ecology and environment, inc.
CLOVERLEAF BUILDING 3, 6405 METCALF, OVERLAND PARK, KANSAS 66202, TEL. 913/432-9961
International Specialists in the Environment

Site: Rose, Martha
ID #: MOD980633069
Break: 24
Other:
5-21-88

TO: Ronald D. McCutcheon, EPA/DPO

FROM: Fritz Hoffmeister, E&E/TAT

THRU: Paul Kopsick, E&E/TATL

DATE: May 21, 1988

40025855
SUPERFUND RECORDS

RE: Martha C. Rose Chemical Co. inventory data management
TDD # T-07-8801-012B
PAN # TMO0502SAD

Data obtained during the field inventory of contaminated materials stored in the Martha C. Rose PCB warehouse was entered into the USEPA database, beginning January 4, 1988. TAT personnel who had been involved in the actual inventory process were tasked to enter data. Records added to the database included the EPA identification number, the article number, the type of contents, the resting location, the manifest number and general remarks.

Coordination meetings and telephone discussions were held on a regular basis with EPA OSC, Mr. George Hess and Mr. Reuben Mc Cullers, a representative of the USEPA specially assigned to this site. The meetings were held to assure that project goals were being met on time and the technical parameters of the project were being observed.

Quality assurance and control (QA/QC) procedures were employed extensively. Data printouts were independently cross-checked with original data sheets to assure the accuracy and completeness of data entry. Additional QA/QC procedures were executed by the E&E/TAT computer coordinator, Mr. Gene Austin, and by Mr. Mc Cullers of the USEPA.

Final iterations of the deliverable were completed and transmitted to the USEPA during the week of March 14, 1988. The deliverable consisted of three floppy diskettes and one hard-copy printout of over 450 pages.

The large numbers of apparent dicsrepencies which arose when the TAT inventory being compared to the RPs inventory was a critical point in the enforcement case. TATs clear organization of the field inventory itself, the data sheets and data input was a key to confirming the validity of the new database.

recycled paper

MARTHA C. ROSE CHEMICAL, INC.
Holden, Missouri

Facility Inventory

March 14, 1988

----------YELLOW COPY----------

March 14, 1988

MEMORANDUM

SUBJECT: Martha C. Rose Chemical, Inc., Holden, Missouri
Facility Inventory

FROM: George K. Hess
FIRE/EP&R/ENSV

TO: Charles P. Hensley
Chief, EP&R/ENSV

INTRODUCTION

EP&R was tasked on October 26, 1987, to conduct an inventory of the contents of the Martha C. Rose Chemical Company's Holden facility. The objective of the inventory was to obtain the alpha-numeric numbers utilized and assigned by Martha C. Rose Chemicals, Inc. (MCR) when the company was operating the Holden facility.

EP&R was tasked to conduct the inventory when the Regional Superfund section could not agree on the adequate level of respiratory protection to be utilized for the inventory by the REM IV (contract #68-01-7251) contractor, Black and Veatch. Black and Veatch contended the inventory had to be performed in level B respiratory protection. The Region felt this was excessive and costly.

The Technical Assistance Team (TAT), contract #68-01-7368, was utilized to conduct the inventory as a special project. The TAT provided the data recorders and entered the data into the computer data base. They subcontracted for the forklifts and operators to Total Environmental Services and Technologies (TEST), a subsidiary of Deffenbaugh Industries.

The on-site work started on November 16, 1987, and was completed on December 22, 1987. A total of approximately 10,000 articles were inventoried during this activity. The contents of one drum was spilled and cleaned up during the activity. Two 55-gallon drums were placed in 85-gallon overpacks due to their pre-existing poor, leaking condition.

Concurrences

Symbol	FIRE	FIRE	EP&R	ENSV			
Surname	GKH	[illegible]	Hensley	[illegible]			
Date	3/14/88	3/14/88	3/14/88	3/16/88			

3-17-88

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

March 14, 1988

MEMORANDUM

SUBJECT: Martha C. Rose Chemical, Inc., Holden, Missouri
Facility Inventory

FROM: George K. Hess GKH
FIRE/EP&R/ENSV

TO: Charles P. Hensley
Chief, EP&R/ENSV

INTRODUCTION

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OBJECTIVE

An alpha-numeric identification system was utilized by MCR as PCBs and PCB items arrived at the Holden facility. MCR assigned a letter code (i.e., T for transformer, C for capacitor, O for oil, L for non-oil liquids, W for water, M for miscellaneous solids such as soil and clothing) followed by a sequential number code. The Rose codes are attached in appendix D.

The receiving manifest number was taken from the manifest and utilized by MCR either as PCBs or PCB items arrived at the Holden facility or as PCBs or PCB items were picked up by MCR when the company acted as the transporter of the material.

The alpha-numeric system was utilized a second time when PCBs or PCB items were processed at the Holden facility. A letter code (i.e., CP for capacitor core paper, A, AA or 4A for capacitor cores, OX for capacitor oil, TS for transformer shells) followed by an item specific sequential number (along with the date of generation) was placed on the item processed or, as occurred in most cases, the containers holding processed parts.

With these identification system codes, a person can refer back to the MCR logbooks and/or processing records and determine which generator's PCB wastes, or parts thereof, remain onsite. From EPA's perspective, this information is crucial to the investigations into the manner in which MCR disposed of its wastes. A case in point is the B&B Salvage Company facility in Warrensburg, Missouri, to which MCR sent over 400 supposedly drained PCB transformers or PCB-contaminated transformers. Since the Rose Chemicals Steering Committee (RCSC) declined to take responsibility for the PCB-contamination at the B&B Salvage facility, EPA must determine, to the extent possible, the subset of the RCSC PRPs from whom EPA's B&B Salvage response costs may be sought. Because of the B&B Salvage situation and other possible instances of improper off-site disposal by MCR, a determination has to be made as to the amount of PCB material that still exists and which PRPs' materials remain onsite. The recording of the data by EPA was necessary to these determinations. The data obtained was entered into the existing computer data base for evaluation. When the inventory of the transformers was started, it was realized that the generators had not obtained all the available manifest numbers. As a result, all available manifest numbers and warehouse numbers were obtained during the inventory.

Several other minor activities were also conducted. One included recontainerizing leaking containers or tightening drum bunges to reduce any additional spreading of PCBs. During the activity, two 55-gallon drums were overpacked into 85-gallon drums due to their pre-existing conditions. Also, any documents which

were discovered were collected and placed at a central location. Lastly, the inventory was to be performed in an expeditious manner so the PRPs would not be held up in the overall site cleanup.

RESPIRATORY PROTECTION

The major factor which hampered the implementation of the inventory was the proper level of respiratory equipment required to perform this task. Originally, the Superfund section had tasked their contractor (REM IV-Black and Veatch) to perform this task. Black and Veatch proposed to follow the guidance provided under NIOSH Bulletin #45, Polychlorinated Biphenyls (PCBs): Potential Health Hazards from Electrical Equipment Fires or Failures. In this document, NIOSH recommended an exposure limit of 1 ug/m^3 based on the findings that PCBs are potential human carcinogens. This, coupled with the fact PCBs do not have adequate warning properties at 1 ug/m^3, the contractor concluded the work must be performed with workers being provided supplied air (SBCAs). The OSHA permissible exposure limit (PEL) for chlorodiphenyl products for 42 percent chlorine is 1.0 mg/m^3. The PEL, however, is only for skin contact, not vapors.

EPA-ERT, OSHA and ASTDR were consulted with prior to the final selection of respiratory protection. Attached in appendix A is the correspondence associated with the respiratory selection. The Region selected Racal-powered, full-face air purifying respirators (PAPRs) with AP3 canisters to be utilized by the data recorders. Due to the controversy over the respiratory selection, the fact the forklift operators were subcontractors to the TAT contractor and the upgrade added minimal cost and inconvenience, the equipment operators utilized supplied air respirators.

To monitor the potential for exposure, two types of monitoring were performed during working hours in the building. The monitoring consisted of personnel monitoring for PCBs and area monitoring for particulites (dust).

The personnel monitoring was performed on a weekly basis while work was performed. Sampling pumps were placed on two personnel per week, one on a data recorder and one on a forklift operator. Gilliland model IHP-513AUP pumps with Florisil collection tubes were used to obtain the samples. The collection method used was the NIOSH method 5503. The samples were analyzed at the Regional laboratory by the TAT under (TDD) #T07-8711-011. All samples obtained were reported non detect for PCBs within the detection limit perimeters of method 5503.

Previous sampling inside the structure of the main building indicates the interior is contaminated with percent levels of PCBs. In order to monitor this potentially-airborne particulate

contamination, a particulate monitoring device was used. A Miniram Aerosol monitor, model PDM-3, from Monitoring Instruments for the Environment, Inc. (MIE) was used during this inventory.

EQUIPMENT DECONTAMINATION

All equipment was cleaned prior to demobilization from the site. Conformation sampling was conducted on larger items removed from the site. An action level of 10 ug/100 cm^2 was used. These samples were analyzed under the same TDD as were the air samples. The sample results are attached in appendix C. The main items tested prior to demobilization were the forklifts. One sample was obtained from an air bottle to confirm adequate cleaning of the air bottles and propane bottles. In addition to the pressure washing, the engine air filters were removed and disposed of as PCB contaminated prior to leaving the site. The decontamination was performed in an existing PCB-contaminated area.

WORK SCHEDULE

The work progressed onsite Monday through Friday. The actual work inside the warehouse was approximately from 0800 hours to 1630 hours, with a one hour lunch break. The TAT provided a total of approximately five people throughout the project; one team leader (Fritz Hoffmeister) and four data recorders. TEST provided two equipment operators and at least one support person. An EPA on-scene coordinator (OSC) was on site while work was performed in the warehouse. At Clean Sites' request, no work was performed November 27 (see letter in appendix B). Due to heavy snow, no work was performed onsite December 14 and 15. Throughout the activity, Clean Site, Inc. (CSI) had a representative onsite to monitor EPA's activities.

NARRATIVE OF EVENTS

At the request of EP&R, Phil Campagna, EPA/ERT, Edison, New Jersey, was on site November 2 and 3, 1987, to obtain air samples inside the main warehouse at the MCR Holden facility. The purpose of the sampling was for ERT to assist the Region in determining the initial level of personnel protection to conduct the inventory. Attached (appendix A) is the findings of the investigation.

On November 6, 1987, a meeting was held at the site to discuss the upcoming activity with the generators' contractor, CSI. The meeting was attended by Steve Kinser, Rubin McCuller and myself representing EPA and Robin Robinson and Cliff Kline for CSI. The scope of the project and the level of cooperation the Agency could expect from the PRPs were discussed. CSI indicated a willingness to assist EPA to control costs by avoiding the need for the Agency to duplicate facilities and contingency supplies already present at the site. The Agency agreed to overpack any

drums discovered during the inventory which needed attention due to their deteriorating condition.

TAT mobilization to the site and the inventory started November 16, 1987, in the afternoon. The inventory started with the transformers located on the north side of the main building. When it became evident the steering committee's inventory did not include all the available manifest numbers, the scope of the project was increased to also obtain all manifest numbers.

The TAT's subcontractor, TEST, mobilized on site November 17, 1987. At this time, three groups of data recorders were working through-out the building. One group started in the old process area, the second continued with the transformers and the third started at the east end of the south side of the main building with the drums.

On November 24, 1987, the inventory was completed on the north side of the warehouse, numbers were not obtained from 14 crates on the west side of area #1 due to an overhead pipe not allowing for safe removal. Apparently, when the generators' contractor placed the crates in the area, the pipe was broken at one end causing the pipe to rest on the crates.

On December 7, 1987, I verbally discussed my comments of the Rollins work plan with Robin Robinson, CSI, and indicated the written comments would be sent to Steve Kinser, SPFD, for his action. Also on this day, a 55-gallon drum of liquids was spilled at the west end of the south half of the building (spill report attached in appendix B). The drum had the generator inventory number of 19320 and a MCR warehouse number of OX419. The drum was an open-top drum (17H) which did not have the bolt to secure the top rim. The drums on the pallet were not banded together, so when it was bumped by the forklift removing a pallet, one row over the drum fell off the pallet causing the top to came off the drum, emptying the contents on the floor. The oily material was confined to the inside of the structure. The material was cleaned up with 16 sacks of oil dry and placed in five 55-gallon drums. After the gross contamination was cleaned up, the area was wiped twice with kerosene.

Carl Bailey, EPA/EP&R, was the EPA representative on December 16 through December 18, 1987. The field data recording was completed on December 18, 1987.

The forklifts were decontaminated and sampled on December 21, 1987. Also, I met with George Ducan, CSI on-site representative, to resolve any problems or conditions which needed attention prior to demobilization. When these items were completed, TAT and EPA demobilized on December 21. TEST was completely demobilized from the site by C.O.B., December 22, 1987.

The data entry was completed in the computer data base on March 11. Attached (appendix D) is a printout of the data collected and a computer disk of the data. A key to the generator codes is also attached in appendix D.

OBSERVATIONS

During the inventory, several items out of the ordinary were observed.

On transformer, generator inventory code 10228, had two MCR labels on it. The yellow hazardous waste label indicated the generator was Delo, with a MCR warehouse number of T18789, manifest #1485 and a storage date of September 6, 1985. A white tag had the MCR warehouse number T18841 and a storage date of April 1?, 1984. The transformer was manufactured by General Electric and has a serial number of C787015 57P.

Several transformers contain capacitor casings. Although the contents of the transformers was not specifically checked, the following transformers were observed to contain what appeared to be capacitor casings: 10217, 10221, 10331, 10356, 10357, 10361, 10364, 10365, 10368, 10370, 10401, and 10402. Two transformers, 10376 and 10200, appear to contain soil and debris.

Two transformers had the same generator inventory code number, 10703. The transformer with the bar code sticker was from Missouri Public Service with the MCR warehouse number T20113, manifest number 1626 and a storage date of August 29, 1985. The other (smaller, approximately 25 to 30 pounds) was marked with a painted number and was from Raleigh Parks and Recreation with the MCR warehouse number T21863, manifest number 1805 and a storage date of October 1, 1985.

Several of the transformers did not have MCR warehouse numbers. When this occurred, a notation of N/A (not available) was entered into the computer data base. If the MCR warehouse number could not be obtained, an attempt was made to further identify the transformer. If the serial number plate was still on the transformer, this was recorded. However, several items contained no identification labels, serial number plates or warehouse numbers.

During the inventory, two cardboard boxes of transformer serial plates were discovered north east of the interior door to the capacitor core room. A large percentage contained what appeared to be the MCR warehouse number. The approximate 1,000 tags were placed in a 55-gallon drum and moved to entrance #1 of the main building.

During the inventory, an attempt was made to collect any MCR documents which were still in the main warehouse. These documents were moved to one location (east of entrance #1).

Attachments

cc: Steve Kinser, SPFD
Scott Pemberton, CNSL
Federal Bureau of Investigation

APPENDIX A

Site Health & Safety Data

10-30-87

MEMORANDUM

SUBJECT: Employee Protection Against PCBs at the Martha C. Rose Site

FROM: Sheldon Rabinovitz, Industrial Hygienist
Occupational Health and Safety Staff

TO: John Hess, On Scene Coordinator
Region VII

An air sampling survey was conducted by the inventory contractor at the Martha C. Rose Site, and the results indicated the presence of measurable amounts of PCB vapors. Based on those results, the contractor proposed to inventory the site in level B protection. You asked this office for guidance as to whether level B was really necessary.

We responded to you verbally after consultation with the Environmental Response Team (ERT) in Edison that additional sampling should be conducted prior to continuing the inventory work in level B. The contractor's survey results may be questionable; and, now that summer is over, the probability of PCB vaporization is reduced. ERT has volunteered to conduct an additional air sampling survey to determine potential employee exposures while inventorying the site. The survey would be conducted in level B, because exposure conditions are still considered to be unknown.

In the event PCB vapors are still detected, guidance would be required in selecting the appropriate respiratory protection. Such selections are based on applicable exposure limits. Unfortunately, existing limits for PCB's are either not based on the potential carcinogenic properties of PCB or they are set on protecting all workers without regard to acceptable risk limits.

We are proposing to have ICF, an OSWER contractor, perform a limited risk assessment on PCBs. This would provide information on health effects of exposure to PCB's which would permit us to provide guidance on respiratory protection for exposures to low levels of PCBs. While the assessment is being completed, we suggest that you accept ERT's offer to conduct the industrial hygiene survey. If the results of the survey indicate measureable amounts of PCB vapors or relatively high amounts of PCB dusts, you should delay starting the inventory effort. If the project cannot be delayed, the work could be conducted using level B protection.

If the results of the survey indicate the presence of only small amounts of PCB dusts (less than 50 micrograms per cubic meter), than a full facepiece air purifying respirator with HEPA filters and an organic cartridge can be used. If no PCB vapors or particulates are found, air purifying respirators with HEPA cartridges should still be used as a precaution in case some PCB dusts are disturbed during the work. Air purifying cartridge respirators can not be used for protection against chemicals having poor odor warning properties such as PCBs. However, if adequate service life testing were conducted, air purifying respirators may

still be an option for protection against PCBs under certain conditions. After the results of the survey are evaluated, further guidance will be given.

If you have any questions please call me at FTS 382-3649.

cc: John Chamberlin
Timothy Fields
Rod Turpin

File G. Hess

ecology and environment, inc.

