Note: This material is related to a section in *AP42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources.* AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the file number, the AP42 chapter and then the section. The file name "rel01_c01s02.pdf" would mean the file relates to AP42 chapter 1 section 2. The document may be out of date and related to a previous version of the section. The document has been saved for archival and historical purposes. The primary source should always be checked. If current related information is available, it will be posted on the AP42 webpage with the current version of the section.

AP42 Section:	4.12, draft 1997
Related:	13
Title:	PES review of RMA emission factors, December 1998

PACIFIC ENVIRONMENTAL SERVICES, INC.

Celebrating the Test of Time 25 1971-1996

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December 31, 1998
P:\I525

Mr. Ronald Ryan
Emissions Monitoring and Analysis Division (MD-14)
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711

Re: Contract No. 68D70069, WA No. 2-05

Dear Mr. Ryan:

This letter serves as the final report for the referenced work assignment. The purpose of this letter is to summarize the results of our review of the draft AP-42 section on Rubber Manufacturing submitted to EPA by the Rubber Manufacturers Association (RMA). This work was completed under Contract No. 68D70069, WA Nos. 1-10 and 2-05. This summary refers to five tables. The first three tables summarize emissions from three reported rubber production processes; Platen Press, Grinding, and Milling, respectively. Each table traces emission factors developed from air test data (Volume 2) and the emission factor summary (Volume 4) of the TRC Environmental Corporation (TRC)'s report that was prepared for RMA, and finally to the draft AP-42 section proposed by RMA. These tables accompany this memorandum.

Table 4 presents various summary statistics relevant to the consistency of emission factors within each of the three processes. A review of these statistical data reveals a number of inconsistent numerical transfers or data modifications from among the various data summaries. Additionally, the number of emission factors matching air-test results that are reported above detection limits represent a small number of the total emission factor population.

Table 5 consolidates information related to testing conditions as discussed in the RMA documentation. It presents details related to the testing that was conducted to support RMA's recommended emission factors. Table 5 also accompanies this memorandum. Finally, there is short discussion of issues related to the test results.

Table 4
Data Consistency of Reported Emissions

Data Observations	Milling	Grinding	Platen Press
Emission factor values reported consistently in each table. (eg.,Vol. 2 > Detection, = Vol.4, and =AP-42)	39 of 544	69 of 423	187 of 1547
Emission factor values not reported consistently in each table. (eg.,Vol. 2 > Detection, ≠ Vol.4, **or** ≠ AP-42)	174 of 544	194 of 423	29 of 1547
Non-quantified emission air test data reported, but Emission factor value reported as zero, (e.g., test results indicated the presence of the compound but at concentration < minimum detection limit).	151 of 544	120 of 423	1,216 of 1,547
Non-quantified emission air test data reported, but Emission factor value reported as positive, (e.g., test results indicated the presence of the compound but at concentration < minimum detection limit).	28 of 544	5 of 423	30 of 1,547

Table 5 was developed to provide additional information that is pertinent to an evaluation of the quality of the test data that was used to develop the recommendations for the AP-42 section. It summarizes information related to air testing conditions as they are described in the RMA Report. Some of the issues that could influence emissions when applied to full scale manufacturing operation are listed below:

- The size of equipment used to generate the emissions (product development procedures using lab equipment are often required to be modified when transferred to full-scale production equipment).

- The number of different pieces of the same type of production equipment used to quantify emissions (relates to confidence level in the emission factor; there is normally a higher confidence in an emission factor when more air tests on identical or similar equipment are performed).

- The number of different facilities where an air test of the same process is conducted to determine emissions (in general, the more facilities tested, the higher the confidence level in the emission factor).

- The size of each sample tested relative to production scale processes, (as it relates to emissions generated and collected).

- The range of individual test values relative to the average emission factor reported.

- The number of sample runs used to quantify the emissions.

- Is the rubber compound that was tested similar in composition to the reader's compound (or interpolated from results of other formulations used during air testing).

- And finally, are the operating conditions at the application facility close to those used during the emission air tests (e.g., temperature, pressure, etc.).

A comparison of information found in Table 5 to that of actual plant production operations should be made by the potential emission factor user. Only then can a determination be made that the use of RMA's emission factors is valid for a specific rubber manufacturing operation.

In addition to the tables discussed above, there are several issues related to the test results that may cause confusion when attempting to follow the progression of the data from test results to recommended emission factors. These issues can raise concern about the validity of recommended emission factors. Examples of these issues are listed below:

- The documentation does not provide information that can be used to link emission factors found in Volume 2 back to the original data collected during the testing. Without additional information other than the RMA's submittal to EPA, a review of the air test procedures and evaluation of the quality of reported results will not be possible.

- In Volume 2, if a particular target or tentatively identified compound was not detected, the detection limit was provided. This method of reporting where the total with non-detects provides an upper bound on the maximum total concentration of any pollutant will overstate emissions.

- The RMA draft AP-42 document lists emission factors for 23 separate organic rubber formulations. The test procedure only quantified all 23 formulations from one of the seven specific processes (Internal Mixers) involved in rubber manufacturing. An average of approximately seven of the 23 formulations were tested per process. Emissions for many of the rubber formulations from the untested rubber formulations were estimated by applying ratios to the results of those formulations that were tested.

- There are several conflicting narratives describing the test methods used.

- Process descriptions are vague and, in many cases, lack the details that would permit a

reasonable review of testing methodology.

- Emission categories are different as the information is transferred from air test results to the summary. This increases the difficulty when tracking emission factors:

    1. Volume 2 lists emissions as: total VOCs, speciated semi-volatile, and speciated total volatile.

    2. Volume 4 lists emissions as: total VOCs, total speciated volatile, total organic HAPS, and individual HAPs.

Please contact me if you would like to discuss this report or any aspect of the assignment.

Sincerely,

PACIFIC ENVIRONMENTAL SERVICES, INC.

Paul Grable
Project Manager

Enclosure

cc: Christopher Baker, EPA Contracting Officer
Kathy Weant, EPA Project Officer (MD-14)
PES Correspondence File
PES Project File

MEMORANDUM

TO: Mr. Ronald Ryan - U.S. EPA
FROM: Mark Saeger - PES

DATE: September 30, 1998
P:\I510\peswork\memo\98sumry.wpd

REFERENCE: Work Assignment Number 1-10 Dated August 4, 1998, Rubber Manufacturing.

SUBJECT: Work Completed Prior to September 30, 1998 and a Recommended Schedule for Remaining Task Assignments from the Work Assignment

PES was assigned the tasks to develop procedures for conducting quality assurance of emission factors and source documents, identify process information to be moved from the draft background document into the draft of AP-42 section, and to provide a summary of progress with recommendations and a plan/schedule for additional work after October 1, 1998. This memorandum discusses the progress made and work accomplished as directed by the WAM.

A part of the quality assurance process required a review of all comments received by the EPA WAM regarding the draft rubber manufacturing section. Such a memorandum discussing this activity has been completed and is identified as Attachment 1 of this document. These comments are being used during the QA review to compare the emission factor tables in the AP-42 draft section to TRC's 1995 detailed data tables.

PES has studied the emission factor development logic as stated in the TRC Report. In that report, there is a description of the calculation scheme used to summarize detailed data into emission factors. Specifically, the tables were reviewed to insure that the calculation scheme used is technically sound and accurate. PES randomly picked 26 individual emission factors and followed the numbers back to the raw data. Thirteen of the 26 emission factors followed the logic described by TRC. PES has not found a consistent rational that will explain the difference found between the remainder. Of the 13 emission factors that did not follow the TRC logic, some emission factors appear to be overstated and some understated. The results of the QA efforts on 26 randomly chosen emission factors are shown in Attachment 2.

A second quality assurance effort involved tracing the development of a speciated compound through a complete process step. PES randomly chose to follow the speciated emission factor for toluene generated from the rubber compound number 22 through the manufacturing process. Attachment 3 contains a summary table of toluene emission contributions for each of nine reported manufacturing steps that could be verified. Two additional reported values are the result of interpolation and have not been verified.

Additional supporting tables in Attachment 3 identify the source of information referanced by RMA and the calculated mean value, if applicable. Four of the reported speciated emission factors agreed with PES' information. In the case of internal mixing and milling, the median, instead of the mean, was reported as the speciated emission factor, resulting in an understatement of the emission factor by a factor of ten. Of the remaining four speciated emission factors, two are reported as larger and two are smaller that the numbers collected from the TRC laboratory data tables. Additional investigation will be required to resolve these apparent descripancies.

In an effort to outline and format an updated draft of the draft AP-42 section by listing information to be moved from Background document to the section, PES found that almost all of the process information from the draft background document was incorporated into the draft AP-42 section on Rubber Manufacturing. It appears that any additional process information needed to be incorporated into the draft AP-42 section will need be added to the background document from additional sources.

During the review of the background document for process information, PES found that information about testing conditions and test information was intermingled with process information. The two types of information (ie., testing and process information) were separated. Attachment 4 represents testing information in tabular form reported for each process step. This table allows the reader to view the level of effort made during the development of emission factors (ie., number of samples tested, test methods used, etc.), the type of equipment used to produce the emissions, and conditions under which the data were collected.

Attachment 4, along with TRC's Volumes 1 and 3 have been reviewed from the standpoint of testing protocol and conclusions. This review has raised some questions related to those subjects, whose resolution could improve the perceived value of the reported data. A discussion by RMA on the use of the reported emission factors is included in the draft AP-42 section. In the discussion, the user is advised to compare his or her operation and rubber compounds used to determine the selection of emissions reported. An expanded process description and a more thorough understanding of testing may improve that selection process. A series of questions is being assembled to high light the areas of uncertainty and potential concerns by those who may use the draft AP-42 section to report emissions.

The following list consists of recommended improvements that could be supported through future task assignments:

1. TRC reviewed the air tests and assembled a four volume report that summarized the results. That report was further condensed into emission factor tables used in the draft version of AP-42 Section 4.12. PES has been unable to find a cross-reference of air test report identification with reported test results. After such a cross-reference list is provided, a review of both the quality of the air pollution

tests and a comparison of information from the reported testing results can be verified with the individual air pollution tests that are stored in New England.

2. The background document could be enhanced with additional source material. Then appropriate improvements made could be included in the draft AP-42 document.

3. Working with RMA, establish the logic used by TRC and RMA to develop the listed emission factors.

4. Improve the draft AP-42 section to allow a user to better compare his or her plant operating processes with those processes used to establish the emission factors.

5. Provide an explanation of the interpolation procedure that RMA developed with additional clarifications and examples provided.

ATTACHMENT 1

Summary of Letters and Memos To Ron Ryan (EPA) from RMA:
(All letters, emails, and memos are to Ron Ryan, EPA, unless otherwise noted.)

- July 5, 1994; letter to Dale Louda from Ron Ryan.
  Enclosed is the draft AP-42 section and background document for Rubber Tire Manufacturing. This draft was prepared in early 1978 but was never finalized. We will be happy to work with the tire manufacturers and other rubber processors to develop one or more updated AP-42 sections.

- June 6, 1995; letter from Dale Louda (RMA).
  Letter precedes June 12 meeting. Went over questions ahead of time to save time at the meeting (i.e., If the format and content of our proposal is not acceptable, what revisions are necessary?, or If the substantiating data is not adequate, what additional data is necessary?). Also included, Suggested Agenda for meeting and proposed section 6.X Rubber Products.

- June 27, 1995; fax from Dave Salman.
  FYI: The RMA has supplied information on the AP-42 proposal to Enforcement for use in an inspectors training manual.

- August 1, 1995; Letter to Dale Louda from Ron Ryan.
  Outline of comments.
  1. Using a revision of the old section or material from Sections 2.1 and 2.2 of Volume I of the final report as an introduction to the industry and a process description would be helpful. Describe the equipment used in each operation.
  2. The third paragraph of the Process Description in the draft submitted should continue with some discussion of how emissions for the solvents, adhesives, and mold release agents are calculated. Mention the potential for a small amount of overlap, or double-counting of emissions from the downstream processes, where solvents are present.
  3. Can you report the emission factors in lbs/1000lbs or lbs/million lbs of rubber, rather than lbs/lb rubber? It would be best to choose units that will keep all of the exponents as negative numbers to avoid typos or misreads.
  4. All tables and text will need to be in electronic format, for distribution and storage.
  5. The handwritten pages for autoclaves would be useful in the section, under Emissions and Controls. Any derivation details should be shown in the Background Report.
  6. Are all the bottom line results from the handwritten pages on Interpolation Factors already reflected in the footnotes to the tables? If so, the handwritten

pages should be part of the Background Report, to show the derivation of the interpolation factors.

7. Does the handwritten discussion on Non-productive/Productive mixing need to be shown somewhere in the section, along with a short description of what those terms mean?

8. Item 7 under 6.X.3 should be clarified to stress that the non-detect individual HAPs were assumed to be present at the detection levels FOR PURPOSES OF CREATING THE HAP SUMS.

9. To help orient readers to the main areas of concern and away from some of the insignificant sources, can you incorporate a couple of John Finn's overheads from his presentation here at RTP or maybe Table 1-1 form Volume 1 of the Final Report?

- September 22, 1995; letter to Mr. Louda, from Bob Betterton, Manager of the South Carolina Dept. Of Health and Environmental Control.

  Bob Betterton stated that his office had reviewed the AP-42 Rubber Manufacturing Chapter and they had no recommendations for change to the chapter. (It is noted that several staff within the air permitting program with experience in the field were reviewers.)

- November 14, 1996; letter to Ron from RMA, Dale Louda.

  Enclosed are the revised versions of AP-42 submittal. Please direct ?s to Kim Weber at the RMA on 202.682.4835.

  [Personal notes: 2 ways to get a zero: 1)never found, 2)multiple runs-all three below detect. Next step is comments, not publishing. Nancy at Goodyear is committee chairperson. Mike Davidson @ Illinois EPA called 12-9-96; increased CS2 emissions by 7 fold. Mixer particle # was wrong-forgot to convert grains. Extruder data based on extrapolation of...]

- February 26, 1997; email from Ron Ryan to Ron29@ix.netcom.com.

  attached files are WP6 files of all the text received from RMA. The file names seem to put the total document together in order; but, the section numbering is dyslexic from the file names. Ron Ryan created a file, "VOL1.2a" which has some potentially useful material which appears to follow "VOL 1.2". RMA submittals are still not out for general distribution.

- March 21, 1997; note to file, re: RMA conference call.

  Purpose of call: straighten out RMA's submittals for the RMA draft AP-42 section in order to get the material out for review. Straighten out page numbering/section numbering/file naming confusion, drop the references to "means and maximas" in section 2.5. TRC is maintaining 13 file cabinets of reports. 4-volume summary report was delivered. The material should not be distributed outside of EPA or state agencies, because only some of their companies paid for or contributed to the study. Actions: Ron to edit and put on

BBS. Call Alva for list of state contacts to alert, along with RMA when it goes on BBS.

Notes: 2-25-97 sent text and extruder files to Ron29@ix.netcom.com.

4-16-97 sent email of text and tire curing, autoclave, platan press to Laura Taylor@GA DNR.

6-10-97 sent email of Text and 4 mixer files to Darren Machuga @ Ohio EPA.

6-18-97 sent email of all tables and text to Owen Mancarella @ Florida DEP and to Brent Luebbe @ NEB DEQ.

- May 27, 1997; fax from Tracey Norberg.

  "You can expect an official letter from the RMA expressing concern over the AP-42 application time table." Attached were state meetings, including date, attendees, and contacts.

- December 15, 1997; email from Tony Wayne.

  Okaying a letter to RMA. ESD will use this info. for MACT evaluation as some of the best info. we have pending the gathering of better info.. For our process the info. is primarily used for facility applicability and potential MACT floor impacts. They have visited facilities reviewing the tire manufacturing processes as to be more knowledgeable on the subject. He states that they have worked with RMA to understand the development of the factors, their creation; as well as the conservativeness of the #s. The latter is based on the fact that emission factors representing processes downstream of those operations that include cementing or solvent use will include the HAPs associated with the solvent or cement. The industry has conceded that facilities that use the emission factors will no doubt count additional HAPs. Inventories appear to conclude that all solvents used (either in finishing or cementing) at a facility are represented as a 100 percent emission. They are not represented separately in the Emission Factor submittal because each facility uses a different cement formulation or different set of solvents that may or may not contain HAPs. Given the preliminary informal agreements and reviews by EMAD's EMC regarding the plans & collection of the information by RMA; quality assurance activities for review of RMA in our efforts to assess MACT: ESD has accepted these emission factors for use in our characterizations of the industry and deliberations on MACT.

- December 30, 1997; email from Ron Ryan to Dean Downs (VA.).

  Ron sent Dean a copy of the File: D04S12RD.TXT that was made available on EPA's internet site, written on December 17, 1997 ; and requested any comments, questions by Feb 28, 1998. Ron also requested any stack test results from facilities in his area that may be helpful.

- January 27, 1998; letter from Victoria Hsu (Texas Natural Resource Conservation Commission).

  "...response to US EPA 12/17/97 Internet posting of a proposed Sect. 12,

"Manufacture of Rubber Products", to be added to Chapter 4 of AP-42, and your solicitation of comments on the proposed section. The proposed section is based on info. supplied by the RMA who completed a study on emission factors for state industry in 1995. This State has only one tire manufacturing facility, and we do have a file on that source. We were able to apply RMA factors in a recent evaluation of that source, so we are generally supportive of the proposed section with the understanding that our experience with this type of source is limited. We found the RMA info especially helpful in clarifying related potential volatile organic compounds emissions. We do not have stack testing data to submit. Please provide comments on the proposed section..."

- February 23, 1998; email from Ron Ryan to Tracey at RMA.

  Someone had asked Ron to check on a repetition of emission factors (from one process to another). He finally checked on it and found no repeats. Mark Morter from Standard Products Co-Chrysler Products Div. says that the values given in the material on the web site for HOT AIR OVENS processing COMPOUND #6 are not correct. He says the values given in that current draft for HOT AIR OVENS are actually copied over erroneously from the values for EXTRUDERS. He says that the real values for HOT AIR OVENS should be much higher, and that he saw the actual values in an electronic version of the material sent to him by RMA in Sept. 1996. Tracey says that he checked a few and didn't see any duplicates.

- February 24, 1998; personal notes of ??

  "I checked well past total VOCs for #6,#8, hot air, extruder, extruder old file, new file (same), also compared extruder #6 to other curing gas. NOTHING MATCHES!"

- March 26, 1998; email from Jim Hadley.

  Summary of the April 24, 1998 email.

  April 1, 1998; email form T. Norberg (RMA).

  Stated that attached is a zip file containing RMA's comments on AP-42 section 4.12.

- March 26, 1998; email from Jim Hadley.

  Summary of comments on the AP-42 draft.

  -Emission Factors for mercury are missing and should be included due to mercury is emitted in significant quantities form the Lincoln, NE Goodyear hose and belt plant, according to their 1994 to 1996 public emission inventories.

  -Data on the chemical & physical form of emitted metal compounds should be included when available, in order to assess the toxicity. If such data is not available, a theoretical discussion (based on process chemistry and physics) of what metal species are likely to be emitted and the likely particulate size range for

the metal emission should be included.
-Measurements of metals emissions from rubber curing should have been made. There may be a possibility that volatile & highly toxic metal species (i.e., mercury or nickel sulfides) are released during curing operations. Any information or theoretical analyses should be included.
-Isocyanate emissions should be discussed in the draft section. They are emitted when polyurethanes are produced and they have been reported for the emission inventories for the Lincoln plant. Discussion of when isocyanate emission can be expected, or cress-references to AP-42 chapters on polyurethane-containing products production should be included.
-The method for handling non-detects in the calculation of the emission factors needs to be clarified and critically evaluated. The assumption that non-detects equal half the detection limit could greatly overestimate the emissions of compounds that are only emitted in small quantities. If such compounds are highly toxic, such and overestimation could make risk assessments inaccurate.
-The method for extrapolating or interpolating emission factors needs to be clarified.
-Information regarding the precision and accuracy of emission factors should be included in the tables.
-Data should appear in a spreadsheet, as well as Word Perfect tables.

- March 31, 1998; letter from Tracey Norberg.
  RMA provided comments to the AP-42, Section 4.12. The enclosed comments include 3 documents: 1) comments on the data tables from Section 4.12; 2) a redline/strike through version of the background document; and 3) a redline/strike through version of Section 4.12, the narrative portion of the AP-42. It appears that Ron crossed out a majority of the comments.

- April 6, 1998; memo from Christine Flass, Teknor Apex.
  Thanking Ron for his help with the Draft AP-42 Rubber Emissions Factors. Christine states that only certain sections apply to her company. They are 4.12 Introduction, 4.12.1 General Process Description, Table 4.12-4 Internal Mixing & Milling, Table 4.12-5 Milling, and Table 4.12-8 Platen Press Curing.
  Teknor Apex has two plants that manufacture rubber products. One is a "job shop" that conducts compounding per customers request. The rubber lines are not dedicated to any specific product lines. Compounding consists of:
  -banbury (internal mixer, T = 180-350 degr.),
  -drop mill (n/c cooling water, T < 260 degr.),
  -blender mill (n/c cooling water, T < 230 degr.),
  - sheeter mill (n/c cooling water, T < 230 degr.).
  Cooled rubber is either sold or pressed in platen presses into engineered products. The second is a larger facility that makes tire retread, but can also do "job shop" type compounding. Compounding consists of the same steps. Pressing consists

of tire retread platen presses.
Re: emission factors; As a job shop, they do not want to use the "worst case" emission factor--that would make their facility's emissions unrealistically high. They are now trying to set up record keeping to keep track of a number of rubber compounds. They would like an emission factor table on a spreadsheet that they could manipulate (i.e., to obtain averages).
She would like to see a better definition of mills. She notes that in Section 4 (Data Analysis) that it is not addressed how mills were tested.
Christine has trouble believing that VOC emissions from the third and fourth processing steps in a continuous process (blender mill & sheeter mill) will be equal, or in some cases greater than, the first and second process steps (banbury @ 330 deg. and drop mill @ 260 deg.). If there are any unique testing issues that could effect internal mixer/drop mill emissions vs. milling emissions, this should be addressed (i.e., raising temperature of rubber) as opposed to cooling mills the text should be clear about this!
She is content that a number of your (EPA) emission factor numbers correspond with their stack emissions.

- April 13, 1998; email from Tony Wayne. ESD is attempting to coordinate the process and technical description of the Rubber tire manufacturing industry b/w the write-ups in the "New" AP-42, NSPS Background information documents and the soon to be distributed PMACT for the Rubber Tire MACT. The description will go toward Section 3 of the BID for the MACT. Requested from Ron a current copy of what he gave for the AP-42 industry and process descriptions in the AP-42. He requested one so as to QA their information.

- April 15, 1998; email from Wally Sanford. He noted that he had reviewed some lengthy comments/corrections on or to the rubber tire manufacturing emission factors from the RMA. He's still working on the NESHAP (through EC/R), and will probably be soon called upon to revise the existing BID draft. He asked if Ron knew if, how or when the RMA corrections would be incorporated. He had noticed that some of the numbers had changed, and RMA was asking them to use the most current ones.
- April 24, 1998; email from Jim Hadley (Lincoln-Lancaster Co. Health Dept.).
  Re: Comments on Draft AP-42 Section 4.12 (Replaces summary of comments emailed to Ron Ryan on March 26, 1998.) [This letter is very extensive; I will note the main points.] Also a paper-copy of the WP6.1 document and a disk copy of the Lotus-123 Rel 5 file.
  1. Background. The development of emission factors for rubber products manufacturing has clearly required a formidable effort. The Goodyear Tire and Rubber Co. plant in Lincoln, NE has diligently used this information to provide

the Lincoln-Lancaster Co. Health Dept. with useful emission inventory reports. The comments below regard clarifying and expanding the information published in draft Section 4.12 in areas that are important for conducting risk analysis. Toxicity comparisons were conducted. (Please refer to letter for details of process.) The Texas Effects Screening Levels (ESL) were used for the toxicity weight. The Texas ESLs were compared to three other potential toxicity weighting scales to evaluate their appropriateness. The comparison scales were the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values for 8-hour time weighted average concentrations, the U.S. EPA's Sector Facility Indexing Project's Inhalation Toxicity Weights, and the U.S. EPA's Reference Concentrations for non-cancer efforts. Toxicity information was found at the following frequencies: for 7% of compounds none of the four sources had toxicity information; 13% had one source, 20% had two sources; 38% had three sources, and 22% had all four sources.

2. Substantive Comments.

Emission factors for mercury are not included in the 4.12. The Lincoln plant's emission inventory indicates that actual mercury emissions averaged 110lb/year from 1994-1997. Mercury should be discussed in detail in the AP-42.

Data on the chemical and physical form of emitted metal compounds should be included when available. This information is crucial for assessing the toxicity of metal emissions.

Evaluation or measurement of metals emissions from rubber curing should be included, due to the possibility that they may be emitted during curing.

Isocyanate emissions should be discussed in the draft section because they are emitted when polyurethanes are produced.

The method for handling non-detects in the calculation of the emission factors needs to be critically evaluated. The draft section indicates that:

> 4.12.4 Emission Factors (8) Target analytes detected in one or more runs were averaged with target analytes at less than detect at the detection limit divided by two.

The quoted method makes assumptions, regarding the "population distribution" of the concentrations for compounds emitted in small quantities, which may not be correct. An alternative approach would be to publish a range of possible emission factors. For the lower boundary, assume all non-detects = 0. For the upper boundary, assume non-detects = the detection limit, when target analytes were detected in one or more runs.

Publication of precision and accuracy information.

The method for interpolating emission factors needs to be clarified.

Placing tables into a spreadsheet form. (The Excel format {in disk form} of the tables was attached to this document).

Metal emissions from grinding were reported in Table 4.12-12, the following text from the draft appears inconsistent with Table 4.12-12:

> 4.12.4 Emission Factors (9) Metals were expected to be detected in the

PM emitted during rubber mixing but were not expected to be a significant emission in any other process. [...] Metal emissions were therefore considered to be insignificant in other processes.

- April 29, 1998; Letter from Tracey J. Norberg of RMA.
  Confirming a phone conversation re: the AP-42 comments filed by the RMA asking EPA to disregard the section of RMA comments on the extruder data table. The portion of comments was based upon review of an outdated section of the emission factors. The numbers contained in the extruder table in the draft AP-42 currently posted on the internet are correct and do not need to be revised.
  She will conduct QC on the data tables in Excel format and provide a copy.

memosum.wpd

ATTACHMENT 2

QA of Final RMA Emission Factors

Procedure Followed During Checks:

- Select and locate emission factor from the final RMA tables with emission factors and note,
- Compare that factor to the factor listed in RMA's HAP Emission Factor Summary tables in Volume 4,
- In Volume 2: Project Data RMA binder, locate data sheets describing the selected factor and record all runs,
- Data will either be from multiple runs of a specific process or from multiple process components. If data from specific runs is already averaged, verify that mean; or sum all process components.
- Compare your new sum/mean with the final emission factor from final RMA table, and the summary factor in Volume 4.
- Note if factors match or do not match

RMA Emission Factor Development Binders:

Volume 2: Project Data - This binder contains all of the raw data from testing. If there are multiple runs of a test, the mean is taken. If there is multiple subprocesses within a process the sum is taken. This mean/sum becomes the emission factor.

Volume 4 - This binder contains summary tables for each process. These tables provide summaries of the tables in Volume 2.
The final emission factors that are reported are in tables with the format of "4.12-10". These are separate tables; they are not in a volume binder.

If the selected emission factor coincides all three tables, it appears to be a match; if the tables do not coincide, the emission factor appears to be invalid.

