

## Rule 1200 Health Risk Assessment

Facility Name: Adam Auto Repair and Collision Center, Inc.  
Facility ID: APCD2026-SITE-04961  
Application: APCD2026-APP-008977  
Project Engineer: Liliana Jaime  
Modeler: Bill Reeve  
Toxics Risk Analyst: Maria Galvez  
Date Submitted to Toxics: 4/24/26  
Date Completed by Toxics: 5/21/2026  
HRA Tools Used: Lakes-AERMOD (Version 24142)/HARP (v22118)

The following estimated risks are valid only for the input data provided by the Project Engineer.

Estimated worker risk does not exceed the residential risk. Therefore, only residential risk is presented in the following results.

### **Estimated Risk Levels:**

|                                                  |                      |
|--------------------------------------------------|----------------------|
| Maximum Individual Cancer Risk (Resident)        | 91.98 in one million |
| Chronic Noncancer Health Hazard Index (Resident) | =0.00153             |
| 8-Hour Noncancer Health Hazard Index (Worker)    | = NA*                |
| Maximum Acute Health Hazard Index                | = 0.00976            |

\*8-Hour Non-Cancer Health Hazard Index is only applicable when calculating worker risk

# Rule 1200 Health Risk Assessment Report

Adam Auto Repair and Collision Center, 04961

Application Number 008977

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5/21/2026

## Input Data Provided by Project Engineer:

Type of Source: Spray Booth for Auto Body Shop

Controls Description: None.

## Worst-Case TAC Emissions Increase:

| Toxic Air Contaminant                     | Hourly Emission Rate<br>(lb/hr) | Annual Emission Rate<br>(lb/yr) |
|-------------------------------------------|---------------------------------|---------------------------------|
| n-Butanol                                 | 1.89E-02                        | 4.72E+01                        |
| Ethyl Benzene                             | 2.50E-02                        | 6.25E+01                        |
| Ethylene Glycol Monobutyl Ether           | 4.37E-03                        | 1.09E+01                        |
| Hexane                                    | 1.29E-03                        | 3.23E+00                        |
| Isopropanol                               | 3.90E-02                        | 9.73E+01                        |
| Methanol                                  | 5.41E-03                        | 1.35E+01                        |
| Methyl Ethyl Ketone                       | 5.04E-02                        | 1.26E+02                        |
| Methyl Isobutyl Ketone                    | 3.59E-02                        | 8.97E+01                        |
| Propylene Glycol Monomethyl Ether Acetate | 5.32E-02                        | 1.33E+02                        |
| Propylene Glycol Monomethyl Ether         | 2.84E-03                        | 7.10E+00                        |
| Styrene                                   | 1.59E-02                        | 3.98E+01                        |
| Toluene                                   | 1.34E-01                        | 3.35E+02                        |
| Xylenes (mixed)                           | 1.42E-01                        | 3.54E+02                        |
| Acetone                                   | 2.57E-01                        | 6.41E+02                        |
| Aluminum                                  | 1.55E-05                        | 3.87E-02                        |
| Barium                                    | 3.42E-05                        | 8.54E-02                        |
| Cobalt                                    | 1.42E-08                        | 3.55E-05                        |
| Copper                                    | 7.11E-09                        | 1.77E-05                        |
| Lead                                      | 0.00E+00                        | 0.00E+00                        |
| Nickel                                    | 0.00E+00                        | 0.00E+00                        |
| Selenium                                  | 3.55E-09                        | 8.87E-06                        |
| Zinc                                      | 1.09E-05                        | 2.72E-02                        |
| PCBTf                                     | 1.05E+01                        | 3.83E+03                        |
| Benzene                                   | 7.45E-07                        | 1.55E-03                        |
| Dichlorobenzene                           | 4.26E-07                        | 8.85E-04                        |
| Formaldehyde                              | 2.66E-05                        | 5.53E-02                        |
| Hexane                                    | 6.38E-04                        | 1.33E+00                        |
| Naphthalene                               | 2.16E-07                        | 4.50E-04                        |

**Process Data:**

| Operation Parameter             | Value |
|---------------------------------|-------|
| Average coating usage (gal/day) | 2.45  |
| Annual hours of operation       | 2920  |

**Release Parameters:**

|                                |         |
|--------------------------------|---------|
| Exhaust Flow Rate, cfm:        | 13,460  |
| Exhaust Temperature, °F:       | Ambient |
| Stack Height above ground, ft: | 25.0    |
| Stack Diameter, ft:            | 2.50    |

**Discussion**

The HRA was conducted in accordance with EPA and OEHHA guidance and District standard procedures. A point source was modeled with refined air dispersion modeling using EPA's AERMOD model, AERMET (Version 24142) processed Lindbergh 2019/2021 u-start adjusted updated meteorology data, AERMAP terrain processing, and urban dispersion coefficients. Building downwash effects were calculated using the EPA BPIP-Prime model. The receptor grid was sufficiently dense to identify maximum impacts.