195 SUGG ROAD, P.O. BOX D, BUFFALO, NEW YORK 14225, TEL. 716-632-4491, TELEX 91-9183

International Specialists in the Environment

November 11, 1987

Mr. Sheldon H. Rabinovitz, CIH
NIOSH
4670 Columbia Parkway
Cincinnati, OH 45226

Dear Mr. Rabinovitz:

Our field personnel in Kansas City are mobilizing this week for work at the Martha Rose PCB site. While we had planned to do work on-scene in Level C, I find that my hygiene staff is having increasing difficulty in convincing others on-site of justification for this level of protection.

Under most circumstances, E&E welcomes the opportunity to be overly conservative in personal protection, however, it is felt that the present situation has the potential to be precedent-setting for all future PCB work of this type.

Your name continually comes up as the driving force behind the Level B decision so, briefly, here is our logic for Level C.

<u>Assumptions</u>

Protection factors:

APR/PAPR - 50

SCBA - 10,000

TLV/PEL for PCB_{42} - 1 mg/m^3 or .095 ppm

NIOSH Criteria Document - 1 ug/m^3

MUC for APR (for 42%) approx. = 5 ppm

Recent air monitoring results (using NIOSH methodology) at the Rose site show a range of 0.012 - .09 ppm PCB_{42}. I have no data indicating any other PCB's but 42%. The worst case bulk dust result that was provided to me showed 29 ug/mg or 29,000 ppm PCB_{42}. Therefore, assuming an extraordinary total dust concentration of 20 mg/m^3, we would have a concurrent airborne PCB_{42} concentration of 0.58 mg/m^3 or 0.056 ppm.

Clearly, this is significantly below the MUC, PEL or TLV for 42%. OSHA and ACGIH have not acted on NIOSH's recommended concentration.

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While I understand that forklift operators will be on air, I remain unconvinced of the need for Level B for all team members.

Please contact me directly, or my IH on-site in Kansas City (Fritz Hoffmeister) with your comments, as I would like to resolve this before project kick-off next week.

Thank you for your cooperation,

Steven J. Sherman
Sr. Industrial Hygienist

SJS/clf

cc: F. Hoffmeister

U.S. Department of Labor

Occupational Safety and Health Administration
Washington, D.C. 20210

Reply to the Attention of:

Mr. George Hess
U.S. Environmental Protection
Agency
Region 7
25 Funston Road
Kansas City, Kansas 66115

Dear George:

As you requested, I have reviewed the report on Polychlorinated Biphenyls (PCB) Item Inventory Efforts at the Martha C. Rose Chemical Co. Site, which was prepared by Black & Veatch (B & V). My comments are limited to respirator selection.

The National Institute for Occupational Safety and Health (NIOSH) Current Intelligence Bulletin (#45) on PCBs recommended an exposure limit of 1 ug/m^3. The results of air sampling conducted at the site indicated that the highest ambient concentration of the PCBs was 947 ug/m^3 (Table 1 of the B & V report). If we use the NIOSH recommended limit as a basis for respirator selection, any respirator which has achieved a protection factor (PF) of 1,000 is acceptable. Only three types of tight-fitting positive-pressure respirators could meet this requirement. These include: self-contained breathing apparatus (SCBA), continuous flow or pressure demand supplied air respirator (SAR), and powered air-purifying respirator (PAPR) equipped with high-efficiency particulate air (HEPA) filters or the combination of HEPA and organic vapor cartridges. Each of the above has a maximum use limit of 1,000 or more as listed in published Occupational Safety and Health Administration (OSHA) health standards.

I would recommend the use of a half-mask PAPR equipped with a combination of HEPA filter and organic vapor cartridges for the PCB inventory or removal operation at this site because of cost, productivity, weight, and maneuverability. Use of a full facepiece does not give significantly higher protection than a half-mask for a positive-pressure respirator. Additionally, reduced peripheral vision may be expected from a full facepiece.

The performance of the tight fitting PAPR has been evaluated for OSHA by the Los Alamos and the Lawrence Livermore National Laboratories. Both studies were performed inside an environmental chamber under different stress conditions. The Los Alamos study was performed under extremes of temperature and humidity. In addition to PAPRs, SARs and negative-pressure

half-mask and full facepiece air-purifying respirators were also selected for testing. The results indicated that the half-mask PAPR gave the same level of performance as the full facepiece pressure demand (PD) SAR under all testing conditions. NIOSH considers, in their intelligence bulletin for PCBs, the PDSAR is acceptable for protection against PCBs exposure. The performance of the negative-pressure air-purifying respirators degraded significantly under the combination of high temperature, humidity and workload.

The performance of both the tight fitting and the helmet type PAPRs was evaluated in the Lawrence Livermore study. The performance of each of the above was measured while the test subjects were working on a treadmill at up to 80 percent of their cardiac reserve capacity. The results indicated that the test aerosol penetration through the tight-fitting half-mask PAPR did not change with work rate.

Based on these two independent studies, I believe that any approved tight fitting PAPR would provide adequate protection to satisfy your needs. Since NIOSH recommends a protection factor of only 50 for the tight-fitting PAPRs in their Respirator Decision Logic, I would like to explain why low results were obtained in their study. The NIOSH study was conducted at a lead smelter where the performance of a tight-fitting PAPR and a half-mask air-purifying respirator was determined. The ambient concentration of lead was about ten times above the OSHA permissible exposure limit. NIOSH concluded that the PAPR did not provide 100 times more protection than the negative pressure respirator in spite of the fact that both respirators were tested at the same workplace. I can provide you with information concerning the selection and use of the PAPR if you intend requiring the contractor to use this type of respirator.

I am enclosing copies of the Los Alamos, Lawrence Livermore and NIOSH studies for your information. Please feel free to contact me if you have any questions.

Sincerely,

Ching-tsen Bien
Supervisory Industrial Hygienist
Office of Science and Technology Assessment

Enclosures

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ASSIGNED PROTECTION FACTORS FOR TWO RESPIRATOR TYPES BASED UPON WORKPLACE PERFORMANCE TESTING

S. W. LENHART and D. L. CAMPBELL

Division of Safety Research, National Institute for Occupational Safety and Health, 944 Chestnut Ridge Road, Morgantown, WV 26505, U.S.A.

Abstract—An industrial hygiene study was conducted in a primary lead smelter in the United States to investigate the appropriateness of the protection factors assigned to half-mask negative pressure air-purifying respirators and to powered air-purifying respirators. Personal sampling was conducted to determine actual workplace protection factors for respirators representing each of these respirator classes. Although the determination of assigned protection factors is influenced by the degree of confidence desired, a value of 10 was concluded to be generally acceptable for the half-mask negative pressure air-purifying respirator when used under the given study conditions. However, even an assigned protection factor of 500 was indicated to be an inappropriately high value for the half-mask powered air-purifying respirator, and a value not in excess of 50 is suggested as appropriate.

INTRODUCTION

PROTECTION factors have been assigned to various classes of respirators as a guidance for respirator selection. These are intended to be used as measures of the anticipated protection that can be expected from a respirator used in the workplace. For example, 10 is widely accepted as the assigned protection factor for a half-mask negative pressure air-purifying respirator with high efficiency filters (BSI, 1974; PRITCHARD, 1976; U.S. DEPARTMENT OF LABOR, 1978; ANSI, 1980; BIRKNER, 1980), while half-mask powered air-purifying respirators with high efficiency filters have been assigned protection factors of 500 (BSI, 1974), 1000 (PRITCHARD, 1976; U.S. DEPARTMENT OF LABOR, 1978) and 3000 (ANSI, 1980; BIRKNER, 1980).

It is generally assumed that a properly used and properly maintained respirator will provide a level of protection equal to or greater than its assigned protection factor for the vast majority of wearers. Assigned protection factors have, however, not been based on actual measurements of workplace protection factors. Instead, they have been based on laboratory tests in which a group of respirator wearers perform a specific regimen of head and body movements while in a test chamber containing a challenge aerosol. It has generally been assumed that these laboratory tests are predictive of the protection that will be provided in the workplace. To date, however, the few checks that have been reported have called this into question (MYERS and PEACH, 1983). The purpose of this study is to investigate the accuracy of the protection factors mentioned above by

Mention of company names or products does not constitute endorsement by the National Institute for Occupational Safety and Health.

TABLE 1. LAPEL AND IN-MASK SAMPLE CONCENTRATIONS AND WORKPLACE PROTECTION FACTORS FOR WORKERS WEARING MSA HALF-MASK NEGATIVE PRESSURE AIR-PURIFYING RESPIRATORS

Worker	Job title	Lead concentration ($\mu g\ m^{-3}$) Lapel	In-mask	Workplace Protection Factor: $\left(\frac{\text{Lapel concentration}}{\text{In-mask concentration}}\right)$
Sinter plant workers				
S1	Mix room man	1200	1.2	1000 (±210)
S2	Mix room helper	2400	2.0	1200 (±250)
S3	South end man	860	4.8	180 (±38)
S4	Operator	2200	12	180 (±38)
S5	Helper	570	1.4	410 (±86)
S6	Helper	28 000	13	2200 (±460)
S7	Operator helper	1300	12	110 (±23)
Blast furnace workers				
B1	Operator	110	0.92	120 (±25)
B2	Helper	460	1.2	380 (±80)
B3	Utility man	420	2.1	200 (±42)
B4	Operator helper	190	<0.22	860
B5	Utility man	92	1.7	54 (±11)
B6	Head operator	880	28	31 (±6)
B7	Operator	160	0.98	160 (±34)
B8	Head operator	210	6.1	34 (±7)
B9	Utility man	400	<0.23	1700
B10	Operator helper	490	2.9	170 (±36)
B11	Operator	200	19	10 (±2)
B12	Helper	2900	30	97 (±20)
B13	Helper	750	1.2	620 (±130)
B14	Head operator	670	1.6	420 (±88)
B15	Operator	340	12	28 (±6)
B16	Utility man	470	3.9	120 (±25)
B17	Utility man	280	12	23 (±5)
B18	Helper	420	2.2	190 (±40)

[a]Values in parentheses are to be used for obtaining 95% confidence limits.

influences in-mask sample concentrations by approximately 10%. BALLANTYNE and SCHWABE (1981) have commented that, although there are considerations about the effects of inhalation/exhalation upon in-mask samples, these errors are probably insignificant. The in-mask sample concentration values in Tables 1 and 2 are uncorrected for the effects of dilution by the exhaled breath.

Probability plots of lapel lead concentration values revealed that they were adequately described by a log-normal distribution. Therefore, before conducting statistical analysis of lapel lead concentration values, a logarithmic transformation of the original data was performed. Statistical analysis using the Student's t-test statistic at a significance level of 0.05 indicated that there was no significant difference between the geometric mean lapel concentration values of Table 1 and Table 2 ($P=0.5$). The lapel lead concentration values of Table 1 have a geometric mean of 580 $\mu g\ m^{-3}$ with a geometric standard deviation of 3.4. The lapel lead concentration values of Table 2 have a geometric mean of 480 $\mu g\ m^{-3}$ with a geometric standard deviation of 2.2.

Five in-mask lead concentrations were below the level of detection. Concentration values for these samples are reported, however, and were determined from the least

TABLE 2. LAPEL AND IN-MASK SAMPLE CONCENTRATIONS AND WORKPLACE PROTECTION FACTORS FOR WORKERS WEARING MSA HALF-MASK POWERED AIR-PURIFYING RESPIRATORS

Worker	Job title	Lead concentration ($\mu g\ m^{-3}$) Lapel	In-mask	Workplace Protection Factor: $\left(\frac{\text{Lapel concentration}}{\text{In-mask concentration}}\right)$
Sinter plant workers				
S1	Mix room man	460	20	23 (±5)
S2	Mix room helper	630	1.2	520 (±110)
S3	South end man	1400	1.6	880 (±180)
S4	Operator	870	4.8	180 (±38)
S5	Helper	590	1.5	390 (±82)
S6	Helper	2500	2.7	930 (±200)
S7	Operator helper	1800	2.9	620 (±130)
Blast furnace workers				
B1	Operator	250	0.57	440 (±92)
B2	Helper	1700	2.1	810 (±170)
B3	Utility man	700	2.9	240 (±50)
B4	Operator helper	320	1.9	170 (±36)
B5	Utility man	240	0.36	670 (±140)
B6	Head operator	220	1.4	160 (±34)
B7	Operator	430	1.2	360 (±76)
B8	Head operator	95	<0.23	410
B9	Utility man	210	0.95	220 (±46)
B10	Operator helper	350	<0.25	1400
B11	Operator	190	<0.22	860
B12	Helper	710	3.2	220 (±46)
B13	Helper	520	5.5	94 (±20)
B14	Head operator	410	0.69	590 (±120)
B15	Operator	350	1.7	210 (±44)
B16	Utility man	680	0.48	1400 (±290)
B17	Utility man	160	0.96	170 (±36)
B18	Helper	760	0.48	1600 (±340)

* Values in parentheses are to be used for obtaining the 95% confidence limits.

amount of lead detectable by the analytical method and the sampled volume of air. These in-mask lead concentration values, two values in Table 1 and three values in Table 2, are preceded by '<' symbols.

The workplace protection factors for both the negative pressure and the powered respirator also were found to be adequately described by log-normal distributions and the two distributions are shown in Figs 1 and 2. The straight line shown on each figure is a least squares fit to the data. The workplace protection factors for the negative pressure respirator have a geometric mean of 180 and a geometric standard deviation of 4.1. The workplace protection factors for the powered respirator have a geometric mean of 380 and a geometric standard deviation of 2.6.

From the distribution of workplace protection factors for the negative pressure respirator shown in Fig. 1, we see that approximately 98% of the workplace protection factors would be expected to be at or above 10, 90% would be expected to be above 30, and 75% would be expected to be above 100.

Similarly, Fig. 2 indicates for the powered respirator that approximately 98% of the workplace protection factors would be above 50, 90% would be above 110, 75% would

absorption spectroscopy according to NIOSH method S-341 (NIOSH, 1977a). All lapel samples were analysed by flame atomic absorption and the limit of detection ranged from 2 to 5 μg of lead per lapel sample filter. All in-mask samples were initially analysed by flame atomic absorption, with those samples containing less than 10 μg of lead analysed by graphite furnace atomic absorption. The vast majority of in-mask samples were analysed by both methods. The limit of detection for in-mask samples was 0.2 μg of lead per in-mask sample filter.

Respirators and sampling trains were donned and removed in a lead-free area separate from the actual work area of the lead smelter. All sampling pumps and the blower of the powered respirator were started and stopped always in a lead-free area. Sampling pumps were started after each respirator was completely donned and functioning properly; sampling pumps were stopped before a respirator was removed. Each worker was instructed not to remove or manipulate the respirator during testing. To ensure that this requirement was followed, the activities of each worker were monitored continually.

Before a respirator was replaced after a worker's break period, the inside of the facepiece was wiped with a moist towel to protect against accidental lead contamination. Additionally, before a powered respirator was replaced, battery voltage was checked for acceptability and air-flow rate was verified to exceed 115 l. min^{-1}. According to manufacturer's requirements, batteries were replaced after 4 h of use. All respirators were thoroughly cleaned and sanitized after each workshift.

Marple cascade impactors with Apiezon grease-coated slides were used to collect environmental samples at various locations at the study site. Sampling locations were selected as close as possible to those positions where study participants were most frequently situated. To analyse the lead content of the slides used during sampling, samples were wet-ashed with nitric and perchloric acids and the perchloric acid was removed by heating at a low temperature. Residues were redissolved in dilute nitric acid, transferred to 10 ml volumetric flasks, diluted to the mark and mixed. The resulting solutions were analysed by an aspiration method along the lines of NIOSH method S-341. Slides which were found to contain 10 μg or less were re-analysed by the graphite furnace method described by NIOSH Method P & CAM 214 (NIOSH, 1977b). The limit of detection for samples analysed by aspiration and graphite furnace atomic absorption spectorscopy was 0.2 μg of lead.

RESULTS

The results of this study are presented in Table 1 for the negative pressure respirator and in Table 2 for the powered respirator. The lapel and the in-mask concentrations are presented in the centre two columns. The workplace protection factors, the ratio of these two concentrations, are presented in the last column. Values in parentheses represent the estimated probable error range derived from the uncertainty in the analytical methods for measuring lead collected by the two sampling trains.