The results of the 26 reviewed emission factors is as follows:

13 Emission Factors matched
13 Emission Factors did not match.

I. Autoclave Emission Factor for Toluene; Compound #4 -- Not a Match.
   A. Final Emission Factor reported (Table 4.12-9)= 1.30E-05 lb/lb of rubber.
   B. Summary Table 3-6A (Volume 4: Autoclave Curing Emission Factors Summary) Toluene; Compound #4 = 2.08E-05 lb/lb of rubber.
   C. Raw Test Data (Volume 2: Project Data for Autoclave Speciated Volatiles Summary);
      I. Table D.1-5 Cooldown - Gas; Toluene, compound #4 = 1.90E-05
      ii. Table D.1-6 Blowdown - Gas; Toluene, compound #4 = 1.80E-06
      iii. Table D.1-7 Blowdown - Liquid; Toluene, compound #4 = 9.56E-10
      iv. Table D.1-8 Water Trap - Liquid; Toluene, compound #4 = 2.19E-08
      v. I. + ii. + iii. + iv. = 2.08E-05 lb/lb of rubber.

II. Calender Emission Factor for Carbonyl Sulfide; Compound #12 -- Is a Match.
   A. Final Emission Factor reported(Table 4.12-7) = 4.19E-08 lb/lb of rubber.
   B. Summary Table 3-4A (Volume 4: Calendering Emission Factors Summary) Carbonyl Sulfide, compound #12 = 4.19E-08 lb/lb of rubber.
   C. Raw Test Data Table H.1-4 (Volume 2: Project Data for Calender Sulfur Summary)
      I. Carbonyl Sulfide; compound #12 -- Run 1 = 3.21E-08
      ii. Carbonyl Sulfide; compound #12 -- Run 2 = 6.07E-08
      iii. Carbonyl Sulfide; compound #12 -- Run 3 = 3.29E-08
      iv. Carbonyl Sulfide; compound #12 -- Mean = 4.19E-08 lb/lb of rubber.

III. Grinding Emission Factor for Carbon Disulfide; Retread -- Not a Match.
   A. Final Emission Factor reported (Table 4.12-12) = 6.77E-07 lb/lb of rubber.
   B. Summary Table 3-9 (Volume 4: Grinding Emission Factor Summary) Carbon Disulfide; Retread = 1.13E-08 lb/lb of rubber.
   C. Raw Test Data Table F.1-4 (Volume 2: Project Data for Grinding Sulfur Summary)
      I. Carbon Disulfide; Retread -- Run 1 = 8.74E-07
      ii. Carbon Disulfide; Retread -- Run 2 = 1.02E-06
      iii. Carbon Disulfide; Retread -- Run 3 = 8.22E-07
      iv. Carbon Disulfide; Retread -- Mean = 9.04E-07 lb/lb of rubber.

IV. Extruder Emission Factor for Acetophonone; Compound #9 -- Is a Match.

A. Final Emission Factor reported (Table 4.12-6) = 8.18E-06 lb/lb of rubber.

B. Summary Table 3-3 (Volume 4: Extruder Emission Factor Summary) Acetophonone; Compound #9 = 8.18E-06 lb/lb of rubber.

C. Raw Test Data Table I.1-8 (Volume 2: Project Data for Extruder Speciated Semivolatiles).

i. Acetophonone; Compound #9 -- Run 1 = 1.30E-05

ii. Acetophonone; Compound #9 -- Run 2 = 7.00E-06

iii. Acetophonone; Compound #9 -- Run 3 = 4.56E-06

iv. Acetophonone; Compound #9 -- Mean = 8.18E-06 lb/lb of rubber.

V. Extruder Emission Factor for 4-Methyl-2-Pentanone; Compound #22 -- Is a Match.

A. Final Emission Factor Reported (Table 4.12-6) = 1.63E-06 lb/lb of rubber.

B. Summary Table 3-3 (Volume 4: Extruder Emission Factor Summary) 4-Methyl-2-Pentanone; Compound #22 = 1.61E-06 lb/lb rubber.

C. Raw Test Data Table I.1-14 (Volume 2: Project Data for Extruder Speciated Semivolatiles).

i. 4-Methyl-2-Pentanone; Compound #22 -- Run 1 = 1.47E-06

ii. 4-Methyl-2-Pentanone; Compound #22 -- Run 2 = 1.48E-06

iii. 4-Methyl-2-Pentanone; Compound #22 -- Run 3 = 1.88E-06

iv. 4-Methyl-2-Pentanone; Compound #22 -- Mean = 1.61E-06 lb/lb rubber.

VI. Hot Air Cure Emission Factor for 2-Butanone; Compound #5 -- Is a Match.

A. Final Emission Factor Reported (Table 4.12-10) = 1.62E-06 lb/lb rubber.

B. Summary Table 3-8 (Volume 4: Hot Air Cure Emission Factor Summary) 2-Butanone; Compound #5 = 1.62E-06 lb/lb rubber.

C. Raw Test Data Table J.1-3 (Volume 2: Project Data for Hot Air Cure Speciated Volatiles).
2-Butanone; Compound #5 = 1.62E-06 lb/lb rubber.

VII. Hot Air Cure Emission Factor for Carbon Disulfide; Compound #22 -- Not a Match.

A. Final Emission Factor Reported (Table 4.12-10) = 1.53E-03 lb/lb rubber.

B. Summary Table 3-8 (Volume 4: Hot Air Cure Emission Factor Summary) Carbon Disulfide; Compound #22 = 1.53E-03 lb/lb rubber.

C. Raw Test Data Table J.1-4 (Volume 2: Project Data for Hot Air Cure Sulfur Summary).
Carbon Disulfide; Compound #22 = 1.20E-03.

VIII. Hot Air Cure Emission Factor for Acetophenone; Compound #8 -- Not a Match.

A. Final Emission Factor Reported (Table 4.12-10) = 2.13E-04 lb/lb rubber.

B. Summary Table 3-8 (Volume 4: Hot Air Cure Emission Factor Summary) Acetophenone; Compound #8 = 2.13E-04 lb/lb rubber.

C. Raw Test Data Table J.1-2 (Volume 2: Project Data for Hot Air Cure Speciated

Semivolatiles).
Acetophenone; Compound #8 = 2.72E-07 lb/lb rubber.

IX. Calender Emission Factor for Hydroquinone; Compound #2 -- Not a Match.
- A. Final Emission Factor Reported (Table 4.12-7)= 5.59E-07 lb/lb of rubber.
- B. Summary Table 3-4A (Volume 4: Calender Emission Factor Summary) Hydroquinone; Compound #2 -- 3.95E-08 lb/lb of rubber.
- C. Raw Test Data Table H.2-2 (Volume 2: Project Data for Calender Speciated Semivolatiles).
  - i. Hydroquinone; Compound #2 -- Run 1 = 7.75E-09
  - ii. Hydroquinone; Compound #2 -- Run 2 = 5.14E-09
  - iii. Hydroquinone; Compound #2 -- Run 3 = 1.06E-07
  - iv. Hydroquinone; Compound #2 -- Mean = 3.95E-08 lb/lb of rubber.

X. Calender Emission Factor for Hydroquinone; Compound #12 -- Not a Match.
- A. Final Emission Factor Reported (Table 4.12-7) = 3.83E-08 lb/lb of rubber.
- B. Summary Table 3-4 (Volume 4: Calender Emission Factor Summary) Hydroquinone; Compound #12 -- 6.47E-11 lb/lb of rubber.
- C. Raw Test Data Table H.1-2 (Volume 2: Project Data for Calender Speciated Semivolatiles).
  - i. Hydroquinone; Compound #12 -- Run 1 = 5.16E-11
  - ii. Hydroquinone; Compound #12 -- Run 2 = 7.01E-11
  - iii. Hydroquinone; Compound #12 -- Run 3 = 7.42E-11
  - iv. Hydroquinone; Compound #12 -- Mean = 6.47E-11 lb/lb of rubber.

XI. Calender Emission Factor for 4-Nitrobiphenyl; Compound #2 -- Not a Match.
- A. Final Emission Factor Reported (Table 4.12-7)= 2.04E-09 lb/lb of rubber.
- B.. Summary Table 3-4 (Volume 4: Calender Emission Factor Summary) 4-Nitrobiphenyl; Compound #2 = 3.19E-09 lb/lb of rubber.
- C. Raw Test Data Table H.1-2 (Volume 2: Project Data for Calender Speciated Semivolatiles).
  - i. 4-Nitrobiphenyl; Compound #2 -- Run 1 = 2.71E-09
  - ii. 4-Nitrobiphenyl; Compound #2 -- Run 2 = 4.48E-09
  - iii. 4-Nitrobiphenyl; Compound #2 -- Run 3 = 2.37E-09
  - iv. 4-Nitrobiphenyl; Compound #2 -- Mean = 3.19E-09 lb/lb of rubber.

XII. Platan Press Emission Factor for Dibenzofuran; Compound #1-- Is a Match.
- A. Final Emission Factor Reported (Table 4.12-8)= 6.38E-08 lb/lb of rubber.
- B.. Summary Table 3-7 (Volume 4: Platan Press Emission Factor Summary) Dibenzofuran; Compound #1 = 6.38E-08 lb/lb of rubber.
- C. Raw Test Data Table E.1-2 (Volume 2: Project Data for Platan Press Speciated Semivolatiles).
  Dibenzofuran; Compound #1 = 6.38E-08 lb/lb of rubber.

XIII. Platan Press Emission Factor for Hexane; Compound #2 -- Is a Match.

A. Final Emission Factor Reported (Table 4.12-8) = 1.03E-05 lb/lb of rubber.

B. Summary Table 3-7 (Volume 4: Platan Press Emission Factor Summary)
Hexane; Compound #2 = 1.03E-05 lb/lb of rubber.

C. Raw Test Data Table E.1-3 (Volume 2: Project Data for Platan Press Speciated Volatiles).
Hexane; Compound #2 = 1.03E-05 lb/lb of rubber.

XIV. Platan Press Emission Factor for Cumene; Compound #14 -- Not a Match.

A. Final Emission Factor Reported (Table 4.12-8) = 5.08E-08 lb/lb of rubber.

B. Summary Table 3-7 (Volume 4: Platan Press Emission Factor Summary)
Cumene; Compound #14 = 5.08E-08 lb/lb of rubber.

C. Raw Test Data Table E.1-3 (Volume 2: Project Data for Platan Press Speciated Volatiles).
Cumene; Compound #14 = 1.61E-06 lb/lb of rubber.

XV. Internal Mixing & Milling Emission Factor for m-xylene + p-xylene; Compound #17 -- Is a Match.

A. Final Emission Factor Reported = 4.76E-07 lb/lb of rubber.

B. Summary Table 3-1 (Volume 4: Internal Mixing & Milling Emission Factor Summary)
m-xylene + p-xylene; Compound #17 = 4.76E-07 lb/lb of rubber.

C. Raw Test Data Table B.1-3(Volume 2: Project Data for Small mixer 2 Speciated Volatiles)-- m-xylene + p-xylene; Compound #17 = 4.76E-07 lb/lb of rubber.

XVI. Internal Mixing & Milling Emission Factor for Toluene; Compound #23 -- Is a Match.

A. Final Emission Factor Reported = 2.31E-05 lb/lb of rubber.

B. Summary Table 3-1 (Volume 4: Internal Mixing & Milling Emission Factor Summary)
Toluene; Compound #23 = 2.31E-05 lb/lb of rubber.

C. Raw Test Data Table B.1-3(Volume 2: Project Data for Small mixer 2 Speciated Volatiles)--Toluene; Compound #23 = 2.31E-05 lb/lb of rubber.

XVII. Milling Emission Factor for Benzene; Compound #4 -- Is a Match.

A. Final Emission Factor reported (Table 4.12-5) = 5.39E-08 lb/lb of rubber.

B. Summary Table 3-2 (Volume 4: Milling Emission Factor Summary)
Benzene; Compound #4 = 5.39E-08 lb/lb of rubber.

C. Raw Test Data Table G.2-3 (Volume 2: Project Data for Milling Speciated Volatiles)
Benzene; Compound #4 = 5.39E-08 lb/lb of rubber.

XVIII. Milling Emission Factor for Ethylbenzene; Compound #12 -- Is a Match.

A. Final Emission Factor reported (Table 4.12-5) = 2.56E-10 lb/lb of rubber.

B. Summary Table 3-2 (Volume 4: Milling Emission Factor Summary)
Ethylbenzene; Compound #12 = 2.56E-10 lb/lb of rubber.

C. Raw Test Data Table G.1-3 (Volume 2: Project Data for Milling Speciated Volatiles)
Ethylbenzene; Compound #12 = 2.56E-10 lb/lb of rubber.

XIX. Milling Emission Factor for Naphthalene; Compound #3 -- Is a Match.

A. Final Emission Factor reported (Table 4.12-5) = 3.73E-07 lb/lb of rubber.

B. Summary Table 3-2 (Volume 4: Milling Emission Factor Summary)
Naphthalene; Compound #3 = 3.73E-07 lb/lb of rubber.

C. Raw Test Data Table G.1-3 (Volume 2: Project Data for Milling Speciated Volatiles)
Naphthalene; Compound #3 = 3.73E-07 lb/lb of rubber.

XX. Tire Cure Emission Factor for 2-Methylphenol; Tire A -- Not a Match.

A. Final Emission Factor reported (Table 4.12-11) = 9.30E-09 lb/lb rubber.

B. Summary Table 3-5A (Volume 4: Tire Cure Emission Factor Summary)
2-Methylphenol; Tire A = 1.08E-08 lb/lb rubber.

C. Raw Test Data Table C. 1-2 (Volume 2: Project Data for Tire Cure Speciated Volatiles)
2-Methylphenol; Tire A = 1.08E-08 lb/lb rubber.

XXI. Tire Cure Emission Factor for Tetracholoroethane; Tire H -- Not a Match.

A. Final Emission Factor reported (Table 4.12-5) = 1.01E-07 lb/lb rubber.

B. Summary Table 3-5A (Volume 4: Tire Cure Emission Factor Summary)
Tetracholoroethane; Tire H = 1.80E-07 lb/lb rubber.

C. Raw Test Data Table C. 1-2 (Volume 2: Project Data for Tire Cure Speciated Volatiles)
Tetracholoroethane; Tire H = 7.81E-08 lb/lb rubber.

XXII. Autoclave Curing Emission Factor for 4-Methyl-2-Pentanone; Compound #6 -- Not a Match.

A. Final Emission Factor reported (Table 4.12-9) = 1.35E-05 lb/lb rubber.

B. Summary Table 3-6 (Volume 4: Autoclave Cure Emission Factor Summary)
4-Methyl-2-Pentanone; Compound #6 = 7.27E-05 lb/lb rubber.

C. Raw Test Data (Volume 2: Project Data for Autoclave Speciated Volatiles)

i. Table D.1-5 Cooldown - Gas;
4-Methyl-2-Pentanone; Compound #6 = 9.58E-06

ii. Table D.1-6 Blowdown -Gas;
4-Methyl-2-Pentanone; Compound #6 = 5.54E-06

iii. Table D.1-7 Blowdown - Liquid;
4-Methyl-2-Pentanone; Compound #6 = 5.52E-05

iv. Table D.1-8 Water Trap - Liquid;
4-Methyl-2-Pentanone; Compound #6 = 1.54E-04

v. i.+ii.+iii.+iv. = 2.24E-04 lb/lb rubber.

XXIII. Extruder Emission Factor for Nickel Compounds; Compound #6 -- Is a Match.

A. Final Emission Factor reported (Table4.12-6) = 7.24E-08 lb/lb rubber.

B. Summary Table 3-3 (Volume 4: Extruder Emission Factor Summary)
Nickel Compounds; Compound #6 = 7.24e-08 lb/lb rubber.

C. Raw Test Data (Volume 2: Project Data for Extruder Tread Location A Metals)

i. Nickel Compounds; Compound #6 -- Run 1 = 1.30E-07

ii. Nickel Compounds; Compound #6 -- Run 2 = 5.70E-08

iii. Nickel Compounds; Compound #6 -- Run 3 = 2.98E-08

iv. Nickel Compounds; Compound #6 -- Mean = 7.24E-08 lb/lb rubber.

XXIV. Grinding Emission Factor for Propylene Oxide; Belt (lb/lb removed) -- Not a match

A. Final Emission Factor reported (Table 4.12-12) = 3.06E-05

B. Summary Table 3-9 (Volume 4: Grinding Emission Factor Summary)
Propylene Oxide; Belt = n/a *Propylene Oxide was not listed in this table.*

C. Raw Test Data (Volume 2: Project Data for Belt Grinding Speciated Volatiles)

i. Propylene Oxide; Belt -- Run 1 = 1.57E-05

ii. Propylene Oxide; Belt -- Run 2 = 3.73E-05

iii. Propylene Oxide; Belt -- Run 3 = 4.65E-05

iv. Propylene Oxide; Belt -- Mean = 3.32E-05 lb/lb rubber.

XXV. Tire Cure/Tire Press Emission Factor for Dimethylphthalate; Tire F -- Not a Match.

A. Final Emission Factor for Dimethylphthalate; Tire F = 3.51E-09 lb/lb rubber.

B. Summary Table 3-5 (Volume 4: Tire Press Curing Emission Factor Summary)
Dimethylphthalate; Tire F = 4.06E-09 lb/lb rubber.

C. Raw Test Data (Volume 2: Project Data for Tire Press Speciated Semivolatiles)
Dimethylphthalate; Tire F = 3.51E-09 lb/lb rubber.

XXVI. Internal Mixing & Milling Emission Factor for 1,3-Butadiene; Compound #7--Is a Match

A. Final Emission Factor reported (Table 4.12-4) = 4.67E-07 lb/lb rubber.

B. Summary Table 3-1 (Volume 4: Internal Mixing & Milling Curing Emission Factor Summary)
1,3-Butadiene; Compound #7 = 4.67E-07 lb/lb rubber.

C. Raw Test Data (Volume 2: Project Data for Internal Mixing & Milling -- Small Mixer 2 Volatiles Summary) 1,3-Butadiene; Compound #7 = 4.67E-07 lb/lb rubber.

ATTACHMENT 3
Summary

SUMMARY OF PROCESSES SPECIATED VOLATILES - TOLUENE (lb/lb rubber) -- FOR COMPOUND 22									
							ORIGINAL RMA	REPORTED	PES'
	SUM	MEAN	MEDIAN	MINIMUM	MAXIMUM	RANGE	TEST RESULTS	EMISSION FACTOR	CALCULATIONS
INTERNAL MIXING & MILLING	7.98E-05	2.66E-05	2.47E-06	1.50E-06	7.58E-05	7.43E-05		2.47E-06	2.47E-06
Small mixer 2	2.47E-06					N/A	2.47E-06		
Small mixer 1	7.58E-05					N/A	7.58E-05		
Large mixer 1	1.50E-06					N/A	1.50E-06		
MILLING	The reported emission factor for Compound 22 is interpolated							1.28E-06	
EXTRUDER	3.43E-07					N/A	3.43E-07	3.67E-07	3.43E-07
CALENDER	The reported emission factor for Compound 22 is interpolated							1.79E-06	
AUTOCLAVE	2.84E-06	7.10E-07	2.04E-07	1.33E-08	2.42E-06	2.41E-06	2.84E-06	2.02E-06	2.84E-06
HOT AIR CURE	5.25E-06					N/A	**5.25E-06**	**5.25E-06**	**5.25E-06**
TIRE CURE	Compounds are not reported. Uncured tires from several manufacturers were used.								
PLATAN PRESS	4.22E-06					N/A	**4.22E-06**	**4.22E-06**	**4.22E-06**
GRINDING	1.30E-02	3.25E-03	1.71E-03	6.43E-09	9.59E-03	9.59E-03			
-retread	6.43E-09					N/A	6.43E-09	3.82E-07	6.43E-09
-carcass	9.59E-03					N/A	**9.59E-03**	**9.59E-03**	**9.59E-03**
-sidewall	2.07E-03					N/A	2.07E-03	1.86E-04	2.07E-03
-belt	1.35E-03					N/A	**1.35E-03**	**1.35E-03**	**1.35E-03**

Table 2
Internal Mixing & Milling

INTERNAL MIXING AND MILLING SPECIATED VOLATILES - TOLUENE (lb/lb rubber)											
COMPOUND 22											**Reported**
											Emission Factor
TABLE #		B.1-3	B.2-3	B.2-3	**SUM**	**MEAN**	**MEDIAN**	**MINIMUM**	**MAXIMUM**	**RANGE**	4.12-4
		2.47E-06	7.58E-05	1.50E-06	7.98E-05	2.66E-05	2.47E-06	1.50E-06	7.58E-05	7.43E-05	**2.47E-06**

Table 3
Milling

MILLING (Warmup Mill) SPECIATED VOLATILES - TOLUENE (lb/lb rubber)						
COMPOUND 22 **(INTERPOLATED VALUE)**						
						Reported
						Emission Factor
TABLE #	4.12-5					
						1.28E-06

Table 4
Extruder

EXTRUDER VOLATILES SUMMARY - TOLUENE (lb/lb rubber)			
COMPOUND 22		**Reported**	
		Emission Factor	
TABLE # I.1-14		TABLE # 4.12-6	
3.43E-07		**3.67E-07**	

Table 5
Calender

CALENDER SPECIATED VOLATILE - TOLUENE (lb/lb rubber)				
COMPOUND 22 **(INTERPOLATED VALUE)**				**Reported**
				Emission Factor
TABLE #	4.12-7			**1.79E-06**

Table 6
Autoclave

AUTOCLAVE SPECIATED VOLATILE - TOLUENE (lb/lb rubber)											Original RMA	Reported
COMPOUND 22					Sum	Minimum	Maximum	Range	Median	Mean	Test Results	Emission Factor
TABLE #	D.1-7	D.1-6	D.1-5	D.1-8								TABLE # 4.12-9
	3.06E-08	3.78E-07	2.42E-06	1.33E-08	2.84E-06	1.33E-08	2.42E-06	2.41E-06	2.04E-07	7.10E-07	**2.84E-06**	**2.02E-06**

Table 7
Hot Air Cure

HOT AIR CURE SPECIATED VOLATILES - TOLUENE (lb/lb rubber)					
COMPOUND 22				**Reported**	
				Emission Factor	
TABLE #	J.1-3			TABLE # 4.12-10	
	5.25E-06			**5.25E-06**	

Table 8
Tire Cure

TIRE CURE SPECIATED VOLATILES - TOLUENE (lb/lb rubber)					
***note: tire types were tested instead of compounds**					
			Reported		
			Emission Factor		
TABLE #	C.1-3		TABLE # 4.12-11		
Tire A	6.60E-06		5.67E-06		
Tire B	7.34E-06		6.30E-06		
Tire C	2.92E-06		2.23E-06		
Tire D	1.26E-05		1.06E-05		
Tire E	1.30E-05		1.14E-05		
Tire F	1.17E-05		1.05E-05		
Tire G	1.08E-05		9.35E-06		
Tire H	2.61E-05		2.22E-05		
Tire I	1.07E-05		8.96E-06		

Table 9
Platan Press

PLATAN PRESS CURING SPECIATED VOLATILES - TOLUENE (lb/lb rubber)						
COMPOUND 22			**Reported**			
			Emission Factor			
TABLE #	E.1-3		TABLE # 4.12-8			
	4.22E-06		**4.22E-06**			

Table 10
Grinding

GRINDING VOLATILES SUMMARY - TOLUENE (lb/lb rubber)						
					Original RMA	**Reported**
					Test Results	**Emission Factor**
TABLE #	F.1-3	F.2-3	F.3-3	F.4-4		4.12-12
RETREAD	6.43E-09				6.43E-09	**3.82E-07**
CARCASS		9.59E-03			9.59E-03	**9.59E-03**
SIDEWALL			2.07E-03		2.07E-03	**1.86E-04**
BELT				1.35E-03	1.35E-03	**1.35E-03**
				SUM	1.30E-02	
				MEAN	3.25E-03	
Could not test compound 22 because it was						
not used. Different grinding types were tested;				**MEDIAN**	1.71E-03	
not compounds.						
				MINIMUM	6.43E-09	
				MAXIMUM	9.59E-03	
				RANGE	9.59E-03	

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Autoclave Curing										
Steam-Contact Autoclave Setup	Process equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines	3 batches at 50 lbs each	No data on # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; Amines: Midget Impinger Sampling Train/GC	4,5,6,8,9,9, 11,15,18,21, 22	Temp: 340F; 110psig during each curing run. Sampling was conducted throughout the 3 modes of operation. Total capture method where all steam & pollutant releases where sampled. All steam releases were vented through the 1" watertrap or blowdow n pipe into a series of condensing impingers & sorbent tubeskept under negative pressure by a metering pump.
Extrusion										
Extruder	3.5" Barrel	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM & Metals	2 pallets each of wigwagged tread (Cmpd. #6), sidewall (Cmpd. #4), emulsion SBR (Cmpd.#22) & peroxide-cure EPDM (Cmpd. #9).	No data on # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000	4,6,9,22	Temp: Tread 255-275F; Sidewall 230-260F; SBR 1502 255-275F; EPDM2 250-280F. Two zones were tested: Location A-The extruder outlet, or head, was enclosed to permit capture of emissions throughout operation. It was equipped with an outlet exhaust duct from which sampling was conducted. Location B-Cool down zone was enclosed to allow sampling of pollutant emissions. Rubber temperatures were measured at the die head & at 2 points of the cool down zone.
Platan Press										

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Platan Press	Lab-scale	1 (site was at TRC facility)	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	50g each	9 samples of each of 17 rubber types.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD	1,2,3,5,7,9, 10,11,12,13, 14,16,17,19, 20,22,23	Emission rates were based on lbs of pollutant/hour and lbs of pollutant/lb of rubber. Temp: 340-350F; Pressure of 30 tons during the first 3 minutes and 20 tons for the second 3 minutes. Emissions were contained by an exhaust hood & a flexible Tyvek sheeting & exhausted by a single 5" duct and blower.
Hot Air Oven Curing										
Hot Air Oven Cure	Lab-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	100g each	3 samples	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	5,8,22	Temperatures were 400F for 5-8 minutes. The oven was set up with a preheated sweep gas inlet & an exhaust gas outlet. A temporary enclosure was erected around the oven to contain emissions during the curing & cooldown, and when the door was opened. An exhaust duct was used to vent the enclosure & provide sampling locations.
Tire Curing										

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Hot Nitrogen Purge Oven Cure System (Lab- Scale Tire Curing)	Lab-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data for sample size	28 tire cuts were oven cured, represent-ing 9 types of tires from 7 manu-facturers.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	N/A	There were not any remarks with the results of that comparison. The lab scale evaluation was done to determine if there is a correlation between lab scale and field data for tire curing. Non-determinate report Original equipment, replacement, and high performance tires were tested. Emissions were monitored by a Fourier transform infrared analyzer(FTIR). 2 zones were sampled-inlet & outlet during curing and cooldown phases. Temp:340-360F.
Hot Nitrogen Purge Oven Cure System (Full- Scale Tire Curing)	Full-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data for sample size	9 tire types were press-cured, repre-senting 2 tire sizes from 7 manufact-urers.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	N/A	Original equipment, replacement, and high performance tires were tested. Temp: 330-355F; steam pressures from 200-300psig. Each tire was cured for 10-15 minutes. Two emissions zones tested: the press itself and the tire cool-down zone. An enclosure was set up on the tire press to collect fugitive emissions during the press curing of green tires. The enclosure hadan outlet exhaust duct in which sampling was conducted for target parameters. There was a similar enclosure around the cool-down rack.
Tire Grinding										

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Retread Buffing	Observed at a full-scale site.	1	4	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM and Metals	Tread section = 37 ft long.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone/ fabric filter; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000	N/A	TRC fings that the entire tire grinding operation may emit HAPs. *For Retread, Sidewall, and Carcass Grinding, there was no mention of testing the air for emissions. There is only mention of cyclone testing. Emissions sampling was conducted in the hood's exhaust duct (control device inlet) to determine the process' potential to emit. The four exhaust ducts enter a common header duct. Emissions conveyed to a cyclone/fabric filter.
Whitewall/ Sidewall	Process Equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines Midget Impinger Sampling Train/GC	N/A	Emissions are ducted to a cyclone for removal of rubber dust and pieces ground from tires.