These risk results are based on the risk scenario calculations and health data at the time of the review and should not be scaled with revised emissions rates without consulting with the Toxics Section.

\*HARP - HRACalc v22118 5/21/2026 8:46:17 AM - Cancer Risk - Input File: D:\8977\_Adams Auto Repair\8977\_HARP\hra\resident\_HRAInput.hra

| REC | GRP  | NETID | X | Y      | CONC    | POLID    | POLABBRE          | RISK_SUM  | SCENARIO                                       |
|-----|------|-------|---|--------|---------|----------|-------------------|-----------|------------------------------------------------|
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.05558  | 71363 n-Butyl Alc | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.073596 | 100414 Ethyl Benz | 4.33E-07  | 0.5% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.012835 | 111762 EGBE       | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.00537  | 110543 Hexane     | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.114574 | 67630 Isopropyl A | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.015897 | 67561 Methanol    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.14837  | 78933 MEK         | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.105625 | 108101 MIBK       | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.156613 | 108656 PGMEA      | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.008361 | 107982 PGME       | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.046866 | 100425 Styrene    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.394475 | 108883 Toluene    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.416848 | 1330207 Xylenes   | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.754801 | 67641 [D] Aceton  | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.56E-05 | 7429905 Aluminum  | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.000101 | 7440393 Barium    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.18E-08 | 7440484 Cobalt    | 7.64E-10  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 2.08E-08 | 7440508 Copper    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0        | 7439921 Lead      | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0        | 7440020 Nickel    | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.04E-08 | 7782492 Selenium  | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 3.20E-05 | 7440666 Zinc      | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.509968 | 98566 PCBTF       | 9.15E-05  | 99.5% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70 |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.83E-06 | 71432 Benzene     | 1.24E-10  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.04E-06 | 95501 1,2-DiClBer | 0.00E+00  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 6.51E-05 | 50000 Formaldeh   | 9.25E-10  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     | 5391 | ALL   |   | 491815 | 3623444 | 5.30E-07 | 91203 Naphthaler  | 4.30E-11  | 0.0% 30YrCancerRMP_InhSoilDermMMilk_FAH16to70  |
|     |      |       |   |        |         |          |                   | 9.198E-05 | 100%                                           |

\*HARP - HRACalc v22118 5/21/2026 8:46:17 AM - Chronic Risk - Input File: D:\8977\_Adams Auto Repair\8977\_HARP\hra\resident\_HRAInput.hra

| REC | GRP  | NETID | X | Y      | CONC    | POLID    | POLABBRE          | EYE      | SCENARIO                                 |
|-----|------|-------|---|--------|---------|----------|-------------------|----------|------------------------------------------|
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.05558  | 71363 n-Butyl Alc | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.073596 | 100414 Ethyl Benz | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.012835 | 111762 EGBE       | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.00537  | 110543 Hexane     | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.114574 | 67630 Isopropyl A | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.015897 | 67561 Methanol    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.14837  | 78933 MEK         | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.105625 | 108101 MIBK       | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.156613 | 108656 PGMEA      | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.008361 | 107982 PGME       | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.046866 | 100425 Styrene    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.394475 | 108883 Toluene    | 9.39E-04 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.416848 | 1330207 Xylenes   | 5.96E-04 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.754801 | 67641 [D] Aceton  | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.56E-05 | 7429905 Aluminum  | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0.000101 | 7440393 Barium    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.18E-08 | 7440484 Cobalt    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 2.08E-08 | 7440508 Copper    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0        | 7439921 Lead      | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 0        | 7440020 Nickel    | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.04E-08 | 7782492 Selenium  | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 3.20E-05 | 7440666 Zinc      | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 4.509968 | 98566 PCBTF       | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.83E-06 | 71432 Benzene     | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 1.04E-06 | 95501 1,2-DiClBer | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 6.51E-05 | 50000 Formaldeh   | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     | 5391 | ALL   |   | 491815 | 3623444 | 5.30E-07 | 91203 Naphthaler  | 0.00E+00 | NonCancerChronicDerived_InhSoilDermMMilk |
|     |      |       |   |        |         |          |                   | 1.53E-03 |                                          |