These results are uncorrected for an effect which may cause an overestimation of the workplace protection factors. Because of lung deposition, the in-mask lead concentration is lower during exhalation than during inhalation. The average in-mask concentration measured during this study, therefore, is lower than the true inhaled lead concentration. SMITH *et al.* (1980) have suggested that this dilution from exhaled air

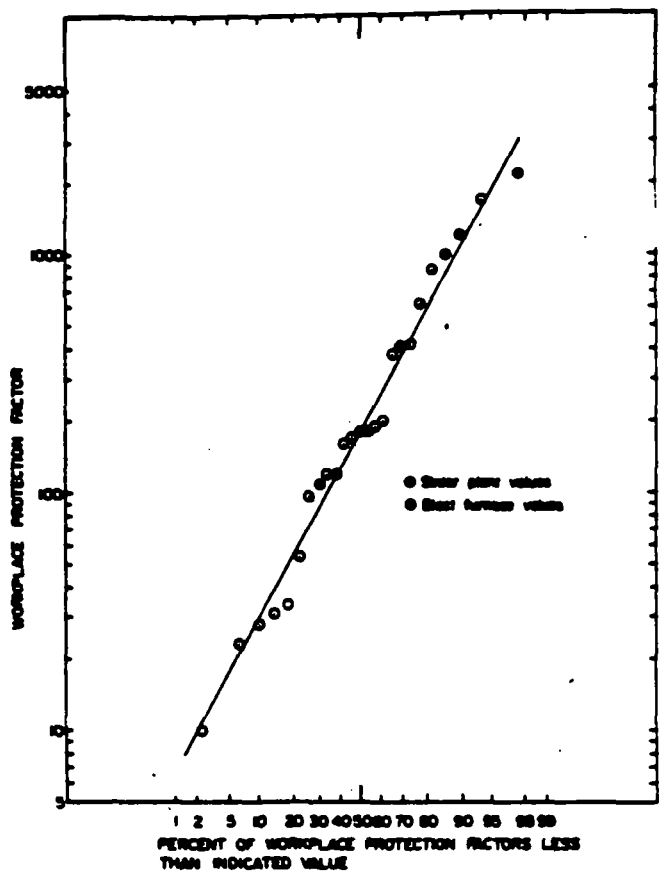

FIG. 1. Log-normal probability plot of workplace protection factors achieved by lead smelter workers wearing half-mask negative pressure air-purifying respirators.

be above 200, 40% would be above 500 and only 25% would be above 1000. It seems, therefore, that neither 3000, 1000 nor 500 is appropriate as an assigned protection factor for the powered air-purifying respirator. This observation is consistent with information presented by MYERS and PEACH (1983).

Before discussing these results further, a more precise definition of assigned protection factor is necessary. One possibility that has been suggested (MYERS *et al.*, 1983) is to define the assigned protection factor, PF_a, in terms of a specified proportion of the workplace protection factors expected to exceed PF_a. For the purpose of this discussion we will specify this proportion to be 95%. Once this proportion is specified, the value of PF_a can be read directly from the regression lines of Figs 1 and 2. Or, equivalently, PF_a can be calculated from the following equation when, as in this case, the distribution is log-normal

$$PF_a = \langle PF_w \rangle / (S_g)^2.$$

In this equation, $\langle PF_w \rangle$ is the geometric mean of the measured workplace

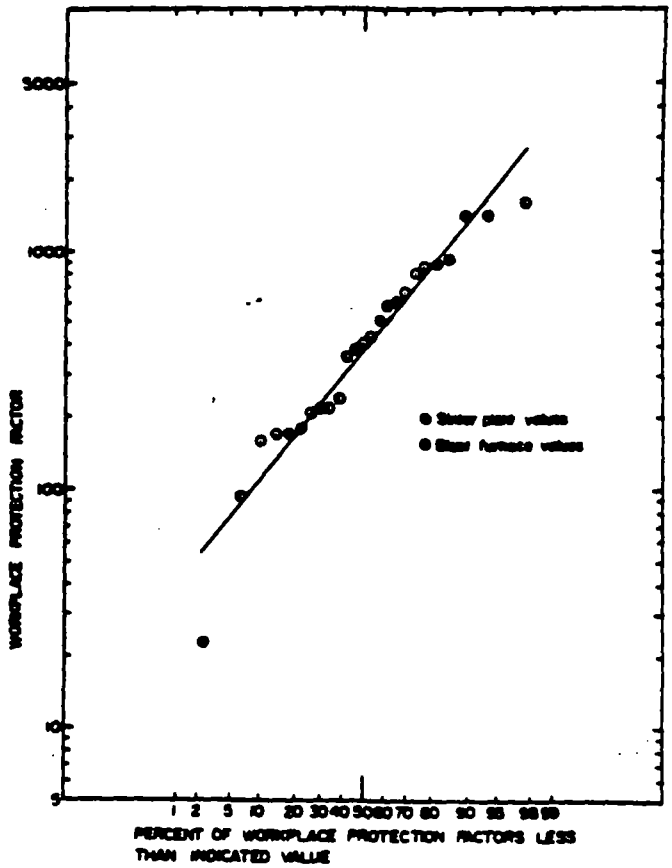

FIG. 2. Log-normal probability plot of workplace protection factors achieved by lead smelter workers wearing half-mask powered air-purifying respirators.

protection factors, S_g is the geometric standard deviation and z is the value corresponding to the selected proportion of workplace protection factors.

The assigned protection factor, PF_a, for the negative pressure respirator evaluated in this study would be given by $PF_a = 180/(4.1)^{1.64} = 18$, where 1.64 corresponds to the selected proportion of 95% and where 180 and 4.1 are the geometric mean and geometric standard deviation quoted previously. Similarly, for the powered respirator, the assigned protection factor is given by $PF_a = 380/(2.6)^{1.64} = 79$. Therefore, when the assigned protection factor is so defined, the use of a PF_a of 10 for the negative pressure respirator is not discredited; however, even the use of a PF_a of 500 for the powered respirator is inappropriate.

A second approach which has been suggested (MYERS *et al.*, 1983) is to define the assigned protection factor in terms of a one-sided lower tolerance limit above which we may predict with a specific confidence level that 95% of the workplace protection factors lie. This approach is more conservative, because it takes into consideration the uncertainty associated with the sample mean and sample standard deviation resulting

from limited sample size. When so defined, the assigned protection factor, PF_a, is a function of the selected confidence level, γ, as well as the selected proportion, P, of workplace protection factors that exceed the value of PF_a

$$PF_a = PF_a(\gamma, P).$$

The method of NATRELLA (1966) was used to compute the assigned protection factors for the two respirators of this study as a function of γ and P. These results are shown in Fig. 3 and indicate that at a confidence level of 90% ($\gamma = 0.9$) approximately 95%

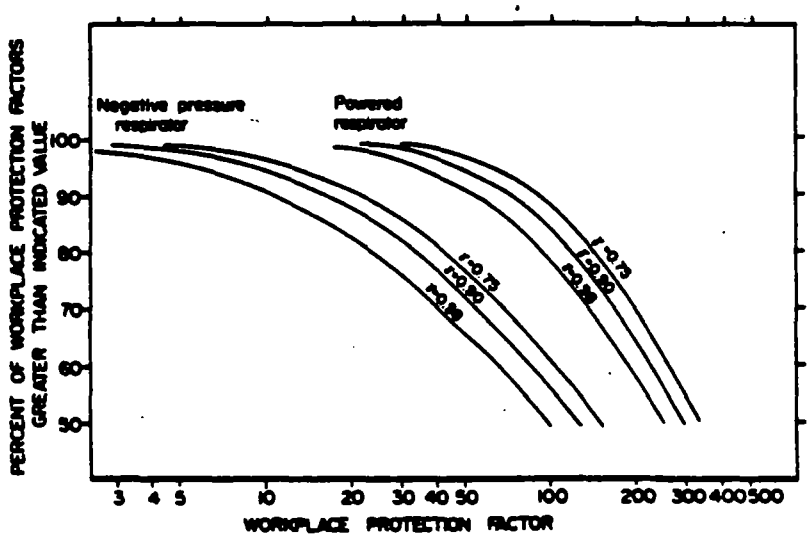

FIG. 3. Tolerance limit curves for half-mask negative pressure respirators and half-mask powered air-purifying respirators. γ = confidence coefficient.

($P = 0.95$) of the negative pressure respirator workplace protection factors exceed a value of 10. At the same confidence level approximately 95% of the powered respirator workplace protection factors exceed 50. Therefore, if we choose to define PF_a in terms of a 90% confidence level, this second definition of PF_a indicates that an assigned protection factor of 10 is appropriate for the negative pressure respirator and that an assigned protection factor of 50 is appropriate for the powered air-purifying respirator.

CONCLUSION

This study's purpose was to investigate the appropriateness of currently assigned protection factors for two respirator types by evaluating the workplace performance of each type in a primary lead smelter. We conclude that, to the extent that the environmental conditions of this study site are representative of conditions that would be found in other workplace settings where these respirator types are used, an assigned protection factor of 10 is appropriate for the half-mask negative pressure air-purifying respirator evaluated in this study. This study's results also indicate that an assigned

protection factor of 500 for the half-mask powered air-purifying respirator is inappropriately high for this device. Rather, an assigned protection factor not greater than 50 is suggested as more appropriate.

It is also important to emphasize that the reported workplace protection factors of this study were achieved by individuals who had been screened for study participation based upon achievement of a quantitative fit factor of 250 while wearing a half-mask negative pressure air-purifying respirator. Typically, quantitative fit tests are not performed prior to assigning a powered air-purifying respirator to a worker. Therefore, this study's results may overestimate the workplace protection factors which would be achieved by a general worker population that had not been so screened.

Additional field studies should be performed under a variety of workplace conditions to evaluate the performance of negative pressure respirators and powered air-purifying respirators other than those described here.

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REFERENCES

ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE) (1980) *American National Standard Practices for Respiratory Protection*, ANSI Z88.2—1980, pp. 20–24. American National Standards Institute, New York.

BALLANTYNE, B. and SCHWABE, P. H. (1981) *Respiratory Protection: Principles and Applications*, p. 308. Chapman & Hall, New York.

BRIKNER, L. R. (1980) *Respiratory Protection. A Manual and Guideline*, p. 26. American Industrial Hygiene Association, Akron, Ohio.

BSI (BRITISH STANDARDS INSTITUTION) (1974) Recommendations for the selection, use and maintenance of respiratory protective equipment. BS 4275:1974. British Standards Institution, London.

DAVIES, C. N. (1968) The entry of aerosols into sampling tubes and heads. *Br. J. appl. Phys. Ser.* 2, 1, 921–932.

LIU, B. Y. H., SEGA, K., KUBOW, K. L., LENHART, S. W. and MYERS, W. R. (1982) *In-mask Aerosol Sampling for Powered Air-purifying Respirators*, Final report for NIOSH Purchase Order 82-40745. National Institute for Occupational Safety and Health, Morgantown, West Virginia.

MYERS, W. R. and PEACH, M. J., III (1983) Performance measurements on a powered air-purifying respirator made during actual field use in a silica bagging operation. *Ann. occup. Hyg.* 27, 251–259.

MYERS, W. R., LENHART, S. W., CAMPBELL, D. and PROVOST, G. (1983) Letter to the editor. *Am. ind. Hyg. Ass. J.* 44, B25–26.

NATRELLA, M. G. (1966) *Experimental Statistics*, National Bureau of Standards Handbook 91, pp. 2–15. U.S. Govt Printing Office, Washington, D.C.

NIOSH (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH) (1977a) *NIOSH Manual of Analytical Methods*, 2nd edition, Vol. 3, pp. 5341-1–5341-7. U.S. Govt Printing Office, Washington, D.C.

NIOSH (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH) (1977b) *NIOSH Manual of Analytical Methods*, 2nd edition, Vol. 1, pp. 214-1–214-6. U.S. Govt Printing Office, Washington, D.C.

PRITCHARD, J. A. (1976) *A Guide to Industrial Respiratory Protection*, pp. 142–145. NIOSH Publication No. 76-189. National Institute for Occupational Safety and Health, Cincinnati.

SMITH, T. J., FERRELL, W. C., VARNER, M. O. and PUTNAM, R. D. (1980) Inhalation exposure of cadmium workers: effects of respirator usage. *Am. ind. Hyg. Ass. J.* 41, 624–629.

UNITED STATES DEPARTMENT OF LABOR (1978) *Occupational Exposure to Lead—Final Standard*. U.S. Govt Printing Office, Federal Register, 43(220) 52952–53014, Washington, D.C.

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THE EFFECTS OF TEMPERATURE AND HUMIDITY ON THE FIT OF RESPIRATORS UNDER SIMULATED WORK CONDITIONS*

ABSTRACT

A study was conducted at the Los Alamos National Laboratory to compare quantitative fit factors and simulated work factors, and determine the effects of temperature and humidity on respirator fit. This study utilized a standard fit chamber and a 28.3m^3 environmental chamber set at six conditions (0°C, 21°C, and 32°C each at 15 and 85% relative humidity) which simulated US work environments. Respirators tested included two helmet powered air-purifying respirators (PAPRs), a half-mask PAPR, one full-face pressure-demand airline respirator, one continuous-flow hood, one full-face negative-pressure respirator (best fit of three sizes), and one half-mask negative-pressure respirator (best fit of three sizes.)

A limited test panel of 20 subjects (22-48 years) was selected by specific fit factor criteria and a medical determination of their physical well being and work capability. The test protocol is discussed.

The test results indicate that respirators with a forced airflow are not significantly effected by temperature and humidity, however some humidity effects are seen for full-face negative-pressure respirators. The present exercises, recommended in ANSI Z88.2 1980 to be performed in quantitative fit tests are not dynamic enough to simulate actual on the job work movements.

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I. INTRODUCTION

A. Background

The quantitative fit factor (FF) is a measurement used to predict the protection that a specified respirator provides a worker while performing his job. It is vital to ascertain how accurately this factor actually predicts this protection. Also of concern are the effects of the temperature and humidity of the work environment on the worker's fit

B. Problem Statement

This study was designed to simulate actual working environments while providing statistical data on the relationship of the FF and the work factor.

II. OBJECTIVES

Three primary objectives were established for this study:

Objective (1) develop Simulated Work Factors (SWF) on respirator wearers (test subjects). A simulated work factor is a fit factor measured under simulated work conditions.

Objective (2) determine a relationship between FF measured on the subject in the fit chamber and the SWF (FF vs. SWF).

Objective (3) determine if temperature and humidity effect the fit of a respirator.

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III. APPROACH

As a precursor to a proposed field study, this study was designed to determine FF and SWF in a simulated work situation. Ten test subjects were quantitatively fit tested in a standard test chamber before entering the environmental chamber set at a temperature and humidity simulating working conditions. As the subjects performed work activities (exercises

selected to duplicate many working body movements - shoveling, lifting and carrying loads for short distances, and swinging sledge hammers) additional quantitative fit measurements were made to determine how well the respirator maintained its original fit under these conditions. The temperature and humidity of the environmental chamber was varied to allow each respirator to be worn in different simulated work environments and evaluate their effects on the fit of the respirators.

IV. METHODOLOGY

A. Subject Selection

A document describing the study was sent to all prospective subjects. Interested persons then attended a meeting where the following items were discussed: (1) all medical screening tests used for acceptance, (2) the work exercises to be performed, (3) the length of each test, (3) the amount paid for each test, and (5) safety equipment and safety precautions for subject protection. A demonstration of the donning and removal procedures for each respirator was presented, and each subject was given an opportunity to ask questions concerning the study.

A panel of ten test subjects, 22-43 years of age, were selected after a medical determination of their physical well being; and whether the subject could perform the required exercises under the study temperatures and humidities. Each subject also was required to achieve minimum FF with various respirators before acceptance. It was necessary to clear sixteen people through the selection procedures in order to provide a complete panel for each series. Only five subjects participated in both series. Work schedule conflicts, automobile injuries, and family medical problems were some of the causes for the other subjects to drop out of the program.

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1. Medical Screening Procedures.

a. Step 1. A potential test subject was scheduled for a complete general physical with the Laboratory's Occupational Medicine Group if he/she was not a Laboratory employee. This physical was equivalent to the Laboratory's new-hire physical and included a computerized medical questionnaire, the physical examination, a resting ECG, an audiology test,

and a pulmonary function test. If the person was a Laboratory employee, and a prescribed length of time (determined by their age) had lapsed since their last physical, an update physical was conducted.

Upon receiving medical clearance from the Occupational Medicine Group to participate in the testing, the person was scheduled for a fit session, described later. He/she had to attain certain minimum FF (see pg. 12) with the test respirators to qualify as a study participant. The person also wore each test respirator for 30 minutes so he/she could determine whether the comfort of the mask was acceptable for a 1.5 to 2 hour test.

b. Step 2. If the person passed all criteria to this point, he/she participated in a maximal stress electrocardiogram (MXT) monitored by a cardiologist. Final subject approval was determined by the cardiologist and a Laboratory physician.

2. Anthropometric Representation. Each subject's facial dimensions (bizygomatic breadth and menton-nasal root depression length) were measured and recorded to determine the representation of study participants on a standard anthropometric panel (Figure. 1) that is believed to represent 95 per cent of the working population of the United States in terms of face length and face width. (1)

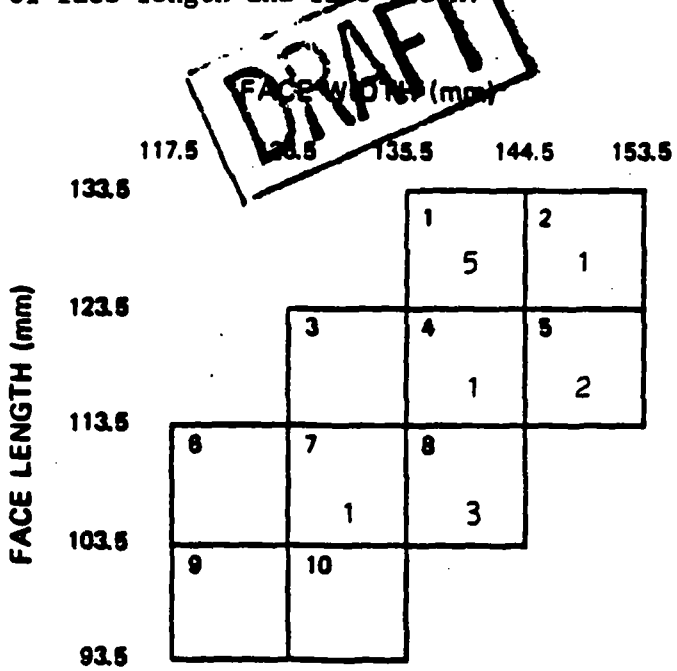

Figure. 1 - Study Representation on Anthropometric Panel.