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Carcass Grinding	Process equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines: Midget Impinger Sampling Train/GC	N/A	No mention of the magnitude of difference in temperature of fine vs. course grinding. Sampling was conducted in the 20" inlet duct to the cyclone, in the 20" baghouse outlet duct prior to the I.D. fan, and in the 22" stack after the I.D. fan. Although carcass grinding involves both fine and course grinding,only the fine grind operation was tested due to the fact that the grinding period is longer(1-2min. for course; 4 min. for fine), and the temperature is higher than the course grind. Sampling was conducted in the 10" cyclone inlet duct & the 16" outlet stack. lbs/hr & lbs/lb removed rubber measured by the quantity of rubber dust & particles collected in cyclone.

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Truing (Force)	No test; Observed at a full scale site.	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	1 screening evaluation	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines: Midget Impinger Sampling Train/GC	N/A	"A *screening evaluation* of emissions from a force grinder was conducted at a full scale tire manu-facturing ..." A screening evaluation of emissions from a force grinder was conducted at a full scale tire manufacturing facility using FTIR and total hydrocarbon analyzers.
Calendering										
Calender	Process equipment	2	2	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data on sample size.	3	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	Location A: (Compound 2) Location B: (Compound1 2)	Location A: Continuous Production Process, testing a tire ply coat rubber compound; 3 test runs were conducted from an exhaust collector system outlet stack. Location B: Calendering of a neoprene compound. Calender had 54" rolls and ran 1100 linear yards of the neoprene cmpd. during each of 3 test runs. Emissions were measured with a temperature enclosure and exhaust duct configuration.

Attachment 4
RMA AP-42
Description of Test Facilities[a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Internal Mixers 1. Large Banbury (F-80) 2. Small Banbury (BR-1600) [1] 3. Small Banbury (BR-1600) [2]	Process equipment	3	3	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM and Metals	(1.) Batch sizes of 125-140 lbs per drop. (2. & 3.) Batch sizes were 2-3 lbs per drop.	No data for # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000;	All 23 compounds	1. Emission occurred during charging and mixing, and during drop milling. Productive run temperatures were 220F (non-productive runs temp = 335F). Sampled the fume collector and duct system. 2. & 3. Both similar in design & capacity. Sampling took place during charging & mixing. Emissions were sampled from a section of duct installed in a flexible exhaust hose. Temperatures were the same as the large mixers. The rubber is moved to a milling unit were an outlet exhaust duct was sampled.
Warmup Milling	Evaluation #1: Process equipment Evaluation #2: Lab scale	2	2	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	2.5lbs	(Evaluation #1): 3 One test run was conducted per compound. (Evaluation #2): 3	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	2,3,4	Emissions from a lab scale warmup mill were tested during the milling of compounds 2,3,&4. Multiple drops were made for each test run. Another test was conducted at an engineered rubber products manufacturing facility. Used Batch mode for testing. Neoprene compound was used for the 3 test runs and collected the milled rubber on pigs for running through the calender. The temperature of the mill roll was 90F; the rubber was milled to 0.3" and to 175F.

aTRC Environmental Corporation Development of Emission Factors for the Rubber Manufacturer Association Volume 1, Section 3; May 1995.

DESCRIP.WPD

Contract No. 68D70069, WA No. 2-05

WORK PLAN

REVIEW RUBBER MANUFACTURERS ASSOCIATION SUBMITTAL FOR AP-42 SECTION

EPA Contract No. 68D70069
Work Assignment No. 2-05
PES Project No. I525

Prepared for

Mr. Ronald Ryan
Emission Factors and Inventory Group
Emissions Monitoring and Analysis Division
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711

November 5, 1998
P:\I525

Submitted by

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Contract No. 68D70069, WA No. 2-05

INTRODUCTION

The Rubber Manufacturer's Association (RMA) has developed a draft section based on their own emissions test data for rubber processing operation, resulting in the need for EPA to review and approve or disapprove this information for inclusion in AP-42. Under a previous work assignment (I-10) on this contract, an initial review of the documentation of the data was begun. Several questions were raised regarding the ability of the final results to be tracked back to the original data. Under this work assignment, a more detailed and focused review of the data and reports will be performed.

PROJECT APPROACH.

This response includes PES technical approach represented in two tasks. The first task addresses the specific technical activities included in the WA scope of work and the second task addresses administrative and quality assurance activities. No activity completed under work assignment I-10 will be repeated during the performance of this work assignment.

Task 1 - Perform a Complete Check of All Emission Factors Proposed by RMA for Milling, Grinding, and Platen Press.

WA SOW Task 1. The Contractor shall perform a complete check of all emission factors presented in the draft AP-42 section for milling, grinding, and platen presses. The checks shall compare the values in the draft AP-42 section to the values in Volume 2 and Volume 4 of the RMA's report. The check shall also include the values shown in an earlier AP-42 draft. A spreadsheet shall be prepared for each piece of equipment showing each value from each of the four data sources, side-by-side, along with source table identification and any explanatory notes. The checks and the spreadsheets shall only include tested values, and not interpolated values. The contractor shall prepare a letter for EPA submittal to RMA summarizing any discrepancies found and requesting clarification of the calculation scheme used to derive the factors.

Technical Approach for Task 1

PES will create a separate spreadsheet specifically for each of three rubber manufacturing processes: milling, grinding, and platen presses. Each spreadsheet will show: the reported numerical test data values, as reported and summarized for each process in Volume 2 of RMA's report; the emission factors reported in Volume 4 of RMA's report; and the emission factors listed in the first and second draft AP-42 section. PES will identify the source table for all numerical data reported and include explanations required to clarify the relevancy of the data. No interpolated data will be included in the spreadsheets. PES

will prepare a letter for EPA submittal to RMA that summarizes any discrepancies found and that requests clarification of the method used to calculate or derive the factors.

Task 2 - Program Management and Quality Assurance

In accordance with the requirements of this assignment, PES is submitting this work plan and cost estimate. PES also will submit, by the 10th day of each month, monthly progress reports summarizing progress made, any problems or issues encountered, work planned for the next reporting period, and costs. Distribution for these reports will be to the Contracting Officer, the Project Officer, and the EPA WAM.

PES will ensure that all requirements of the work assignment and contract are met through the performance of program management activities and quality assurance reviews. These activities include, but are not limited to, establishment of the project in the PES contract tracking system, review and approval of work plans and budgets, work plan negotiations when necessary, subcontract administration when necessary, tracking progress in relation to labor hours and costs by work assignment, preparation of financial reports, and quality assurance reviews of all deliverables including monthly progress reports, manuals, draft reports, and final reports.

WORK SCHEDULE AND STAFFING

The project organization is shown in Figure 1. The PES project manager is Mark Saeger. Additional staff from PES' Research Triangle Park office will provide support, as necessary. Leigh Lasher is assigned as project quality assurance coordinator.

The planned dates for milestones relevant to each task are given in Table 1.

COST ESTIMATE

Detailed cost estimates are provided in the following tables and graphs. Table 2 presents the overall estimated costs by major line item. Table 3 presents the estimated costs by task.

MEMORANDUM

TO: Mr. Ronald Ryan - U.S. EPA
FROM: Paul Grable - PES

DATE: August 14, 1998

SUBJECT: Work Assignment Number 1-10 Dated August 8, 1998, Rubber Manufacturing.

Based on discussions during our meeting with you Wednesday, our understanding of the scope of this work assignment is as discussed below. The priorities are listed in the logical steps that need to be followed to meet your goals. A quick review of the materials that are available is appropriate.

There is a draft version of AP-42, Section 4.12, the Manufacturing of Rubber Products, available on the Internet. It contains information assembled by the Rubber Manufacturers Association (RMA). Additional information, in the form of a background information document and air pollution test summaries have been provided by the RMA.

Hard copies of individual air pollution tests are stored in New England. An RMA contractor reviewed the air tests and assembled a four volume report that summarized the results. That report was further condensed into emission factor tables used in the draft version of AP-42 Section 4.12.

This work assignment involves four basic tasks; performing QA on the test data, incorporate PES' efforts from this work assignment into a revised background document, improve the draft AP-42 Section, and provide a revised electronic copy of the AP-42 Section and other documentation suitable for distribution on the Internet. Each task has the following specific steps.

Performing QA On The Test Data.

The validity of a number of randomly chosen emission factors will be checked by starting with emission factor information currently available on the Internet and tracing their derivations backwards to the hard copies of air pollution tests available through the RMA. The path that will be followed starts at the Internet tables, and will proceed through electronic tables provided by RMA, to the four volume report prepared by the RMA contractor's summary of the actual air testing data, and finally to the hard copies of source documents in New England. All methods used to perform the QA and findings will be documented and included in the revised background document. PES' air pollution testing group will be consulted to develop a plan for performing validity checks conducted during air pollution test report reviews.

Incorporate PES' efforts from this work assignment into a Revised Background Document.

These efforts include findings from the QA of the air pollution testing, reviewing EPA requested responses from states and others, and incorporating valid comments into the draft document. Discussions will be included in the background document concerning the specific use of terms and their meanings as it relates to the information provided by RMA, how data was handled during emission factor development, what methods were used by PES to identify problems, and answers to questions by others and any additional questions that arise during the completion of this work assignment.

Improve The Draft AP-42 Document.

The revised background document will be the basis for improving the draft AP-42 Section on the Manufacturing of Rubber Products. The new draft will have the same format as existing sections in the current AP-42 document. Emission factor tables and text discussions of the tables will include limitations on their use as discovered during the QA review of the test data.

Provide A Revised Electronic Copy Of The AP-42 Section And Other Documentation Suitable For Use On The Internet.

The revised draft background document and AP-42 Section will be available in a format suitable to be used on the Internet. If technically possible, an electronic copy of the emission factor tables will be formatted from Word Perfect into Lotus or EXCEL to allow users to manipulate the data from the Internet to satisfy their particular requirements.

PES proposes the following schedule of delivery dates be included in the Work Plan Submittal. Deliverables will be provided in memorandum format.

1. Complete review of available information	August 21
2. Submit Work Plan	August 25
3. Develop procedures for QA of emission factors and source documents.	September 4
4. Outline and format for updated draft of AP-42 Section listing information to be moved from Background document to the Section.	September 15
5. Provide a summary of progress with recommendations and a plan/schedule for additional work after October 1,	

1998. September 25

Please let me know if my understanding of your project priorities and our proposed deliverables schedule are satisfactory.

Table 5
Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Autoclave Curing										
Steam-Contact Autoclave Setup	Process equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines	3 batches at 50 lbs each	No data on # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; Amines: Midget Impinger Sampling Train/GC	4,5,6,8,9,9, 11,15,18,21, 22	Temp: 340F; 110psig during each curing run. Sampling was conducted throughout the 3 modes of operation. Total capture method where all steam & pollutant releases where sampled. All steam releases were vented through the 1" watertrap or blowdow n pipe into a series of condensing impingers & sorbent tubeskept under negative pressure by a metering pump.
Extrusion										
Extruder	3.5" Barrel	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM & Metals	2 pallets each of wigwagged tread (Cmpd. #6), sidewall (Cmpd. #4), emulsion SBR (Cmpd.#22) & peroxide-cure EPDM (Cmpd. #9).	No data on # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000	4,6,9,22	Temp: Tread 255-275F; Sidewall 230-260F; SBR 1502 255-275F; EPDM2 250-280F. Two zones were tested: Location A-The extruder outlet, or head, was enclosed to permit capture of emissions throughout operation. It was equipped with an outlet exhaust duct from which sampling was conducted. Location B-Cool down zone was enclosed to allow sampling of pollutant emissions. Rubber temperatures were measured at the die head & at 2 points of the cool down zone.
Platan Press										

Table 5
Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Platan Press	Lab-scale	1 (site was at TRC facility)	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	50g each	9 samples of each of 17 rubber types.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD	1,2,3,5,7,9, 10,11,12,13, 14,16,17,19, 20,22,23	Emission rates were based on lbs of pollutant/hour and lbs of pollutant/lb of rubber. Temp: 340-350F; Pressure of 30 tons during the first 3 minutes and 20 tons for the second 3 minutes. Emissions were contained by an exhaust hood & a flexible Tyvek sheeting & exhausted by a single 5" duct and blower.
Hot Air Oven Curing										
Hot Air Oven Cure	Lab-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	100g each	3 samples	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	5,8,22	Temperatures were 400F for 5-8 minutes. The oven was set up with a preheated sweep gas inlet & an exhaust gas outlet. A temporary enclosure was erected around the oven to contain emissions during the curing & cooldown, and when the door was opened. An exhaust duct was used to vent the enclosure & provide sampling locations.
Tire Curing										

Table 5
Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Hot Nitrogen Purge Oven Cure System (Lab- Scale Tire Curing)	Lab-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data for sample size	28 tire cuts were oven cured, represent-ing 9 types of tires from 7 manu-facturers.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	N/A	There were not any remarks with the results of that comparison. The lab scale evaluation was done to determine if there is a correlation between lab scale and field data for tire curing. Non-determinate report Original equipment, replacement, and high performance tires were tested. Emissions were monitored by a Fourier transform infrared analyzer(FTIR). 2 zones were sampled-inlet & outlet during curing and cooldown phases. Temp:340-360F.
Hot Nitrogen Purge Oven Cure System (Full- Scale Tire Curing)	Full-scale	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data for sample size	9 tire types were press-cured, repre-senting 2 tire sizes from 7 manufact-urers.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	N/A	Original equipment, replacement, and high performance tires were tested. Temp: 330-355F; steam pressures from 200-300psig. Each tire was cured for 10-15 minutes. Two emissions zones tested: the press itself and the tire cool-down zone. An enclosure was set up on the tire press to collect fugitive emissions during the press curing of green tires. The enclosure hadan outlet exhaust duct in which sampling was conducted for target parameters. There was a similar enclosure around the cool-down rack.
Tire Grinding										

Table 5
Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Retread Buffing	Observed at a full-scale site.	1	4	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM and Metals	Tread section = 37 ft long.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone/ fabric filter; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000	N/A	TRC fings that the entire tire grinding operation may emit HAPs. *For Retread, Sidewall, and Carcass Grinding, there was no mention of testing the air for emissions. There is only mention of cyclone testing. Emissions sampling was conducted in the hood's exhaust duct (control device inlet) to determine the process' potential to emit. The four exhaust ducts enter a common header duct. Emissions conveyed to a cyclone/fabric filter.
Whitewall/ Sidewall	Process Equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines Midget Impinger Sampling Train/GC	N/A	Emissions are ducted to a cyclone for removal of rubber dust and pieces ground from tires.

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Carcass Grinding	Process equipment	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	No data on # of runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines: Midget Impinger Sampling Train/GC	N/A	No mention of the magnitude of difference in temperature of fine vs. course grinding. Sampling was conducted in the 20" inlet duct to the cyclone, in the 20" baghouse outlet duct prior to the I.D. fan, and in the 22" stack after the I.D. fan. Although carcass grinding involves both fine and course grinding,only the fine grind operation was tested due to the fact that the grinding period is longer(1-2min. for course; 4 min. for fine), and the temperature is higher than the course grind. Sampling was conducted in the 10" cyclone inlet duct & the 16" outlet stack. lbs/hr & lbs/lb removed rubber measured by the quantity of rubber dust & particles collected in cyclone.

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Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Truing (Force)	No test; Observed at a full scale site.	1	1	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, Amines PM and Metals	No data on sample size.	1 screening evaluation	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000; Amines: Midget Impinger Sampling Train/GC	N/A	"A *screening evaluation* of emissions from a force grinder was conducted at a full scale tire manu-facturing ..." A screening evaluation of emissions from a force grinder was conducted at a full scale tire manufacturing facility using FTIR and total hydrocarbon analyzers.
Calendering										
Calender	Process equipment	2	2	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	No data on sample size.	3	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	Location A: (Compound 2) Location B: (Compound 12)	Location A: Continuous Production Process, testing a tire ply coat rubber compound; 3 test runs were conducted from an exhaust collector system outlet stack. Location B: Calendering of a neoprene compound. Calender had 54" rolls and ran 1100 linear yards of the neoprene cmpd. during each of 3 test runs. Emissions were measured with a temperature enclosure and exhaust duct configuration.

Table 5
Description of Processes Tests [a]

Type of Equipment	Size of Equipment	# of Facilities Involved During Testing	# of Pieces of Equipment Tested	Types of Emissions Investigated	Sample Size	How many sample runs	Type of test equipment	Methods Used	Compounds Checked	Remarks
Internal Mixers 1. Large Banbury (F-80) 2. Small Banbury (BR-1600) [1] 3. Small Banbury (BR-1600) [2]	Process equipment	3	3	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds, PM and Metals	(1.) Batch sizes of 125-140 lbs per drop. (2. & 3.) Batch sizes were 2-3 lbs per drop.	No data for # of sample runs.	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD; PM: M5/Grovimetric; Metals: M0012/M6010, 7000;	All 23 compounds	1. Emission occurred during charging and mixing, and during drop milling. Productive run temperatures were 220F (non-productive runs temp = 335F). Sampled the fume collector and duct system. 2. & 3. Both similar in design & capacity. Sampling took place during charging & mixing. Emissions were sampled from a section of duct installed in a flexible exhaust hose. Temperatures were the same as the large mixers. The rubber is moved to a milling unit were an outlet exhaust duct was sampled.
Warmup Milling	Evaluation #1: Process equipment Evaluation #2: Lab scale	2	2	Total Volatile Organic Compounds, Speciated Volatiles, Volatile Ozone Precursors, Sulfur Compounds	2.5lbs	(Evaluation #1): 3 One test run was conducted per compound. (Evaluation #2): 3	Total VOCs: THC Analyzer; Sulfur Compounds: GC/FPD;PM: Cyclone; all other emissions show no record of equipment type used for testing.	Total VOCs: M25A/FID Speciated; Volatiles: TO-14/GC-MS M 8240; Volatile Ozone Precursors TO-14/GC-FID Sulfur Compounds: TO-14/GC/FPD;	2,3,4	Emissions from a lab scale warmup mill were tested during the milling of compounds 2,3,&4. Multiple drops were made for each test run. Another test was conducted at an engineered rubber products manufacturing facility. Used Batch mode for testing. Neoprene compound was used for the 3 test runs and collected the milled rubber on pigs for running through the calender. The temperature of the mill roll was 90F; the rubber was milled to 0.3" and to 175F.

aTRC Environmental Corporation Development of Emission Factors for the Rubber Manufacturer Association Volume 1, Section 3; May 1995.

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TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,1,1-Trichloroethane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
1,1,1-Trichloroethane	Carcass		NO		F.2-3	ND	3-9	3.58E-07	Grinding HAP Summ		x		
1,1,1-Trichloroethane	Retread		NO		F.1-3	ND	3-9	2.19E-08	Grinding HAP Summ		x		x
1,1,1-Trichloroethane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
1,1-Difluoroethane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,1-Difluoroethane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,1-Difluoroethane	Retread		YES	0.00E+00	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,1-Difluoroethane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,2,4-Trimethylbenzene	Belt	*	NO	8.48E-07	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
1,2,4-Trimethylbenzene	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
1,2,4-Trimethylbenzene	Retread	*	NO	2.79E-09	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
1,2,4-Trimethylbenzene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
1,2,4-Trimethylbenzene	Belt	*	NO	5.56E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,2,4-Trimethylbenzene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,2,4-Trimethylbenzene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,2,4-Trimethylbenzene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,3-Butadiene	Belt		YES	2.41E-05	F.4-3	2.41E-05	3-9	2.41E-05	Grinding HAP Summ		x		x
1,3-Butadiene	Carcass		YES	2.65E-05	F.2-3	2.65E-05	3-9	2.65E-05	Grinding HAP Summ		x		x
1,3-Butadiene	Retread		NO		F.1-3		3-9	4.39E-08	Grinding HAP Summ	Revised AP-42	x		x
1,3-Butadiene	Sidewall/Whitewall		NO		F.3-3		3-9	2.40E-05	Grinding HAP Summ	Revised AP-42	x		x
1,3-Pentadiene	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,3-Pentadiene	Carcass	*	NO	1.82E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,3-Pentadiene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,3-Pentadiene	Sidewall/Whitewall	*	NO	5.97E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,4-Dichlorobenzene	Belt		YES		F.4-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
1,4-Dichlorobenzene	Carcass		YES		F.2-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
1,4-Dichlorobenzene	Retread		NO	2.63E-09	F.1-2	2.63E-09	3-9	6.77E-09	Grinding HAP Summ	Revised AP-42	x	x	
1,4-Dichlorobenzene	Sidewall/Whitewall		YES		F.3-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
1,4-Diethylbenzene+n-Butylbenzene	Belt	*	NO	4.61E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,4-Diethylbenzene+n-Butylbenzene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,4-Diethylbenzene+n-Butylbenzene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1,4-Diethylbenzene+n-Butylbenzene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Butanol	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Butanol	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Butanol	Retread		YES	0.00E+00	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Butanol	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-4-(1-Chloroethenyl)Cyclohexane	Belt	*	NO	1.08E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-4-(1-Chloroethenyl)Cyclohexane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-4-(1-Chloroethenyl)Cyclohexane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-4-(1-Chloroethenyl)Cyclohexane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-5-(1-Chloroethenyl)Cyclohexane	Belt	*	NO	3.88E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-5-(1-Chloroethenyl)Cyclohexane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-5-(1-Chloroethenyl)Cyclohexane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Chloro-5-(1-Chloroethenyl)Cyclohexane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Heptene	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Heptene	Carcass	*	NO	2.72E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Heptene	Retread	*	NO	1.95E-07	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
1-Heptene	Sidewall/Whitewall	*	NO	3.46E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,2-Dimethylbutane	Belt	*	NO	6.72E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,2-Dimethylbutane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,2-Dimethylbutane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,2-Dimethylbutane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,3-Dimethylpentane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,3-Dimethylpentane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,3-Dimethylpentane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,3-Dimethylpentane	Sidewall/Whitewall	*	NO	3.04E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,4-Dimethylhexane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,4-Dimethylhexane	Carcass	*	NO	3.00E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,4-Dimethylhexane	Retread	*	NO	1.07E-07	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2,4-Dimethylhexane	Sidewall/Whitewall	*	NO	1.98E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Butanone	Belt		NO		F.4-3		3-9	6.22E-06	Grinding HAP Summ	Revised AP-42	x		x
2-Butanone	Carcass		NO		F.2-3		3-9	5.13E-07	Grinding HAP Summ	Revised AP-42	x		x
2-Butanone	Retread		NO	2.52E-10	F.1-3	2.52E-10	3-9	1.51E-08	Grinding HAP Summ	Revised AP-42	x		x
2-Butanone	Sidewall/Whitewall		NO		F.3-3		3-9	2.97E-05	Grinding HAP Summ		x		x
2-Butene	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Butene	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Butene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
2-Butene	Sidewall/Whitewall	*	NO	1.57E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Chloro-1,3-Butadiene	Belt		NO	8.16E-05	F.4-3	ND	3-9	8.16E-05	Grinding HAP Summ		x		x
2-Chloro-1,3-Butadiene	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
2-Chloro-1,3-Butadiene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
2-Chloro-1,3-Butadiene	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
2-Chlorostyrene	Belt	*	NO	1.84E-06	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Chlorostyrene	Carcass		YES	ND	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Chlorostyrene	Retread		YES	ND	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Chlorostyrene	Sidewall/Whitewall		YES	ND	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Chlorothiophene	Belt	*	NO	2.22E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Chlorothiophene	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Chlorothiophene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Chlorothiophene	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Ethylpentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Ethylpentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Ethylpentane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Ethylpentane	Sidewall/Whitewall		YES	0.00E+00	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Furaldehyde	Belt	*	NO	3.67E-05	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Furaldehyde	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Furaldehyde	Retread	*	NO	1.72E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Furaldehyde	Sidewall/Whitewall		YES	ND	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Heptanone	Belt		YES	0.00E+00	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Heptanone	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Heptanone	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Heptanone	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methyl-2-butene	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methyl-2-butene	Carcass	*	NO	8.20E-04	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methyl-2-butene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methyl-2-butene	Sidewall/Whitewall	*	NO	2.68E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylheptane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylheptane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylheptane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylheptane	Sidewall/Whitewall	*	NO	2.57E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylhexane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylhexane	Carcass	*	NO	7.29E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylhexane	Retread	*	NO	7.12E-07	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylhexane	Sidewall/Whitewall	*	NO	8.16E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylnaphthalene	Belt	*	NO	1.49E-05	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Methylnaphthalene	Carcass	*	NO	5.69E-07	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Methylnaphthalene	Retread	*	NO	6.26E-09	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Methylnaphthalene	Sidewall/Whitewall	*	NO	1.43E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
2-Methylpentane	Belt	*	NO	2.13E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylpentane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylpentane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylpentane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
2-Methylphenol	Belt		YES	ND	N/A	ND	3-9	0.00E+00	Grinding HAP Summ		x		
2-Methylphenol	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ		x	x	
2-Methylphenol	Retread		NO	ND	N/A	ND	3-9	3.91E-09	Grinding HAP Summ		x		
2-Methylphenol	Sidewall/Whitewall		YES	ND	N/A	ND	3-9	0.00E+00	Grinding HAP Summ		x		
3-Ethylpentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Ethylpentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Ethylpentane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Ethylpentane	Sidewall/Whitewall	*	NO	1.66E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Heptanone	Belt	*	NO	2.22E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Heptanone	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Heptanone	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Heptanone	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylheptane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylheptane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylheptane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylheptane	Sidewall/Whitewall	*	NO	8.37E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylhexane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylhexane	Carcass	*	NO	1.84E-04	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylhexane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylhexane	Sidewall/Whitewall	*	NO	1.74E-03	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylpentane	Belt	*	NO	1.50E-04	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylpentane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylpentane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
3-Methylpentane	Sidewall/Whitewall	*	NO	7.07E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
4-Methyl-2-Pentanone	Belt		YES		F.4-3		3-9	0.00E+00	Grinding HAP Summ		x		x