\*HARP - HRACalc v22118 5/21/2026 8:46:17 AM - Acute Risk - Input File: D:\8977\_Adams Auto Repair\8977\_HARP\hra\resident\_HRAInput.hra

| REC | GRP  | NETID | X | Y      | CONC    | POLID    | POLABBRE          | EYE      | SCENARIO       |
|-----|------|-------|---|--------|---------|----------|-------------------|----------|----------------|
|     | 4996 | ALL   |   | 491775 | 3623474 | 3.583725 | 71363 n-Butyl Alc | 0.00E+00 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 4.740377 | 100414 Ethyl Benz | 0.00E+00 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 0.828618 | 111762 EGBE       | 1.76E-04 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 0.365578 | 110543 Hexane     | 0.00E+00 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 7.394989 | 67630 Isopropyl A | 2.31E-03 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 1.025818 | 67561 Methanol    | 0.00E+00 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 9.556601 | 78933 MEK         | 7.35E-04 | NonCancerAcute |
|     | 4996 | ALL   |   | 491775 | 3623474 | 6.807182 | 108101 MIBK       | 0.00E+00 | NonCancerAcute |

|          |        |         |          |                   |          |                |
|----------|--------|---------|----------|-------------------|----------|----------------|
| 4996 ALL | 491775 | 3623474 | 10.08752 | 108656 PGMEA      | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.538507 | 107982 PGME       | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 3.01488  | 100425 Styrene    | 1.44E-04 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 25.40842 | 108883 Toluene    | 5.08E-03 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 26.92534 | 1330207 Xylenes   | 1.22E-03 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 48.73108 | 67641 [D] Aceton  | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.002939 | 7429905 Aluminum  | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.006485 | 7440393 Barium    | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 2.69E-06 | 7440484 Cobalt    | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 1.35E-06 | 7440508 Copper    | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0        | 7439921 Lead      | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0        | 7440020 Nickel    | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 6.73E-07 | 7782492 Selenium  | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.002067 | 7440666 Zinc      | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 1990.958 | 98566 PCBTF       | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.000141 | 71432 Benzene     | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 8.08E-05 | 95501 1,2-DiClBer | 0.00E+00 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 0.005044 | 50000 Formaldeh   | 9.17E-05 | NonCancerAcute |
| 4996 ALL | 491775 | 3623474 | 4.10E-05 | 91203 Naphthaler  | 0.00E+00 | NonCancerAcute |
|          |        |         |          |                   | 9.76E-03 |                |



PROJECT TITLE:  
**APP008977 Cancer Risk**  
**MEIR 5391**

COMMENTS:

SOURCES:

**1**

RECEPTORS:

**30418**

OUTPUT TYPE:

**Concentration**

MAX:

**107 ug/m^3**

COMPANY NAME:

MODELER:

DATE:

**5/21/2026**

SCALE:

1:792

0 0.02 km

PROJECT NO.:





PROJECT TITLE:  
**APP008977 Chronic HHI**  
**MEIR 5391**

COMMENTS:

SOURCES:

**1**

RECEPTORS:

**30418**

OUTPUT TYPE:

**Concentration**

MAX:

**1.8E-03 ug/m^3**

COMPANY NAME:

MODELER:

DATE:

**5/21/2026**

SCALE:

1:798

0  0.02 km

PROJECT NO.:





PROJECT TITLE:

APP008977 Acute HHI  
PMI 4996

COMMENTS:

SOURCES:

1

RECEPTORS:

30418

OUTPUT TYPE:

Concentration

MAX:

9.8E-03 ug/m^3

COMPANY NAME:

MODELER:

DATE:

5/21/2026

SCALE:

1:1,023

0

0.03 km

PROJECT NO.:





## Summary of Coating Operation with Heater

| CAS     | Pollutant                                 | lbs/hour | lbs/day  | lbs/year | ton/yr |
|---------|-------------------------------------------|----------|----------|----------|--------|
| 71363   | n-Butanol                                 | 1.89E-02 | 1.51E-01 | 4.72E+01 | 0.02   |
| 100414  | Ethyl Benzene                             | 2.50E-02 | 2.00E-01 | 6.25E+01 | 0.03   |
| 111762  | Ethylene Glycol Monobutyl Ether           | 4.37E-03 | 3.49E-02 | 1.09E+01 | 0.01   |
| 110543  | Hexane                                    | 1.29E-03 | 1.04E-02 | 3.23E+00 | 0.00   |
| 67630   | Isopropanol                               | 3.90E-02 | 3.12E-01 | 9.73E+01 | 0.05   |
| 67561   | Methanol                                  | 5.41E-03 | 4.33E-02 | 1.35E+01 | 0.01   |
| 78933   | Methyl Ethyl Ketone                       | 5.04E-02 | 4.04E-01 | 1.26E+02 | 0.06   |
| 108101  | Methyl Isobutyl Ketone                    | 3.59E-02 | 2.88E-01 | 8.97E+01 | 0.04   |
| 108656  | Propylene Glycol Monomethyl Ether Acetate | 5.32E-02 | 4.26E-01 | 1.33E+02 | 0.07   |
| 107982  | Propylene Glycol Monomethyl Ether         | 2.84E-03 | 2.27E-02 | 7.10E+00 | 0.00   |
| 100425  | Styrene                                   | 1.59E-02 | 1.28E-01 | 3.98E+01 | 0.02   |
| 108883  | Toluene                                   | 1.34E-01 | 1.07E+00 | 3.35E+02 | 0.17   |
| 1330207 | Xylenes (mixed)                           | 1.42E-01 | 1.13E+00 | 3.54E+02 | 0.18   |
| 67641   | Acetone                                   | 2.57E-01 | 2.06E+00 | 6.41E+02 | 0.32   |
| 7429905 | Aluminum                                  | 1.55E-05 | 1.24E-04 | 3.87E-02 | 0.00   |
| 7440393 | Barium                                    | 3.42E-05 | 2.74E-04 | 8.54E-02 | 0.00   |
| 7440484 | Cobalt                                    | 1.42E-08 | 1.14E-07 | 3.55E-05 | 0.00   |
| 7440508 | Copper                                    | 7.11E-09 | 5.69E-08 | 1.77E-05 | 0.00   |
| 7439921 | Lead                                      | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00   |
| 7440020 | Nickel                                    | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00   |
| 7782492 | Selenium                                  | 3.55E-09 | 2.84E-08 | 8.87E-06 | 0.00   |
| 7440666 | Zinc                                      | 1.09E-05 | 8.73E-05 | 2.72E-02 | 0.00   |
| 98566   | PCBTF                                     | 1.05E+01 | 1.05E+01 | 3.83E+03 | 1.92   |
| 71432   | Benzene                                   | 7.45E-07 | 5.96E-06 | 1.55E-03 | 0.00   |
| 95501   | Dichlorobenzene                           | 4.26E-07 | 3.40E-06 | 8.85E-04 | 0.00   |
| 50000   | Formaldehyde                              | 2.66E-05 | 2.13E-04 | 5.53E-02 | 0.00   |
| 110543  | Hexane                                    | 6.38E-04 | 5.11E-03 | 1.33E+00 | 0.00   |
| 91203   | Naphthalene                               | 2.16E-07 | 1.73E-06 | 4.50E-04 | 0.00   |
|         | NOx                                       | 3.33E-02 | 8.00E-01 | 2.92E+02 | 0.15   |
|         | CO                                        | 1.42E-02 | 3.40E-01 | 1.24E+02 | 0.06   |
|         | SOx                                       | 2.13E-04 | 5.11E-03 | 1.86E+00 | 0.00   |
|         | TOG                                       | 1.42E+00 | 1.13E+01 | 3.71E+03 | 1.86   |
|         | VOC (ROG)                                 | 1.23E+00 | 9.90E+00 | 3.09E+03 | 1.54   |
|         | TSP                                       | 6.07E-05 | 4.85E-04 | 1.51E-01 | 0.00   |
|         | PM10                                      | 2.76E-03 | 5.59E-03 | 2.38E+01 | 0.01   |

San Diego Air Pollution Control District  
Supplemental Application Information  
Rule 1200 Toxics Evaluation

(ALL REQUESTED INFORMATION IS IMPORTANT - PLEASE FILL BLUE CELLS)

Facility Name:

Adams Auro Repair

Equipment Location:

4961 University Ave. San Diego CA 92105

Project Description:

Spray Booth for Autobody Shop

Control Equipment:

None

Operating Schedule:

Hours per Day:

24

Days per Week:

7

Weeks per Year:

52

Days per Year:

365

RELEASE POINT DATA

How are the emissions from this project released into the outdoor air? (Check all that apply)

| Point Source                                              | Non-Point Source                                                                                                                                                |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Exhaust Stack or Duct | <input type="checkbox"/> Passive Ventilation <input type="checkbox"/> Released through windows and/or roll-up doors <input type="checkbox"/> Fugitive Emissions |

Point Source

| Parameter                                     | Point Source #1 | Point Source #2 | Point Source #3 |
|-----------------------------------------------|-----------------|-----------------|-----------------|
| Height of release above ground (ft)           | 25.0            |                 |                 |
| Stack Diameter (or length x width) (ft)       | 2.50            |                 |                 |
| Exhaust Gas Temperature (°F) <sup>1</sup>     | Ambient         |                 |                 |
| Exhaust Gas Flow (ACFM)                       | 13460           |                 |                 |
| Direction of Flow <sup>2</sup>                | vertical (up)▼  | ▼               | ▼               |
| Flow Obstruction <sup>3</sup>                 | flapper valve▼  | ▼               | ▼               |
| Distance to Nearest Property Line ( +/- 10ft) | 20              |                 |                 |