The subjects were selected by their availability, medical suitability, and ability to achieve certain minimum FF on specified respirators. Anthropometric dimensions were not used in the selection procedures. The mandatory criteria fits (see pg. 12) imposed by the funding agency program monitors, greatly influenced the panel representation.

B. Test Chambers

1. Fit Chamber. A Dynatec-Frontier (D-F) 222-8 Two Man Transportable Fit Chamber was used for the performance of the quantitative fit tests to determine fit factors (FF).

Two Naval Research Laboratory design generators with Laskin nozzles produced a challenge aerosol of di-2-ethylhexyl sebacate (DEHS)in the D-F fit chamber. The generators were used for quick concentration buildup, however, only one was used during a test to maintain the aerosol concentration.

2. Environmental Chamber. Vista Scientific Corp. (Ivyland, PA) designed and built the environmental chamber (EC) according to Los Alamos specifications. The chamber has operating capabilities of -34.4°C to +51.7°C ± 2.7° (-30°F to +125°F ± 5°) and 10% to 95% ± 5% relative humidity.

The chamber consists of a 28.3m^3 (1000 ft^3) room with an attached 5.5m^3 (200 ft^3) antechamber. The enclosures are constructed of aluminum and urethane panels using tongue and grooved construction with cam locks. One 90cm x 120cm (3' X 4') heated window is located on the front of the environmental chamber so the test operator can observe most of the chamber activities. The facility has three doors (two for personnel and one for large equipment) that have heated gaskets. Personnel may safely exit from either chamber even if doors are inadvertently locked from the outside. The chamber floor is covered with nonconductive, nonskid coverings. The chamber has grounded walls, vaporproof electrical outlets, and dimmer controlled incandescent lights that provide a maximum of 100 foot candle illumination.

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Humidification of the chamber air is provided by a steam generator with control by a Vaisala Humicap capacitance type Humidity meter. A Dryomatic R300 rotary drum silica gel dryer is used to dry the chamber air. A 10 HP Carrier aircooled refrigeration compressor and condenser

with two 24-inch fans are used to provide chamber cooling. Freon 502 is used as the refrigerant. Two 4KW electric heaters are used to heat the chamber with additional heat supplied from bypassing the hot Freon through the coils.

The chamber conditions can be manually controlled, or automatically programmed and controlled by a two channel Microstar microprocessor manufactured by Research Inc. A Honeywell AR100 Recorder-Controller can be used to record the changes in humidity and temperature during all phases of the chamber operation.

3. Aerosol.

a. Generation. A sonic nozzle aerosol system was developed for the environmental chamber. Four Sonicore 035 (0.035-in diameter orifice) sonic nozzles, operating at an air pressure of 25 to 90 psig, break the DEHS oil stream into fine particles as it passes through the orifice. A standing shock wave at the nozzle exit increases disintegration of the oil stream over that found in subsonic nozzles. This results in increased generation capacity. Oil and air are fed to the nozzle through two separate inlet tubes and mixed together within the nozzle. The aerosol is mixed with air prior to exiting through the single stage multi-hole impactor which controls the product aerosol size distribution.

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An aerosol concentration of 30-34 mg/m^3 with a mass median aerodynamic diameter (MMAD) of 0.67 + or - 0.03 μm can be produced in the chamber with all four nozzles in operation. The concentration produced by each individual nozzle has also been characterized at several air flows. Any desirable aerosol concentration can be generated by using from one to four nozzles. Small changes in aerosol size can be obtained by adjusting the dilution air to the aerosol ratio passing through the impactor.

Only 20 per cent by mass of the aerosol particles generated by the sonic nozzles are in the desired size range of ≤ 1.0 μm before impaction. The excess oil from the impactor is recycled back to the oil supply reservoir by a pressurized oil recirculation system incorporated into the generator system.

b. Concentration. A nominal challenge aerosol concentration of $15 mg/m^3$ was selected to be used in the fit chamber and the environmental chamber for this study instead of the commonly used $25 mg/m^3$ because of the following considerations. In any fit test program, it is desirable to

minimize exposure to the challenge aerosol, even though the material is nontoxic. In a simple fit test, the person being fit is surrounded by the fit chamber's challenge aerosol for 10 - 20 minutes maximum. However, in this study, each person is inside the fit and environmental chambers for approximately 90 minutes. The reduction of possible exposure to the subjects, justified the lower challenge concentration.

The lower concentration also helped extend the life of the HEPA filters necessary for filtering the aerosol from both the fit chamber and the environmental chamber, reduced possible damage to the environmental chamber instrumentation and sensing elements, and helped extend the life of the environmental chamber's silica gel dryer desiccant. This test concentration also requires a shorter time to stabilize and a cost saving was realized due to the reduction of oil and power requirements.

Aerosol samples were collected gravimetrically and with a cascade impactor during testing to track the aerosol concentration and size (Table I). The statistical data indicated no significant differences for particle size under the test conditions. There was a humidity effect seen for the DEHS aerosol concentrations at the low (0°C) temperatures caused by an abnormally high concentration (27.34 mg/m^3) at 0°C and 85% humidity.

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C. Test Instrumentation

1. Photometers. Two Los Alamos National Laboratory designed light scattering photometers were used to determine the aerosol penetrations

TABLE I

Condition	Concentration Mean mg/m^3	SD	Particle Size (MMAD) Mean μ	SD	Sample Dates
32°C/85% RH	19.6	2.4	0.65	0.10	Feb.-Nov. 1985
0°C/15%	16.1	0.8	0.74	0.07	Jan.-June 1985
32°C/15%	19.6	2.4	0.73	0.04	Jan.-May 1985
0°C/85%	27.3	2.8	0.73	0.03	Feb.-June 1985
21°C/85%	21.3	4.9	0.71	0.002	March-Nov. 1985
21°C/15%	21.4	8.7	0.76	0.04	March-Oct. 1985

into the respirator facepieces. Each photometer was connected by sampling lines to both the DF fit chamber and the environmental chamber. By this design, one photometer was used to determine the FF on the subject in the fit chamber and then the same photometer was used to determine the SWFs for that subject in the environmental chamber.

2. Data Collection Systems. Integrating Recorders were used for data collection in the initial stages of the study. These recorders were calibrated prior to each test.

A computerized data collection system under development by this section for several years had been field tested and proved acceptable on other studies. Comparison and evaluation tests were conducted on data collected by the integrating recorders and the new computer system. These comparison data were evaluated by the Laboratory statisticians and found to be adequate for use in this study. Beginning in November 1985, this system was used for data collection.

3. Subject Monitoring Equipment. An Exersentry heart rate monitor was used as a warning indicator of a change in the subject's physical condition during a test. The high alarm was set on the subject's predicted maximum heart rate determined in the MXT run by the cardiologists.

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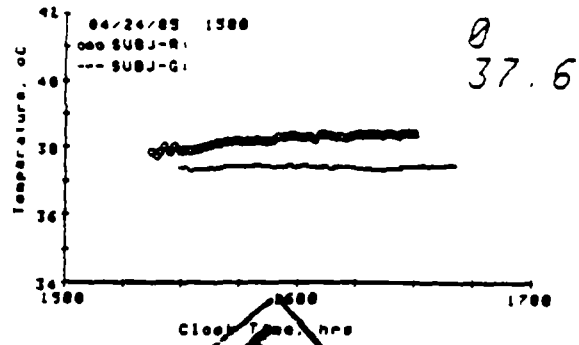
Primary monitoring of the subjects' physical condition during the test was performed by continuously measuring the subjects' core or rectal temperatures using Yellow Springs Instrumentation (YSI), Style 491 Esophageal/Rectal Telethermometer probes. Each subjects' temperature was recorded once each minute by a digital voltmeter (HP-3437A) connected to a Hewlett Packard microcomputer (HP-87). A digital print and graphics display (Figure 2) enabled the test operator to follow core temperature trends throughout the test. Alarms were provided by the computer if the core temperature rose too rapidly (0.5°C/min), exceeded 39°C, or the probe slipped from place.

4. Aerosol Sampling Probe. Each respirator facepiece was fitted with a Liu[2] II design metal probe which was attached by a 15'- 1/8" Tygon™ tube to the Los Alamos photometers. An aerosol sample was drawn through this line to determine the aerosol penetration into the facepiece. The location of the probe was as near the breathing zone of all subjects as possible (see page 10).

DATE 04/24/85 RUN TIME 1500

TIME	SUBJ-R CORE TEMP	SUBJ-G CORE TEMP	AIR TEMP
1527	0.0	0.0	0.0
1530	38.0	37.6	27.3
1535	38.1	37.6	29.9
1540	38.2	37.6	29.9
1546	0.0	0.0	29.6
1550	38.3	37.7	29.8
1555	38.4	37.6	29.9
1600	38.4	37.6	30.1
1606	0.0	0.0	29.8
1610	38.4	37.6	29.4
1615	38.5	37.5	29.1
1620	38.5	37.5	29.9
1626	0.0	0.0	29.4
1630	38.5	37.6	29.1
1634	0.0	0.0	28.9
1640	0.0	37.7	29.4



DATA STORED TO DISK
COMPLETE

Figure 2. Core Temperature Graph

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5. Other. In accordance with a special request by OSHA, determination of pressure differences for the tight-fitting respirators, and supplied air temperatures were made. The MSA Comfo PAPR and Survivair facepieces were fitted with a second probe (located above the aerosol sampling probe) for the determination of in-mask pressure changes during inhalation and exhalation. Validyne DP45 pressure transducers and CD15 demodulators were used to measure the pressure changes with the data recorded on HP 7155B strip chart recorders. The Survivair also had a two terminal integrated circuit (IC) temperature transducer placed at the bottom front of the facepiece to measure the temperature of the supplied air as it entered the mask. The HP-87 system was used to store and print in-mask air temperatures for the Survivair facepieces.

The aerosol sampling line, heart rate monitor line, YSI core temperature cord, in-mask pressure sampling line, and IC temperature cord were taped into a 15 foot cord packet that was color coded and attached to

each subject. When two subjects were tested at the same time, experience and agility were necessary to keep the cord packets from getting fouled during a test.

D. Respirators

1. Series I Respirators. The following respirators were selected by the program monitors of the funding agencies. Comparison data developed by testing the two helmet PAPRs and the half-mask tight fitting PAPR was of great interest. The tight-fitting full facepiece pressure-demand respirator and the continuous flow hood were included in this series to provide high of protection respirators. Series I respirators can be simply classified as devices with a forced airflow.

The respirators used in the Series I testing were:

a. The 3M W344 Airhat™ Powered Air-Purifying Respirator (PAPR), TC-21C-246,

b. The Racal AH3 Airstream PAPR, TC-21C-212,

c. The Mine Safety Appliance (MSA) PAPR with the medium Comfo (Neoprene) half-mask facepiece, TC-21C-186,

d. The Survivair Model 9811-02 (Silicone) Full-Facepiece Pressure-Demand Supplied-Air respirator TC-19C-67/68, and

e. The Bullard 999 Continuous Flow Supplied-Air hood, TC-19C-102.

2. Series II Respirators. All selected by the representatives of the funding agencies were negative-pressure respirators commonly used at many U.S. work sites that are available in multiple sizes.

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The respirators used in the Series II testing were:

a. Three sizes of MSA Comfo II half-mask respirators, TC-21C-135, and

b. Three sizes of MSA Ultra-Twin full-facepiece respirators, TC-21C-155.

All respirators and auxiliary equipment were purchased from New Mexico distributors. Section personnel carefully inspected the equipment to determine that the manufacturer's specifications were met.

Table II provides the location of the Liu design probe II[2] in each facepiece.

Prior to each test, the respirator and its auxiliary equipment were again checked according to manufacturer's instructions:

- The respirators were cleaned and examined for defects,

- The batteries were charged and airflow determinations were performed with manufacturer's equipment if supplied with the device. 3M has a W-3008 Flow Test Plate that is held in place by sucton when the airflow is greater than 6 cfm. Racal has graduated airflow check tube containing a ball that will be blown upward when the airflow is within the correct range of 6cfm or greater. MSA has an airflow kit that was not supplied with the respirator. Airflow measuring equipment available in the Section was used to check the MSA airflow.

The loose fitting helmets and hoods were placed on several individuals with different head and face sizes. The location of each breathing zone was noted. This information was then used to position the aerosol sampling probes at a location as near the breathing zone for all subjects as possible. The tight-fitting facepieces were also probed so aerosol samples could be drawn from the subject's breathing zone.

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TABLE II

FACEPIECE PROBE LOCATION

Respirator		Measurement From Respirator Side (cm)	Measurement From Respirator Bottom (cm)
3M W344		13.0	6.4
MSA Comfo PAPR	Aerosol	2.5 above Yoke Snap	
	Pressure	3.8 above Yoke Snap	
Racal Airstream		11.4	3.2
Survivair Airline	Pressure	10.8	5.2
	Aerosol	10.8	4.4
	Temperature	10.8	0.6
Bullard 999		10.2	3.8
MSA Comfo II	Small	2.5 above Yoke Snap	
	Medium	1.9 above Yoke Snap	
	Large	2.5 above Yoke Snap	
MSA UltraTwin	Small	9.5	2.5
	Medium	9.5	2.5
	Large	9.5	2.5

3. Pre-Set Criteria Fits. Fit criteria were designed to provide better than average test subject fits, so any effects of the study parameters would be documented by the test data.

After receiving the medical clearance, the person was scheduled for either a Series I or Series II fit session. He/she was instructed in the correct method of donning and removal according to manufacturer's instructions received with the respirators. The subject donned one of the respirators fitted with a sampling line, entered the D-F fit chamber and performed the following exercises:

Normal breathing,
Deep breathing,
Head side-to-side,
Head up and down,
Smiling (half-mask respirator) or
Frowning (full-facepiece),
Reading,
and Normal breathing.

Each exercise was performed for 30 seconds. Had stability not been observed during that time, the exercise would have been continued for an additional 1.5 min. for a total of 2 minutes.

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During this session, the test subject also had the opportunity to wear each tight-fitting respirator for 30 minutes to determine whether he or she could comfortably wear the devices for a test period of 1.5-2 h.

a. Series I Pre-Set Criteria. Series I fit respirators were the MSA Comfo II half-mask and the Survivair full-face respirator in the negative-pressure model. The test subject was required to obtain the FF of:

FF $\geq$ 100 for the half-mask and
FF $\geq$ 1000 for the full-facepiece.

b. Series II Pre-Set Criteria. Series II respirator sizes were determined by conducting fit tests with the three sizes of the MSA Comfo and the MSA Ultratwin. The respirator size of best fit was chosen for the study. The Series II test subject was required to obtain a FF of:

FF $\geq$ 1000 for a half-mask respirator and
FF $\geq$ 3000 for the full-facepiece respirator.

If the subject could not obtain these FF numbers with any size of respirator, he/she was NOT used in the study. Two male test subjects that obtained criteria fits for the Series I testing, could not obtain criteria for Series II with the Comfo. Each had a thin nasal bridge that allowed more aerosol penetration than the criteria permitted.

E. Test Conditions

Each test subject wore every respirator in a series of tests at each of the following environmental conditions:

Test Number	Temperature	Humidity(%)
1	32°C (90°F)	85
2	0°C (32°F)	15
3	32°C (90°F)	15
4	0°C (32°F)	85
5	21°C (70°F)	85
6	21°C (70°F)	15

This order of the test conditions was selected by the NRC and Los Alamos statisticians to help alleviate possible acclimatization of the subjects.

F. Test Protocol

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The test was arranged in the following four sections:

Pre-Fit Exercises

Pre-Work Exercises

Simulated Work Exercises

Post Work Exercises

The Pre-Fit, Pre-Work and Post work exercises consisted loose-fitting exercises for Series I respirators and tight-fitting for Series II respirators.

1. Loose Fitting Respirator Exercises.[3]

Exercise	Time (Minutes)
o Standing still, arms hanging downward along sides of body, normal breathing.	0.5
o Bending forward and touching toes.	0.5
o Raising arms above the head and looking upward.	0.5
o Bending knees and squatting.	0.5

o Standing while holding a 76 cm tubular rod with hands approximately 30 cm apart, twisting torso from side to side in an 180° arc, and slowly raising the arms from a downward direction to an upward direction having an angle of 45° with the horizontal plane (sand blasting motion).	0.5
o Running in place.	0.5
o Standing still, arms hanging downward along sides of body, normal breathing.	0.5
TOTAL	3.5

2. Tight Fitting Respirator Exercises.[3]

Exercises	Time (minutes)
Normal breathing, deep breathing, head side-to-side, head up and down, smiling/frowning, reading a prepared text (Rainbow Passage), and normal breathing. Each exercise was performed for 30 s if satisfactory.	
TOTAL	3.5

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3. Simulated Work Exercises. The Simulated Work Exercises performed by all test subjects wearing either Series I or II respirators are given below.