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TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
4-Methyl-2-Pentanone	Carcass		YES	1.92E-05	F.2-3	1.92E-05	3-9	1.92E-05	Grinding HAP Summ		x		x
4-Methyl-2-Pentanone	Retread		NO	1.41E-08	F.1-3	1.41E-08	3-9	8.44E-07	Grinding HAP Summ	Revised AP-42	x		x
4-Methyl-2-Pentanone	Sidewall/Whitewall		YES		F.3-3		3-9	0.00E+00	Grinding HAP Summ		x		x
4-Nitrobiphenyl	Belt		NO		F.4-2	ND	3-9	3.80E-07	Grinding HAP Summ		x	x	
4-Nitrobiphenyl	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ		x	x	
4-Nitrobiphenyl	Retread		YES		F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ		x	x	
4-Nitrobiphenyl	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ		x	x	
a-Pinene	Belt	*	NO	5.37E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
a-Pinene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
a-Pinene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
a-Pinene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Acenaphthene	Belt		YES	ND	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthene	Carcass		YES	ND	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthene	Retread	*	NO	1.85E-09	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthylene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthylene	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthylene	Retread	*	NO	2.87E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acenaphthylene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Acetaldehyde	Belt		NO	1.02E-05	F.4-3	1.02E-05	3-9	1.53E-05	Grinding HAP Summ	Revised AP-42	x		x
Acetaldehyde	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Acetaldehyde	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Acetaldehyde	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Acetone	Belt	*	NO	2.71E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Acetone	Carcass	*	NO	1.83E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Acetone	Retread	*	NO	3.25E-09	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Acetone	Sidewall/Whitewall	*	NO	3.54E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Acetophenone	Belt	*	NO	5.90E-06	F.4-3	5.90E-06	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42			x
Acetophenone	Carcass		NO	ND	F.2-3	8.52E-07	3-9	0.00E+00	Grinding HAP Summ				x
Acetophenone	Retread		NO	ND	F.1-3	1.89E-08	3-9	0.00E+00	Grinding HAP Summ				x
Acetophenone	Sidewall/Whitewall		NO	ND	F.3-3	3.37E-06	3-9	0.00E+00	Grinding HAP Summ				x
Acetophenone	Belt		NO	2.28E-06	F.4-2	5.90E-06	3-9	1.77E-05	Grinding HAP Summ	Multiple Sources	x	x	
Acetophenone	Carcass		NO	ND	F.2-2	8.52E-07	3-9	7.13E-07	Grinding HAP Summ	Multiple Sources	x	x	
Acetophenone	Retread		YES	1.89E-08	F.1-2	1.89E-08	3-9	1.89E-08	Grinding HAP Summ		x	x	
Acetophenone	Sidewall/Whitewall		YES	3.37E-06	F.3-2	3.37E-06	3-9	3.37E-06	Grinding HAP Summ		x	x	
Acrolein	Belt		NO		F.4-3		3-9	6.44E-06	Grinding HAP Summ		x		x
Acrolein	Carcass		NO		F.2-3		3-9	1.68E-06	Grinding HAP Summ		x		x
Acrolein	Retread		NO	7.84E-09	F.1-3	7.84E-09	3-9	4.70E-07	Grinding HAP Summ	Revised AP-42	x		x
Acrolein	Sidewall/Whitewall		YES		F.3-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Alpha-Methylstyrene	Belt		YES	0.00E+00	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Alpha-Methylstyrene	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Alpha-Methylstyrene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Alpha-Methylstyrene	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Aniline	Belt		YES		F.4-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Aniline	Carcass		YES	1.97E-05	F.2-2	1.97E-05	3-9	1.97E-05	Grinding HAP Summ		x	x	
Aniline	Retread		YES	6.66E-08	F.1-2	6.66E-08	3-9	6.66E-08	Grinding HAP Summ		x	x	
Aniline	Sidewall/Whitewall		YES	4.05E-04	F.3-2	4.05E-04	3-9	4.05E-04	Grinding HAP Summ		x	x	
Benzaldehyde	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzaldehyde	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzaldehyde	Retread	*	NO	1.10E-07	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzaldehyde	Sidewall/Whitewall	*	NO	2.91E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzene	Belt		YES		F.4-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Benzene	Carcass		NO		F.2-3		3-9	4.13E-06	Grinding HAP Summ		x		x
Benzene	Retread		NO	1.66E-07	F.1-3	1.66E-07	3-9	9.96E-06	Grinding HAP Summ	Revised AP-42	x		x
Benzene	Sidewall/Whitewall		YES	1.33E-05	F.3-3	1.33E-05	3-9	1.33E-05	Grinding HAP Summ		x		x
Benzo(a)anthracene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(a)anthracene	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(a)anthracene	Retread	*	NO	2.20E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(a)anthracene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(g,h,i)perylene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(g,h,i)perylene	Carcass	*	NO	2.37E-06	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(g,h,i)perylene	Retread	*	NO	2.00E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzo(g,h,i)perylene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzoic Acid	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzoic Acid	Carcass	*	NO	3.12E-06	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzoic Acid	Retread	*	NO	2.21E-07	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Benzoic Acid	Sidewall/Whitewall	*	NO	6.42E-05	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Biphenyl	Belt		YES		F.4-2		3-9	0.00E+00	Grinding HAP Summ			x	
Biphenyl	Carcass		YES		F.2-2		3-9	0.00E+00	Grinding HAP Summ			x	
Biphenyl	Retread	*	NO	6.63E-09	F.1-2	6.63E-09	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42		x	

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TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Biphenyl	Sidewall/Whitewall		YES		F.3-2		3-9	0.00E+00	Grinding HAP Summ			x	
bis(2-Ethylhexyl)Phthalate	Belt		YES	5.30E-05	F.4-2	5.30E-05	3-9	5.30E-05	Grinding HAP Summ		x	x	
bis(2-Ethylhexyl)Phthalate	Carcass		YES	7.94E-06	F.2-2	7.94E-06	3-9	7.94E-06	Grinding HAP Summ		x	x	
bis(2-Ethylhexyl)Phthalate	Retread		YES	1.99E-08	F.1-2	1.99E-08	3-9	1.99E-08	Grinding HAP Summ		x	x	
bis(2-Ethylhexyl)Phthalate	Sidewall/Whitewall		NO	1.84E-05	F.3-2	1.84E-05	3-9	2.76E-05	Grinding HAP Summ	Revised AP-42	x	x	
Butanol	Belt	*	NO	3.88E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butanol	Carcass	*	NO	8.61E-07	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butanol	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butanol	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butyl Acetate	Belt		YES	0.00E+00	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butyl Acetate	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butyl Acetate	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Butyl Acetate	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C7H16Branched Alkane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C7H16Branched Alkane	Carcass	*	NO	2.46E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C7H16Branched Alkane	Retread	*	NO	1.45E-07	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C7H16Branched Alkane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C8H16Branched Alkene	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C8H16Branched Alkene	Carcass	*	NO	2.59E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C8H16Branched Alkene	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C8H16Branched Alkene	Sidewall/Whitewall	*	NO	4.55E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C9H20Alkane	Belt		YES	0.00E+00	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C9H20Alkane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C9H20Alkane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
C9H20Alkane	Sidewall/Whitewall	*	NO	4.32E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cadmium	Belt	*	NO	2.80E-07	F.4-5	2.80E-07	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
Cadmium	Carcass	*	NO	8.62E-07	F.1-5	8.62E-07	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
Cadmium	Retread		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Cadmium	Sidewall/Whitewall	*	NO	1.36E-06	F.3-5	1.36E-06	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
Carbon Disulfide (a)	Belt		YES	3.03E-04	F.4-3	3.03E-04	3-9	3.03E-04	Grinding HAP Summ		x		x
Carbon Disulfide (a)	Retread		NO	1.13E-08	F.1-3	1.13E-08	3-9	6.77E-07	Grinding HAP Summ	Revised AP-42	x		x
Carbon Disulfide	Sidewall/Whitewall		NO		F.3-3		3-9	1.90E-05	Grinding HAP Summ		x		x
Carbon Disulfide	Carcass		NO	1.40E-06	F.2-3	1.40E-06	3-9	2.58E-06	Grinding HAP Summ	Revised AP-42	x		x
Carbonyl Sulfide	Belt		NO	ND	ND	ND	3-9	7.14E-06	Grinding HAP Summ		x		
Carbonyl Sulfide	Carcass		NO	8.70E-06	F.2-4	ND	3-9	8.70E-06	Grinding HAP Summ		x		
Carbonyl Sulfide	Retread		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Carbonyl Sulfide	Sidewall/Whitewall		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Chloromethane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Chloromethane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Chloromethane	Retread		NO		F.1-3	ND	3-9	7.12E-09	Grinding HAP Summ	Revised AP-42	x		x
Chloromethane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Chromium	Belt	*	NO	5.17E-06	F.4-5	5.17E-06	3-9	2.58E-06	Grinding HAP Summ	Revised AP-42	x		
Chromium	Carcass	*	NO	1.59E-06	F.2-5	1.59E-06	3-9	1.44E-06	Grinding HAP Summ	Revised AP-42	x		
Chromium	Retread		NO	2.53E-08	F.1-5	2.53E-08	3-9	3.79E-08	Grinding HAP Summ	Revised AP-42	x		
Chromium	Sidewall/Whitewall	*	NO	2.54E-05	F.3-5	2.54E-05	3-9	1.34E-05	Grinding HAP Summ	Revised AP-42	x		
Chrysene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Chrysene	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Chrysene	Retread	*	NO	1.23E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Chrysene	Sidewall/Whitewall	*	NO	1.02E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
cis-2-Pentene	Belt	*	NO	2.22E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
cis-2-Pentene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
cis-2-Pentene	Retread	*	NO	2.49E-09	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
cis-2-Pentene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cobalt	Belt		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Cobalt	Carcass		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Cobalt	Retread		YES	8.74E-09	F.1-5	8.74E-09	3-9	8.74E-09	Grinding HAP Summ		x		
Cobalt	Sidewall/Whitewall		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Copper	Belt	*	NO	4.39E-06	F.4-5	ND	3-9	0.00E+00	Grinding HAP Summ				
Copper	Carcass	*	NO	3.50E-06	F.1-5	ND	3-9	0.00E+00	Grinding HAP Summ				
Copper	Retread		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ				
Copper	Sidewall/Whitewall		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ				
Cyclobutane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclobutane	Carcass	*	NO	6.46E-07	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclobutane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclobutane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexane	Belt	*	NO	2.54E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexane	Carcass	*	NO	8.17E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexane	Retread	*	NO	2.19E-06	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexane	Sidewall/Whitewall	*	NO	1.55E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexanone	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x

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TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Cyclohexanone	Carcass	*	NO	2.59E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexanone	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexanone	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclohexanone	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexanone	Carcass	*	NO	1.62E-05	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexanone	Retread		YES	ND	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexanone	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexylamine	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexylamine	Carcass	*	NO	4.74E-04	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexylamine	Retread		YES	ND	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclohexylamine	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Cyclopentane+2,3-Dimethylbutane	Belt	*	NO	9.09E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclopentane+2,3-Dimethylbutane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclopentane+2,3-Dimethylbutane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Cyclopentane+2,3-Dimethylbutane	Sidewall/Whitewall	*	NO	2.07E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
d-Limonene	Belt	*	NO	4.80E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
d-Limonene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
d-Limonene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
d-Limonene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Di-n-butylphthalate	Belt		YES	3.31E-06	F.4-2	3.31E-06	3-9	3.31E-06	Grinding HAP Summ		x	x	
Di-n-butylphthalate	Carcass		NO	ND	F.2-2		3-9	2.24E-06	Grinding HAP Summ		x	x	
Di-n-butylphthalate	Retread		YES	3.87E-08	F.1-2	3.87E-08	3-9	3.87E-08	Grinding HAP Summ		x	x	
Di-n-butylphthalate	Sidewall/Whitewall		NO	1.69E-06	F.3-2	1.69E-06	3-9	2.54E-06	Grinding HAP Summ	Revised AP-42	x	x	
Dibenzofuran	Belt		YES	ND	F.4-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Dibenzofuran	Carcass		YES	1.59E-07	F.2-2	1.59E-07	3-9	1.59E-07	Grinding HAP Summ		x	x	
Dibenzofuran	Retread		YES	ND	F.1-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Dibenzofuran	Sidewall/Whitewall		YES	ND	F.3-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Diethylphthalate	Belt	*	NO	3.83E-07	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diethylphthalate	Carcass		YES		F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diethylphthalate	Retread	*	NO	3.73E-09	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diethylphthalate	Sidewall/Whitewall		YES	ND	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Dimethyl Cyclohexane Isomer	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclohexane Isomer	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclohexane Isomer	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclohexane Isomer	Sidewall/Whitewall	*	NO	1.89E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclopentane Isomer	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclopentane Isomer	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclopentane Isomer	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethyl Cyclopentane Isomer	Sidewall/Whitewall	*	NO	5.01E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclopentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclopentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclopentane	Retread	*	NO	2.08E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclopentane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclophexane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclophexane	Carcass	*	NO	6.28E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclophexane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Dimethylcyclophexane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Diphenylamine	Belt	*	NO	4.75E-06	F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diphenylamine	Carcass	*	NO	5.81E-06	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diphenylamine	Retread	*	NO	3.40E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Diphenylamine	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Ethanol	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethanol	Carcass	*	NO	5.19E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethanol	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethanol	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethyl Cyclopentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethyl Cyclopentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethyl Cyclopentane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethyl Cyclopentane	Sidewall/Whitewall	*	NO	5.84E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethylbenzene	Belt		YES		F.4-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Ethylbenzene	Carcass		YES		F.2-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Ethylbenzene	Retread		YES		F.1-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Ethylbenzene	Sidewall/Whitewall		YES	5.70E-05	F.3-3	5.70E-05	3-9	5.70E-05	Grinding HAP Summ		x		x
Ethylpentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethylpentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethylpentane	Retread	*	NO	2.44E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Ethylpentane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Fluoranthene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluoranthene	Carcass	*	NO	5.70E-06	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluoranthene	Retread	*	NO	2.75E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	

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TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Fluoranthene	Sidewall/Whitewall	*	NO	7.36E-07	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluorene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluorene	Carcass	*	NO	3.74E-07	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluorene	Retread	*	NO	3.03E-09	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Fluorene	Sidewall/Whitewall		YES		F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Heptane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Heptane	Carcass	*	NO	7.19E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Heptane	Retread	*	NO	4.88E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Heptane	Sidewall/Whitewall	*	NO	2.12E-03	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Hexane	Belt		NO	ND	N/A	4.18E-05	3-9	4.18E-05	Grinding HAP Summ	Volume 2	x		
Hexane	Carcass		NO		F.2-3	ND	3-9	1.60E-05	Grinding HAP Summ		x		x
Hexane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Hexane	Sidewall/Whitewall		YES	1.24E-04	F.3-3	1.24E-04	3-9	1.24E-04	Grinding HAP Summ	Volume 2	x		x
Isobutane	Belt	*	NO	6.40E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutylene+1-Butene	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutylene+1-Butene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutylene+1-Butene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isobutylene+1-Butene	Sidewall/Whitewall	*	NO	1.72E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isooctane	Belt		YES		F.4-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Isooctane	Carcass		NO		F.2-3		3-9	1.09E-05	Grinding HAP Summ	Revised AP-42	x		x
Isooctane	Retread		YES		F.1-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Isooctane	Sidewall/Whitewall		YES	1.15E-04	F.3-3	1.15E-04	3-9	1.15E-04	Grinding HAP Summ		x		x
Isopentane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopentane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopentane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopentane	Sidewall/Whitewall	*	NO	8.64E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isophorone	Belt		YES	ND	F.4-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Isophorone	Carcass		YES		F.2-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Isophorone	Retread		YES	6.46E-09	F.1-2	6.46E-09	3-9	6.46E-09	Grinding HAP Summ		x	x	
Isophorone	Sidewall/Whitewall		YES		F.3-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
Isopropyl Alcohol	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopropyl Alcohol	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopropyl Alcohol	Retread		YES	0.00E+00	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Isopropyl Alcohol	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Lead	Belt	*	NO	3.18E-06	F.4-5	3.18E-06	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
Lead	Carcass	*	NO	2.04E-06	F.1-5	2.04E-06	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
Lead	Retread		YES	ND	ND		3-9	0.00E+00	Grinding HAP Summ		x		
Lead	Sidewall/Whitewall	*	NO	2.92E-05	F.3-5	2.92E-05	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42	x		
m-Xylene + p-Xylene	Belt		YES	8.51E-06	F.4-3	8.51E-06	3-9	8.51E-06	Grinding HAP Summ		x		x
m-Xylene + p-Xylene	Carcass		NO		F.2-3		3-9	2.23E-06	Grinding HAP Summ	Revised AP-42	x		x
m-Xylene + p-Xylene	Retread		YES		F.1-3		3-9	0.00E+00	Grinding HAP Summ		x		x
m-Xylene + p-Xylene	Sidewall/Whitewall		NO		F.3-3		3-9	1.55E-05	Grinding HAP Summ	Revised AP-42	x		x
Magnesium	Belt	*	NO	8.02E-05	F.4-5	3.18E-06	3-9	1.59E-05	Grinding HAP Summ	Multiple Sources			
Magnesium	Carcass	*	NO	3.15E-04	F.2-5	2.04E-06	3-9	2.02E-06	Grinding HAP Summ	Multiple Sources			
Magnesium	Retread	*	NO	3.95E-07	F.1-5	ND	3-9	0.00E+00	Grinding HAP Summ				
Magnesium	Sidewall/Whitewall	*	NO	2.01E-04	F.3-5	2.92E-05	3-9	1.15E-04	Grinding HAP Summ	Multiple Sources			
Matrix of C7-C8 Cyclic & Alphatic HC	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Matrix of C7-C8 Cyclic & Alphatic HC	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Matrix of C7-C8 Cyclic & Alphatic HC	Retread	*	NO	8.07E-07	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Matrix of C7-C8 Cyclic & Alphatic HC	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclohexane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclohexane	Carcass	*	NO	1.45E-04	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclohexane	Retread	*	NO	1.03E-06	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclohexane	Sidewall/Whitewall	*	NO	4.06E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclopentane	Belt	*	NO	8.65E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclopentane	Carcass	*	NO	1.07E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclopentane	Retread	*	NO	7.00E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylcyclopentane	Sidewall/Whitewall	*	NO	6.65E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylene Chloride	Belt		YES	4.98E-05	F.4-3	4.98E-05	3-9	4.98E-05	Grinding HAP Summ		x		x
Methylene Chloride	Carcass		YES	4.19E-03	F.2-3	4.19E-03	3-9	4.19E-03	Grinding HAP Summ		x		x
Methylene Chloride	Retread		NO	2.79E-09	F.1-3	2.79E-09	3-9	1.67E-07	Grinding HAP Summ	Revised AP-42	x		x
Methylene Chloride	Sidewall/Whitewall		NO		F.3-3		3-9	2.76E-05	Grinding HAP Summ		x		x
Methylheptane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylheptane	Carcass	*	NO	1.69E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylheptane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylheptane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x

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GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Methylhexane	Carcass	*	NO	7.14E-05	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexane	Retread	*	NO	8.55E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexanone	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexanone	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexanone	Retread	*	NO	1.54E-08	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylhexanone	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylpentane	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylpentane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylpentane	Retread		YES	0.00E+00	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Methylpentane	Sidewall/Whitewall		YES	ND	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Butane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Butane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Butane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Butane	Sidewall/Whitewall	*	NO	9.65E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Decane	Belt	*	NO	1.69E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Decane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Decane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Decane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Hexane	Belt	*	NO	4.18E-05	F.4-3	4.18E-05	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42			x
n-Hexane	Carcass		YES		F.2-3		3-9	0.00E+00	Grinding HAP Summ				x
n-Hexane	Retread		YES		F.1-3		3-9	0.00E+00	Grinding HAP Summ				x
n-Hexane	Sidewall/Whitewall	*	NO	1.24E-04	F.3-3	1.24E-04	3-9	0.00E+00	Grinding HAP Summ	Revised AP-42			x
n-Nonane	Belt	*	NO	6.53E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Nonane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Nonane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Nonane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Octane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Octane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Octane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Octane	Sidewall/Whitewall	*	NO	1.67E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Undecane	Belt	*	NO	1.90E-05	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Undecane	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Undecane	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
n-Undecane	Sidewall/Whitewall		YES	ND	ND	ND	3-9	0.00E+00	Grinding HAP Summ				x
Naphthalene	Belt		YES	4.02E-06	F.4-2	4.02E-06	3-9	4.02E-06	Grinding HAP Summ		x	x	
Naphthalene	Carcass		YES	5.81E-07	F.2-2	5.81E-07	3-9	5.81E-07	Grinding HAP Summ		x	x	
Naphthalene	Retread		YES	2.11E-08	F.1-2	2.11E-08	3-9	2.11E-08	Grinding HAP Summ		x	x	
Naphthalene	Sidewall/Whitewall		YES	3.81E-06	F.3-2	3.81E-06	3-9	3.81E-06	Grinding HAP Summ		x	x	
Nickel	Belt	*	NO	1.83E-05	F.4-5	1.83E-05	3-9	9.13E-06	Grinding HAP Summ	Revised AP-42	x		
Nickel	Carcass		YES	2.03E-06	F.2-5	2.03E-06	3-9	2.03E-06	Grinding HAP Summ		x		
Nickel	Retread		YES	1.78E-08	F.1-5	1.78E-08	3-9	1.78E-08	Grinding HAP Summ		x		
Nickel	Sidewall/Whitewall	*	NO	1.41E-05	F.3-5	1.41E-05	3-9	7.51E-06	Grinding HAP Summ	Revised AP-42	x		
o-Ethyltoluene	Belt	*	NO	6.35E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
o-Ethyltoluene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
o-Ethyltoluene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
o-Ethyltoluene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
o-Toluidine	Belt		YES		F.4-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
o-Toluidine	Carcass		YES	2.55E-06	F.2-2	2.55E-06	3-9	2.55E-06	Grinding HAP Summ		x	x	
o-Toluidine	Retread		YES		F.1-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
o-Toluidine	Sidewall/Whitewall		YES		F.3-2		3-9	0.00E+00	Grinding HAP Summ		x	x	
o-Xylene	Belt		YES	5.40E-06	F.4-3	5.40E-06	3-9	5.40E-06	Grinding HAP Summ		x		x
o-Xylene	Carcass		YES		F.2-3		3-9	0.00E+00	Grinding HAP Summ		x		x
o-Xylene	Retread		NO		F.1-3		3-9	4.17E-08	Grinding HAP Summ	Revised AP-42	x		x
o-Xylene	Sidewall/Whitewall		NO		F.3-3		3-9	1.86E-05	Grinding HAP Summ	Revised AP-42	x		x
Octane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Octane	Carcass	*	NO	6.49E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Octane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Octane	Sidewall/Whitewall	*	NO	1.67E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
p-Cymene	Belt	*	NO	8.26E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
p-Cymene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
p-Cymene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
p-Cymene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Pentane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Pentane	Carcass		YES	0.00E+00	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Pentane	Retread		YES	0.00E+00	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Pentane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Phenanthrene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phenanthrene	Carcass	*	NO	3.46E-06	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phenanthrene	Retread	*	NO	2.33E-08	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

GRINDING Pollutant	Compound	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Phenanthrene	Sidewall/Whitewall	*	NO	1.73E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phenol	Belt		YES	8.88E-06	F.4-2	8.88E-06	3-9	8.88E-06	Grinding HAP Summ		x	x	
Phenol	Carcass		NO		F.2-2		3-9	1.66E-06	Grinding HAP Summ		x	x	
Phenol	Retread		YES	3.04E-07	F.1-2	3.04E-07	3-9	3.04E-07	Grinding HAP Summ		x	x	
Phenol	Sidewall/Whitewall		YES	1.57E-05	F.3-2	1.57E-05	3-9	1.57E-05	Grinding HAP Summ		x	x	
Phthalimide	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phthalimide	Carcass	*	NO	6.04E-05	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phthalimide	Retread		YES		F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Phthalimide	Sidewall/Whitewall	*	NO	3.75E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Propane	Belt	*	NO	9.10E-06	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Propane	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Propane	Retread	*	NO	3.52E-09	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Propane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Propylene Oxide	Belt		NO		F.4-3	ND	3-9	3.06E-05	Grinding HAP Summ		x		x
Propylene Oxide	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		
Propylene Oxide	Retread		NO		F.1-3	ND	3-9	9.86E-08	Grinding HAP Summ		x		x
Propylene Oxide	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Pyrene	Belt		YES		F.4-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Pyrene	Carcass	*	NO	1.56E-05	F.2-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Pyrene	Retread	*	NO	1.46E-07	F.1-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Pyrene	Sidewall/Whitewall	*	NO	2.28E-06	F.3-2	ND	3-9	0.00E+00	Grinding HAP Summ			x	
Styrene	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Styrene	Carcass		YES		F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Styrene	Retread		NO		F.1-3	ND	3-9	9.86E-08	Grinding HAP Summ		x		x
Styrene	Sidewall/Whitewall		NO		F.3-3	ND	3-9	1.69E-05	Grinding HAP Summ		x		x
Tetrachloroethene	Belt		YES	1.39E-04	F.4-3	1.39E-04	3-9	1.39E-04	Grinding HAP Summ		x		x
Tetrachloroethene	Carcass		YES		F.2-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Tetrachloroethene	Retread		NO		F.1-3		3-9	7.58E-09	Grinding HAP Summ	Revised AP-42	x		x
Tetrachloroethene	Sidewall/Whitewall		YES		F.3-3		3-9	0.00E+00	Grinding HAP Summ		x		x
Toluene	Belt		YES	1.35E-03	F.4-3	1.35E-03	3-9	1.35E-03	Grinding HAP Summ		x		x
Toluene	Carcass		YES	9.59E-03	F.2-3	9.59E-03	3-9	9.59E-03	Grinding HAP Summ		x		x
Toluene	Retread		NO		F.1-3		3-9	3.82E-07	Grinding HAP Summ	Revised AP-42	x		x
Toluene	Sidewall/Whitewall		YES	1.86E-04	F.3-3	1.86E-04	3-9	1.86E-04	Grinding HAP Summ		x		x
Trichloroethene	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Trichloroethene	Carcass		NO		F.2-3	ND	3-9	1.95E-06	Grinding HAP Summ		x		
Trichloroethene	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Trichloroethene	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ		x		x
Trichlorofluoromethane	Belt		YES		F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trichlorofluoromethane	Carcass	*	NO	5.15E-06	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trichlorofluoromethane	Retread		YES		F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trichlorofluoromethane	Sidewall/Whitewall		YES		F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclohexane Isomer	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclohexane Isomer	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclohexane Isomer	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclohexane Isomer	Sidewall/Whitewall	*	NO	5.97E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclopentane Isomer	Belt		YES	ND	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclopentane Isomer	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclopentane Isomer	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Trimethyl Cyclopentane Isomer	Sidewall/Whitewall	*	NO	1.19E-05	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Unknown	Belt		YES	0.00E+00	F.4-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Unknown	Carcass		YES	ND	F.2-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Unknown	Retread		YES	ND	F.1-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Unknown	Sidewall/Whitewall	*	NO	1.43E-04	F.3-3	ND	3-9	0.00E+00	Grinding HAP Summ				x
Zinc	Belt	*	NO	4.78E-02	F.4-5	2.80E-07	3-9	1.40E-07	Grinding HAP Summ	Multiple Sources			
Zinc	Carcass	*	NO	1.35E-02	F.2-5	8.62E-07	3-9	8.58E-07	Grinding HAP Summ				
Zinc	Retread	*	NO	9.46E-05	F.1-5	ND	3-9	0.00E+00	Grinding HAP Summ				
Zinc	Sidewall/Whitewall	*	NO	2.04E-05	F.3-5	1.36E-06	3-9	0.00E+00	Grinding HAP Summ	Multiple Sources			

Grinding HAP Summ = Grinding Operations HAP Emission Factor Summary.

(a) The emission factor for Carbon Disulfide listed in the Retread Buffing Sulfur Summary (Table F.1-4) is 9.04e-07. The emission factor for Carbon Disulfide listed in the Belt Grinding Sulfur Summary (Table F.4-4) is 2.06e-04.