<sup>1</sup> Use “70 °F” or “Ambient” if unknown

<sup>2</sup> if "other" describe:

<sup>3</sup> if "other" describe:

Non-Point Source

Describe each non-point source:

| Parameter                                     | Non-Point Source #1 | Non-Point Source #2 | Non-Point Source #3 |
|-----------------------------------------------|---------------------|---------------------|---------------------|
| Length (ft)                                   |                     |                     |                     |
| Width (ft)                                    |                     |                     |                     |
| Height of release above ground (ft)           |                     |                     |                     |
| Distance to Nearest Property Line ( +/- 10ft) |                     |                     |                     |

**AERIAL MAP AND FACILITY PLOT PLAN** must be attached and labeled with **Release Point(s) and Building(s)** (includes facility and neighboring buildings within 5x the release height of a point source(s)).

| Parameter                         | Building A                | Building B                | Building C |
|-----------------------------------|---------------------------|---------------------------|------------|
| Point Source(s)                   | Point Source #1▼          | Point Source #1▼          | ▼          |
| Point Source Location             | Adjacent to the building▼ | Adjacent to the building▼ | ▼          |
| Building Length (ft) (optional)   |                           |                           |            |
| Building Width (ft) (optional)    |                           |                           |            |
| Building Height above ground (ft) |                           |                           |            |

San Diego APCD Use Only

Additional Rule 1200 Submittal Information

|                   |  |                        |  |
|-------------------|--|------------------------|--|
| Submittal Date:   |  | Site ID:               |  |
| Project Engineer: |  | Appl. Number(s):       |  |
| Fees Collected:   |  | PTO No. (if existing): |  |

HARP2 - HRACalc (dated 22118) 5/21/2026 8:46:17 AM - Output Log

GLCs loaded successfully  
Pollutants loaded successfully  
Pathway receptors loaded successfully  
\*\*\*\*\*

#### RISK SCENARIO SETTINGS

Receptor Type: Resident  
Scenario: All  
Calculation Method: Derived

\*\*\*\*\*  
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25  
Total Exposure Duration: 30

Exposure Duration Bin Distribution  
3rd Trimester Bin: 0.25  
0<2 Years Bin: 2  
2<9 Years Bin: 0  
2<16 Years Bin: 14  
16<30 Years Bin: 14  
16 to 70 Years Bin: 0

\*\*\*\*\*  
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True  
Soil: True  
Dermal: True  
Mother's milk: True  
Water: False  
Fish: False  
Homegrown crops: False  
Beef: False  
Dairy: False  
Pig: False  
Chicken: False  
Egg: False

\*\*\*\*\*  
INHALATION

Daily breathing rate: RMP



**\*\*Worker Adjustment Factors\*\***

Worker adjustment factors enabled: NO

**\*\*Fraction at time at home\*\***

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

\*\*\*\*\*

**SOIL & DERMAL PATHWAY SETTINGS**

Deposition rate (m/s): 0.02

Soil mixing depth (m): 0.01

Dermal climate: Warm

\*\*\*\*\*

**TIER 2 SETTINGS**

Tier2 not used.

\*\*\*\*\*

**Calculating cancer risk**

Cancer risk breakdown by pollutant and receptor saved to: D:\8977\_Adams Auto  
Repair\8977\_HARP\hra\resident\_CancerRisk.csv

Cancer risk total by receptor saved to: D:\8977\_Adams Auto

Repair\8977\_HARP\hra\resident\_CancerRiskSumByRec.csv

**Calculating chronic risk**

Chronic risk breakdown by pollutant and receptor saved to: D:\8977\_Adams Auto  
Repair\8977\_HARP\hra\resident\_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\8977\_Adams Auto

Repair\8977\_HARP\hra\resident\_NCChronicRiskSumByRec.csv

**Calculating acute risk**

Acute risk breakdown by pollutant and receptor saved to: D:\8977\_Adams Auto  
Repair\8977\_HARP\hra\resident\_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\8977\_Adams Auto

Repair\8977\_HARP\hra\resident\_NCAcuteRiskSumByRec.csv

HRA ran successfully

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* POINT SOURCE DATA \*\*\*

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | STACK HEIGHT (METERS) | STACK TEMP. (DEG.K) | STACK EXIT VEL. (M/SEC) | STACK DIAMETER (METERS) | BLDG EXISTS | URBAN SOURCE | CAP/ HOR | EMIS RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-----------------------|---------------------|-------------------------|-------------------------|-------------|--------------|----------|--------------------------|
| STCK1     | 0                  | 0.10000E+01               | 491784.6   | 3623485.1  | 104.0               | 7.62                  | -0.00               | 13.93                   | 0.76                    | YES         | YES          | NO       |                          |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