	Time (minutes)
o Step up and back down a two-step ladder at a moderate rate holding to safety rail.	5.0
REST	5.0.
o Move oiled gravel from one bin to the other with a short handled shovel.	10.0
REST	5.0
o Pick up nail and pound with claw hammer into a board located above the head. Look back down for next nail.	10.0
REST	5.0

o Pick up a cinder block from the floor, move it approximately six feet and lay in a typical pattern.	10.0
REST	5.0
o Pound continuously on a 4" x 4" board with 6 lb. sledge hammer.	5.0
TOTAL	60.0

The 5 minute seated rest periods were required by the Los Alamos National Laboratory's Human Studies Committee.

G. Subject Testing

1. Pre-Test Preparation. Two hours before a scheduled test, the microprocessor was programmed to attain the test conditions and stabilize.

All exercise equipment inside the chambers was checked and positioned, for example, installing new nail boards at the correct height for the scheduled subjects. Data recording instrumentation was calibrated or checked including: the photometers and integrating recorders for in-mask penetration determinations and recorders for in-mask pressure changes. The YSI telethermometers were checked, and HP 87 core and air temperature program was initialized for test.

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The respirators to be used that day were cleaned, inspected/checked according to manufacturer's specifications, and other equipment such as belts for supporting the respirator blowers/filters were prepared. The subject's coveralls, t-shirts, heart rate harnesses/sensors, individual core temperature probe boxes, and towels/ washcloths were made ready for the subject. He or she picked up their equipment and proceed to the dressing room. The helmets, ear plugs, gloves, and coats (for cold test) were arranged for the subjects to collect after they returned to the lab area.

Approximately one hour before the test, the aerosol generators for both chambers were turned on and the aerosol concentrations were allowed to stabilize.

2. Testing Procedure. Two subjects were scheduled for sessions which normally lasted about 2 hours. Upon arrival at the test facility, each subject changed out of street clothes, urinated, positioned the core temperature (CT) probe, heart rate monitor, and changed into the following

test clothing: coveralls, t-shirt, heart rate harness with sensors, and safety shoes. We also provided gloves, ear plugs, helmets, safety glasses, and safety toe protectors. The subject had full responsibility for inserting, removing, and cleaning their personal CT probes. Jackets were provided for the cold tests. Respirators and sampling line packets were color coded RED and GREEN to simplify communications to the subjects and visual monitoring of the tests.

After the test operator checked the subject's heart rate monitor and CT probe, the subjects donned the respirators. The Red subject entered the fit chamber, attached the aerosol sampling line to the RED photometer port, and was instructed to perform the PreFit exercises appropriate for the respirator being worn while a respirator FF was determined. After the test, the aerosol sampling line was disconnected and the Red subject exited the fit chamber without disturbing the respirator in any manner. Red and the test monitor entered the environmental chamber. The monitor's duties included attaching sampling lines and observing the subjects during the test. The test monitor attached the RED cord packet to the Red subject. Simultaneously, the Green subject entered the fit chamber and attached the aerosol sampling line to the Green photometer port. After the test operator checked both photometers he instructed Green to perform the correct PreFit exercises while Red performed the PreWork exercises.

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Next Red was directed to start the first work exercise, "steps". At the completion of the Green fit test, that subject exited the fit chamber and entered the environmental chamber. The test monitor attached the Green cord packet to the subject. At the end of the "steps" exercise, Red was directed to rest (in one of the seats provided), and Green instructed to perform the PreWork exercises. From this point, the subjects performed the Work exercises, rests, and PostWork exercises with the Green subject 5-minutes behind Red. Test duration was approximately 90 minutes from the time Red entered the fit chamber until Green exited the environmental chamber. Each subject was in the environmental chamber approximately 70 minutes.

After the PostWork exercises, all monitoring lines were detached from Red and he/she exited the environmental chamber. This subject removed the respirator and work equipment, went to the change room to shower and change into street clothing. Red then returned to the chamber area to

complete a debriefing form. When Green finished the test, he/she exited the chamber, following the same procedure as the Red subject above. This completed a test.

At least one person of the same sex as the test subjects was available for assistance in case of an emergency.

V. TESTING RESULTS

A. Statistical Analysis

The study statistical design was approved by a member of the Laboratory's statistical group and a NRC statistician during the study planning stage. The data resulting from this study was analyzed for changes in the face-to-facepiece fit due to temperature and humidity. Data from 372 Series I and Series II tests were utilized for this study.

Statistical analyses were conducted on complete data sets (Table III) using Statistical Analysis System by SAS Institute Inc., Cary, NC. A complete set is defined as test results derived from one respirator worn by one test subject in all six environmental conditions. Ten full sets of data were collected on all of the respirators tested with the exception of the Bullard continuous flow hood. Preliminary tests on this device nominally gave FF $\geq$ 20,000. The OSHA program monitor agreed to conduct minimal testing, therefore, data was collected on two subjects, one male and one female.

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TABLE III

STUDY DATA SETS

Brand	Sets	Male	Female	Tests
Series I				
3M W344	10	8	2	60
Racal	10	8	2	60
MSA-PAPR	10	8	2	60
Survivair	10	8	2	60
Bullard	2	1	1	12
			Total	252
Series II				
MSA-Comfo	10	7	3	60
MSA-Ultratwin	10	7	3	60
			Total	120

1. Series I Respirators. Table IV presents the geometric mean Fit Factors (FF) derived from the PreFit Exercise Group, and the Simulated Work Factors (SWF) derived from PreWork, Work, and PostWork Exercise Groups.

Examining the data at all conditions for the 3M W344 helmet, we see the following ranges:

PreFit	12400 - 18800
PreWork	7100 - 18200
Work	1900 - 5600
PostWork	4500 - 11800

The protection indicated by the 3M Work factor is considerably lower than the protection indicated by the PreFit factor.

Examining the same data for the Racal AH3 helmet.

PreFit	4400 - 8600
PreWork	1900 - 8700
Work	1200 - 3500
PostWork	[illegible] - 3500

Again we see a degradation in protection between PreFit and Work. One also notices the decrease in overall protection exhibited by this helmet when compared with the 3M W344. We believe this is caused by the instability of the Racal helmet on the subject's head.

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The MSA Comfo PAPR data provides these ranges:

PreFit	18400 - 20000
PreWork	18200 - 20000
Work	14200 - 20000
PostWork	12700 - 18900

Not apparent is a minor degradation between the Prefit and Work for the low (0°C) temperatures for this device.

The MSA tight fitting facepiece PAPR data also indicates greater user protection than provided by either helmet PAPRs. A question to be considered, "Should the helmet and loose fitting PAPRs and tight-fitting PAPRs be classified together, or should there be separate classes?" We feel that they should be classed separately.

The full-face continuous-flow Survivair data ranges are as follows:

PreFit	13300 - 20000
PreWork	13600 - 20000
Work	8500 - 20000
PostWork	7900 - 20000

TABLE IV

SERIES I RESPIRATORS

GEOMETRIC MEAN FIT FACTORS and SIMULATED WORK FACTORS (x 1000)

Brand	T°C	RH%	Prefit FF	SWF Prework FF	SWF Sim. Work	SWF Postwork FF
3M W344 PAPR	0	15	14.3	7.1	5.6	8.3
	0	85	18.1	14.1	4.3	11.8
	21	15	12.4	14.3	3.4	11.5
	21	85	17.1	13.2	3.3	7.9
	32	15	18.8	18.2	4.3	8.6
	32	85	13.9	11.0	1.9	4.5
Racal AH3 PAPR	0	15	8.6	8.7	2.4	1.9
	0	85	7.1	6.2	3.5	3.5
	21	15	6.6	4.9	2.4	2.5
	21	85	8.2	3.6	2.4	1.7
	32	15	5.2	2.4	2.0	2.3
	32	85	4.4	1.9	1.2	0.9
MSA-Comfo PAPR	0	15	20.00	17.1	14.2	13.8
	0	85	18.4	18.7	15.3	12.7
	21	15	19.3	20.0	20.0	13.2
	21	85	20.0	18.2	19.0	14.6
	32	15	19.8	20.0	20.0	18.9
	32	85	19.7	19.8	19.1	17.4
Survivair FF-PD Supplied Air	0	15	20.0	20.0	19.7	18.9
	0	85	20.0	20.0	19.1	13.6
	21	15	19.6	19.8	15.8	19.4
	21	85	17.7	19.9	20.0	20.0
	32	15	13.3	13.6	12.4	12.8
	32	85	19.8	19.8	8.5	7.9
Bullard 999-Type C CF Supplied Air	0	15	20.0	20.0	20.0	20.0
	0	85	19.5	20.0	16.3	20.0
	21	15	20.0	20.0	13.7	20.0
	21	85	18.7	20.0	15.8	20.0
	32	15	20.0	20.0	7.5	20.0
	32	85	20.0	20.0	19.1	20.0

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The degradation between PreFit and Work for the Survivair is only evident for two conditions, 21°C/ 15% and 32°C/ 85%. One male test subject received good protection at the low (0°C) and ambient (21°C) temperature conditions, however when he wore the Survivair respirator in one of the high (32°C) temperature conditions, his protection dropped. We could not determined the cause/s.

The ranges for the two subjects wearing the Bullard 999 hood are:

PreFit	18700 - 20000
PreWork	20000 - 20000
Work	7500 - 20000
PostWork	20000 - 20000

There is a drop between Prefit and Work. The increase in leakage caused by the billowing cape worn by the female subject during the performance of the Nails work exercise contributed to the low Work factor.

To statistically test the differences between exercise groups for the Series I respirators, we determined p-values $\leq .05$ (Table V). The smaller the p-value, the more certain one is that a difference exists between two exercise groups. We see significant differences for the 3M W344 PAPR in PreFit, PreWork, and PostWork each versus Work. For the Racal AH3 exercise groups, we see a significant difference for PreFit versus PostWork. We saw no significant differences for the MSA-PAPR because the low levels of penetration for this device. The reportable level of detection of our photometer has been chosen to be 20,000. Significant differences were only seen for the Survivair at the 0°C and 85% RH condition. The Bullard data showed no significant differences because there were only two points (two test subjects).

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The variability of the 3M and Racal data was determined from the mean square errors which are given in Table VI. The wide variability of the Racal data may well be the reason there were fewer statistical differences between the various Racal exercise groups.

This data indicates that the loose fitting exercises recommended by ANSI Z88.2 1980 and used in the Series I testing <u>do not</u> adequately simulate work exercises. The measured fit factor should be able to predict the protection that a respirator wearer can obtain in the work place. The data just presented gives lower work factors. This indicates

TABLE V

SERIES I RESPIRATORS
P-VALUES FOR TESTING DIFFERENCES BETWEEN EXERCISE GROUPS

BRAND	T°C	RH	PFit vs PreWk	PFit vs Work	PFit vs PoWk	PreWk vs Work	PreWk vs PoWk	PoWk vs Work
3M	0	15	.01	.03	.04	X	X	X
	0	85	X	.002	.03	.002	X	.02
	21	15	X	.001	X	.0003	X	.0001
	21	85	.02	.0001	.02	.0002	X	.01
	32	15	X	.004	X	.004	X	X
	32	85	X	.0002	.02	.0001	.02	.03
Racal	0	15	X	X	.02	.004	.004	X
	0	85	X	X	.005	X	.02	X
	21	15	X	X	.03	.02	X	X
	21	85	.04	.03	.004	X	.02	X
	32	15	X	.009	X	X	X	X
	32	85	X	.02	.004	X	X	X
Survivair	0	15	X	X	X	X	X	X
	0	85	X	X	.02	X	.02	.02
	21	15	X	X	X	X	X	X
	21	85	X	X	X	X	X	X
	32	15	X	X	X	X	X	X
	32	85	X	X	X	X	X	X

MSA-PAPR No Significant Differences
BULLARD No Significant Differences
X represents nonsignificant P-Values.

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TABLE VI
MEAN SQUARE ERRORS for 3M and RACAL

	3M W344	Racal
PreFit	.05	.11
PreWork	.06	.24
Work	.11	.25
PostWork	.11	.21

that the test for the face-to-facepiece fit is not predicting the work factor. The test exercises must be more dynamic and longer to more adequately simulate work activities.

Each individual Series I respirator brand was then tested for statistical effects of brand, temperature, humidity, test subject, and combinations of these parameters for each exercise group. These p-values are listed in Table VII. We see the expected differences caused by the test subjects. There were some temperature effects on individual brands, for example, during Racal-PreWork, MSA-Work, Survivair-Work and PostWork. There were temperature and humidity effects seen for the 3M-PreWork.

However, when the data for all brands were combined, no significant effects of temperature and humidity were seen. In other words, as a group, respirators with FORCED AIRFLOW are not effected by temperature and humidity.

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TABLE VII

P-VALUES FOR INDIVIDUAL SERIES I RESPIRATORS

Brand	Variable	Temperature	Humidity	Temperature-Humidity	Subject
3M	PreFit	X	X	X	X
	PreWork	X	X	.006	X
	Work	X	X	X	.0010
	PostWork	X	X	X	.0003
Racal	PreFit	X	X	X	.0001
	PreWork	.0035	X	X	.0036
	Work	X	X	X	.0051
	PostWork	X	X	X	.0001
MSA-PAPR	PreFit	X	X	X	X
	PreWork	X	X	X	X
	Work	.02	X	X	X
	PostWork	X	X	X	.008
Bullard	PreFit	X	X	X	X
	PreWork	N/A	N/A	N/A	N/A
	Work	X	X	X	X
	PostWork	N/A	N/A	N/A	N/A
Survivair	PreFit	X	X	X	X
	PreWork	X	X	X	X
	Work	.04	X	X	X
	PostWork	.04	X	X	X

X = Nonsignificant P-Values

2. Series II Respirators. Table VIII presents the geometric mean Fit Factors (FF) derived for Series II respirators from the PreFit Exercise Group, and the Simulated Work Factors (SWF) derived from PreWork, Work, and PostWork Exercise Groups.

The ranges for the MSA Comfo are as follows:

PreFit	1300 - 4800
PreWork	1500 - 8400
Work	800 - 5700
PostWork	600 - 2500

This half-mask negative-pressure respirator provides much lower protection than the Series I respirators.

TABLE VIII

SERIES II RESPIRATORS

GEOMETRIC MEAN FIT FACTORS AND SIMULATED WORK FACTORS (x 1000)

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				SWF		
			Prefit	Prework	Simulated	Postwork
Brand	T°C	RH%	FF	FF	Work	FF
MSA Comfo	0	15	1.3	1.5	1.6	1.3
	0	85	4.8	8.4	5.7	2.5
	21	15	1.4	3.2	2.9	0.9
	21	85	2.8	2.1	1.5	0.5
	32	15	2.6	3.2	2.0	1.5
	32	85	1.6	1.5	0.8	0.6
MSA Ultra Twin	0	15	8.1	5.6	5.3	3.1
	0	85	7.2	5.2	1.0	1.5
	21	15	4.1	3.7	5.0	5.8
	21	85	2.9	4.2	2.6	5.3
	32	15	3.6	3.7	3.5	4.4
	32	85	6.5	4.9	2.6	2.6

The MSA Ultratwin ranges are below.

PreFit	2900 - 8100
PreWork	3700 - 5600
Work	1000 - 5300
PostWork	1500 - 5800

The Ultratwin data gives the expected higher protection than the Comfo. We see a smaller degradation of protection from PreFit Work.

P-values for statistically testing the differences between exercise groups for the individual Series II respirators, are given (Table IX). The only significant differences seen for the MSA Comfo are for PreFit verses PreWork at 21°C/ 15% and PreFit verses PostWork at 21°C/ 85%.

There are more significant differences for the MSA Ultratwin exercise groups. At 0°C/ 85% there are differences between PreFit and PreWork verses Work; also PreFit and PreWork verses PostWork. During 32°C/ 85% differences are seen between Prefit verses Work and PostWork.

By the data presented in Tables IX and X, we do not feel that the fitting exercises recommended in ANSI Z88.2 1980 for tight-fitting respirators adequately simulate work exercises.

Each individual Series II respirator facepiece type was then tested for statistical effects of temperature, humidity, temperature and humidity, and test subject for each exercise group. These p-values are listed in Table X. We see the expected differences caused by the test subjects for both respirator types. A humidity effect is indicated for the Ultratwin during work.

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B. Observations and Equipment Problems

The following section relates to observations made by the personnel conducting the tests and the test subject. The subjects' comments were recorded on the debriefing forms.

1. 3M W344 Powered Air Purifying Respirator (TC-21C-246). Upon exiting from environmental tests, two subjects broke the plastic hinge that attaches the face shield to the helmet while attempting to position the face shield upward into the locking mechanism. The break occurred at the flex line of the hinge. We do not believe that the breaks were caused by temperature effects on the plastic because one test had been run at 21°C/15% RH and the second at 0°C/15% RH. When the 3M company was

TABLE IX

SERIES II
P-VALUES FOR TESTING DIFFERENCES BETWEEN EXERCISE GROUPS

BRAND	T°C	RH	PFit vs PreWk	PFit vs Work	PFit vs PoWk	PreWk vs Work	PreWk vs PoWk	PoWk vs Work
MSA-COMFO	0	15	X	X	X	X	X	X
	0	85	X	X	X	X	X	X
	21	15	.04	X	X	X	X	X
	21	85	X	X	.0066	X	X	X
	32	15	X	X	X	X	X	X
	32	85	X	X	X	X	X	X
MSA-ULTRA TWIN	0	15	X	X	.03	X	X	X
	0	85	X	.0087	.02	.03	.03	X
	21	15	X	X	X	X	X	.0017
	21	85	X	X	X	X	X	X
	32	15	X	X	X	X	X	X
	32	85	X	.03	.01	X	X	X

X represents nonsignificant p-values.