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,1,1-Trichloroethane	2		YES	3.32E-08	G.2-3	3.32E-08	3-2	3.32E-08	Milling HAP Summ.		x		x
1,1,1-Trichloroethane	3		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
1,1,1-Trichloroethane	4		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
1,1,1-Trichloroethane	12		YES		G.1-3		3-2	ND	Milling HAP Summ.		x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,1,1-Trichloroethane	1		YES		3.54E-06	E.1-3		3.54E-06	3-7	3.54E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	2		YES		2.52E-06	E.1-3		2.52E-06	3-7	2.52E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	3		YES		3.15E-06	E.1-3		3.15E-06	3-7	3.15E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	5		YES		3.80E-06	E.1-3		3.80E-06	3-7	3.80E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	7		YES		4.19E-06	E.1-3		4.19E-06	3-7	4.19E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	9		YES		4.20E-06	E.1-3		4.20E-06	3-7	4.20E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	10		YES		2.52E-06	E.1-3		2.52E-06	3-7	2.52E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	11	*	NO		2.81E-06	E.1-3	<	2.81E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,1,1-Trichloroethane	12		YES		3.03E-05	E.1-3		3.03E-05	3-7	3.03E-05	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	13		YES		3.56E-04	E.1-3		3.56E-04	3-7	3.56E-04	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	14		YES		2.05E-06	E.1-3		2.05E-06	3-7	2.05E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	16		YES		2.45E-06	E.1-3		2.45E-06	3-7	2.45E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	17		YES		1.51E-05	E.1-3		1.51E-05	3-7	1.51E-05	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	19		YES		2.25E-06	E.1-3		2.25E-06	3-7	2.25E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	20		YES		3.34E-06	E.1-3		3.34E-06	3-7	3.34E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	22		YES		4.51E-06	E.1-3		4.51E-06	3-7	4.51E-06	PPC HAP EF SUMM		x		x
1,1,1-Trichloroethane	23		YES		2.04E-06	E.1-3		2.04E-06	3-7	2.04E-06	PPC HAP EF SUMM		x		x
1,1,2,2-Tetrachloroethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2,2-Tetrachloroethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	7	*	NO	<	1.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1,2-Trichloroethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	5	*	NO	<	1.44E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,1-Dichloroethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethene	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	7	*	NO	<	1.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,1-Dichloroethene	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,1-Dichloroethene	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2,4-Trichlorobenzene	1	*	NO	<	3.51E-07	E.1-2	<	3.51E-07	3-7	0.00E+00	PPC HAP EF SUMM		x		x
1,2,4-Trichlorobenzene	2	*	NO	<	1.37E-07	E.1-2	<	1.37E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	3	*	NO	<	1.67E-07	E.1-2	<	1.67E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	5	*	NO	<	1.98E-07	E.1-2	<	1.98E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	7	*	NO	<	3.64E-07	E.1-2	<	3.64E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	9	*	NO	<	2.02E-07	E.1-2	<	2.02E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	10	*	NO	<	1.25E-07	E.1-2	<	1.25E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	11	*	NO	<	1.37E-07	E.1-2	<	1.37E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	12	*	NO	<	1.59E-07	E.1-2	<	1.59E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	13	*	NO	<	1.63E-07	E.1-2	<	1.63E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	14	*	NO	<	5.08E-08	E.1-2	<	5.08E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	16	*	NO	<	1.50E-07	E.1-2	<	1.50E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	17		YES		1.66E-08	E.1-2		1.66E-08	3-7	1.66E-08	PPC HAP EF SUMM		x	x	
1,2,4-Trichlorobenzene	19	*	NO	<	1.39E-07	E.1-2	<	1.39E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	20	*	NO	<	4.84E-08	E.1-2	<	4.84E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	22	*	NO	<	1.93E-07	E.1-2	<	1.93E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2,4-Trichlorobenzene	23	*	NO	<	1.30E-07	E.1-2	<	1.30E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
1,2-Dibromo-3-Chloropropane	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	5	*	NO	<	2.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	20	*	NO	<	4.86E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromo-3-Chloropropane	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dibromoethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

