (First St)	0.0	0.0	LOW
LAUREL HEIGHT CORP (SHELL)	Salinas (N Sanborn Rd)	0.2	0.8	LOW



**Table 2. Summary of Gasoline Stations Reviewed under AB2588**

Facility Name (Doing Business As)	City (Street Name)	Acute Score	Cancer Score	Priority
MEG'S CARMEL VALLEY CHEVRON	Carmel Valley (Carmel Valley Rd)	0.4	1.5	INTERMEDIATE
MJ PETROLEUM INC (MOBIL)	Aromas (San Juan Rd)	0.2	0.6	LOW
MOHAMMAD T HUSSAINI (GREAT GAS AND FOOD MART)	Santa Cruz (Capitola Rd)	0.6	6.7	INTERMEDIATE
MOON S KIM (CITY GAS & LIQUOR)	Hollister (San Benito St)	0.4	2.2	INTERMEDIATE
MOSLEH MOHSSIN (BROTHERS MARKET)	Freedom (Buena Vista Dr)	0.8	0.7	LOW
ONETO ENTERPRISES INC (STEVE'S UNION SERVICE)	Santa Cruz (Soquel Dr)	0.0	0.2	LOW
PENINSULA PETROLEUM LLC (SHELL)	Salinas (N Main St)	0.2	1.5	INTERMEDIATE
PENINSULA PETROLEUM LLC (SHELL)	Soledad (Front St)	0.1	0.3	LOW
PENINSULA PETROLEUM LLC (SHELL)	Scotts Valley (Mt Hermon Rd)	0.3	2	INTERMEDIATE
PENINSULA PETROLEUM LLC (SHELL)	Salinas (S Main St)	0.0	0.3	LOW
PENINSULA PETROLEUM LLC (SHELL)	Salinas (N Main St)	0.1	0.3	LOW
PENINSULA PETROLEUM LLC (SHELL)	Capitola (41 <sup>st</sup> Ave)	0.0	0.1	LOW
PENINSULA PETROLEUM LLC (SHELL)	Pacific Grove (Lighthouse Ave)	0.4	1.7	INTERMEDIATE
PENINSULA PETROLEUM LLC (SHELL)	Soquel (Santa Cruz)	0.1	0.4	LOW
PIERCE CENTRAL LLC (ACME CENTRAL CAR WASH)	Salinas (N Main St)	0.0	0.4	LOW
PIERCE CO LP (ACME CHEVRON)	Salinas (N Main St)	0.2	2.0	INTERMEDIATE
PILOT TRAVEL CENTERS LLC	Salinas (Work St)	0.0	0.1	LOW
QUIK STOP MARKETS INC	Felton (Highway 9)	0.6	4.2	INTERMEDIATE
QUIK STOP MARKETS INC	Royal Oaks (Porter Rd)	0.3	1.9	INTERMEDIATE
QUIK STOP MARKETS INC	Freedom (Freedom Blvd)	0.3	1.7	INTERMEDIATE
QUIK STOP MARKETS INC	Hollister (San Juan Rd)	0.3	1.4	INTERMEDIATE
QUIK STOP MARKETS INC	Salinas (Williams Rd)	0.4	1.0	INTERMEDIATE
R & C MINI MART INC (BMF RACING CO)	Hollister (San Benito St)	0.8	1.1	INTERMEDIATE
ROBINSON OIL CORPORATION (ROTTEN ROBBIE)	Salinas (S Main St)	0.3	3.7	INTERMEDIATE
RON INCE (MAIN STREET AMERICAN FUELS)	Watsonville (Main St)	0.1	0.9	LOW
SAFEWAY INC	Salinas (Constitution Blvd)	0.2	0.9	LOW
SALKHI PETROLEUM INC (CHEVRON)	Aptos (Soquel Dr)	0.6	3.4	INTERMEDIATE
SALKHI PETROLEUM INC (MT HERMON 76)	Scotts Valley (Mt Hermon Rd)	0.2	0.6	LOW

Air Toxics Program Annual Report



**Table 2. Summary of Gasoline Stations Reviewed under AB2588**

Facility Name (Doing Business As)	City (Street Name)	Acute Score	Cancer Score	Priority
SALKHI PETROLEUM INC (CHEVRON)	Felton (Hwy 9)	0.3	0.8	LOW
SANBORN VENTURES INC (DOUBLETIME)	Salinas (S Sanborn Rd)	0.4	1.9	INTERMEDIATE
SAV-ON GASOLINE INC (US PRO)	Santa Cruz (Mission St)	0.5	3.4	INTERMEDIATE
SAV-ON GASOLINE INC	Santa Cruz (Ocean St)	0.4	1.8	INTERMEDIATE
SEACLIFF SERVICES INC	Aptos (Sea Ridge Rd)	0.2	0.7	LOW
SHELL HARJAS INC (SHELL GAS & MINI MART)	Hollister (Tres Pinos Rd)	0.4	1.9	INTERMEDIATE
STAR 1 FOOD MART	Salinas (Williams Rd)	0.3	2.0	INTERMEDIATE
STURDY OIL COMPANY (VALLEY TRUCK STOP)	Salinas (Vertin Ave)	0.0	0.0	LOW
SUNIL KAPOOR (RANCH GAS AND FOOD)	Hollister(San Felipe Rd)	0.2	1.1	INTERMEDIATE
TORO PETROLEUM COMPANY (SHELL)	King City (Canal St)	0.1	0.3	LOW
TORO PETROLEUM COMPANY (BULK PLANT WITH STATION)	Hollister (McCray St)	0.4	0.1	LOW
WILLIAM A PIERCE INC (ACME CAR WASH CO)	Salinas (Abbott St)	0.0	0.0	LOW

Notes:

1. The chronic score is not included because the hazard index score for all the stations was less than 0.00.
2. Stations with a priority of "Intermediate" will be reviewed again in 4 years.