TABLE

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P-VALUES FOR INDIVIDUAL SERIES II RESPIRATORS

	PreFit	PreWork	Work	PostWork
MSA Comfo				
Temperature	X	X	X	X
Humidity	X	X	X	X
Temperature - Humidity	X	X	X	X
Subject	.002*	.0003*	.02*	X
MSA Ultratwin				
Temperature	X	X	X	X
Humidity	X	X	.02*	X
Temperature - Humidity	X	X	X	X
Subject	.005*	.01*	.0001*	.008*

X = Non-Significant P-Values

contacted, they indicated the hinge material had just been changed because of similar problems. At the suggestion of the company representative, a hinge from an older W344 was used as a temporary new parts until replacements were received. We are unable to say whether the new hinges are more reliable because the test subjects did not attempt to lock the face shield during the remaining tests.

During the hot tests, some subjects said that sweat accumulated against the black plastic face seal and would run into and sting their eyes when they were bending over performing the work exercises such as moving the cinder blocks.

Most subjects mentioned neck fatigue caused by the weight of the blower motor mounted in the back of the helmet. The subjects also said that the chin strap would ride under the black face seal and felt looser after a test than when the device was initially donned. They thought that the elastic stretched after being soaked with sweat.

2. The Mine Safety Appliance (MSA) Powered Air-Purifying Respirator with the Medium Comfo Half-Mask Facepiece (TC-21C-186). When the three MSA PAPRs were received, the batteries were charged according to manufacturer's instructions. One battery would not produce the 4cfm air flow specified by the manufacturer. It was discharged and recharged, but still would not produce 4cfm. A replacement battery was obtained which did produced the required flow when charged.

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Some test subjects found the MSA half-mask to be uncomfortable across the bridge of the nose. During the seated rest, the red switch on the belt mounted blower/filter pack was inadvertently shut off by several subjects. When there is no airflow, the protection is reduced to the amount provided by a negative-pressure device.

3. Racal AH3 Airstream Powered Air-Purifying Respirator (TC-21C-212). Three Racal AH3 units were purchased. After 4 tests were conducted and compared, it was observed that units 1 and 3 provided much lower FFs than unit 2. The FF and SWF were <1000 for 1 and 3. The FF and SWF were >5000 for unit 2. Leaks were located at the point where the wires enter the battery compartment. Silastic™ was added to these areas and the problem was cured for unit 1. The problem with Unit 3 was never determined, so the Racal testing was completed using units 1 and 2.

The Racal helmet was fitted with the Tyvek™ face seal. The subjects were instructed in the proper method of adjusting their head band and assisted when necessary. As the subjects performed work exercises such as shoveling gravel and moving the cinder blocks, or pounding vigorously with the sledge hammer, the helmet was observed to bounce as much as 1 inch on some subjects' heads.

Frequently the resting subjects would lean back and crush the Racal air supply hose, cutting off the filtered air. The subjects also inadvertently shut the blower off with a brush of their hand or jacket. The Racal helmet provides very little protection without an operating blower.

4. The Survivair Full-Facepiece Pressure Demand Supplied-Air Respirator (TC-19C-67/68). This respirator provides very good protection. However, careful maintenance and inspection procedures are important. For example, during a pre-test inspection, an exhalation valve was found to be stuck open. As part of the special OSHA request, the IC temperature transducer, placed in the facepiece behind the clear plastic air deflection shield, was used to measure the temperature of incoming air to the facepiece. The 25' air hose used in the Survivair tests was attached to a chamber manifold and breathing air was supplied from the air trailer adjacent to the building. Table XI gives the temperature observed.

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TABLE XI

SURVIVAIR SUPPLIED AIR TEMPERATURES

Chamber Conditions T°C	RH%	Supply Air Temperature °C	Average Temp. °C
32	85	32.8 - 37.7	35.3
32	15	31.8 - 35.6	34.0
21	85	27.0 - 30.5	28.9
21	15	25.3 - 29.9	27.0
0	85	12.1 - 17.5	15.1
0	15	14.8 - 17.4	16.4

5. Bullard 999 Continuous-Flow Air-Supplied Hood (TC-19C-102). Two Bullard hoods and air hoses were purchased. When preliminary tests were run with this hood, it was observed that the SWF remained at ≈20,000 even if a subject reached into the hood to remove hair from the eyes. This observation was discussed with the OSHA monitor and he decided that testing the hood on the entire panel was not cost effective. Los Alamos then decided to test two subjects (1 female and 1 male) at all conditions for a total of 12 tests using the Bullard hood.

SWF of 20,000 were recorded for all tests on the male subject. A test 'abort' penetration (2% leak for 2 min) was observed during a test and the female subject was removed from the chamber. The subject had dislodged the plastic facepiece from its square rubber grommet during the test. When the facepiece was repositioned, the hood provided good protection during the retest.

An aerosol mixing fan is located to a subject's left as he or she is pounding nails. During some of the Bullard tests, as the female subject reached up to position and pound the nails, the mixing fan billowed her cape and aerosol entered her hood through the neck band. This cape has a webbed belt on each side that is drawn through a D-ring and tightened. The belts secured the cape on the male adequately, so the hood did not blow around; however, there was no method to compensate for the smaller wearer in securing the cape.

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6. In-Mask Pressure Measurements. In-mask pressure differentials were measured for the MSA Comfo PAPR and the Survivair fullface pressure-demand airline respirators in response to a special OSHA request. Complete data sets were collected on four subjects (two males and two females). The subjects' inhalation and exhalation pressure changes were measured with Validyne pressure transducers and recorded on HP strip chart recorders. Table XII presents the subject's minimum and maximum pressure measurements determined at each condition for the combined Work exercise set.

The highest pressure recorded for the MSA-Comfo PAPR was +1.4 inches H_2O on subject No. 1 (largest subject) performing the Blocks work exercise during the 0°C/ 85% condition. The lowest pressure recorded was -0.1 inches H_2O also seen on this subject performing Blocks during 21°C/ 85% condition.

TABLE XII
AVERAGE PRESSURE MEASUREMENTS FOR WORK EXERCISE SET

MSA COMFO PAPR

Test Subject		32/85	0/15	32/15	0/85	21/15	21/85
No. 1							
	Minimum	0.16	0.08	0.12	0.14	0.06	0.07
	Maximum	0.70	0.71	0.64	0.86	0.68	0.76
No. 2							
	Minimum	0.29	0.25	0.24	0.32	0.27	0.19
	Maximum	0.64	0.52	0.60	0.65	0.65	0.56
No. 15							
	Minimum	0.18	0.25	0.25	0.36	0.23	0.23
	Maximum	0.54	0.65	0.59	0.74	0.61	0.62
No. 18							
	Minimum	0.20	0.15	0.17	0.12	0.16	0.21
	Maximum	0.65	0.61	0.66	0.59	0.62	0.74

SURVIVAIR FF/PD AIRLINE

Test Subject		32/85	0/15	32/15	0/85	21/15	21/85
No. 1							
	Minimum	0.51	0.13	0.05	-0.30	-0.48	-0.40
	Maximum	2.55	2.63	2.80	2.78	2.76	2.75
No. 2							
	Minimum	-0.06	0.33	0.49	-0.12	0.21	0.26
	Maximum	2.63	2.3[illegible]	2.55	2.56	2.62	2.54
No. 15							
	Minimum	0.51	0.19	0.48	0.32	0.33	0.43
	Maximum	2.23	2.25	2.12	2.22	2.56	2.40
No. 18							
	Minimum	0.28	0.11	-0.31	-0.25	0.24	-0.35
	Maximum	2.50	2.57	2.69	2.57	2.49	2.63

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The narrow differential between the inhalation/ exhalation pressures indicate the ease of breathing for the MSA-Comfo PAPR.

The highest pressure recorded for the Survivair airline respirator was +3.0 inches H_2O on subject No. 1 performing the Steps work exercise during the 0°C/ 85% condition. The lowest pressure recorded was -0.8, again on subject No. 1 performing Steps during the 21°C/ 85% condition.

The data also indicated that the two Survivair facepieces used in the study had different positive pressures; the overall average pressure for Unit 1 was 1.25 inches H_2O and 1.38 inches H_2O for Unit 2. The wider inhalation/ exhalation band width for this respirator indicates more breathing difficulty than for the MSA Comfo PAPR.

This data indicates that pressure-demand facepieces cause the wearer to breath harder than negative-pressure facepieces. It is normally easier for the wearer of a pressure-demand respirator to inhale, but exhaling or against the additional pressure is more difficult.

7. MSA Comfo II. Most of the test subjects commented that the stress this respirator places on the bridge of their noses was very uncomfortable. They also said that the half-mask facepiece seemed to slip and moved on their faces when they perspired.

8. MSA Ultratwin. This facepiece was reported to cause uncomfortable pressure across the subjects forehead. The subjects all remarked about the large amount of moisture that accumulated in the facepiece from perspiration and exhaled moisture.

There was enough moisture buildup in the mask to be drawn through the in-mask aerosol sampling lines into the light-scattering photometers. Water-traps were placed in the sampling lines and found unacceptable. The traps were removed and 1 liter/min clean air was blown through the sampling lines while the subjects were at rest between the work exercises. This small amount of air corrected the moisture buildup problem and did not affect the subject's response to the test environment.

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VI. CONCLUSIONS

1. Respirators users are more comfortable using continuous-flow respirators in very hot humid conditions than tight-fitting pressure-demand devices such as the Survivair.

2. Humidity does not affect respirators that have a FORCED airflow such as the PAPRs and positive-pressure devices. There was slight temperature effects for the tight-fitting devices tested during work.

3. There were differences between PreFit Factors and Simulated Work Factors for helmet PAPRs.

4. Humidity appears to adversely affect fullface negative-pressure respirators.

5. Fit factors developed with the exercises presently recommended in ANSI Z88.2 1980 for loose-fitting respirators and used for Series I tests, do not represent adequately simulated work factors. More dynamic exercises should be used to better duplicate work situations, especially those motions where the individual bends over, stands up, and bends over repeatedly.
   More data is required to show similar differences for the negative pressure respirators.

6. Our data appears to indicate that tight-fitting PAPRs give higher protection than helmets or loose fitting PAPRs. PAPRs should be divided into two classes; those with tight-fitting facepieces and those with helmets or loose-fitting facepieces. This classification change is being considered by the present ANSI Z88.2 Committee.

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VII. RECOMMENDATIONS

1. It must be recognized that the stringent criteria for test subject selection has greatly influenced the higher than normal fit factors and simulated work factors seen in this study.

   Edwin C. Hyatt, a Los Alamos consultant recommends that one should always be conservative when using fit factors and use 0.1 the measured fit factor when predicting respirator use in the work place. If the measured fit factor is 20,000, then the predicted work factor should only be 2000 (20,000 x 0.1 = 2000).

2. The study data seems to suggest that the negative-pressure full-facepiece respirator should be assigned a protection factor of >50 presently recommended in 10 CFR Part 20 for NRC. However, more data must be collected to substantiate this change.

3. The Racal chin strap offered as an auxiliary piece of equipment should be an integral part of the respirator to improve the performance of the device. We understand that Racal has already acted on this suggestion, and is now selling their device with the chin strap as standard equipment.

4. The MSA-PAPR and Racal power switches should have a guard installed to protect against the unit being inadvertently switched off.

5. The Bullard Company and other companies selling this type of hood should provide some mechanism such as overlapping velcro straps or instructions for small wearers to securely tape the cape while working in high wind areas.

6. Additional investigations should be conducted to determine whether PAPRs should be classified into (1) loose-fitting devices and (2) tight-fitting devices.

7. A more extensive study should be conducted with a larger number of negative-pressure respirators.

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8. The Field Study originally proposed for the third phase of this study, should be conducted to better understanding of the relationship between laboratory developed fit factors and actual work use factors.

9. Workers using negative-pressure respirators while working in high temperature and humidity environments, should be carefully monitored for heat stress symptoms. Precautions such as high fluid intake and frequent breaks should be utilized.

10. Studies of simulated work conditions can be used to determine the effects of field variables that are found in real work conditions. This information better prepares the field surveyor to obtain realistic data from well planned and executed field studies.

Notes : Diligent quality assurance control of all respiratory protective devices must be emphasized by all respirator manufacturers. Many user companies do not conduct quantitative fit testing. A defective respirator could be hazardous to a unsuspecting worker.

Careful cleaning, maintenance, and inspection in conjunction with good employee training will help correct many problems and provide reliable use of respiratory protective devices.

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Powered Air-Purifying Respirator Study Final Report

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and J. E. Kramer

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Lawrence Livermore National Laboratory

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Powered Air-Purifying Respirator Study Final Report

Abstract

Three brands of powered air-purifying respirators were subjected to a simulated-work-place study. They were worn by six human subjects while working at 80% of their cardiac reserve on a treadmill. The air flow into the respirator was controlled to match that of a respirator with a newly charged battery and with various stages of battery discharge and filter plugging. The simulation took place in a large quantitative fit test chamber containing PEG 400 aerosol. The penetration of aerosol into the breathing zone of the respirator, the pressure in it, and the air flow were monitored while the subject was warming up as well as during the 80% tests. The exercises recommended in ANSI Z88.2 for helmets were also used after the 80% tests were completed. The subjects were tested clean shaven, with three days' growth of stubble, and with a two-month beard growth. A striking result was that the aerosol penetration into the two-helmet respirators increased dramatically as the subjects work rate increased. On the other hand, penetration into the half mask did not change with work rate. The penetration increased as the air flow was decreased in all cases for the helmets and for beard and stubble cases for the half mask. However, for the tight-fitting half mask on a clean-shaven face, the average penetration stayed below 0.001 for all flows.

Introduction

Powered Air-Purifying Respirators (PAPRs) are used at LLNL and other DOE facilities as well as throughout industry. They are a relatively new form of respiratory protection, and their capabilities are not well understood. The protection that they provide has been questioned by field studies at National Institute for Occupational Safety and Health (NIOSH) and the Du Pont Company. It has also been suggested that workers with beards may get the same protection from these devices as do clean-shaven workers since the devices employ positive pressure and some have loose fitting facepieces.

The name, **Powered Air-Purifying Respirator** accurately describes the device. It consists of a **power** source for moving the air that is to be breathed and is carried by the wearer. It is usually a battery powered blower. The **air** is **purified** by being blown through a filter and then into a **respirator** face covering. The face covering can be tight fitting like a full facepiece and a half mask, or it can be loose fitting like a helmet and hood. The NIOSH certification requires an air flow rate of at least 115 lpm for the tight-fitting facepieces and at least 170 lpm for the loose-fitting face coverings. The respiratory protection that the device can provide is accomplished mainly by the tightness of the seal to the wearer and by the air flow rate. The devices do not maintain a positive pressure inside the face coverings at all times.

The purpose of this study is to determine the effect of facial hair growth on the seal of the inlet covering, and the effect of air flow on the performance of PAPRs equipped with high-efficiency particulate filters.

Equipment Used

Half-Mask PAPR

Mine Safety Appliances Company catalog number 463354, PAPR with Medium Comfo Facepiece; complete with two HEPA filters, belt, and battery charger. A small and a large Comfo Facepiece were also available as needed.

Helmet-Type PAPR

3M Company catalog number W-344 Airhat Brand High Efficiency System complete with Airhat Brand High Efficiency Helmet, high-efficiency filter, flow test plate, battery pack, waist belt, and battery charger. The standard rubber face seal part W-2934 and chin strap W-2913 were used.

Racal Airstream, Inc. Breathe-Easy 1 with type P3 high-efficiency filters, helmet assembly, breathing tube, Turbo unit, battery pack, and battery charger. A chin strap and a new Tyvec face seal were used.

Measuring Instruments

Phoenix Precision Instruments forward light scattering photometer, Model JM 7000.

Validyne Engineering Corp. differential pressure transducer, Model P24.

Kurz Instruments Inc. flow meter; probe for Model 505 in specially designed tube.

As a data collection system, **Digital Equipment Corp.** LSI-11/23 computer with the RSX-11M operating system.

Quinton Instrument Co. treadmill, Model Q55 with controller.

Methodology

Work Rate Control

The subject's work rate was controlled by use of the treadmill. Data were taken continuously as the subject warmed up by walking on the treadmill at 3.3 mph as it was stepped to increasingly steeper grades. It took about 10 min for the subject to reach 80% of his maximum work rate, i.e., for his heart rate to reach 80% of his cardiac reserve.

Air Flow Rate Control

The air flow rate to the PAPR was controlled by replacing the battery pack with a dc power supply. During the warmup period, the flow was controlled at the level that could be produced by a slightly used battery. Once at the 80% work rate, the flow was varied from that of a freshly charged battery to below the minimum flow required by NIOSH. Table 1 shows the flows used and their order as well as the associated voltage for each of the units.