NO=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,2-Dichloroethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloroethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,2-Dichloropropane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,3-Butadiene	1	*	NO	<	7.25E-07	E.1-3	<	7.25E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	2		YES		1.20E-05	E.1-3		1.20E-05	3-7	1.20E-05	PPC HAP EF SUMM		x		x
1,3-Butadiene	3	*	NO	<	7.08E-07	E.1-3	<	7.08E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	5		YES		5.84E-06	E.1-3		5.84E-06	3-7	5.84E-06	PPC HAP EF SUMM		x		x
1,3-Butadiene	7		YES		9.42E-06	E.1-3		9.42E-06	3-7	9.42E-06	PPC HAP EF SUMM		x		x
1,3-Butadiene	9		YES		7.53E-06	E.1-3		7.53E-06	3-7	7.53E-06	PPC HAP EF SUMM		x		x
1,3-Butadiene	10		YES		7.43E-06	E.1-3		7.43E-06	3-7	7.43E-06	PPC HAP EF SUMM		x		x
1,3-Butadiene	11	*	NO	<	9.28E-07	E.1-3	<	9.28E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	12	*	NO	<	6.81E-07	E.1-3	<	6.81E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	13	*	NO	<	6.68E-07	E.1-3	<	6.68E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	14		YES		2.17E-05	E.1-3		2.17E-05	3-7	2.17E-05	PPC HAP EF SUMM		x		x
1,3-Butadiene	16	*	NO	<	7.08E-07	E.1-3	<	7.08E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	17	*	NO	<	7.08E-07	E.1-3	<	7.08E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	19		YES		1.00E-05	E.1-3		1.00E-05	3-7	1.00E-05	PPC HAP EF SUMM		x		x
1,3-Butadiene	20		YES		2.56E-05	E.1-3		2.56E-05	3-7	2.56E-05	PPC HAP EF SUMM		x		x
1,3-Butadiene	22	*	NO	<	6.76E-07	E.1-3		6.76E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
1,3-Butadiene	23		YES		6.77E-06	E.1-3		6.77E-06	3-7	6.77E-06	PPC HAP EF SUMM		x		x
1,4-Dichlorobenzene	1	*	NO	<	2.58E-06	E.1-3		1.03E-07	3-7	1.03E-07	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	2	*	NO	<	6.29E-06	E.1-3		7.63E-08	3-7	7.63E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	3	*	NO	<	2.52E-06	E.1-3		5.52E-08	3-7	5.52E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	5	*	NO	<	1.34E-06	E.1-3	<	1.65E-07	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	7	*	NO	<	1.29E-05	E.1-3		5.42E-08	3-7	5.42E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	9	*	NO	<	3.06E-06	E.1-3	<	1.75E-07	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	10	*	NO	<	2.52E-06	E.1-3		5.53E-08	3-7	5.53E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	11	*	NO	<	9.90E-07	E.1-3	<	1.17E-07	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	12	*	NO	<	2.42E-06	E.1-3		5.78E-08	3-7	5.78E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	13	*	NO	<	5.94E-06	E.1-3	<	1.11E-07	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	14	*	NO	<	2.57E-06	E.1-3		8.94E-08	3-7	8.94E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	16	*	NO	<	2.52E-06	E.1-3		9.15E-08	3-7	9.15E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	17	*	NO	<	2.52E-06	E.1-3		5.27E-08	3-7	5.27E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	19	*	NO	<	5.76E-06	E.1-3		5.01E-08	3-7	5.11E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	20	*	NO	<	2.43E-06	E.1-3		9.11E-08	3-7	9.11E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	22	*	NO	<	4.81E-06	E.1-3	<	1.59E-07	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dichlorobenzene	23	*	NO	<	2.47E-06	E.1-3		8.08E-08	3-7	8.08E-08	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	1	*	NO	<	1.03E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	2	*	NO	<	2.52E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	3	*	NO	<	1.01E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,4-Dioxane	5	*	NO	<	5.80E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	7	*	NO	<	5.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	9	*	NO	<	1.22E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	10	*	NO	<	1.01E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	11	*	NO	<	3.96E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	12	*	NO	<	9.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	13	*	NO	<	2.37E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	14	*	NO	<	1.03E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	16	*	NO	<	1.01E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	17	*	NO	<	1.01E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	19	*	NO	<	2.31E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	20	*	NO	<	9.73E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	22	*	NO	<	1.92E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Dioxane	23	*	NO	<	9.87E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
1,4-Phenylenediamine	1	*	NO	<	3.70E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	2	*	NO	<	1.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	3	*	NO	<	1.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	5	*	NO	<	3.32E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	7	*	NO	<	3.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	9	*	NO	<	2.33E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	10	*	NO	<	1.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	11	*	NO	<	2.31E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	12	*	NO	<	1.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	13	*	NO	<	1.86E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	14	*	NO	<	7.70E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	16	*	NO	<	1.71E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	17	*	NO	<	7.53E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	19	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	20	*	NO	<	7.26E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	22	*	NO	<	3.47E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
1,4-Phenylenediamine	23	*	NO	<	1.48E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	1	*	NO	<	5.82E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	2	*	NO	<	2.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	3	*	NO	<	3.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	5	*	NO	<	2.98E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	7	*	NO	<	5.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	9	*	NO	<	2.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	10	*	NO	<	2.10E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	11	*	NO	<	2.11E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	12	*	NO	<	2.73E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	13	*	NO	<	2.77E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	14	*	NO	<	9.40E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	16	*	NO	<	2.37E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	17	*	NO	<	9.64E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	19	*	NO	<	2.32E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	20	*	NO	<	8.69E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	22	*	NO	<	2.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,5-Trichlorophenol	23	*	NO	<	2.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	1	*	NO	<	5.36E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	2	*	NO	<	2.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	3	*	NO	<	2.82E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	5	*	NO	<	2.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	7	*	NO	<	5.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	9	*	NO	<	2.57E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	10	*	NO	<	1.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	11	*	NO	<	1.99E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	12	*	NO	<	2.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	13	*	NO	<	2.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	14	*	NO	<	8.94E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	16	*	NO	<	2.18E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	17	*	NO	<	9.19E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	19	*	NO	<	2.28E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	20	*	NO	<	8.26E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	22	*	NO	<	2.66E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4,6-Trichlorophenol	23	*	NO	<	2.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	1	*	NO	<	1.55E-06	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	2	*	NO	<	5.18E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	3	*	NO	<	7.16E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	5	*	NO	<	7.34E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	7	*	NO	<	1.57E-06	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
2,4-Dinitrophenol	9	*	NO	<	1.03E-06	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	10	*	NO	<	4.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	11	*	NO	<	5.15E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	12	*	NO	<	6.33E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	13	*	NO	<	6.41E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	14	*	NO	<	2.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	16	*	NO	<	5.51E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	17	*	NO	<	2.30E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	19	*	NO	<	7.69E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	20	*	NO	<	2.08E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	22	*	NO	<	5.95E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrophenol	23	*	NO	<	5.03E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	1	*	NO	<	5.10E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	2	*	NO	<	1.99E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	3	*	NO	<	2.76E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	5	*	NO	<	2.41E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	7	*	NO	<	5.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	9	*	NO	<	2.39E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	10	*	NO	<	1.86E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	11	*	NO	<	1.70E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	12	*	NO	<	2.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	13	*	NO	<	2.47E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	14	*	NO	<	7.55E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	16	*	NO	<	2.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	17	*	NO	<	7.68E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	19	*	NO	<	2.42E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	20	*	NO	<	6.98E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	22	*	NO	<	2.10E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2,4-Dinitrotoluene	23	*	NO	<	1.93E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Butanone	1		YES		1.84E-06	E.1-3		1.84E-06	3-7	1.84E-06	PPC HAP EF SUMM		x		x
2-Butanone	2		YES		2.77E-06	E.1-3		2.77E-06	3-7	2.77E-06	PPC HAP EF SUMM		x		x
2-Butanone	3		YES		2.89E-06	E.1-3		2.89E-06	3-7	2.89E-06	PPC HAP EF SUMM		x		x
2-Butanone	5		YES		2.04E-06	E.1-3		2.04E-06	3-7	2.04E-06	PPC HAP EF SUMM		x		x
2-Butanone	7	*	NO	<	2.58E-05	E.1-3	<	2.58E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	9		YES		3.02E-06	E.1-3		3.02E-06	3-7	3.02E-06	PPC HAP EF SUMM		x		x
2-Butanone	10	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	11	*	NO	<	1.79E-06	E.1-3	<	1.79E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	12		YES		1.18E-06	E.1-3		1.18E-06	3-7	1.18E-06	PPC HAP EF SUMM		x		x
2-Butanone	13	*	NO	<	1.19E-05	E.1-3	<	1.19E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	14	*	NO	<	5.14E-06	E.1-3	<	5.14E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	16		YES		1.20E-06	E.1-3		1.20E-06	3-7	1.20E-06	PPC HAP EF SUMM		x		x
2-Butanone	17	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	19		YES		1.30E-05	E.1-3		1.30E-05	3-7	1.30E-05	PPC HAP EF SUMM		x		x
2-Butanone	20		YES		1.76E-06	E.1-3		1.76E-06	3-7	1.76E-06	PPC HAP EF SUMM		x		x
2-Butanone	22	*	NO	<	9.62E-06	E.1-3	<	9.62E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
2-Butanone	23		YES		1.30E-06	E.1-3		1.30E-06	3-7	1.30E-06	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	1		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	2		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	3		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	5		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	7		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	9		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	10		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	11		YES		9.08E-06	E.1-3		9.08E-06	3-7	9.08E-06	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	12		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	13		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	14		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	16		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	17		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	19		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	20		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	22		YES		4.01E-06	E.1-3		4.01E-06	3-7	4.01E-06	PPC HAP EF SUMM		x		x
2-Chloro-1,3-Butadiene	23		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
2-Chloroacetophenone	1	*	NO	<	1.20E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	2	*	NO	<	4.90E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	3	*	NO	<	5.96E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	5	*	NO	<	9.18E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	7	*	NO	<	1.25E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	9	*	NO	<	9.41E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	10	*	NO	<	4.37E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
2-Chloroacetophenone	11	*	NO	<	6.33E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	12	*	NO	<	5.64E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	13	*	NO	<	5.83E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	14	*	NO	<	2.16E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	16	*	NO	<	5.25E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	17	*	NO	<	2.11E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	19	*	NO	<	7.64E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	20	*	NO	<	1.99E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	22	*	NO	<	9.24E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Chloroacetophenone	23	*	NO	<	4.64E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
2-Methylphenol	1	*	NO	<	3.28E-07	E.1-2	<	3.28E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	2	*	NO	<	1.17E-07	E.1-2	<	1.17E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	3		YES		2.98E-08	E.1-2		2.98E-08	3-7	2.98E-08	PPC HAP EF SUMM		x	x	
2-Methylphenol	5	*	NO	<	2.15E-07	E.1-2	<	2.15E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	7	*	NO	<	3.33E-07	E.1-2	<	3.33E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	9	*	NO	<	2.29E-07	E.1-2	<	2.29E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	10	*	NO	<	1.09E-07	E.1-2	<	1.09E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	11	*	NO	<	1.53E-07	E.1-2	<	1.53E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	12	*	NO	<	1.31E-07	E.1-2	<	1.31E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	13	*	NO	<	1.44E-07	E.1-2	<	1.44E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	14	*	NO	<	5.24E-08	E.1-2	<	5.24E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	16	*	NO	<	1.28E-07	E.1-2	<	1.28E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	17	*	NO	<	4.97E-08	E.1-2	<	4.97E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	19	*	NO	<	2.06E-07	E.1-2	<	2.06E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	20		YES		1.42E-08	E.1-2		1.42E-08	3-7	1.42E-08	PPC HAP EF SUMM		x	x	
2-Methylphenol	22	*	NO	<	2.07E-07	E.1-2	<	2.07E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
2-Methylphenol	23	*	NO	<	1.14E-07	E.1-2	<	1.14E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
3,3'-Dichlorobenzidine	1	*	NO	<	3.69E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	2	*	NO	<	1.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	3	*	NO	<	2.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	5	*	NO	<	6.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	7	*	NO	<	3.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	9	*	NO	<	1.33E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	10	*	NO	<	1.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	11	*	NO	<	4.08E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	12	*	NO	<	1.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	13	*	NO	<	2.05E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	14	*	NO	<	7.55E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	16	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	17	*	NO	<	8.59E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	19	*	NO	<	1.60E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	20	*	NO	<	6.55E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	22	*	NO	<	3.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dichlorobenzidine	23	*	NO	<	1.72E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	1	*	NO	<	3.68E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	2	*	NO	<	1.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	3	*	NO	<	2.79E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	5	*	NO	<	6.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	7	*	NO	<	3.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	9	*	NO	<	1.94E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	10	*	NO	<	1.73E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	11	*	NO	<	4.67E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	12	*	NO	<	2.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	13	*	NO	<	2.33E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	14	*	NO	<	9.09E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	16	*	NO	<	1.86E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	17	*	NO	<	1.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	19	*	NO	<	1.68E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	20	*	NO	<	7.69E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	22	*	NO	<	4.03E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3'-Dimethoxybenzidine	23	*	NO	<	1.96E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	1	*	NO	<	1.93E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	2	*	NO	<	9.36E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	3	*	NO	<	1.42E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	5	*	NO	<	2.39E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	7	*	NO	<	1.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	9	*	NO	<	7.32E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	10	*	NO	<	8.74E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	11	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	12	*	NO	<	1.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
3,3-Dimethylbenzidine	13	*	NO	<	1.18E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	14	*	NO	<	4.47E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	16	*	NO	<	9.45E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	17	*	NO	<	4.97E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	19	*	NO	<	9.15E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	20	*	NO	<	3.84E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	22	*	NO	<	1.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
3,3-Dimethylbenzidine	23	*	NO	<	9.87E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	1	*	NO	<	3.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	2	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	3	*	NO	<	2.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	5	*	NO	<	4.71E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	7	*	NO	<	3.40E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	9	*	NO	<	1.54E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	10	*	NO	<	1.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	11	*	NO	<	3.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	12	*	NO	<	1.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	13	*	NO	<	2.07E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	14	*	NO	<	7.86E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	16	*	NO	<	1.67E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	17	*	NO	<	8.89E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	19	*	NO	<	1.72E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	20	*	NO	<	6.69E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	22	*	NO	<	2.99E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4,4'-Methylenedianiline	23	*	NO	<	1.75E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	1	*	NO	<	1.58E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	2	*	NO	<	7.34E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	3	*	NO	<	1.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	5	*	NO	<	1.05E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	7	*	NO	<	1.55E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	9	*	NO	<	9.41E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	10	*	NO	<	6.85E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	11	*	NO	<	7.43E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	12	*	NO	<	8.60E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	13	*	NO	<	9.24E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	14	*	NO	<	2.93E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	16	*	NO	<	7.50E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	17	*	NO	<	3.16E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	19	*	NO	<	7.89E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	20	*	NO	<	2.71E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	22	*	NO	<	8.67E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Aminobiphenyl	23	*	NO	<	7.33E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Methyl-2-Pentanone	1	*	NO	<	2.58E-06	E.1-3	<	2.58E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	2	*	NO	<	6.29E-06	E.1-3	<	6.29E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	3		YES		1.16E-04	E.1-3		1.16E-04	3-7	1.16E-04	PPC HAP EF SUMM		x		x
4-Methyl-2-Pentanone	5	*	NO	<	1.57E-06	E.1-3	<	1.57E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	7	*	NO	<	1.29E-05	E.1-3	<	1.29E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	9	*	NO	<	3.06E-06	E.1-3	<	3.06E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	10	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	11	*	NO	<	9.90E-07	E.1-3	<	9.90E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	12	*	NO	<	2.42E-06	E.1-3	<	2.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	13	*	NO	<	5.94E-06	E.1-3	<	5.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	14	*	NO	<	2.57E-06	E.1-3	<	2.57E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	16	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	17	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	19	*	NO	<	5.76E-06	E.1-3	<	5.76E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	20	*	NO	<	2.43E-06	E.1-3	<	2.43E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	22	*	NO	<	2.21E-05	E.1-3	<	2.21E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Methyl-2-Pentanone	23	*	NO	<	2.47E-06	E.1-3	<	2.47E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
4-Nitrobiphenyl	1	*	NO	<	3.37E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	2	*	NO	<	1.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	3	*	NO	<	2.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	5	*	NO	<	2.13E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	7	*	NO	<	3.27E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	9	*	NO	<	1.91E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	10	*	NO	<	1.34E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	11	*	NO	<	1.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	12	*	NO	<	1.69E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	13	*	NO	<	1.83E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	14	*	NO	<	6.47E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Grey Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
4-Nitrobiphenyl	16	*	NO	<	1.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	17	*	NO	<	6.93E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	19	*	NO	<	1.75E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	20	*	NO	<	5.98E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	22	*	NO	<	1.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrobiphenyl	23	*	NO	<	1.44E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	1	*	NO	<	9.66E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	2	*	NO	<	3.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	3	*	NO	<	4.98E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	5	*	NO	<	5.67E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	7	*	NO	<	9.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	9	*	NO	<	6.22E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	10	*	NO	<	3.38E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	11	*	NO	<	3.97E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	12	*	NO	<	4.41E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	13	*	NO	<	4.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	14	*	NO	<	1.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	16	*	NO	<	3.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	17	*	NO	<	1.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	19	*	NO	<	5.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	20	*	NO	<	1.68E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	22	*	NO	<	4.52E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
4-Nitrophenyl	23	*	NO	<	3.50E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	1	*	NO	<	2.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	2	*	NO	<	8.50E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	3	*	NO	<	1.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	5	*	NO	<	1.52E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	7	*	NO	<	2.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	9	*	NO	<	1.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	10	*	NO	<	7.72E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	11	*	NO	<	1.05E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	12	*	NO	<	9.94E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	13	*	NO	<	1.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	14	*	NO	<	3.54E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	16	*	NO	<	9.30E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	17	*	NO	<	3.46E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	19	*	NO	<	9.65E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	20	*	NO	<	3.27E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	22	*	NO	<	1.44E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
a,a,a-Trichlorotoluene	23	*	NO	<	8.08E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Acetaldehyde	1		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acetaldehyde	2		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acetaldehyde	3		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acetaldehyde	5		YES		6.69E-06	E.1-3		6.69E-06	3-7	6.69E-06	PPC HAP EF SUMM	Volume 2	x		x
Acetaldehyde	7		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	9		YES		7.64E-06	E.1-3		7.64E-06	3-7	7.64E-06	PPC HAP EF SUMM		x		x
Acetaldehyde	10		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	11		YES		1.65E-06	E.1-3		1.65E-06	3-7	1.65E-06	PPC HAP EF SUMM		x		x
Acetaldehyde	12		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	13		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	14		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	16		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	17		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	19		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	20		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetaldehyde	22		YES		4.01E-06	E.1-3		4.01E-06	3-7	4.01E-06	PPC HAP EF SUMM		x		x
Acetaldehyde	23		YES		ND	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetonitrile	1	*	NO	<	5.15E-06	E.1-3	<	5.15E-06	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetonitrile	2	*	NO	<	1.26E-05	E.1-3	<	1.26E-05	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetonitrile	3	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetonitrile	5		YES		5.47E-06	E.1-3		5.47E-06	3-7	5.47E-06	PPC HAP EF SUMM		x		x
Acetonitrile	7	*	NO	<	2.58E-06	E.1-3	<	2.58E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	9	*	NO	<	6.12E-06	E.1-3	<	6.12E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	10	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	11	*	NO	<	1.98E-06	E.1-3	<	1.98E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	12	*	NO	<	4.84E-06	E.1-3	<	4.84E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	13	*	NO	<	1.19E-05	E.1-3	<	1.19E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	14	*	NO	<	5.14E-06	E.1-3	<	5.14E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	16	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	17	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Acetonitrile	19	*	NO	<	1.15E-05	E.1-3	<	1.15E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	20	*	NO	<	4.86E-06	E.1-3	<	4.86E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	22	*	NO	<	9.62E-06	E.1-3	<	9.62E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetonitrile	23	*	NO	<	9.42E-09	E.1-3	<	4.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acetophenone	1		NO		ND	E.1-3		5.09E-07	3-7	5.09E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	2		NO		ND	E.1-3		1.39E-06	3-7	1.39E-06	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	3		NO		ND	E.1-3		4.25E-07	3-7	4.25E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	5		YES		ND	E.1-3		0.00E+00	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetophenone	7		NO		ND	E.1-3		8.74E-07	3-7	8.74E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	9		NO		1.15E-04	E.1-3		4.40E-04	3-7	4.40E-04	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	10		NO		ND	E.1-3		4.36E-07	3-7	4.36E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	11		YES		ND	E.1-3		0.00E+00	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Acetophenone	12		NO		ND	E.1-3		2.17E-06	3-7	2.17E-06	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	13		NO		ND	E.1-3		5.05E-07	3-7	5.05E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	14		NO		ND	E.1-3		2.16E-06	3-7	2.16E-06	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	16		NO		ND	E.1-3		6.44E-07	3-7	6.44E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	17		NO		ND	E.1-3		6.49E-07	3-7	6.49E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	19		NO		ND	E.1-3		2.21E-07	3-7	2.25E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	20		NO		ND	E.1-3		8.33E-07	3-7	8.33E-07	PPC HAP EF SUMM	Volume 2	x		x
Acetophenone	22		YES		4.01E-06	E.1-3		4.01E-06	3-7	4.01E-06	PPC HAP EF SUMM		x		x
Acetophenone	23		NO		ND	E.1-3		3.37E-07	3-7	3.37E-07	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	5	*	NO	<	2.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	20	*	NO	<	5E-04	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrolein	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Acrylonitrile	1	*	NO	<	5.15E-06	E.1-3	<	5.15E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	2	*	NO	<	1.26E-05	E.1-3	<	1.26E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	3	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	5	*	NO	<	2.68E-06	E.1-3	<	2.68E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	7	*	NO	<	2.58E-05	E.1-3	<	2.58E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	9	*	NO	<	6.12E-06	E.1-3	<	6.12E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	10	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	11	*	NO	<	1.98E-06	E.1-3	<	1.98E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	12	*	NO	<	4.84E-06	E.1-3	<	4.84E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	13	*	NO	<	1.19E-05	E.1-3	<	1.19E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	14		NO		5.14E-06	E.1-3		3.02E-05	3-7	3.02E-05	PPC HAP EF SUMM	Volume 2	x		x
Acrylonitrile	16	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	17	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	19	*	NO	<	1.15E-05	E.1-3	<	1.15E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	20	*	NO	<	5E-04	E.1-3	<	4.86E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	22	*	NO	<	9.62E-06	E.1-3	<	9.62E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Acrylonitrile	23	*	NO	<	4.94E-06	E.1-3	<	4.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Allyl Chloride	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	5	*	NO	<	2.65E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	20	*	NO	<	5E-04	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Grey Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Allyl Chloride	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Allyl Chloride	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Aniline	1	*	NO	<	1.56E-07	E.1-2	<	1.56E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	2		YES		4.16E-07	E.1-2		4.16E-07	3-7	4.16E-07	PPC HAP EF SUMM		x	x	
Aniline	3		YES		7.08E-07	E.1-2		7.08E-07	3-7	7.08E-07	PPC HAP EF SUMM		x	x	
Aniline	5		YES		2.01E-06	E.1-2		2.01E-06	3-7	2.01E-06	PPC HAP EF SUMM		x	x	
Aniline	7	*	NO	<	1.59E-07	E.1-2	<	1.59E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	9	*	NO	<	1.49E-07	E.1-2	<	1.49E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	10	*	NO	<	5.24E-08	E.1-2	<	5.24E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	11	*	NO		2.61E-07	E.1-2		2.61E-07	3-7	2.46E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	12	*	NO	<	6.38E-08	E.1-2	<	6.38E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	13	*	NO	<	6.96E-08	E.1-2	<	6.96E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	14	*	NO	<	2.93E-08	E.1-2	<	2.93E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	16	*	NO	<	6.15E-08	E.1-2	<	6.15E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	17		YES		1.02E-03	E.1-2		1.02E-03	3-7	1.02E-03	PPC HAP EF SUMM		x	x	
Aniline	19	*	NO	<	1.05E-07	E.1-2	<	1.05E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	20	*	NO	<	2.71E-08	E.1-2	<	2.71E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	22	*	NO		4.26E-06	E.1-2		4.26E-06	3-7	4.25E-06	PPC HAP EF SUMM	Revised AP-42	x	x	
Aniline	23		YES		2.83E-06	E.1-2		2.83E-06	3-7	2.83E-06	PPC HAP EF SUMM		x	x	
Benzene	1		YES		1.08E-06	E.1-3		1.08E-06	3-7	1.08E-06	PPC HAP EF SUMM		x		x
Benzene	2		YES		1.36E-06	E.1-3		1.36E-06	3-7	1.36E-06	PPC HAP EF SUMM		x		x
Benzene	3		YES		1.18E-06	E.1-3		1.18E-06	3-7	1.18E-06	PPC HAP EF SUMM		x		x
Benzene	5	*	NO	<	1.14E-06	E.1-3	<	1.14E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	7	*	NO	<	2.09E-06	E.1-3	<	2.09E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	9	*	NO	<	1.24E-06	E.1-3	<	1.24E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	10	*	NO	<	1.02E-06	E.1-3	<	1.02E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	11	*	NO	<	8.04E-07	E.1-3	<	8.04E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	12	*	NO	<	9.83E-07	E.1-3	<	9.83E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	13	*	NO	<	9.65E-07	E.1-3	<	9.65E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	14		YES		1.15E-06	E.1-3		1.15E-06	3-7	1.15E-06	PPC HAP EF SUMM		x		x
Benzene	16		YES		9.88E-07	E.1-3		9.88E-07	3-7	9.88E-07	PPC HAP EF SUMM		x		x
Benzene	17		YES		1.06E-06	E.1-3		1.06E-06	3-7	1.06E-06	PPC HAP EF SUMM		x		x
Benzene	19		YES		5.62E-06	E.1-3		5.62E-06	3-7	5.62E-06	PPC HAP EF SUMM		x		x
Benzene	20		YES		1.00E-06	E.1-3		1.00E-06	3-7	1.00E-06	PPC HAP EF SUMM		x		x
Benzene	22	*	NO	<	1.09E-06	E.1-3		1.09E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzene	23	*	NO	<	1.00E-06	E.1-3		1.00E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Benzidine	1	*	NO	<	1.91E-07	E.1-2	<	1.91E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	2	*	NO	<	8.50E-08	E.1-2	<	8.50E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	3	*	NO	<	1.28E-07	E.1-2	<	1.28E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	5	*	NO		4.54E-06	E.1-2		4.54E-06	3-7	4.53E-06	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	7	*	NO	<	1.78E-07	E.1-2	<	1.78E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	9	*	NO	<	7.62E-08	E.1-2	<	7.62E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	10	*	NO	<	8.01E-08	E.1-2	<	8.01E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	11	*	NO	<	2.92E-07	E.1-2	<	2.92E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	12	*	NO	<	9.49E-08	E.1-2	<	9.49E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	13	*	NO	<	1.07E-07	E.1-2	<	1.07E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	14	*	NO	<	4.62E-08	E.1-2	<	4.62E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	16	*	NO	<	8.55E-08	E.1-2	<	8.55E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	17	*	NO	<	5.12E-08	E.1-2	<	5.12E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	19	*	NO	<	1.03E-07	E.1-2	<	1.03E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	20	*	NO	<	3.84E-08	E.1-2	<	3.84E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	22		NO		2.79E-07	E.1-2		2.79E-07	3-7	2.81E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzidine	23	*	NO	<	8.97E-08	E.1-2	<	8.97E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Benzyl Chloride	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	5	*	NO	<	2.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	20	*	NO	<	4.86E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Benzyl Chloride	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Biphenyl	1	*	NO	<	1.28E-07	E.1-2	<	1.28E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	2	*	NO	<	5.62E-08	E.1-2	<	5.62E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	3		YES		1.40E-07	E.1-2		1.40E-07	3-7	1.40E-07	PPC HAP EF SUMM		x	x	
Biphenyl	5		YES		3.06E-07	E.1-2		3.06E-07	3-7	3.06E-07	PPC HAP EF SUMM		x	x	
Biphenyl	7	*	NO	<	1.30E-07	E.1-2	<	1.30E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	9	*	NO	<	9.41E-08	E.1-2	<	9.41E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	10	*	NO	<	5.24E-08	E.1-2	<	5.24E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	11	*	NO	<	5.91E-08	E.1-2	<	5.91E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	12	*	NO	<	6.82E-08	E.1-2	<	6.82E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	13	*	NO	<	6.96E-08	E.1-2	<	6.96E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	14	*	NO	<	2.31E-08	E.1-2	<	2.31E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	16	*	NO	<	6.00E-08	E.1-2	<	6.00E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	17	*	NO	<	2.41E-08	E.1-2	<	2.41E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	19	*	NO	<	7.77E-08	E.1-2	<	7.77E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	20	*	NO	<	2.14E-08	E.1-2	<	2.14E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	22	*	NO	<	7.75E-08	E.1-2	<	7.75E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Biphenyl	23	*	NO	<	5.38E-08	E.1-2	<	5.38E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
bis(2-Chloroethyl)ether	1	*	NO	<	2.90E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	2	*	NO	<	1.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	3	*	NO	<	1.22E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	5	*	NO	<	2.29E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	7	*	NO	<	2.94E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	9	*	NO	<	2.50E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	10	*	NO	<	9.61E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	11	*	NO	<	1.62E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	12	*	NO	<	1.16E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	13	*	NO	<	1.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	14	*	NO	<	5.08E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	16	*	NO	<	1.13E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	17	*	NO	<	4.82E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	19	*	NO	<	1.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	20	*	NO	<	4.84E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	22	*	NO	<	2.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Chloroethyl)ether	23	*	NO	<	1.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
bis(2-Ethylhexyl)Phthalate	1		YES		4.20E-06	E.1-2		4.20E-06	3-7	4.20E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	2		YES		2.48E-06	E.1-2		2.48E-06	3-7	2.48E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	3		YES		2.14E-06	E.1-2		2.14E-06	3-7	2.14E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	5		YES		3.83E-06	E.1-2		3.83E-06	3-7	3.83E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	7		YES		1.15E-05	E.1-2		1.15E-05	3-7	1.15E-05	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	9		YES		2.60E-06	E.1-2		2.60E-06	3-7	2.60E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	10		YES		2.83E-06	E.1-2		2.83E-06	3-7	2.83E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	11	*	NO		1.69E-06	E.1-2		1.69E-06	3-7	1.67E-06	PPC HAP EF SUMM	Revised AP-42	x	x	
bis(2-Ethylhexyl)Phthalate	12		YES		3.63E-06	E.1-2		3.63E-06	3-7	3.63E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	13		YES		1.78E-05	E.1-2		1.78E-05	3-7	1.78E-05	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	14		YES		2.41E-06	E.1-2		2.41E-06	3-7	2.41E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	16		YES		3.07E-06	E.1-2		3.07E-06	3-7	3.07E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	17		YES		4.14E-06	E.1-2		4.14E-06	3-7	4.14E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	19		NO		4.33E-06	E.1-2		4.33E-06	3-7	4.41E-06	PPC HAP EF SUMM	Revised AP-42	x	x	
bis(2-Ethylhexyl)Phthalate	20		YES		2.57E-06	E.1-2		2.57E-06	3-7	2.57E-06	PPC HAP EF SUMM		x	x	
bis(2-Ethylhexyl)Phthalate	22		NO		2.65E-06	E.1-2		2.65E-06	3-7	2.67E-06	PPC HAP EF SUMM	Revised AP-42	x	x	
bis(2-Ethylhexyl)Phthalate	23		YES		6.50E-06	E.1-2		6.50E-06	3-7	6.50E-06	PPC HAP EF SUMM		x	x	
Bromoform	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromoform	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Bromomethane	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Bromomethane	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Carbon Disulfide	1		YES		2.16E-06	E.1-3		2.16E-06	3-7	2.16E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	2		YES		5.35E-04	E.1-3		5.35E-04	3-7	5.35E-04	PPC HAP EF SUMM		x		x
Carbon Disulfide	3		YES		3.15E-06	E.1-3		3.15E-06	3-7	3.15E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	5		YES		3.46E-06	E.1-3		3.46E-06	3-7	3.46E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	7	*	NO	<	1.29E-05	E.1-3	<	1.29E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Carbon Disulfide	9		YES		4.20E-06	E.1-3		4.20E-06	3-7	4.20E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	10		YES		1.32E-03	E.1-3		1.32E-03	3-7	1.32E-03	PPC HAP EF SUMM		x		x
Carbon Disulfide	11		NO		3.47E-06	E.1-3		3.47E-04	3-7	3.47E-04	PPC HAP EF SUMM	Volume 2	x		x
Carbon Disulfide	12		YES		5.75E-04	E.1-3		5.75E-04	3-7	5.75E-04	PPC HAP EF SUMM		x		x
Carbon Disulfide	13		YES		9.50E-04	E.1-3		9.50E-04	3-7	9.50E-04	PPC HAP EF SUMM		x		x
Carbon Disulfide	14		YES		8.67E-04	E.1-3		8.67E-04	3-7	8.67E-04	PPC HAP EF SUMM		x		x
Carbon Disulfide	16		YES		5.66E-06	E.1-3		5.66E-06	3-7	5.66E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	17		YES		6.29E-06	E.1-3		6.29E-06	3-7	6.29E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	19	*	NO		5.76E-06	E.1-3	<	5.76E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Carbon Disulfide	20		YES		4.25E-06	E.1-3		4.25E-06	3-7	4.25E-06	PPC HAP EF SUMM		x		x
Carbon Disulfide	22		YES		1.63E-04	E.1-3		1.63E-04	3-7	1.63E-04	PPC HAP EF SUMM		x		x
Carbon Disulfide	23		YES		8.64E-06	E.1-3		8.64E-06	3-7	8.64E-06	PPC HAP EF SUMM		x		x
Carbonyl Sulfide	1		NO		ND	E.1-3	<	3.16E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	2		NO		ND	E.1-3		3.65E-06	3-7	3.65E-05	PPC HAP EF SUMM	Volume 2	x		x
Carbonyl Sulfide	3		NO		ND	E.1-3	<	3.08E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	5		NO		ND	E.1-3	<	4.50E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	7		NO		ND	E.1-3	<	6.44E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	9		NO		ND	E.1-3	<	3.75E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	10		NO		ND	E.1-3	<	3.11E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	11		NO		6.60E-07	E.1-3	<	3.25E-06	3-7	6.60E-07	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	12		NO		9.08E-06	E.1-3		4.39E-05	3-7	4.39E-05	PPC HAP EF SUMM	Volume 2	x		x
Carbonyl Sulfide	13		NO		ND	E.1-3		3.33E-05	3-7	3.32E-05	PPC HAP EF SUMM	Volume 2	x		x
Carbonyl Sulfide	14		NO		1.61E-05	E.1-3	*	8.79E-05	3-7	8.80E-05	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	16		NO		ND	E.1-3	<	3.08E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	17		NO		ND	E.1-3	<	3.08E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	19		NO		ND	E.1-3	<	2.88E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	20		NO		ND	E.1-3	<	2.98E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	22		NO		ND	E.1-3	<	4.00E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Carbonyl Sulfide	23		NO		ND	E.1-3		2.64E-05	3-7	2.65E-05	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chlorobenzene	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroethane	1	*	NO	<	2.58E-06	E.1-3	<	2.58E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	2	*	NO	<	6.29E-06	E.1-3	<	6.29E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	3	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	5	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Chloroethane	7	*	NO	<	1.29E-05	E.1-3	<	1.29E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	9	*	NO	<	3.06E-06	E.1-3	<	3.06E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	10	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	11	*	NO	<	9.90E-07	E.1-3	<	9.90E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	12	*	NO	<	2.42E-06	E.1-3	<	2.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	13	*	NO	<	5.94E-06	E.1-3	<	5.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	14	*	NO	<	2.57E-06	E.1-3	<	2.57E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	16	*	NO	<	2.52E-06	E.1-3		1.48E-06	3-7	1.48E-06	PPC HAP EF SUMM	Volume 2	x		x
Chloroethane	17	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	19	*	NO	<	5.76E-06	E.1-3	<	5.76E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	20	*	NO	<	2.43E-06	E.1-3	<	2.43E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	22	*	NO	<	4.81E-06	E.1-3	<	4.81E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroethane	23	*	NO	<	2.47E-06	E.1-3	<	2.47E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloroform	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloroform	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Chloromethane	1		YES		1.06E-06	E.1-3		1.06E-06	3-7	1.06E-06	PPC HAP EF SUMM		x		x
Chloromethane	2	*	NO	<	6.29E-06	E.1-3	<	6.29E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	3		YES		7.87E-07	E.1-3		7.87E-07	3-7	7.87E-07	PPC HAP EF SUMM		x		x
Chloromethane	5	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	7	*	NO	<	1.29E-05	E.1-3	<	1.29E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	9	*	NO	<	3.06E-06	E.1-3	<	3.06E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	10	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	11	*	NO	<	9.90E-07	E.1-3	<	9.90E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	12		YES		8.77E-07	E.1-3		8.77E-07	3-7	8.77E-07	PPC HAP EF SUMM		x		x
Chloromethane	13	*	NO	<	5.94E-06	E.1-3	<	5.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	14	*	NO	<	2.57E-06	E.1-3	<	2.57E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	16		YES		6.61E-07	E.1-3		6.61E-07	3-7	6.61E-07	PPC HAP EF SUMM		x		x
Chloromethane	17		YES		1.04E-06	E.1-3		1.04E-06	3-7	1.04E-06	PPC HAP EF SUMM		x		x
Chloromethane	19	*	NO	<	5.76E-06	E.1-3	<	5.76E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	20		YES		9.73E-07	E.1-3		9.73E-07	3-7	9.73E-07	PPC HAP EF SUMM		x		x