- \*\* Model Options Selected:
- \* Model Uses Regulatory DEFAULT Options
  - \* Model Is Setup For Calculation of Average CONCentration Values.
  - \* NO GAS DEPOSITION Data Provided.
  - \* NO PARTICLE DEPOSITION Data Provided.
  - \* Model Uses NO DRY DEPLETION. DDPLETE = F
  - \* Model Uses NO WET DEPLETION. WETDPLT = F
  - \* Stack-tip Downwash.
  - \* Model Accounts for ELEVated Terrain Effects.
  - \* Use Calms Processing Routine.
  - \* Use Missing Data Processing Routine.
  - \* No Exponential Decay.
  - \* Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 1400000.0 ; Urban Roughness Length = 1.000 m

\* Urban Roughness Length of 1.0 Meter Used.

\* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

\* CCVR\_Sub - Meteorological data includes CCVR substitutions

\* TEMP\_Sub - Meteorological data includes TEMP substitutions

\* NOTURBST - Meteorological data Ignore turbulence - stable hours

\* Model Assumes No FLAGPOLE Receptor Heights.

\* The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 30418 Receptor(s)

with: 1 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)  
and: 0 SWPOINT source(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 24142

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours



```
**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =      9.00 ; Decay Coef. =      0.000      ; Rot. Angle =      0.0
                  Emission Units = GRAMS/SEC                  ; Emission Rate Unit Factor =  0.10000E+07
                  Output Units   = MICROGRAMS/M**3
```

**\*\*Approximate Storage Requirements of Model = 6.9 MB of RAM.**

```
**Input Runstream File:      aermod.inp
```

```
**Output Print File:      aermod.out
```

\*\*Detailed Error/Message File: 8977\_Adams\_Auto.err

```
**File for Summary of Results: 8977_Adams_Auto.sum
```

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```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES \*\*\*  
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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\*\*\* MODELOPTs:     RegDEFAULT   CONC   ELEV   URBAN   ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file:    C:\Users\breeve\OneDrive - County of San Diego\Meteorology Documents\AERMET File   Met Version:   24142  
Profile file:    C:\Users\breeve\OneDrive - County of San Diego\Meteorology Documents\AERMET File  
Surface format: FREE  
Profile format: FREE  
Surface station no.:    23188                           Upper air station no.:    3190  
                  Name: SAN\_DIEGO/LINDBERGH\_FIELD                           Name: UNKNOWN  
                  Year:   2019                                               Year:   2019