ANSI Exercises

The exercises suggested in ANSI Z88.2-1980 section A6.1 for testing a respirator equipped with a helmet, hood, or suit were used after the subject cooled down for from 4 to 6 min from the end of the 80% work rate tests described above. The order of the exercises was:

1. Bending knees and squatting.
2. Running in place.

Table 1. Air flow rates used for each PAPR.

PAPR	Flow (lpm)	Flow (cfm)	Voltage (V)
MSA	170	6	5.2
	198	7	6.2
	142	5	4.2
	114	4	3.5
	86	3	2.7
	170	6	5.2
3M	255	9	4.3
	283	10	4.7
	198	7	3.6
	170	6	3.2
	114	4	2.5
	255	9	4.3
RACAL	202	7.1	4.5
	226	8	5.0
	170	6	3.8
	142	5	3.2
	114[a]	4[a]	4.7[a]
	202	7.1	4.5

[a] Two filters are also closed off to get this flow since the unit does not run well at lower voltages.

3. Bending forward and touching toes.

4. Raising arms above head and looking upward.

5. While holding a rod about 76 cm long, twist torso from side to side and slowly raise the arms till pointing upward 45°.

6. Normal breathing while standing.

This order is different from that in the standard since we wanted to do the most active exercises first while the subject's breathing and heart rates were still elevated.

Facial Hair Conditions

Three conditions of facial hair were tested: clean shaven, 3 days growth of stubble, and a full beard of 2 to 3 months growth. All of the above described flows and exercises were used at each facial hair condition.

Measurements

Measurements of aerosol penetration and pressure inside the face coverings were taken on each test. Inlet air flow rate was measured for the MSA half mask and the Racal helmet. Flows could not be measured on the 3M Airhat during exercise without major modifications. The opening to the sampling tube inside the helmet faceshield was located about 1/2 in. from the subject's upper lip. On the half mask it was located flush with the rubber and just above the metal frame. This puts it near the upper lip of most subjects.

The length of each of the three exercise regimens was different. During the warmup period, the grade was increased every 2 min until the subject's heart rate was approaching 80%. Although the instruments sample continuously, their outputs were only sampled by the computer every 250 ms. The data taken at each grade were stored separately. After the subject was at 80%, the flow rate was changed every 2.5 min. The sampling for each 2.5-min period was divided into 30 s of waiting for the changed flow to have its effect, 1.5 min of sampling output every 250 ms, and 30 s of sampling every 16 ms, which is the fastest possible sampling cycle time for our computer and operating system. The 250-ms cycle time is good for obtaining the average value over the experimental period, and the 16-ms cycle is needed to get good definition of pressure and flow changes. Each ANSI exercise was performed for 2 min with a break of approximately 30 s between exercises. The data sampling rate was 250 ms. The faster rate was not needed since no pressure or flow data were taken during the ANSI exercises.

Results

To analyze the test results we took various averages of the data. First the penetration was calculated for each data point and the average penetration calculated for each exercise interval. The flow was also averaged for the same intervals. These interval averages for each subject were then averaged over all of the subjects that had data in that interval. Since penetration follows a lognormal distribution, the geometric means and geometric standard deviations were calculated. A normal distribution was assumed for the flow data, which did not vary greatly. These results for the average subject are presented in Tables 2, 3 and 4. All further calculations and plots (except for the raw data plots) are derived from these tables.

Effect of Varying the Work Rate

At greater work rates, the subject breathes deeper and faster, creating the possibility that he may overbreathe the PAPR. To show this effect, we plotted the penetration, expressed as a fraction, against the grade of the treadmill. This is shown in Figs. 1, 2, and 3 for the three PAPRs. Subparts (a), (b), and (c) of each figure show the three different facial hair conditions. The geometric standard deviation, SD_g, is shown for each value by a vertical line terminated by hour glass characters. The SD_g varies considerably since the number of subjects included in the average varies from one to six depending on how many actually used that particular grade. Some subjects skipped grades, and not many went to 20%. A guide to the typical physiological response of a subject walking at 3.3 mph and the various grades is given in Table 5. Walking at the 10% grade would be considered "somewhat hard" by most people.

Table 2. MSA half-mask PAPR data summary for average subject.

	Clean shaven					Three days of stubble					Full beard				
	Penetration		Flow (lpm)			Penetration		Flow (lpm)			Penetration		Flow, (lpm)		
	$Mean_g$	SD_g	Mean	SD	N	$Mean_g$	SD_g	Mean	SD	N	$Mean_g$	SD_g	Mean	SD	N
Warmup with increasing slope															
Grade %															
2.5	0.318E-3	4.34	167	11.6	6	0.11E-2	2.27	163	4.1	4	0.590E-4	4.52	158	4.4	5
5	0.126E-3	3.66	170	16.3	3	0.585E-3	1.50	165	1.4	2	0.335E-4	5.64	158	4.4	5
7.5	0.298E-3	4.61	168	12.4	5	0.798E-3	1.91	163	3.5	4	0.575E-4	6.33	158	4.3	5
10	0.277E-3	5.52	162	5.3	3	0.574E-3	1.76	163	3.5	3	0.220E-3	7.13	158	4.3	5
12.5	0.457E-3	3.25	170	12.5	4	0.576E-3	1.90	164	2.4	4	0.234E-3	23.5	158	4.9	5
15	0.109E-2	1.15	162	1.0	2	0.864E-3	1.89	162	1.5	3	0.340E-4	0	155	0	1
17.5	0.322E-3	7.18	174	17.0	2	0.169E-2	1.18	162	1.4	2	0.160E-4	0	156	0	1
20	0.95E-4	0	185	0	1	0.150E-2	0	161	0	1	—	—	—	—	—
At 80% work rate with various flows															
Flow (cfm)															
6	0.318E-3	4.63	166	9.9	5	0.107E-2	2.8	162	1.1	5	0.783E-3	4.89	156	7.6	6
7	0.364E-3	4.34	197	12.4	5	0.101E-2	1.98	193	1.1	5	0.285E-3	7.10	184	13.1	6
5	0.341E-3	4.18	132	4.1	5	0.188E-2	3.92	130	4.5	5	0.469E-2	2.30	126	7.0	6
4	0.375E-3	4.53	109	6.7	5	0.292E-2	5.55	107	3.1	5	0.100E-1	1.91	102	8.1	6
3	0.706E-3	0.37	82	9.6	5	0.466E-2	7.58	79	3.9	5	0.100E-1	2.11	78	7.1	6
6	0.516E-3	5.77	168	12.7	5	0.115E-2	2.21	163	1.5	5	0.139E-2	2.33	158	9.0	6
ANSI exercises															
Exercise No.															
1	0.576E-3	3.84	165	4.5	5	0.108E-2	1.69	166	2.6	5	0.548E-4	7.41	158	7.1	5
2	0.704E-3	5.56	164	3.6	5	0.116E-2	1.62	165	2.4	5	0.620E-4	10.2	157	6.8	5
3	0.438E-3	4.38	166	3.8	5	0.101E-2	1.59	168	2.4	5	0.410E-4	6.81	159	7.0	5
4	0.454E-3	3.76	164	5.5	5	0.101E-2	1.54	166	3.7	5	0.458E-4	6.32	158	7.9	5
5	0.493E-3	3.33	163	6.3	5	0.857E-3	1.83	165	3.0	5	0.486E-4	5.49	157	7.5	5
6	0.492E-3	3.14	164	5.6	5	0.810E-3	2.02	166	3.9	5	0.495E-4	5.96	158	7.3	5

Table 3. Racal helmet PAPR data summary for average subject.

	Clean shaven					Three days of stubble					Full beard				
	Penetration		Flow (lpm)			Penetration		Flow (lpm)			Penetration		Flow (lpm)		
	$Mean_g$	SD_g	Mean	SD	N	$Mean_g$	SD_g	Mean	SD	N	$Mean_g$	SD_g	Mean	SD	N
Warmup with increasing slope															
Grade %															
2.5	0.611E-6	12.4	206	9.4	5	0.349E-4	1.76	200	13.1	5	0.322E-4	8.25	199	14.7	6
5.0	0.857E-6	6.62	206	13.1	3	—	—	—	—	—	0.154E-4	10.0	198	13.1	6
7.5	0.199E-5	8.77	202	5.3	4	0.599E-5	4.73	199	12.9	5	0.259E-5	85.8	200	8.0	5
10.0	0.592E-5	320	206	17.7	2	0.249E-4	185	196	18.8	3	0.278E-4	17.0	207	6.5	4
12.5	0.977E-4	448	208	7.8	4	0.814E-4	181	203	7.8	4	0.567E-3	10.1	203	8.5	6
15.0	0.113E-2	23.9	209	8.9	3	0.155E-2	19.6	198	16.9	4	0.143E-2	50.4	204	12.1	3
17.5	0.109E-2	75.5	206	7.8	4	0.554E-2	2.16	198	17.2	4	0.563E-2	7.9	203	11.6	3
20.0	0.778E-2	19.3	203	1.4	2	0.866E-2	4.4	208	14.9	3	0.171E-1	7.5	198	9.9	2
At 80% work rate with various flows															
Flow (cfm)															
7	0.113E-1	7.5	203	8.9	5	0.196E-1	2.64	185	30.1	5	0.111E-1	4.0	201	10.6	6
8	0.951E-2	8.2	226	10.6	5	0.210E-1	2.91	220	21.1	5	0.719E-2	4.23	224	12.4	6
6	0.528E-1	2.48	168	4.9	5	0.611E-1	1.85	167	13.4	5	0.318E-1	2.59	169	9.8	6
5	0.820E-1	2.12	143	4.6	5	0.111E-0	1.45	141	12.4	5	0.616E-1	1.97	144	11.4	6
4	0.136E-0	1.52	110	12.9	5	0.157E-0	1.32	107	13.0	5	0.120E-0	1.60	107	9.5	6
7	0.412E-1	2.16	204	10.5	5	0.422E-1	1.96	195	19.0	4	0.212E-1	3.44	196	13.2	6
ANSI exercises															
Exercise No.															
1	0.369E-3	7.09	203	10.0	5	0.389E-3	6.7	200	22.2	5	0.336E-3	17.3	200	12.8	6
2	0.129E-2	31.1	201	7.4	5	0.288E-2	9.28	199	35.6	5	0.437E-2	39.1	194	14.4	6
3	0.218E-3	121	203	7.3	5	0.776E-3	9.71	195	14.3	5	0.284E-3	12.1	199	15.9	6
4	0.498E-4	56.0	201	7.9	5	0.113E-3	13.2	194	13.9	5	0.162E-3	6.26	196	16.1	6
5	0.921E-5	32.6	203	9.0	5	0.336E-4	5.65	192	12.0	5	0.388E-4	4.83	196	17.0	6
6	0.223E-5	19.8	206	10.9	5	0.107E-4	9.5	194	13.8	5	0.942E-5	3.70	199	17.9	6

Table 4. 3M helmet PAPR data summary for average subject.

	Clean shaven, penetration			Three days of stubble, penetration			Full beard, penetration		
	$Mean_g$	SD_g	N	$Mean_g$	SD_g	N	$Mean_g$	SD_g	N
Warmup with increasing slope									
Grade %									
2.5	0.907E-4	4.54	6	0.170E-3	2.57	6	0.166E-3	18.4	5
5.0	0.623E-4	13.9	2	0.170E-3	3.51	5	0.105E-3	23.4	4
7.5	0.246E-3	3.70	6	0.427E-3	2.61	4	0.318E-3	3.67	5
10.0	0.659E-3	2.51	4	0.647E-3	1.90	5	0.313E-3	7.27	4
12.5	0.495E-2	1.49	4	0.885E-2	3.56	5	0.135E-2	11.9	4
15.0	0.201E-1	2.27	6	0.140E-1	1.90	6	0.218E-2	13.2	5
17.5	0.300E-1	1.79	4	0.256E-1	1.68	4	0.213E-1	2.0	2
20.0	0.400E-1	2.79	2	0.359E-1	1.06	2	0.600E-1	0	1
At 80% work rate with various flows									
Flow (cfm)									
9	0.502E-1	1.52	6	0.572E-1	1.66	6	0.186E-1	5.62	5
10	0.400E-1	1.58	6	0.485E-1	1.76	6	0.270E-1	2.12	5
7	0.900E-1	1.39	5	0.985E-1	1.40	6	0.496E-1	2.09	6
6	0.120E-0	1.29	6	0.126E-0	1.39	6	0.056E-0	2.54	6
4	0.200E-0	1.25	6	0.187E-0	1.22	6	0.107E-0	2.06	6
9	0.500E-1	1.48	6	0.810E-1	2.38	6	0.206E-1	2.87	5
ANSI Exercises									
Exercise No.									
1	0.126E-2	5.24	6	0.125E-2	4.60	6	0.157E-2	3.90	5
2	0.334E-2	4.84	6	0.234E-2	1.86	6	0.220E-2	7.24	5
3	0.260E-2	3.32	6	0.220E-2	4.6	6	0.117E-2	7.88	5
4	0.435E-3	4.56	6	0.269E-2	30.0	6	0.229E-3	7.98	5
5	0.978E-4	4.39	6	0.106E-3	1.73	6	0.432E-4	8.61	5
6	0.382E-4	5.22	6	0.570E-4	7.40	6	0.223E-4	9.98	5

Table 5. Physiological response at various grades.

Grade %	Heart rate per min	Breathing rate per min	Minute volume, l
2.5	116	23	30
5.0	124	23	36
10.0	155	30	53
15.0	165	33	72
20.0	177	41	103

Effect of Air Flow Rate

To study the importance of the amount of filtered air supplied to the PAPR, we varied the air flow rate from below the NIOSH standard to as great as the PAPR could produce with a freshly charged battery and new filters. The results are shown in Figs. 4(a), (b), and (c); 5(a), (b), and (c); and 6(a), (b), and (c). After a short time of use, about 15 min, the battery voltage would drop so that about 1 cfm less air was moved, and then air flow would remain constant for many hours. Our flows varied some from test to test due mainly to variations in the voltage supplied to the PAPR. The standard deviation for the flow is shown as a horizontal line terminated by hour glass characters. The SD_g for the penetration is shown as before. Since the flow into the 3M PAPR was not measured during the exercises, it was assumed to be the same as in the initial bench test.

Effect of Facial Hair

The effect of facial hair on the penetration when the subject is working at 80% is summarized in Figs. 7, 8, and 9. Here, each facial hair condition is plotted with a different symbol on the graph of penetration vs flow for each make of PAPR. For clarity, no standard deviations are shown on these plots.

The ANSI Exercises

The penetrations observed during the ANSI exercises are summarized in clustered bar graphs, Figs. 10, 11, and 12. The fractional penetration has been multiplied by 1000 for better plotting. The data for all three facial hair conditions have been grouped for each of the six exercises, with one plot for each PAPR.

Pressure and Flow in the Facepiece

The pressure in the facepiece changes as the subject breathes in and out. When the subject is working at 80% of his maximum, his peak inhalation flow rate can be greater than that supplied by the PAPR, causing a negative pressure inside the facepiece. The next series of plots show the pressure in the facepiece and the air flow into it vs time. These are shown for each subject both clean shaven and with a 2-month beard at the NIOSH-required flow rate of 4 cfm (114 lpm) for the half mask (Fig. 13), and both clean-shaven and with a 3-day stubble at 6 cfm (170 lpm) for the Racal helmet (Fig. 14). For one subject wearing the half mask, we also show these plots for each of the flow rates used at 80% work rate (Fig. 15). The mask pressure for this subject was about the average for all the subjects. For the Racal helmet, we show the plots at each flow rate used for two subjects. One set shows a typical light breather (Fig. 16), and the other shows a typical heavy breathing subject (Fig. 17). Only one plot is shown for the 3M helmet since the flow was not measured and the pressure trace looked the same for all of the tests (Fig. 18).

Discussion

The Importance of the Work Rate

As the subject's work rate increases and his breathing gets deeper, the penetration into the half mask PAPR remains constant at about 0.0002 (ratio of aerosol particles in the facepiece to those in the test chamber) [protection factor (PF) = 5000] for the average clean-shaven subject, Fig. 1(a). However, the penetration into the Racal helmet increases dramatically from 10^{-6} to 0.01 (PF = 100), Fig. 2(a). Similarly the penetration into the 3M helmet increases from 10^{-4} to 0.1 (PF = 10), Fig. 3(a). The trends with facial stubble or a beard were the same. The flow rates used for these plots were those obtained from a charged battery. The air flow to the helmets was not sufficient for work rates produced by a grade greater than about 10%.

The Importance of the Air Flow Rate

Changing the flow to the half mask did not have any measurable effect on the penetration for a clean shaven subject, Fig. 4(a). It remained about 4×10^{-4} (PF = 2500) for all flows from 3 to 7 cfm. For three days of stubble, we notice that the penetration increased at the lower flow rates, Fig. 4(b), and for a full beard, the penetration increased greatly at lower flows, Fig. 4(c). The PF drops to 67 at a flow of 3 cfm.

The penetration into the Racal helmet increases as the flow is decreased for all facial conditions, Figs. 5(a), (b), and (c). It increases from about 0.01 at a flow of 7 cfm to 0.1 at 4 cfm. The same is true for the 3M helmet, where the penetration increases from about 0.04 at 10 cfm to 0.15 at 4 cfm, Figs. 6(a), (b), and (c).