Chloromethane	22	*	NO	<	4.81E-06	E.1-3	<	4.81E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Chloromethane	23		YES		1.05E-06	E.1-3		1.05E-06	3-7	1.05E-06	PPC HAP EF SUMM		x		x
Cumene	1	*	NO	<	1.61E-06	E.1-3		3.64E-08	3-7	3.64E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	2	*	NO	<	1.57E-06	E.1-3		5.90E-08	3-7	5.90E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	3	*	NO	<	1.57E-06	E.1-3		5.96E-08	3-7	5.96E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	5	*	NO	<	2.04E-06	E.1-3		9.03E-08	3-7	9.03E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	7	*	NO	<	3.22E-06	E.1-3		7.43E-08	3-7	7.43E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	9		YES		2.76E-06	E.1-3		2.76E-06	3-7	2.76E-06	PPC HAP EF SUMM		x		x
Cumene	10	*	NO	<	1.57E-06	E.1-3		3.20E-08	3-7	3.20E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	11	*	NO	<	1.24E-06	E.1-3		3.55E-08	3-7	3.44E-08	PPC HAP EF SUMM	Multiple Sources	x		x
Cumene	12	*	NO	<	1.51E-06	E.1-3		4.00E-08	3-7	4.00E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	13	*	NO	<	1.48E-06	E.1-3		4.55E-08	3-7	4.55E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	14	*	NO	<	1.61E-06	E.1-3		5.08E-08	3-7	5.08E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	16	*	NO	<	1.57E-06	E.1-3	<	4.05E-08	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Cumene	17	*	NO	<	1.57E-06	E.1-3		4.82E-08	3-7	4.82E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	19	*	NO	<	1.44E-06	E.1-3	<	7.27E-08	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Cumene	20	*	NO	<	1.52E-06	E.1-3		4.27E-08	3-7	4.27E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	22	*	NO	<	1.50E-06	E.1-3		9.44E-08	3-7	9.44E-08	PPC HAP EF SUMM	Volume 2	x		x
Cumene	23	*	NO	<	1.54E-06	E.1-3		2.24E-08	3-7	2.24E-08	PPC HAP EF SUMM	Volume 2	x		x
Di-n-butylphthalate	1		YES		5.47E-08	E.1-2		5.47E-08	3-7	5.47E-08	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	2		YES		2.11E-06	E.1-2		2.11E-06	3-7	2.11E-06	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	3		YES		3.01E-07	E.1-2		3.01E-07	3-7	3.01E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	5		YES		1.39E-07	E.1-2		1.39E-07	3-7	1.39E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	7		YES		7.80E-07	E.1-2		7.80E-07	3-7	7.80E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	9		YES		7.16E-06	E.1-2		7.16E-06	3-7	7.16E-06	PPC HAP EF SUMM		x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Di-n-butylphthalate	10		YES		8.30E-08	E.1-2		8.30E-08	3-7	8.30E-08	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	11		YES		0.00E+00	E.1-2		0.00E+00	3-7	0.00E+00	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	12		YES		2.58E-07	E.1-2		2.58E-07	3-7	2.58E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	13		YES		ND	E.1-2		0.00E+00	3-7	0.00E+00	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	14		YES		4.78E-07	E.1-2		4.78E-07	3-7	4.78E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	16		YES		5.40E-08	E.1-2		5.40E-08	3-7	5.40E-08	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	17		YES		9.64E-06	E.1-2		9.64E-06	3-7	9.64E-06	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	19		NO		2.12E-07	E.1-2		2.12E-07	3-7	2.16E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Di-n-butylphthalate	20		YES		4.47E-07	E.1-2		4.47E-07	3-7	4.47E-07	PPC HAP EF SUMM		x	x	
Di-n-butylphthalate	22	*	NO		1.42E-07	E.1-2		1.42E-07	3-7	1.35E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Di-n-butylphthalate	23		YES		3.59E-06	E.1-2		3.59E-06	3-7	3.59E-06	PPC HAP EF SUMM		x	x	
Dibenzofuran	1		YES		6.38E-08	E.1-2		6.38E-08	3-7	6.38E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	2		YES		5.04E-08	E.1-2		5.04E-08	3-7	5.04E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	3		YES		1.54E-07	E.1-2		1.54E-07	3-7	1.54E-07	PPC HAP EF SUMM		x	x	
Dibenzofuran	5		NO	<	6.45E-08	E.1-2	<	6.45E-08	3-7	1.39E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	7	*	NO	<	1.33E-07	E.1-2	<	1.33E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	9	*	NO	<	6.87E-08	E.1-2	<	6.87E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	10		YES		2.77E-08	E.1-2		2.77E-08	3-7	2.77E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	11	*	NO	<	4.61E-08	E.1-2	<	4.61E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	12		YES		5.64E-08	E.1-2		5.64E-08	3-7	5.64E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	13		YES		3.27E-08	E.1-2		3.27E-08	3-7	3.27E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	14		YES		5.70E-08	E.1-2		5.70E-08	3-7	5.70E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	16		YES		4.05E-08	E.1-2		4.05E-08	3-7	4.05E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	17		YES		3.31E-08	E.1-2		3.31E-08	3-7	3.31E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	19	*	NO	<	6.52E-08	E.1-2	<	6.52E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	20		YES		3.99E-08	E.1-2		3.99E-08	3-7	3.99E-08	PPC HAP EF SUMM		x	x	
Dibenzofuran	22	*	NO	<	6.21E-08	E.1-2	<	6.21E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dibenzofuran	23		YES		4.19E-08	E.1-2		4.19E-08	3-7	4.19E-08	PPC HAP EF SUMM		x	x	
Dimethylaminoazobenzene	1	*	NO	<	3.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	2	*	NO	<	1.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	3	*	NO	<	2.16E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	5	*	NO	<	2.79E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	7	*	NO	<	2.99E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	9	*	NO	<	1.14E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	10	*	NO	<	1.35E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	11	*	NO	<	1.90E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	12	*	NO	<	1.60E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	13	*	NO	<	1.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	14	*	NO	<	6.47E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	16	*	NO	<	1.44E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	17	*	NO	<	7.38E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	19	*	NO	<	2.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	20	*	NO	<	5.55E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	22	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylaminoazobenzene	23	*	NO	<	1.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Dimethylphthalate	1	*	NO	<	1.61E-07	E.1-2	<	1.61E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	2		YES		7.78E-08	E.1-2		7.78E-08	3-7	7.78E-08	PPC HAP EF SUMM		x	x	
Dimethylphthalate	3	*	NO	<	8.80E-08	E.1-2	<	8.80E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	5		YES		1.80E-07	E.1-2		1.80E-07	3-7	1.80E-07	PPC HAP EF SUMM		x	x	
Dimethylphthalate	7	*	NO	<	1.64E-07	E.1-2	<	1.64E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	9		YES		6.72E-08	E.1-2		6.72E-08	3-7	6.72E-08	PPC HAP EF SUMM		x	x	
Dimethylphthalate	10	*	NO	<	5.97E-08	E.1-2	<	5.97E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	11	*	NO	<	6.18E-08	E.1-2	<	6.18E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	12	*	NO	<	7.71E-08	E.1-2	<	7.71E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	13	*	NO	<	7.82E-08	E.1-2	<	7.82E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	14		YES		6.62E-08	E.1-2		6.62E-08	3-7	6.62E-08	PPC HAP EF SUMM		x	x	
Dimethylphthalate	16		YES		5.55E-08	E.1-2		5.55E-08	3-7	5.55E-08	PPC HAP EF SUMM		x	x	
Dimethylphthalate	17		YES		6.18E-08	E.1-2		6.18E-08	3-7	6.18E-08	PPC HAP EF SUMM		x	x	
Dimethylphthalate	19	*	NO	<	8.14E-08	E.1-2	<	8.14E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	20	*	NO	<	2.28E-08	E.1-2	<	2.28E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	22	*	NO		9.90E-08	E.1-2		9.90E-08	3-7	9.87E-08	PPC HAP EF SUMM	Revised AP-42	x	x	
Dimethylphthalate	23	*	NO	<	6.13E-08	E.1-2	<	6.13E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Epichlorohydrin	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	5	*	NO	<	2.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Epichlorohydrin	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	20	*	NO	<	4.86E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Epichlorohydrin	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Ethylbenzene	1	*	NO	<	1.42E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	2	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	3	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	5		YES		1.34E-06	E.1-3		1.34E-06	3-7	1.34E-06	PPC HAP EF SUMM		x		x
Ethylbenzene	7	*	NO	<	2.85E-06	E.1-3	<	2.85E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	9	*	NO	<	1.69E-06	E.1-3	<	1.69E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	10	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	11	*	NO	<	1.09E-06	E.1-3	<	1.09E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	12	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	13	*	NO	<	1.31E-06	E.1-3	<	1.31E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	14	*	NO	<	1.42E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	16	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	17	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	19	*	NO	<	1.27E-06	E.1-3	<	1.27E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	20	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	22	*	NO	<	1.33E-06	E.1-3	<	1.33E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Ethylbenzene	23	*	NO	<	1.36E-06	E.1-3	<	1.36E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobenzene	1	*	NO	<	5.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	2	*	NO	<	2.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	3	*	NO	<	3.24E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	5	*	NO	<	2.79E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	7	*	NO	<	5.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	9	*	NO	<	2.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	10	*	NO	<	2.08E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	11	*	NO	<	1.99E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	12	*	NO	<	2.63E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	13	*	NO	<	2.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	14	*	NO	<	8.01E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	16	*	NO	<	2.31E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	17	*	NO	<	8.59E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	19	*	NO	<	1.70E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	20	*	NO	<	7.40E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	22	*	NO	<	2.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobenzene	23	*	NO	<	2.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorobutadiene	1	*	NO	<	6.16E-07		<	6.16E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	2	*	NO	<	2.38E-07		<	2.38E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	3	*	NO	<	2.92E-07		<	2.92E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	5	*	NO	<	3.37E-07		<	3.37E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	7	*	NO	<	6.39E-07		<	6.39E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	9		YES		3.93E-07			3.93E-07		3.93E-07			x	x	
Hexachlorobutadiene	10	*	NO	<	2.17E-07		<	2.17E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	11	*	NO	<	2.33E-07		<	2.33E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	12	*	NO	<	2.77E-07		<	2.77E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	13	*	NO	<	2.86E-07		<	2.86E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	14	*	NO	<	1.02E-07		<	1.02E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	16	*	NO	<	2.61E-07		<	2.61E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	17	*	NO	<	9.94E-08		<	9.94E-08		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	19	*	NO	<	1.88E-07		<	1.88E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	20	*	NO	<	9.54E-08		<	9.54E-08		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	22	*	NO	<	3.36E-07		<	3.36E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	23	*	NO	<	2.26E-07		<	2.26E-07		0.00E+00		Revised AP-42	x	x	
Hexachlorobutadiene	1	*	NO	<	5.15E-06	E.1-3	<	6.16E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobutadiene	2	*	NO	<	1.26E-05	E.1-3	<	2.38E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobutadiene	3	*	NO	<	5.03E-06	E.1-3	<	2.92E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobutadiene	5	*	NO	<	2.68E-06	E.1-3	<	3.37E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobutadiene	7	*	NO	<	2.58E-05	E.1-3	<	6.39E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexachlorobutadiene	9	*	NO	<	6.12E-06	E.1-3		3.93E-07	3-7	3.93E-07	PPC HAP EF SUMM	Volume 2	x		x
Hexachlorobutadiene	10	*	NO	<	5.03E-06	E.1-3	<	2.17E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	11	*	NO	<	1.98E-06	E.1-3	<	2.33E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	12	*	NO	<	4.84E-06	E.1-3	<	2.77E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	13	*	NO	<	1.19E-05	E.1-3	<	2.86E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Hexachlorobutadiene	14	*	NO	<	5.14E-06	E.1-3	<	1.02E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	16	*	NO	<	5.03E-06	E.1-3	<	2.61E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	17	*	NO	<	5.03E-06	E.1-3	<	9.94E-08	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	19	*	NO	<	1.15E-05	E.1-3	<	1.88E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	20	*	NO	<	4.86E-06	E.1-3	<	9.54E-08	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	22	*	NO	<	9.62E-06	E.1-3	<	3.36E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorobutadiene	23	*	NO	<	4.94E-06	E.1-3	<	2.26E-07	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
Hexachlorocyclopentadiene	1	*	NO	<	5.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	2	*	NO	<	2.07E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	3	*	NO	<	2.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	5	*	NO	<	3.32E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	7	*	NO	<	5.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	9	*	NO	<	3.05E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	10	*	NO	<	1.94E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	11	*	NO	<	2.35E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	12	*	NO	<	2.52E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	13	*	NO	<	2.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	14	*	NO	<	8.63E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	16	*	NO	<	2.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	17	*	NO	<	8.89E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	19	*	NO	<	1.98E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	20	*	NO	<	8.12E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	22	*	NO	<	3.39E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachlorocyclopentadiene	23	*	NO	<	2.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	1	*	NO	<	5.36E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	2	*	NO	<	1.86E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	3	*	NO	<	2.22E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	5	*	NO	<	3.35E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	7	*	NO	<	5.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	9	*	NO	<	3.59E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	10	*	NO	<	1.75E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	11	*	NO	<	2.38E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	12	*	NO	<	2.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	13	*	NO	<	2.30E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	14	*	NO	<	8.78E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	16	*	NO	<	2.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	17	*	NO	<	8.28E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	19	*	NO	<	2.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	20	*	NO	<	8.40E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	22	*	NO	<	3.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexachloroethane	23	*	NO	<	1.82E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hexane	1		YES		7.49E-06	E.1-3		7.49E-06	3-7	7.49E-06	PPC HAP EF SUMM		x		x
Hexane	2		YES		1.03E-05	E.1-3		1.03E-05	3-7	1.03E-05	PPC HAP EF SUMM		x		x
Hexane	3		YES		6.96E-06	E.1-3		6.96E-06	3-7	6.96E-06	PPC HAP EF SUMM		x		x
Hexane	5		YES		1.66E-05	E.1-3		1.66E-05	3-7	1.66E-05	PPC HAP EF SUMM		x		x
Hexane	7		YES		9.22E-06	E.1-3		9.22E-06	3-7	9.22E-06	PPC HAP EF SUMM		x		x
Hexane	9		YES		1.64E-05	E.1-3		1.64E-05	3-7	1.64E-05	PPC HAP EF SUMM		x		x
Hexane	10		YES		4.12E-06	E.1-3		4.12E-06	3-7	4.12E-06	PPC HAP EF SUMM		x		x
Hexane	11		YES		3.12E-05	E.1-3		3.12E-05	3-7	3.12E-05	PPC HAP EF SUMM		x		x
Hexane	12		YES		2.69E-06	E.1-3		2.69E-06	3-7	2.69E-06	PPC HAP EF SUMM		x		x
Hexane	13	*	NO	<	1.06E-06	E.1-3	<	1.06E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Hexane	14		YES		6.50E-06	E.1-3		6.50E-06	3-7	6.50E-06	PPC HAP EF SUMM		x		x
Hexane	16		YES		5.25E-06	E.1-3		5.25E-06	3-7	5.25E-06	PPC HAP EF SUMM		x		x
Hexane	17		YES		5.26E-06	E.1-3		5.26E-06	3-7	5.26E-06	PPC HAP EF SUMM		x		x
Hexane	19		YES		3.00E-04	E.1-3		3.00E-04	3-7	3.00E-04	PPC HAP EF SUMM		x		x
Hexane	20		YES		2.63E-05	E.1-3		2.63E-05	3-7	2.63E-05	PPC HAP EF SUMM		x		x
Hexane	22		YES		8.53E-06	E.1-3		8.53E-06	3-7	8.53E-06	PPC HAP EF SUMM		x		x
Hexane	23		YES		4.96E-06	E.1-3		4.96E-06	3-7	4.96E-06	PPC HAP EF SUMM		x		x
Hydroquinone	1	*	NO	<	2.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	2	*	NO	<	9.65E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	3	*	NO	<	1.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	5	*	NO	<	2.27E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	7	*	NO	<	2.55E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	9	*	NO	<	2.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	10	*	NO	<	8.88E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	11	*	NO	<	1.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	12	*	NO	<	1.13E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	13	*	NO	<	1.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	14	*	NO	<	5.70E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	16	*	NO	<	1.07E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Hydroquinone	17	*	NO	<	5.57E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	19	*	NO	<	2.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	20	*	NO	<	5.27E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	22	*	NO	<	2.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Hydroquinone	23	*	NO	<	9.12E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isooctane	1	*	NO	<	1.53E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	2	*	NO	<	1.50E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	3	*	NO	<	1.50E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	5	*	NO	<	1.93E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	7	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	9	*	NO	<	1.82E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	10	*	NO	<	1.50E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	11	*	NO	<	1.18E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	12	*	NO	<	1.44E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	13	*	NO	<	1.41E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	14	*	NO	<	1.53E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	16	*	NO	<	1.37E+00	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	17	*	NO	<	1.50E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	20	*	NO	<	7.35E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	22	*	NO	<	1.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isooctane	23	*	NO	<	1.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Isophorone	1	*	NO	<	1.46E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	2	*	NO	<	5.62E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	3	*	NO	<	6.86E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	5	*	NO	<	9.82E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	7	*	NO	<	1.50E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	9	*	NO	<	1.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	10	*	NO	<	5.10E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	11	*	NO	<	6.79E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	12	*	NO	<	6.53E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	13	*	NO	<	6.68E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	14	*	NO	<	2.77E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	16	*	NO	<	6.15E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	17	*	NO	<	2.71E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	19	*	NO	<	7.27E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	20	*	NO	<	2.56E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	22	*	NO	<	1.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Isophorone	23	*	NO	<	5.38E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
m-Xylene + p-Xylene	1		YES		1.01E-06	E.1-3		1.01E-06	3-7	1.01E-06	PPC HAP EF SUMM		x		x
m-Xylene + p-Xylene	2		YES		1.91E-06	E.1-3		1.91E-06	3-7	1.91E-06	PPC HAP EF SUMM		x		x
m-Xylene + p-Xylene	3		YES		9.03E-06	E.1-3		9.03E-06	3-7	9.03E-06	PPC HAP EF SUMM		x		x
m-Xylene + p-Xylene	5		YES		9.24E-06	E.1-3		9.24E-06	3-7	9.24E-06	PPC HAP EF SUMM		x		x
m-Xylene + p-Xylene	7		YES		3.20E-06	E.1-3		3.20E-06	3-7	3.20E-06	PPC HAP EF SUMM		x		x
m-Xylene + p-Xylene	9		NO	<	1.69E-06	E.1-3	<	1.69E-06	3-7	8.50E-06	PPC HAP EF SUMM	Revised AP-42	x		x
m-Xylene + p-Xylene	10	*	NO	<	1.08E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	11	*	NO	<	1.34E-06	E.1-3	<	1.08E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	12	*	NO	<	1.31E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	13	*	NO	<	1.42E-06	E.1-3	<	1.31E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	14	*	NO	<	1.39E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	16	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
m-Xylene + p-Xylene	17	*	NO	<	1.27E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	19	*	NO	<	1.34E-06	E.1-3	<	1.27E-06	3-7	0.00E+00	PPC HAP EF SUMM	Multiple Sources	x		x
m-Xylene + p-Xylene	20	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
m-Xylene + p-Xylene	22	*	NO	<	1.42E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
m-Xylene + p-Xylene	23	*	NO	<	1.36E-06	E.1-3	<	1.36E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene bis-chloroaniline	1	*	NO	<	6.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	2	*	NO	<	3.02E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	3	*	NO	<	4.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	5	*	NO	<	8.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	7	*	NO	<	6.04E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	9	*	NO	<	2.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	10	*	NO	<	2.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	11	*	NO	<	5.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	12	*	NO	<	3.40E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	13	*	NO	<	3.82E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	14	*	NO	<	1.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	16	*	NO	<	3.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	17	*	NO	<	1.67E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	19	*	NO	<	2.68E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Methylene bis-chloroaniline	20	*	NO	<	1.28E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	22	*	NO	<	5.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene bis-chloroaniline	23	*	NO	<	3.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Methylene Chloride	1	*	NO		1.26E-03	E.1-3		1.26E-03	3-7	1.61E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	2	*	NO		4.09E-04	E.1-3		4.09E-04	3-7	1.57E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	3	*	NO		2.27E-03	E.1-3		2.27E-03	3-7	1.57E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	5	*	NO		1.76E-04	E.1-3		1.76E-04	3-7	1.67E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	7	*	NO		5.15E-04	E.1-3		5.15E-04	3-7	1.61E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	9	*	NO		4.59E-03	E.1-3		4.59E-03	3-7	1.84E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	10	*	NO		1.16E-03	E.1-3		1.16E-03	3-7	1.57E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	11	*	NO		1.72E-03	E.1-3		1.72E-03	3-7	2.83E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	12	*	NO		1.60E-03	E.1-3		1.60E-03	3-7	1.64E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	13	*	NO		1.13E-03	E.1-3		1.13E-03	3-7	1.67E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	14	*	NO		2.60E-03	E.1-3		2.60E-03	3-7	1.54E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	16	*	NO		1.57E-03	E.1-3		1.57E-03	3-7	1.57E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	17	*	NO		1.10E-03	E.1-3		1.10E-03	3-7	1.57E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	19	*	NO		1.96E-04	E.1-3		1.96E-04	3-7	1.56E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	20	*	NO		2.49E-03	E.1-3		2.49E-03	3-7	1.71E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	22	*	NO		2.30E-03	E.1-3		2.30E-03	3-7	2.34E-06	PPC HAP EF SUMM	Revised AP-42	x		x
Methylene Chloride	23	*	NO		1.14E-03	E.1-3		1.14E-03	3-7	1.60E-06	PPC HAP EF SUMM	Revised AP-42	x		x
N,N-Dimethylanailine	1	*	NO	<	1.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	2	*	NO	<	5.47E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	3	*	NO	<	6.56E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	5	*	NO	<	1.06E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	7	*	NO	<	1.50E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	9	*	NO	<	1.15E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	10	*	NO	<	5.10E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	11	*	NO	<	7.50E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	12	*	NO	<	6.08E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	13	*	NO	<	6.68E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	14	*	NO	<	2.77E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	16	*	NO	<	6.00E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	17	*	NO	<	2.71E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	19	*	NO	<	9.52E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	20	*	NO	<	2.71E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	22	*	NO	<	1.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N,N-Dimethylanailine	23	*	NO	<	5.38E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	1	*	NO	<	5.15E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	2	*	NO	<	1.74E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	3	*	NO	<	2.10E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	5	*	NO	<	4.50E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	7	*	NO	<	5.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	9	*	NO	<	4.57E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	10	*	NO	<	1.65E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	11	*	NO	<	3.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	12	*	NO	<	1.97E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	13	*	NO	<	2.16E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	14	*	NO	<	1.51E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	16	*	NO	<	1.94E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	17	*	NO	<	1.42E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	19		YES		ND	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM		x	x	
N-Nitrosodimethylamine	20	*	NO	<	1.44E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	22	*	NO	<	4.23E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosodimethylamine	23	*	NO	<	1.72E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	1	*	NO	<	4.74E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	2	*	NO	<	1.64E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	3	*	NO	<	1.97E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	5	*	NO	<	2.94E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	7	*	NO	<	4.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	9	*	NO	<	3.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	10	*	NO	<	1.54E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	11	*	NO	<	2.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	12	*	NO	<	1.84E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	13	*	NO	<	2.03E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	14	*	NO	<	8.63E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	16	*	NO	<	1.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	17	*	NO	<	8.13E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	19	*	NO	<	1.77E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	20	*	NO	<	8.26E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
N-Nitrosomorpholine	22	*	NO	<	2.98E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
N-Nitrosomorpholine	23	*	NO	<	1.60E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Naphthalene	1		NO		ND	E.1-3		3.29E-07	3-7	3.29E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	2		NO		ND	E.1-3		4.59E-07	3-7	4.59E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	3		NO		ND	E.1-3		5.78E-07	3-7	5.78E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	5		NO		ND	E.1-3		1.57E-06	3-7	1.57E-06	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	7		NO		ND	E.1-3		2.37E-06	3-7	2.37E-06	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	9		NO		ND	E.1-3		4.04E-06	3-7	4.04E-06	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	10		NO		ND	E.1-3		2.81E-07	3-7	2.81E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	11		NO		ND	E.1-3		1.67E-06	3-7	1.62E-06	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	12		NO		ND	E.1-3		3.71E-07	3-7	3.71E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	13		NO		ND	E.1-3		3.31E-07	3-7	3.31E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	14		NO		ND	E.1-3		6.12E-07	3-7	6.12E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	16		NO		ND	E.1-3		3.50E-07	3-7	3.50E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	17		NO		ND	E.1-3		5.23E-07	3-7	5.23E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	19		YES		ND	E.1-3		0.00E+00	3-7	0.00E+00	PPC HAP EF SUMM		x		x
Naphthalene	20		NO		ND	E.1-3		3.70E-07	3-7	3.70E-07	PPC HAP EF SUMM	Volume 2	x		x
Naphthalene	22		YES		3.00E-06	E.1-3		3.00E-06	3-7	3.00E-06	PPC HAP EF SUMM		x		x
Naphthalene	23		NO		ND	E.1-3		3.71E-07	3-7	3.71E-07	PPC HAP EF SUMM	Volume 2	x		x
Nitrobenzene	1	*	NO	<	2.63E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	2	*	NO	<	1.01E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	3	*	NO	<	1.24E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	5	*	NO	<	1.79E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	7	*	NO	<	2.72E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	9	*	NO	<	2.08E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	10	*	NO	<	9.18E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	11	*	NO	<	1.25E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	12	*	NO	<	1.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	13	*	NO	<	1.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	14	*	NO	<	4.78E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	16	*	NO	<	1.10E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	17	*	NO	<	4.67E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	19	*	NO	<	1.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	20	*	NO	<	4.56E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	22	*	NO	<	1.80E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Nitrobenzene	23	*	NO	<	9.57E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	1	*	NO	<	3.14E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	2	*	NO	<	1.28E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	3	*	NO	<	1.57E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	5	*	NO	<	2.49E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	7	*	NO	<	3.27E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	9	*	NO	<	2.35E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	10	*	NO	<	1.17E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	11	*	NO	<	1.73E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	12	*	NO	<	1.48E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	13	*	NO	<	1.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	14	*	NO	<	5.70E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	16	*	NO	<	1.40E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	17	*	NO	<	5.72E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	19	*	NO	<	2.12E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	20	*	NO	<	5.41E-08	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	22	*	NO	<	2.48E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Anisidine	23	*	NO	<	1.21E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
0-Toluidine	1	*	NO	<	1.82E-07	E.1-2	<	1.82E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	2		YES		1.59E-06	E.1-2		1.59E-06	3-7	1.59E-06	PPC HAP EF SUMM		x	x	
0-Toluidine	3	*	NO	<	8.05E-08	E.1-2	<	8.05E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	5	*	NO	<	1.39E-07	E.1-2	<	1.39E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	7	*	NO	<	1.84E-07	E.1-2	<	1.84E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	9	*	NO	<	1.51E-07	E.1-2	<	1.51E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	10	*	NO	<	6.26E-08	E.1-2	<	6.26E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	11	*	NO	<	9.86E-08	E.1-2	<	9.86E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	12		YES		2.21E-06	E.1-2		2.21E-06	3-7	2.21E-06	PPC HAP EF SUMM		x	x	
0-Toluidine	13	*	NO	<	8.24E-08	E.1-2	<	8.24E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	14	*	NO	<	3.24E-08	E.1-2	<	3.24E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	16	*	NO	<	7.35E-08	E.1-2	<	7.35E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	17	*	NO	<	3.01E-08	E.1-2	<	3.01E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	19	*	NO	<	1.13E-07	E.1-2	<	1.13E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	20	*	NO	<	2.99E-08	E.1-2	<	2.99E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	22	*	NO	<	1.05E-07	E.1-2	<	1.05E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Toluidine	23	*	NO	<	6.58E-08	E.1-2	<	6.58E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
0-Xylene	1	*	NO	<	1.42E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
0-Xylene	2	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	3	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	5		YES		2.01E-06	E.1-3		2.01E-06	3-7	2.01E-06	PPC HAP EF SUMM		x		x
0-Xylene	7		YES		1.78E-06	E.1-3		1.78E-06	3-7	1.78E-06	PPC HAP EF SUMM		x		x
0-Xylene	9	*	NO	<	1.69E-06	E.1-3	<	1.69E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	10	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	11	*	NO	<	1.09E-06	E.1-3	<	1.09E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	12	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	13	*	NO	<	1.31E-06	E.1-3	<	1.31E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	14	*	NO	<	1.42E-06	E.1-3	<	1.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	16	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	17	*	NO	<	1.39E-06	E.1-3	<	1.39E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	19	*	NO	<	1.27E-06	E.1-3	<	1.27E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	20	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	22	*	NO	<	1.33E-06	E.1-3	<	1.33E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
0-Xylene	23	*	NO	<	1.36E-06	E.1-3	<	1.36E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Pentachloronitrobenzene	1	*	NO	<	1.16E-06	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	2	*	NO	<	5.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	3	*	NO	<	7.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	5	*	NO	<	6.55E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	7	*	NO	<	1.13E-06	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	9	*	NO	<	7.34E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	10	*	NO	<	4.85E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	11	*	NO	<	4.69E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	12	*	NO	<	6.11E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	13	*	NO	<	6.61E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	14	*	NO	<	2.26E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	16	*	NO	<	5.37E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	17	*	NO	<	2.41E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	19	*	NO	<	5.07E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	20	*	NO	<	2.09E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	22	*	NO	<	5.86E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachloronitrobenzene	23	*	NO	<	5.19E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	1	*	NO	<	8.15E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	2	*	NO	<	3.25E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	3	*	NO	<	4.65E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	5	*	NO	<	4.81E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	7	*	ND	<	7.92E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	9	*	NO	<	4.14E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	10	*	NO	<	3.00E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	11	*	NO	<	3.39E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	12	*	NO	<	3.78E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	13	*	NO	<	4.08E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	14	*	NO	<	1.34E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	16	*	NO	<	3.32E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	17	*	NO	<	1.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	19	*	NO	<	3.22E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	20	*	NO	<	1.25E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	22	*	NO	<	3.74E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Pentachlorophenol	23	*	NO	<	3.22E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Phenol	1		YES		6.12E-07	E.1-2		6.12E-07	3-7	6.12E-07	PPC HAP EF SUMM		x	x	
Phenol	2		YES		5.37E-07	E.1-2		5.37E-07	3-7	5.37E-07	PPC HAP EF SUMM		x	x	
Phenol	3		YES		5.19E-07	E.1-2		5.19E-07	3-7	5.19E-07	PPC HAP EF SUMM		x	x	
Phenol	5		NO		9.67E-07	E.1-2		9.67E-07	3-7	9.68E-07	PPC HAP EF SUMM		x	x	
Phenol	7		YES		4.22E-07	E.1-2		4.22E-07	3-7	4.22E-07	PPC HAP EF SUMM		x	x	
Phenol	9		NO		1.28E-07	E.1-2		1.28E-06	3-7	1.28E-06	PPC HAP EF SUMM		x	x	
Phenol	10		YES		4.18E-07	E.1-2		4.18E-07	3-7	4.18E-07	PPC HAP EF SUMM		x	x	
Phenol	11	*	NO		4.62E-07	E.1-2		4.62E-07	3-7	4.53E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Phenol	12		YES		5.37E-07	E.1-2		5.37E-07	3-7	5.37E-07	PPC HAP EF SUMM		x	x	
Phenol	13		YES		7.79E-07	E.1-2		7.79E-07	3-7	7.79E-07	PPC HAP EF SUMM		x	x	
Phenol	14		YES		2.67E-06	E.1-2		2.67E-06	3-7	2.67E-06	PPC HAP EF SUMM		x	x	
Phenol	16		YES		5.19E-07	E.1-2		5.19E-07	3-7	5.19E-07	PPC HAP EF SUMM		x	x	
Phenol	17	*	NO	<	3.61E-08	E.1-2	<	3.61E-08	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Phenol	19	*	NO	<	1.44E-07	E.1-2	<	1.44E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x	x	
Phenol	20		YES		5.85E-07	E.1-2		5.85E-07	3-7	5.85E-07	PPC HAP EF SUMM		x	x	
Phenol	22	*	NO		5.53E-07	E.1-2		5.53E-07	3-7	5.52E-07	PPC HAP EF SUMM	Revised AP-42	x	x	
Phenol	23		YES		3.96E-07	E.1-2		3.96E-07	3-7	3.96E-07	PPC HAP EF SUMM		x	x	
Propylene Oxide	1	*	NO	<	5.15E-06	E.1-3	<	5.15E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	2		YES		1.04E-04	E.1-3		1.04E-04	3-7	1.04E-04	PPC HAP EF SUMM		x		x
Propylene Oxide	3	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Propylene Oxide	5	*	NO	<	2.68E-06	E.1-3	<	2.68E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	7	*	NO	<	2.58E-05	E.1-3	<	2.58E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	9	*	NO	<	6.12E-06	E.1-3	<	6.12E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	10	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	11		YES		3.63E-05	E.1-3		3.63E-05	3-7	3.63E-05	PPC HAP EF SUMM		x		x
Propylene Oxide	12	*	NO	<	4.84E-06	E.1-3	<	4.84E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	13	*	NO	<	1.19E-05	E.1-3	<	1.19E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	14	*	NO	<	5.14E-06	E.1-3	<	5.14E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	16	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	17	*	NO	<	5.03E-06	E.1-3	<	5.03E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	19	*	NO	<	1.15E-05	E.1-3	<	1.15E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	20	*	NO	<	4.86E-06	E.1-3	<	4.86E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	22	*	NO	<	2.66E-05	E.1-3	<	2.66E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Propylene Oxide	23	*	NO	<	4.94E-06	E.1-3	<	4.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Styrene	1	*	NO	<	1.40E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	2	*	NO	<	1.36E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	3	*	NO	<	1.36E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	5	*	NO	<	1.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	7	*	NO	<	2.79E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	9	*	NO	<	1.66E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	10	*	NO	<	1.36E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	11	*	NO	<	1.07E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	12	*	NO	<	1.31E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	13	*	NO	<	1.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	14	*	NO	<	1.39E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	16	*	NO	<	1.36E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	17	*	NO	<	1.36E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	19	*	NO	<	1.25E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	20	*	NO	<	1.32E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	22	*	NO	<	1.30E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Styrene	23	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	1	*	NO	<	5.15E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	2	*	NO	<	1.26E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	3	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	5	*	NO	<	2.68E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	7	*	NO	<	2.58E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	9	*	NO	<	6.12E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	10	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	11	*	NO	<	1.98E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	12	*	NO	<	4.84E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	13	*	NO	<	1.19E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	14	*	NO	<	5.14E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	16	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	17	*	NO	<	5.03E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	19	*	NO	<	1.15E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	20	*	NO	<	4.86E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	22	*	NO	<	9.62E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
t-Butyl Methyl Ether	23	*	NO	<	4.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Tetrachloroethene	1	*	NO	<	2.58E-06	E.1-3	<	2.58E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	2	*	NO	<	6.29E-06	E.1-3	<	6.29E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	3		YES		5.35E-07	E.1-3		5.35E-07	3-7	5.35E-07	PPC HAP EF SUMM		x		x
Tetrachloroethene	5	*	NO	<	1.34E-06	E.1-3	<	1.34E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	7	*	NO	<	1.29E-05	E.1-3	<	1.29E-05	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	9	*	NO	<	3.06E-06	E.1-3	<	3.06E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	10	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	11	*	NO	<	9.90E-07	E.1-3	<	9.90E-07	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	12	*	NO	<	2.42E-06	E.1-3	<	2.42E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	13	*	NO	<	5.94E-06	E.1-3	<	5.94E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	14	*	NO	<	2.57E-06	E.1-3	<	2.57E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	16	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	17	*	NO	<	2.52E-06	E.1-3	<	2.52E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	19	*	NO	<	5.76E-06	E.1-3	<	5.76E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	20	*	NO	<	2.43E-06	E.1-3	<	2.43E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	22	*	NO	<	4.81E-06	E.1-3	<	4.81E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Tetrachloroethene	23	*	NO	<	2.47E-06	E.1-3	<	2.47E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Toluene	1		YES		4.23E-06	E.1-3		4.23E-06	3-7	4.23E-06	PPC HAP EF SUMM		x		x
Toluene	2		YES		6.20E-06	E.1-3		6.20E-06	3-7	6.20E-06	PPC HAP EF SUMM		x		x
Toluene	3		YES		6.03E-06	E.1-3		6.03E-06	3-7	6.03E-06	PPC HAP EF SUMM		x		x
Toluene	5		YES		1.18E-05	E.1-3		1.18E-05	3-7	1.18E-05	PPC HAP EF SUMM		x		x
Toluene	7		YES		3.00E-06	E.1-3		3.00E-06	3-7	3.00E-06	PPC HAP EF SUMM		x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Toluene	9		YES		2.72E-06	E.1-3		2.72E-06	3-7	2.72E-06	PPC HAP EF SUMM		x		x
Toluene	10		YES		2.76E-06	E.1-3		2.76E-06	3-7	2.76E-06	PPC HAP EF SUMM		x		x
Toluene	11		YES		2.30E-06	E.1-3		2.30E-06	3-7	2.30E-06	PPC HAP EF SUMM		x		x
Toluene	12		YES		2.98E-06	E.1-3		2.98E-06	3-7	2.98E-06	PPC HAP EF SUMM		x		x
Toluene	13	*	NO	<	1.14E-06	E.1-3		1.14E-06	3-7	0.00E+00	PPC HAP EF SUMM	Revised AP-42	x		x
Toluene	14		YES		3.87E-06	E.1-3		3.87E-06	3-7	3.87E-06	PPC HAP EF SUMM		x		x
Toluene	16		YES		3.96E-05	E.1-3		3.96E-05	3-7	3.96E-05	PPC HAP EF SUMM		x		x
Toluene	17		YES		3.27E-06	E.1-3		3.27E-06	3-7	3.27E-06	PPC HAP EF SUMM		x		x
Toluene	19		YES		9.94E-06	E.1-3		9.94E-06	3-7	9.94E-06	PPC HAP EF SUMM		x		x
Toluene	20		YES		4.49E-06	E.1-3		4.49E-06	3-7	4.49E-06	PPC HAP EF SUMM		x		x
Toluene	22		YES		4.22E-06	E.1-3		4.22E-06	3-7	4.22E-06	PPC HAP EF SUMM		x		x
Toluene	23		YES		5.57E-06	E.1-3		5.57E-06	3-7	5.57E-06	PPC HAP EF SUMM		x		x
Trichloroethene	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trichloroethene	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Trifluralin	1	*	NO	<	9.03E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	2	*	NO	<	3.67E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	3	*	NO	<	5.05E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	5	*	NO	<	4.45E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	7	*	NO	<	9.18E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	9	*	NO	<	3.59E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	10	*	NO	<	3.44E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	11	*	NO	<	3.13E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	12	*	NO	<	4.48E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	13	*	NO	<	4.53E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	14	*	NO	<	1.40E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	16	*	NO	<	3.90E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	17	*	NO	<	1.43E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	19	*	NO	<	2.93E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	20	*	NO	<	1.30E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	22	*	NO	<	3.90E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Trifluralin	23	*	NO	<	3.56E-07	E.1-2		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x	x	
Vinyl Acetate	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Acetate	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	1	*	NO	<	2.58E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	2	*	NO	<	6.29E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	3	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	5	*	NO	<	1.34E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	7	*	NO	<	1.29E-05	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	9	*	NO	<	3.06E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	10	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