First 24 hours of scalar data

| YR | MO | DY | JDY | HR | H0    | U*    | W*     | DT/DZ  | ZICNV | ZIMCH | M-O    | LEN  | Z0   | BOWEN | ALBEDO | REF  | WS   | WD    | HT  | REF | TA | HT |
|----|----|----|-----|----|-------|-------|--------|--------|-------|-------|--------|------|------|-------|--------|------|------|-------|-----|-----|----|----|
| 19 | 01 | 01 | 1   | 01 | -4.9  | 0.092 | -9.000 | -9.000 | -999. | 67.   | 14.3   | 0.04 | 0.56 | 1.00  | 1.40   | 356. | 10.0 | 282.5 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 02 | -6.0  | 0.101 | -9.000 | -9.000 | -999. | 77.   | 15.7   | 0.04 | 0.56 | 1.00  | 1.55   | 336. | 10.0 | 281.4 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 03 | -12.2 | 0.146 | -9.000 | -9.000 | -999. | 134.  | 23.5   | 0.04 | 0.56 | 1.00  | 2.18   | 357. | 10.0 | 281.4 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 04 | -18.4 | 0.183 | -9.000 | -9.000 | -999. | 188.  | 36.8   | 0.05 | 0.56 | 1.00  | 2.64   | 26.  | 10.0 | 281.4 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 05 | -18.6 | 0.184 | -9.000 | -9.000 | -999. | 189.  | 37.1   | 0.05 | 0.56 | 1.00  | 2.64   | 31.  | 10.0 | 280.9 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 06 | -19.8 | 0.196 | -9.000 | -9.000 | -999. | 209.  | 42.4   | 0.05 | 0.56 | 1.00  | 2.81   | 40.  | 10.0 | 282.0 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 07 | -24.8 | 0.244 | -9.000 | -9.000 | -999. | 289.  | 65.5   | 0.05 | 0.56 | 1.00  | 3.47   | 26.  | 10.0 | 280.3 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 08 | -13.3 | 0.241 | -9.000 | -9.000 | -999. | 284.  | 95.5   | 0.05 | 0.56 | 0.49  | 3.39   | 18.  | 10.0 | 281.4 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 09 | 28.7  | 0.255 | 0.486  | 0.005  | 145.  | 309.  | -52.4  | 0.05 | 0.56 | 0.29  | 3.15   | 24.  | 10.0 | 284.2 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 10 | 63.8  | 0.292 | 0.745  | 0.005  | 236.  | 379.  | -35.5  | 0.05 | 0.56 | 0.22  | 3.52   | 28.  | 10.0 | 285.9 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 11 | 87.7  | 0.290 | 1.135  | 0.005  | 606.  | 375.  | -25.3  | 0.05 | 0.56 | 0.20  | 3.41   | 26.  | 10.0 | 287.0 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 12 | 99.3  | 0.339 | 1.313  | 0.005  | 827.  | 474.  | -35.7  | 0.05 | 0.56 | 0.19  | 4.07   | 45.  | 10.0 | 288.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 13 | 93.9  | 0.516 | 1.334  | 0.005  | 918.  | 890.  | -133.1 | 0.05 | 0.56 | 0.19  | 6.63   | 39.  | 10.0 | 288.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 14 | 79.1  | 0.598 | 1.291  | 0.005  | 988.  | 1108. | -244.9 | 0.05 | 0.56 | 0.20  | 7.81   | 34.  | 10.0 | 288.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 15 | 52.0  | 0.498 | 1.138  | 0.005  | 1031. | 855.  | -216.3 | 0.05 | 0.56 | 0.23  | 6.52   | 28.  | 10.0 | 288.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 16 | 14.5  | 0.438 | 0.747  | 0.005  | 1042. | 699.  | -524.4 | 0.05 | 0.56 | 0.32  | 5.79   | 41.  | 10.0 | 288.1 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 17 | -30.2 | 0.339 | -9.000 | -9.000 | -999. | 481.  | 126.6  | 0.05 | 0.56 | 0.59  | 4.73   | 30.  | 10.0 | 286.4 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 18 | -16.7 | 0.173 | -9.000 | -9.000 | -999. | 196.  | 33.1   | 0.05 | 0.56 | 1.00  | 2.50   | 57.  | 10.0 | 285.9 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 19 | -22.0 | 0.219 | -9.000 | -9.000 | -999. | 246.  | 52.9   | 0.05 | 0.56 | 1.00  | 3.12   | 58.  | 10.0 | 284.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 20 | -29.8 | 0.297 | -9.000 | -9.000 | -999. | 388.  | 96.9   | 0.05 | 0.56 | 1.00  | 4.17   | 48.  | 10.0 | 284.2 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 21 | -23.1 | 0.230 | -9.000 | -9.000 | -999. | 266.  | 58.2   | 0.05 | 0.56 | 1.00  | 3.24   | 61.  | 10.0 | 283.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 22 | -33.5 | 0.332 | -9.000 | -9.000 | -999. | 459.  | 121.4  | 0.05 | 0.56 | 1.00  | 4.61   | 61.  | 10.0 | 283.1 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 23 | -33.4 | 0.332 | -9.000 | -9.000 | -999. | 459.  | 121.4  | 0.05 | 0.56 | 1.00  | 4.61   | 68.  | 10.0 | 283.8 | 2.0 |     |    |    |
| 19 | 01 | 01 | 1   | 24 | -29.1 | 0.289 | -9.000 | -9.000 | -999. | 373.  | 91.7   | 0.05 | 0.56 | 1.00  | 4.03   | 71.  | 10.0 | 283.1 | 2.0 |     |    |    |

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB\_TMP sigmaA sigmaW sigmaV  
19 01 01 01 10.0 1 356. 1.40 282.6 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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\*\*\* AERMET - VERSION 24142 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 26304 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

| GROUP ID |                       | AVERAGE CONC  | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)       | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|---------------|----------------------------------------------|---------|-----------------|
| ALL      | 1ST HIGHEST VALUE IS  | 95.43553 AT ( | 491835.00, 3623464.00, 103.35, 103.35, 0.00) | DC      |                 |
|          | 2ND HIGHEST VALUE IS  | 95.27537 AT ( | 491835.00, 3623454.00, 103.04, 103.04, 0.00) | DC      |                 |
|          | 3RD HIGHEST VALUE IS  | 95.08515 AT ( | 491785.00, 3623524.00, 103.57, 103.57, 0.00) | DC      |                 |
|          | 4TH HIGHEST VALUE IS  | 93.74675 AT ( | 491825.00, 3623454.00, 103.09, 103.09, 0.00) | DC      |                 |
|          | 5TH HIGHEST VALUE IS  | 93.05354 AT ( | 491825.00, 3623464.00, 103.46, 103.46, 0.00) | DC      |                 |
|          | 6TH HIGHEST VALUE IS  | 92.66488 AT ( | 491785.00, 3623514.00, 103.57, 103.57, 0.00) | DC      |                 |
|          | 7TH HIGHEST VALUE IS  | 90.06917 AT ( | 491845.00, 3623454.00, 102.74, 102.74, 0.00) | DC      |                 |
|          | 8TH HIGHEST VALUE IS  | 88.02567 AT ( | 491845.00, 3623464.00, 102.96, 102.96, 0.00) | DC      |                 |
|          | 9TH HIGHEST VALUE IS  | 87.94354 AT ( | 491835.00, 3623444.00, 102.46, 102.46, 0.00) | DC      |                 |
|          | 10TH HIGHEST VALUE IS | 86.36660 AT ( | 491815.00, 3623454.00, 103.17, 103.17, 0.00) | DC      |                 |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