PLATAN PRESS Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match?(Yes/No)	Volume 2 (<) Non Detect	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 (<) Non Detect	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Vinyl Chloride	11	*	NO	<	9.90E-07	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	12	*	NO	<	2.42E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	13	*	NO	<	5.94E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	14	*	NO	<	2.57E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	16	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	17	*	NO	<	2.52E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	19	*	NO	<	5.76E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	20	*	NO	<	2.43E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	22	*	NO	<	4.81E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x
Vinyl Chloride	23	*	NO	<	2.47E-06	E.1-3		ND	3-7	0.00E+00	PPC HAP EF SUMM	Volume 2	x		x

PPC HAP EF SUMM = Platan Press Curing HAP Emission Factor Summary Table

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
1,2,4-Trimethylbenzene	2	*	NO	1.18E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
1,2,4-Trimethylbenzene	3	*	NO	2.71E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
1,2,4-Trimethylbenzene	4	*	NO	2.17E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
1,2,4-Trimethylbenzene	12	*	NO	1.36E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
1,2-Dichloroethane	2		NO	4.06E-08	G.2-3	ND	3-2	4.06E-08	Milling HAP Summ.		x		x
1,2-Dichloroethane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.		x		x
1,2-Dichloroethane	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.		x		x
1,2-Dichloroethane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.		x		x
1,3,5-Trimethylbenzene	2	*	NO	2.66E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1,3,5-Trimethylbenzene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1,3,5-Trimethylbenzene	4	*	NO	1.38E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1,3,5-Trimethylbenzene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
1-Heptene	2	*	NO	7.54E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Heptene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Heptene	4	*	NO	2.81E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Heptene	12	*	NO	5.39E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
1-Pentene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Pentene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Pentene	4	*	NO	1.94E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
1-Pentene	12	*	NO	1.19E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2,2-Dimethylbutane	2	*	NO	7.72E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,2-Dimethylbutane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,2-Dimethylbutane	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,2-Dimethylbutane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2,4-Dimethylhexane	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,4-Dimethylhexane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,4-Dimethylhexane	4	*	NO	3.64E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2,4-Dimethylhexane	12	*	NO	3.12E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2,4-Dimethylphenol	2	*	NO	3.98E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2,4-Dimethylphenol	3		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2,4-Dimethylphenol	4	*	NO	1.78E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2,4-Dimethylphenol	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Butanone	2		YES	8.12E-07	G.2-3	8.12E-07	3-2	8.12E-07	Milling HAP Summ.		x		x
2-Butanone	3		YES	7.61E-08	G.2-3	7.61E-08	3-2	7.61E-08	Milling HAP Summ.		x		x
2-Butanone	4		YES	4.06E-07	G.2-3	4.06E-07	3-2	4.06E-07	Milling HAP Summ.		x		x
2-Butanone	12		YES		G.1-3		3-2	ND	Milling HAP Summ.		x		x
2-Furaldehyde	2	*	NO	1.85E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Furaldehyde	3	*	NO	4.25E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Furaldehyde	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Furaldehyde	12	*	NO	1.07E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Methyl-2-butene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methyl-2-butene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methyl-2-butene	4	*	NO	1.31E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methyl-2-butene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylheptane	2	*	NO	5.48E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylheptane	3	*	NO	2.61E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylheptane	4	*	NO	2.12E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylheptane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylhexane	2	*	NO	2.91E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylhexane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylhexane	4	*	NO	3.01E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylhexane	12	*	NO	2.02E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylnaphthalene	2	*	NO	4.14E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Methylnaphthalene	3	*	NO	4.51E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Methylnaphthalene	4	*	NO	6.46E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Methylnaphthalene	12	*	NO	1.43E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
2-Methylpentane	2	*	NO	3.25E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylpentane	3	*	NO	6.83E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylpentane	4	*	NO	1.29E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylpentane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
2-Methylphenol	2		YES	1.99E-08	G.2-2	1.99E-08	3-2	1.99E-08	Milling HAP Summ.		x	x	
2-Methylphenol	3		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
2-Methylphenol	4		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
2-Methylphenol	12		YES	2.31E-11	G.1-2	2.31E-11	3-2	2.31E-11	Milling HAP Summ.		x	x	
3-Methylhexane	2	*	NO	6.04E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylhexane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylhexane	4	*	NO	3.06E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylhexane	12	*	NO	2.89E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylpentane	2	*	NO	2.98E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylpentane	3	*	NO	4.47E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x

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TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
3-Methylpentane	4	*	NO	9.41E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
3-Methylpentane	12	*	NO	5.86E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
3/4-Methylphenol	2	*	NO	5.58E-08	G.2-2	5.58E-08	3-2	ND	Milling HAP Summ.			x	
3/4-Methylphenol	3		YES		G.2-2		3-2	ND	Milling HAP Summ.			x	
3/4-Methylphenol	4	*	NO	1.13E-08	G.2-2	1.13E-08	3-2	ND	Milling HAP Summ.			x	
3/4-Methylphenol	12		YES		G.1-2		3-2	ND	Milling HAP Summ.			x	
4-Aminobiphenyl	2		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
4-Aminobiphenyl	3		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
4-Aminobiphenyl	4		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
4-Aminobiphenyl	12		NO		G.1-2		3-2	6.99E-11	Milling HAP Summ.		x	x	
4-Chloroaniline	2		YES	ND	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
4-Chloroaniline	3	*	NO	2.94E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
4-Chloroaniline	4	*	NO	5.44E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
4-Chloroaniline	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
4-Chlorostyrene	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.		x	x	
4-Chlorostyrene	3		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.		x	x	
4-Chlorostyrene	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.		x	x	
4-Chlorostyrene	12	*	NO	1.77E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.		x	x	
4-Methyl-1-pentene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
4-Methyl-1-pentene	3	*	NO	3.18E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
4-Methyl-1-pentene	4	*	NO	4.84E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
4-Methyl-1-pentene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
4-Methyl-2-Pentanone	2		YES	1.57E-07	G.2-3	1.57E-07	3-2	1.57E-07	Milling HAP Summ.		x		x
4-Methyl-2-Pentanone	3		YES	1.14E-06	G.2-3	1.14E-06	3-2	1.14E-06	Milling HAP Summ.		x		x
4-Methyl-2-Pentanone	4		YES	9.12E-06	G.2-3	9.12E-06	3-2	9.12E-06	Milling HAP Summ.		x		x
4-Methyl-2-Pentanone	12		NO		G.1-3		3-2	2.21E-09	Milling HAP Summ.		x		x
Acenaphthylene	2	*	NO	4.03E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acenaphthylene	3	*	NO	5.31E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acenaphthylene	4	*	NO	5.13E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acenaphthylene	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Acetone	2	*	NO	1.38E-05	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Acetone	3	*	NO	3.52E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Acetone	4	*	NO	1.58E-06	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Acetone	12	*	NO	3.53E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Acetophenone	2		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Acetophenone	3		YES	2.80E-07	G.2-2	2.80E-07	3-2	2.80E-07	Milling HAP Summ.		x	x	
Acetophenone	4		YES	2.84E-08	G.2-2	2.84E-08	3-2	2.84E-08	Milling HAP Summ.	Volume 2	x	x	
Acetophenone	12		YES	3.06E-10	G.1-2	3.06E-10	3-2	3.06E-10	Milling HAP Summ.		x	x	
Acetylene	2	*	NO	3.20E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acetylene	3	*	NO	4.52E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acetylene	4	*	NO	1.57E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Acetylene	12	*	NO	6.16E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Acrylonitrile	2		YES	1.29E-07	G.2-3	1.29E-07	3-2	1.29E-07	Milling HAP Summ.		x		x
Acrylonitrile	3		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
Acrylonitrile	4		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
Acrylonitrile	12		YES		G.1-3		3-2	ND	Milling HAP Summ.		x		x
Aniline	2		YES	7.50E-08	G.2-2	7.50E-08	3-2	7.50E-08	Milling HAP Summ.		x	x	
Aniline	3		YES	5.32E-06	G.2-2	5.32E-06	3-2	5.32E-06	Milling HAP Summ.			x	
Aniline	4		YES	3.48E-06	G.2-2	3.48E-06	3-2	3.48E-06	Milling HAP Summ.			x	
Aniline	12		NO		G.1-2		3-2	2.30E-10	Milling HAP Summ.			x	
b-Pinene	2	*	NO	1.10E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
b-Pinene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
b-Pinene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
b-Pinene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Benzaldehyde	2	*	NO	2.29E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzaldehyde	3		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzaldehyde	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzaldehyde	12	*	NO	1.05E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzene	2		YES	5.99E-08	G.2-3	5.99E-08	3-2	5.99E-08	Milling HAP Summ.		x		x
Benzene	3		YES	1.76E-08	G.2-3	1.76E-08	3-2	1.76E-08	Milling HAP Summ.		x		x
Benzene	4		YES	5.39E-08	G.2-3	5.39E-08	3-2	5.39E-08	Milling HAP Summ.		x		x
Benzene	12		YES	3.47E-10	G.1-3	3.47E-10	3-2	3.47E-10	Milling HAP Summ.	Volume 2	x		x
Benzoic Acid	2	*	NO	4.73E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzoic Acid	3	*	NO	6.21E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzoic Acid	4	*	NO	7.20E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzoic Acid	12	*	NO	1.59E-09	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzonitrile	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzonitrile	3	*	NO	1.15E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzonitrile	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzonitrile	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	

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TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Benzyl Alcohol	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzyl Alcohol	3		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzyl Alcohol	4	*	NO	1.27E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Benzyl Alcohol	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Biphenyl	2		YES	3.55E-08	G.2-2	3.55E-08	3-2	3.55E-08	Milling HAP Summ.		x	x	
Biphenyl	3		YES	3.65E-08	G.2-2	3.65E-08	3-2	3.65E-08	Milling HAP Summ.		x	x	
Biphenyl	4		YES	4.16E-08	G.2-2	4.16E-08	3-2	4.16E-08	Milling HAP Summ.		x	x	
Biphenyl	12		YES	9.50E-11	G.1-2	9.50E-11	3-2	9.50E-11	Milling HAP Summ.		x	x	
bis(2-Ethylhexyl)Phthalate	2		YES	3.25E-08	G.2-2	3.25E-08	3-2	3.25E-08	Milling HAP Summ.		x	x	
bis(2-Ethylhexyl)Phthalate	3		YES	8.63E-07	G.2-2	8.63E-07	3-2	8.63E-07	Milling HAP Summ.		x	x	
bis(2-Ethylhexyl)Phthalate	4		YES	1.09E-07	G.2-2	1.09E-07	3-2	1.09E-07	Milling HAP Summ.		x	x	
bis(2-Ethylhexyl)Phthalate	12		YES	1.41E-09	G.1-2	1.41E-09	3-2	1.41E-09	Milling HAP Summ.		x	x	
Butylbenzylphthalate	2		YES	0.00E+00	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Butylbenzylphthalate	3	*	NO	1.95E-09	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Butylbenzylphthalate	4	*	NO	2.49E-10	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Butylbenzylphthalate	12	*	NO	6.68E-11	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
C11-C12 Branched Alkane	2	*	NO	4.61E-06	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C11-C12 Branched Alkane	3	*	NO	3.08E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C11-C12 Branched Alkane	4	*	NO	2.16E-06	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C11-C12 Branched Alkane	12	*	NO	7.26E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
C9H10 Alkyl Substituted Benzene	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C9H10 Alkyl Substituted Benzene	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C9H10 Alkyl Substituted Benzene	4	*	NO	4.15E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
C9H10 Alkyl Substituted Benzene	12	*	NO	7.20E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Carbon Disulfide	3		YES	9.67E-08	G.2-3	9.67E-08	3-2	9.67E-08	Milling HAP Summ.		x		x
Carbon Disulfide (a)	2		YES	5.90E-07	G.2-3	5.90E-07	3-2	5.90E-07	Milling HAP Summ.		x		x
Carbon Disulfide (a)	4		NO	2.49E-07	G.2-3	2.49E-07	3-2	3.76E-07	Milling HAP Summ.	Revised AP-42	x		x
Carbon Disulfide (a)	12		YES	1.76E-07	G.1-3	1.76E-07	3-2	1.76E-07	Milling HAP Summ.		x		x
Carbonyl Sulfide	2		YES	8.38E-07	G.2-4	8.38E-07	3-2	8.38E-07	Milling HAP Summ.		x		
Carbonyl Sulfide	3		YES		G.2-4		3-2	ND	Milling HAP Summ.		x		
Carbonyl Sulfide	4		YES		G.2-4		3-2	ND	Milling HAP Summ.		x		
Carbonyl Sulfide	12		YES	ND	N/A		3-2	ND	Milling HAP Summ.		x		
Chloro-4(1-Chloroethenyl)Cyclohexane	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-4(1-Chloroethenyl)Cyclohexane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-4(1-Chloroethenyl)Cyclohexane	4		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-4(1-Chloroethenyl)Cyclohexane	12	*	NO	2.68E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-5(1-Chloroethenyl)Cyclohexane	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-5(1-Chloroethenyl)Cyclohexane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-5(1-Chloroethenyl)Cyclohexane	4		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Chloro-5(1-Chloroethenyl)Cyclohexane	12	*	NO	2.45E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
cis-2-Pentene	2	*	NO	1.35E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
cis-2-Pentene	3	*	NO	6.67E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
cis-2-Pentene	4	*	NO	3.48E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
cis-2-Pentene	12	*	NO	5.29E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Cumene	2		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Cumene	3		YES	1.47E-08	G.2-2	1.47E-08	3-2	1.47E-08	Milling HAP Summ.		x	x	
Cumene	4		YES	1.44E-09	G.2-2	1.44E-09	3-2	1.44E-09	Milling HAP Summ.		x	x	
Cumene	12		YES	2.48E-11	G.1-2	2.48E-11	3-2	2.48E-11	Milling HAP Summ.		x	x	
Cyclobutane	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclobutane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclobutane	4	*	NO	3.32E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclobutane	12		YES	ND	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclohexane	2	*	NO	4.52E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclohexane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclohexane	4	*	NO	3.58E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclohexane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclohexanone	2	*	NO	3.03E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexanone	3	*	NO	9.26E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexanone	4	*	NO	3.50E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexanone	12	*	NO	2.80E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexylamine	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexylamine	3	*	NO	1.76E-05	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexylamine	4	*	NO	2.38E-05	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclohexylamine	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Cyclopentane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentane + 2,3-Dimethylbutane	2	*	NO	7.20E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentane + 2,3-Dimethylbutane	3	*	NO	2.63E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentane + 2,3-Dimethylbutane	4	*	NO	4.53E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentane + 2,3-Dimethylbutane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentene	2	*	NO	1.46E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Cyclopentene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Cyclopentene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
d-Limonene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
d-Limonene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
d-Limonene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
d-Limonene	12	*	NO	4.70E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Decane	2	*	NO	1.84E-06	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Decane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Decane	4	*	NO	2.49E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Decane	12	*	NO	1.28E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Di-n-butylphthalate	2		YES	2.49E-09	G.2-2	2.49E-09	3-2	2.49E-09	Milling HAP Summ.			x	
Di-n-butylphthalate	3		YES	1.37E-07	G.2-2	1.37E-07	3-2	1.37E-07	Milling HAP Summ.			x	
Di-n-butylphthalate	4		YES	1.70E-07	G.2-2	1.70E-07	3-2	1.70E-07	Milling HAP Summ.			x	
Di-n-butylphthalate	12		YES	2.22E-10	G.1-2	2.22E-10	3-2	2.22E-10	Milling HAP Summ.			x	
Di-n-octylphthalate	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Di-n-octylphthalate	3		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Di-n-octylphthalate	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Di-n-octylphthalate	12	*	NO	1.73E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Dibenzofuran	2		YES	1.73E-08	G.2-2	1.73E-08	3-2	1.73E-08	Milling HAP Summ.		x	x	
Dibenzofuran	3		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Dibenzofuran	4		YES	1.06E-08	G.2-2	1.06E-08	3-2	1.06E-08	Milling HAP Summ.		x	x	
Dibenzofuran	12		NO		G.1-2		3-2	2.89E-11	Milling HAP Summ.		x	x	
Diethylphthalate	2		YES	0.00E+00	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diethylphthalate	3	*	NO	9.28E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diethylphthalate	4	*	NO	1.25E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diethylphthalate	12	*	NO	8.30E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Dimethylpentane	2		YES	ND	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Dimethylpentane	3		YES	ND	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Dimethylpentane	4		YES	ND	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Dimethylpentane	12	*	NO	7.75E-09	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Dimethylphthalate	2		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Dimethylphthalate	3		YES	7.21E-08	G.2-2	7.21E-08	3-2	7.21E-08	Milling HAP Summ.		x	x	
Dimethylphthalate	4		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Dimethylphthalate	12		YES		G.1-2		3-2	ND	Milling HAP Summ.		x	x	
Diphenylamine	2	*	NO	8.87E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diphenylamine	3	*	NO	3.06E-07	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diphenylamine	4	*	NO	8.84E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Diphenylamine	12	*	NO	7.45E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Ethane	2	*	NO	7.50E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethane	3	*	NO	2.81E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethane	4	*	NO	5.70E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethane	12	*	NO	5.15E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Ethyl Acetate	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethyl Acetate	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethyl Acetate	4		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethyl Acetate	12	*	NO	1.69E-07	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Ethylbenzene	2		YES	1.12E-07	G.2-3	1.12E-07	3-2	1.12E-07	Milling HAP Summ.		x		x
Ethylbenzene	3		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
Ethylbenzene	4		YES	7.78E-08	G.2-3	7.78E-08	3-2	7.78E-08	Milling HAP Summ.		x		x
Ethylbenzene	12		YES	2.61E-10	G.1-3	2.61E-10	3-2	2.61E-10	Milling HAP Summ.		x		x
Ethylene	2	*	NO	2.13E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethylene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethylene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Ethylene	12	*	NO	1.50E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Fluoranthene	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluoranthene	3	*	NO	5.24E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluoranthene	4	*	NO	1.20E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluoranthene	12		YES		G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluorene	2	*	NO	4.01E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluorene	3	*	NO	3.40E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluorene	4	*	NO	1.31E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Fluorene	12	*	NO	7.09E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Heptane	2	*	NO	1.43E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Heptane	3	*	NO	2.57E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Heptane	4	*	NO	5.43E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Heptane	12	*	NO	5.74E-08	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Hexane	2		YES	7.16E-07	G.2-3	7.16E-07	3-2	7.16E-07	Milling HAP Summ.		x		x
Hexane	3		YES	1.21E-07	G.2-3	1.21E-07	3-2	1.21E-07	Milling HAP Summ.		x		
Hexane	4		YES	2.48E-07	G.2-3	2.48E-07	3-2	2.48E-07	Milling HAP Summ.		x		
Hexane	12		YES	2.94E-08	G.1-3	2.94E-08	3-2	2.94E-08	Milling HAP Summ.		x		x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
Isobutane	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutane	3	*	NO	2.50E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutane	4	*	NO	5.01E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutane	12	*	NO	4.75E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutylene+1-Butene	2	*	NO	4.04E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutylene+1-Butene	3	*	NO	8.72E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutylene+1-Butene	4	*	NO	3.68E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isobutylene+1-Butene	12	*	NO	3.81E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Isooctane	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isooctane	3		NO	2.98E-08	G.2-3	ND	3-2	2.98E-08	Milling HAP Summ.				x
Isooctane	4		NO	3.50E-08	G.2-3	ND	3-2	3.50E-08	Milling HAP Summ.				x
Isooctane	12		NO	1.63E-09	G.1-3	ND	3-2	1.63E-09	Milling HAP Summ.				x
Isopentane	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopentane	3	*	NO	1.85E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopentane	4	*	NO	7.96E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopentane	12	*	NO	3.21E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Isophorone	2		YES	6.50E-09	G.2-2	6.50E-09	3-2	6.50E-09	Milling HAP Summ.		x	x	
Isophorone	3		YES	1.12E-05	G.2-2	1.12E-05	3-2	1.12E-05	Milling HAP Summ.		x	x	
Isophorone	4		YES	3.07E-07	G.2-2	3.07E-07	3-2	3.07E-07	Milling HAP Summ.		x	x	
Isophorone	12		YES		G.1-2		3-2	ND	Milling HAP Summ.		x	x	
Isopropyl Alcohol	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopropyl Alcohol	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopropyl Alcohol	4	*	NO	8.29E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Isopropyl Alcohol	12		YES	ND	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
m-Ethyltoluene	2	*	NO	1.64E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
m-Ethyltoluene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
m-Ethyltoluene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
m-Ethyltoluene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
m-Xylene + p-Xylene	2		YES	6.11E-07	G.2-3	6.11E-07	3-2	6.11E-07	Milling HAP Summ.		x		x
m-Xylene + p-Xylene	3		YES	3.50E-08	G.2-3	3.50E-08	3-2	3.50E-08	Milling HAP Summ.		x		x
m-Xylene + p-Xylene	4		YES	2.56E-07	G.2-3	2.56E-07	3-2	2.56E-07	Milling HAP Summ.		x		x
m-Xylene + p-Xylene	12		YES	1.14E-09	G.1-3	1.14E-09	3-2	1.14E-09	Milling HAP Summ.		x		x
Methylcyclohexane	2	*	NO	2.37E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclohexane	3	*	NO	5.08E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclohexane	4	*	NO	2.42E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclohexane	12	*	NO	3.55E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclopentane	2	*	NO	2.48E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclopentane	3	*	NO	4.52E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclopentane	4	*	NO	7.26E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylcyclopentane	12	*	NO	4.55E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Methylene Chloride	2	*	NO	1.01E-06	G.2-3	1.01E-06	3-2	ND	Milling HAP Summ.	Revised AP-42	x		x
Methylene Chloride	3	*	NO	4.13E-07	G.2-3	4.13E-07	3-2	ND	Milling HAP Summ.	Revised AP-42	x		x
Methylene Chloride	4	*	NO	6.80E-07	G.2-3	6.80E-07	3-2	ND	Milling HAP Summ.	Revised AP-42	x		x
Methylene Chloride	12	*	NO	6.03E-08	G.1-3		3-2	ND	Milling HAP Summ.		x		x
Methylhexane	2		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylhexane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylhexane	4		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylhexane	12	*	NO	1.02E-07	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Methylpentane	2	*	NO	1.48E-06	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylpentane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylpentane	4	*	NO	3.32E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Methylpentane	12		YES	ND	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
n-Butane	2	*	NO	8.92E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Butane	3	*	NO	9.04E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Butane	4	*	NO	9.02E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Butane	12	*	NO	1.08E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
n-Decane	2	*	NO	5.08E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Decane	3	*	NO	5.21E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Decane	4	*	NO	7.36E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Decane	12	*	NO	1.28E-09	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
n-Heptane	2	*	NO	1.43E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Heptane	3	*	NO	2.57E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Heptane	4	*	NO	5.43E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Heptane	12	*	NO	2.63E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
N-Nitrosodiethylamine	2		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
N-Nitrosodiethylamine	3	*	NO	5.07E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
N-Nitrosodiethylamine	4		YES		G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
N-Nitrosodiethylamine	12		YES	ND	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
n-Nonane	2	*	NO	2.52E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Nonane	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable

TABLE 1

MILLING Pollutant	Compound #	* Notes Vol. 2 contained a value, however, AP-42=0	Match? (Yes/No)	Volume 2 E.F. Value	Volume 2 Table #	Volume 4 E.F. Value	Volume 4 Table #	AP-42 Revised E.F. Value	AP-42 Revised Table # a.	NON-MATCH SOURCE	Pollutant is a HAP	Pollutant is a Semivolatile	Pollutant is a Volatile
n-Nonane	4	*	NO	2.06E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Nonane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
n-Pentane	2	*	NO	1.05E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Pentane	3	*	NO	2.43E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Pentane	4	*	NO	4.73E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
n-Pentane	12	*	NO	2.45E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Naphthalene	2		YES	1.30E-07	G.2-2	1.30E-07	3-2	1.30E-07	Milling HAP Summ.		x	x	
Naphthalene	3		YES	3.73E-07	G.2-2	3.73E-07	3-2	3.73E-07	Milling HAP Summ.		x	x	
Naphthalene	4		YES	1.66E-07	G.2-2	1.66E-07	3-2	1.66E-07	Milling HAP Summ.		x	x	
Naphthalene	12		YES	2.87E-10	G.1-2	2.87E-10	3-2	2.87E-10	Milling HAP Summ.		x	x	
0-Ethyltoluene	2	*	NO	1.54E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
0-Ethyltoluene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
0-Ethyltoluene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
0-Ethyltoluene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
0-Xylene	2		YES	3.46E-07	G.2-3	3.46E-07	3-2	3.46E-07	Milling HAP Summ.		x		x
0-Xylene	3		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
0-Xylene	4		YES	1.37E-07	G.2-3	1.37E-07	3-2	1.37E-07	Milling HAP Summ.		x		x
0-Xylene	12		NO		G.1-3		3-2	1.68E-10	Milling HAP Summ.		x		x
p-Cymene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
p-Cymene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
p-Cymene	4	*	NO	4.63E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
p-Cymene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Phenanthrene	2	*	NO	2.60E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Phenanthrene	3	*	NO	3.94E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Phenanthrene	4	*	NO	9.02E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Phenanthrene	12	*	NO	2.32E-10	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Phenol	2		YES	4.65E-08	G.2-2	4.65E-08	3-2	4.65E-08	Milling HAP Summ.		x	x	
Phenol	3		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Phenol	4		YES		G.2-2		3-2	ND	Milling HAP Summ.		x	x	
Phenol	12		YES	6.99E-10	G.1-2	6.99E-10	3-2	6.99E-10	Milling HAP Summ.		x	x	
Propane	2	*	NO	1.07E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propane	3	*	NO	1.18E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propane	4	*	NO	6.59E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propane	12	*	NO	1.78E-08	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Propylene	2		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propylene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propylene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Propylene	12	*	NO	3.30E-10	G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Pyrene	2		YES	0.00E+00	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Pyrene	3	*	NO	1.41E-08	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Pyrene	4	*	NO	3.14E-09	G.2-2	ND	3-2	ND	Milling HAP Summ.			x	
Pyrene	12	*	NO	6.99E-11	G.1-2	ND	3-2	ND	Milling HAP Summ.			x	
Styrene	2		YES	1.55E-07	G.2-3	1.55E-07	3-2	1.55E-07	Milling HAP Summ.		x		x
Styrene	3		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
Styrene	4		YES		G.2-3		3-2	ND	Milling HAP Summ.		x		x
Styrene	12		YES		G.1-3		3-2	ND	Milling HAP Summ.		x		x
Tetrachloroethene	2		YES	6.39E-08	G.2-3	6.39E-08	3-2	6.39E-08	Milling HAP Summ.				x
Tetrachloroethene	3		YES		G.2-3		3-2	ND	Milling HAP Summ.				x
Tetrachloroethene	4		YES		G.2-3		3-2	ND	Milling HAP Summ.				x
Tetrachloroethene	12		YES		G.1-3		3-2	ND	Milling HAP Summ.				x
Toluene	2		YES	3.28E-07	G.2-3	3.28E-07	3-2	3.28E-07	Milling HAP Summ.		x		x
Toluene	3		YES	3.71E-07	G.2-3	3.71E-07	3-2	3.71E-07	Milling HAP Summ.		x		x
Toluene	4		YES	1.95E-07	G.2-3	1.95E-07	3-2	1.95E-07	Milling HAP Summ.		x		x
Toluene	12		YES	3.86E-08	G.1-3	3.86E-08	3-2	3.86E-08	Milling HAP Summ.		x		x
trans-2-Hexene	2	*	NO	5.38E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
trans-2-Hexene	3		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
trans-2-Hexene	4		YES		G.2-3	ND	3-2	ND	Milling HAP Summ.				x
trans-2-Hexene	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Trichlorofluoromethane	2	*	NO	2.31E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Trichlorofluoromethane	3	*	NO	4.71E-08	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Trichlorofluoromethane	4	*	NO	1.33E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Trichlorofluoromethane	12		YES		G.1-3	ND	3-2	ND	Milling HAP Summ.				x
Undecane	2	*	NO	9.22E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Undecane	3		YES	ND	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Undecane	4	*	NO	3.32E-07	G.2-3	ND	3-2	ND	Milling HAP Summ.				x
Undecane	12		YES	ND	G.1-3	ND	3-2	ND	Milling HAP Summ.				x

Milling HAP Summ = Milling HAP Emission Factor Summary

(a) Included in Volume 2, Carbon Disulfide is listed in a Sulfur Summary Table, which notes the Emission Factor as 5.30e-07 for Compound 2, 3.76e-07 for Compou

ND=No Data, A Blank Gray Cell = Non Detect, N/A = Not applicable