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\*\*\* AERMET - VERSION 24142 \*\*\*

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\*\*\* 15:59:41

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

| GROUP ID | AVERAGE CONC | DATE<br>(YYMMDDHH) | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)                                    | OF TYPE | NETWORK<br>GRID-ID |
|----------|--------------|--------------------|---------------------------------------------------------------------------|---------|--------------------|
| ALL      | HIGH         | 1ST HIGH VALUE IS  | 1504.91492 ON 20121402: AT ( 491775.00, 3623474.00, 104.06, 104.06, 0.00) | DC      |                    |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* D:\Modeling Projects\8977\_Adams\_Auto\8977\_Adams\_Auto.isc \*\*\* 05/07/26

\*\*\* AERMET - VERSION 24142 \*\*\* \*\*\* 15:59:41

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 683 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 249 Calm Hours Identified

A Total of 433 Missing Hours Identified ( 1.65 Percent)



\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 101 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 101 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET



**Aerial Map and Facility Plot Plan:**

1. Provide a copy of an **aerial map** showing the location of your facility, property lines (including any applicable contiguous property lines), and nearest business, resident, and school locations.

2. Provide a **facility plot plan / site plan** showing the location of release point(s) labeled with correlating Point Source #s, Non-Point Source #s, and corresponding buildings within 5x the release height of a point source(s).

[Note: Other map formats like .jpeg and .pdf will also be acceptable.](#)





## Galvez, Maria

---

**From:** Horres, Nicholas  
**Sent:** Wednesday, May 13, 2026 7:43 AM  
**To:** Galvez, Maria  
**Cc:** Jaime, Liliana  
**Subject:** FW: HRA/Modeling Request - 8977 - Adams Auto Repair  
**Attachments:** APP008977-Release Parameters Rule 1200.xlsx; APP008977\_Emissions.xlsx

Hi Maria,

Assigning this one to you. Thanks,

Nick

---

**From:** Reeve, Bill <Bill.Reeve@sdapcd.org>  
**Sent:** Thursday, May 7, 2026 4:12 PM  
**To:** Amberg, Stephen <Stephen.Amberg@sdapcd.org>; Bernabe, Andrew <Andrew.Bernabe@sdapcd.org>; Canter, Adam <Adam.Canter@sdapcd.org>; DiFulvio, Jaime <Jaime.DiFulvio@sdapcd.org>; Galvez, Maria <Maria.Galvez@sdapcd.org>; Horres, Nicholas <Nicholas.Horres@sdapcd.org>; Nguyen, Tony <Tony.Nguyen2@sdapcd.org>; Ossowski, Peter <Peter.Ossowski@sdapcd.org>; Wong, Benjamin <Benjamin.Wong@sdapcd.org>  
**Cc:** Jaime, Liliana <Liliana.Jaime@sdapcd.org>  
**Subject:** FW: HRA/Modeling Request - 8977 - Adams Auto Repair

I have completed the modeling for Adams Auto Repair. The modeling zip file is in the folder

 [8977\\_Adams Auto Repair](#)

Thank you,  
Bill

Bill Reeve  
Associate Meteorologist  
San Diego County Air Pollution Control District  
[Bill.Reeve@sdapcd.org](mailto:Bill.Reeve@sdapcd.org)  
O 858-586-2773 M 858-945-3732  
<http://www.sdapcd.org>  
10124 Old Grove Rd, San Diego CA, 92131

---

**From:** Jaime, Liliana <[Liliana.Jaime@sdapcd.org](mailto:Liliana.Jaime@sdapcd.org)>  
**Sent:** Friday, April 24, 2026 2:42 PM  
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**Subject:** HRA/Modeling Request - 8977 - Adams Auto Repair

Hi Bill/Tony

Here is a Modeling/HRA request. This is for a Spray Booth. It will be modeled as a point source. See plot plan on Rule 1200 Release Parameters.

Please post modelling results in:  [8977\\_Adams Auto Repair](#). All relevant files in the folder as well.

Let me know if you have any questions.



San Diego County  
**Air Pollution  
Control District**

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