The Role of Facial Hair

Stubble or a full beard has little effect on the penetration into the half mask as long as the flow rate is high enough, 6 or 7 cfm. However, with a full beard at lower yet approved flows, the penetration is 20 times greater than at 7 cfm. This lowers the PF at 4 cfm from 2667 to 132, Fig. 7. No effect of facial hair was seen on the penetration into the helmet-type PAPRs, Figs. 8 and 9. This is probably because the face to facepiece seal is so

poor that the effect of the addition of a beard cannot be detected.

ANSI Exercises

The ANSI exercises performed while wearing the half mask all produced about the same results, Fig. 10. The data with the full beard is puzzling. There is a factor of 20 less penetration with a full beard for the average subject. A look at the individual subject's data reveals that two of the five subjects used for the average had very low penetrations when doing the ANSI exercises with full beards. The other three subjects had about the same penetration as when clean shaven. This skewed the average and caused the large SD_g shown in Table 2.

The helmet data show a general trend downward in penetration as the subjects progress through the exercises. This is partly due to the subject cooling off more and his breathing becoming normal. The Racal helmet data showed an increase in penetration during the running exercise. Again, this is due to increased breathing.

The Myth of Positive Pressure

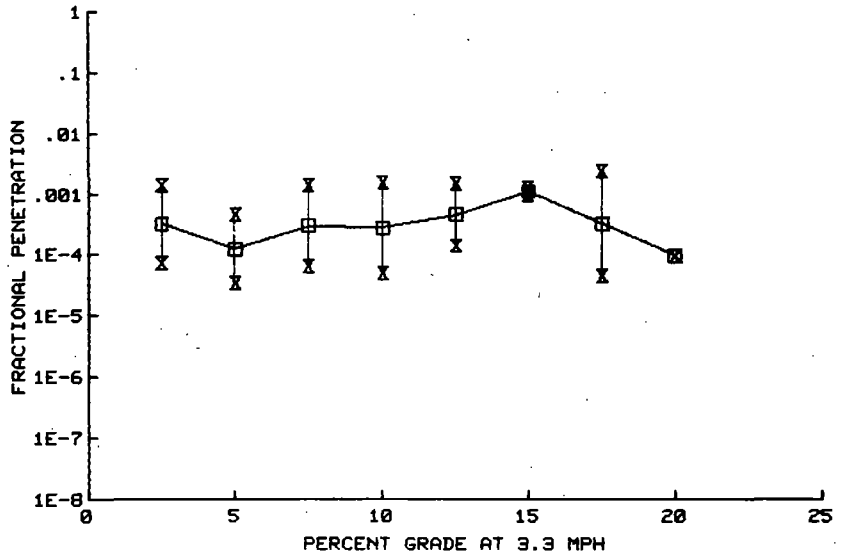
While it is advertized that PAPRs are positive-pressure respirators, we found that under our test conditions the helmet PAPRs could not maintain a positive pressure inside the facepiece all of the time or even most of the time. The MSA half mask comes close to being a positive-pressure device. The set of plots for the MSA half mask, Fig. 15, show for a typical subject, BGH, how the facepiece pressure changes during the breathing cycle at an 80% work rate. Notice that as the flow increases from 3 cfm up to 7 cfm, the percent of time that the pressure is positive increases from less than 50% to almost 100%. At the NIOSH required flow of 4 cfm it is only positive 50% of the time. At 4 cfm, subject BGH has a facepiece pressure of about 0.8 in. water gauge (wg) when exhaling, but it drops to about negative 0.6 in. wg during inhalation. The average pressure during inhalation is a positive 0.2 in. wg when the flow is 6 cfm, which is the flow that the battery maintains for most of its charge. The pressure plots are shown for the rest of the subjects at 4 cfm in Fig. 13. The pressure goes negative during inhalation for all subjects when the flow is 4 cfm. It appears that the NIOSH-required flow rate is too low.

The pressure inside the Racal helmet facepiece did not change much with flow. It cycled between +0.2 and −0.2 in. wg depending on the subject, but depended very little on the flow rate. Figures 14, 16, and 17 show how the pressure and flow varied for the Racal helmet.

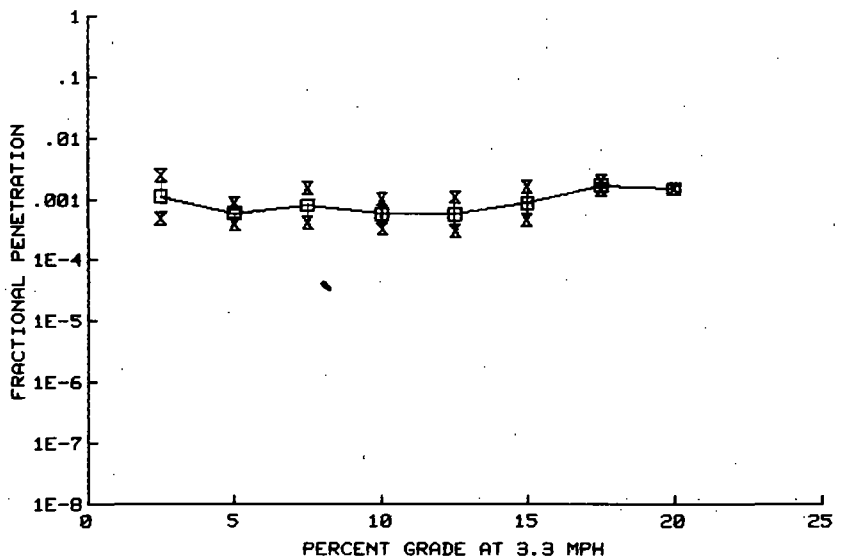
The pressure inside the 3M helmet facepiece stayed within ±0.05 in. wg of zero and showed no discernible pattern associated with breathing. A typical plot is shown in Fig. 18.

Summary

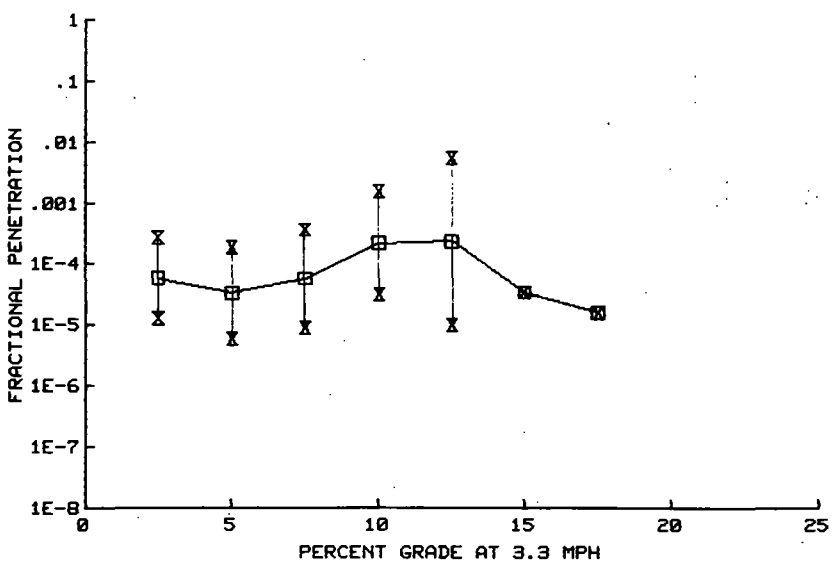
The difference in the performance between the tight fitting half mask and the loose fitting helmets is so great that they should be in separate categories when assigning respirator protection factors. The helmets should not be considered as positive-pressure devices. The half mask is a positive-pressure device at flows of 6 cfm, which is its normal flow rate. At 4 cfm and an 80% work rate, the half mask does not maintain a positive pressure. Facial stubble or a full beard degrade the fit of the half mask. Facial stubble or a full beard do not affect the protection provided by the helmets since it is so poor even when the subject is clean shaven.



(a) clean shaven

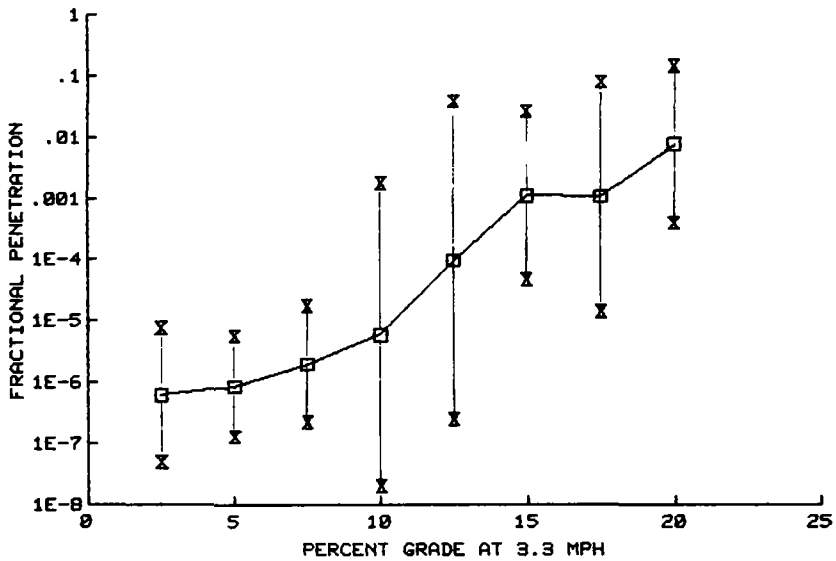


(b) 3-day stubble

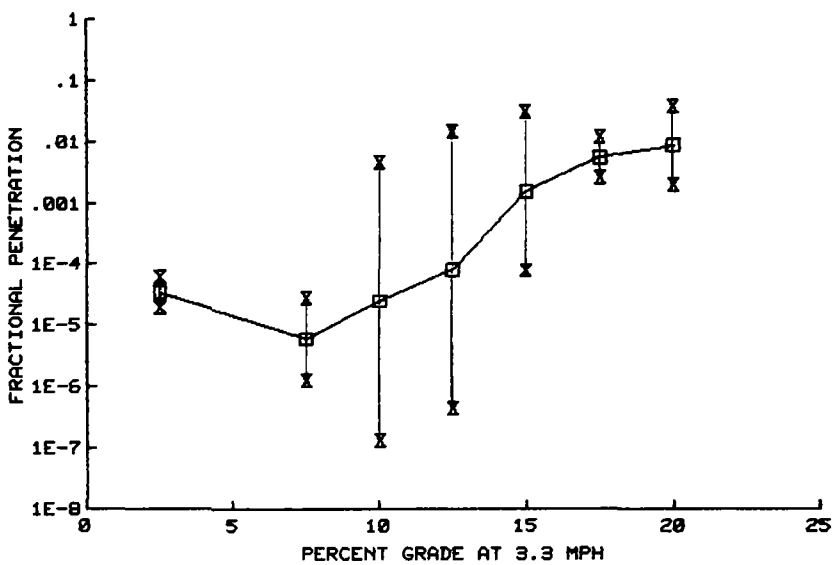


(c) full beard

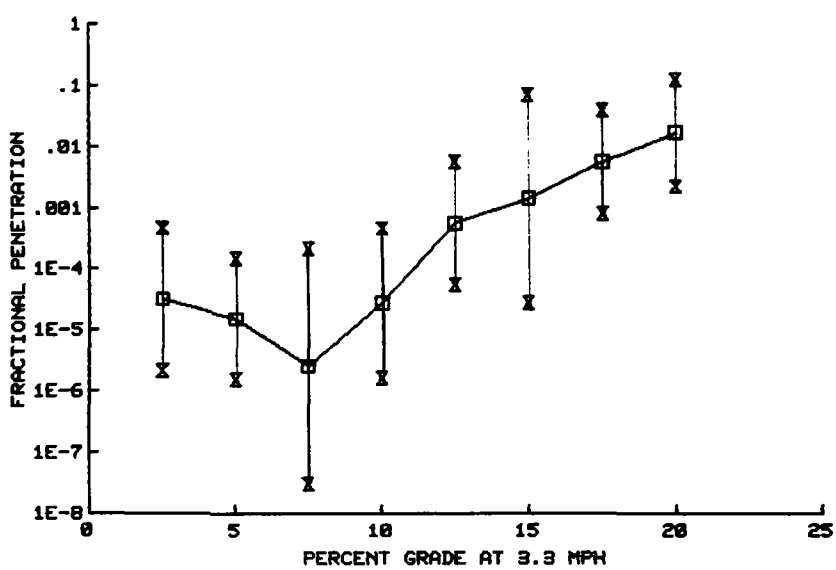
Figure 1. Effect of work rate, average subject, MSA half-mask PAPR.



(a) clean shaven

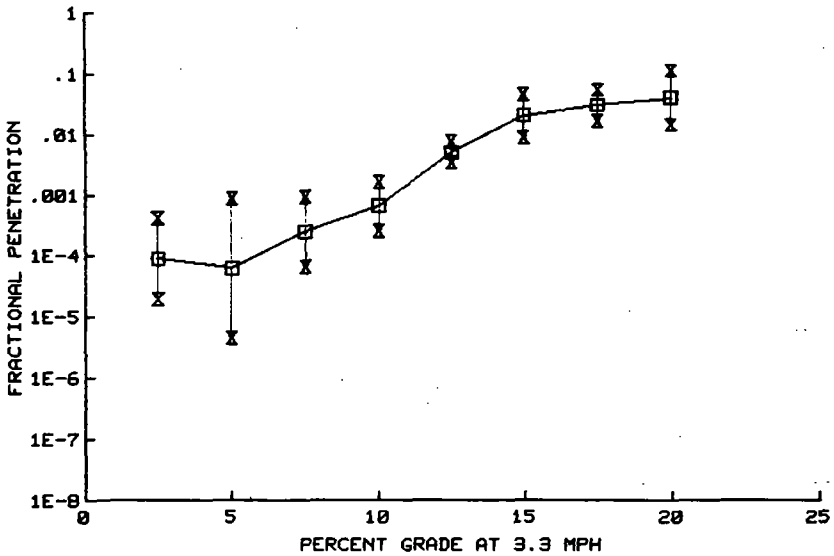


(b) 3-day stubble

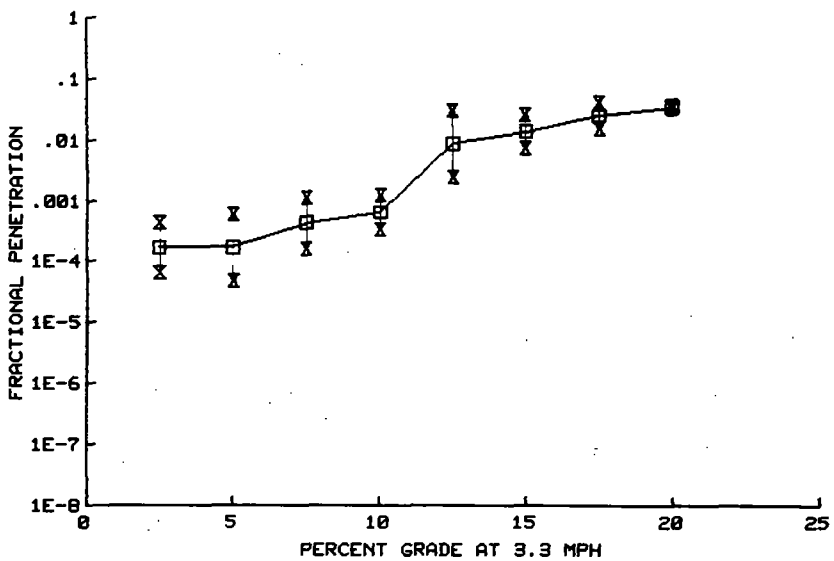


(c) full beard

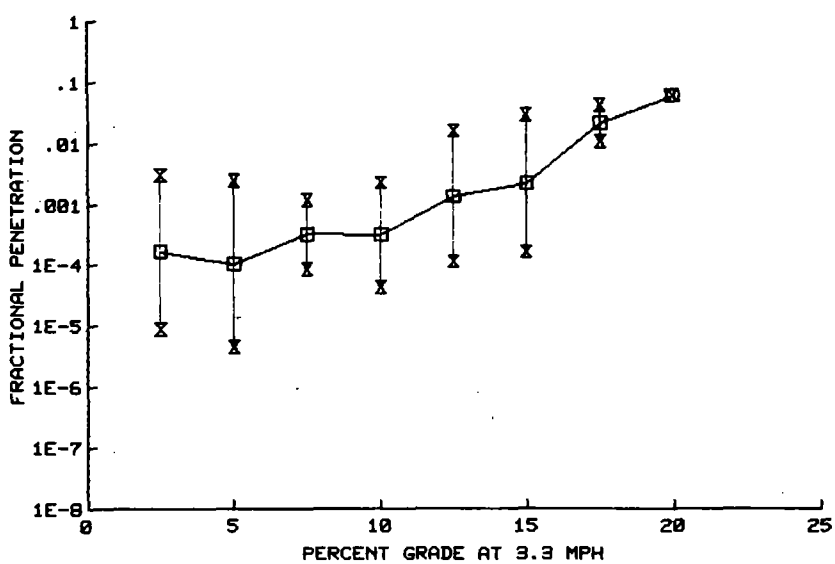
Figure 2. Effect of work rate, average subject, Racal helmet PAPR.



(a) clean shaven

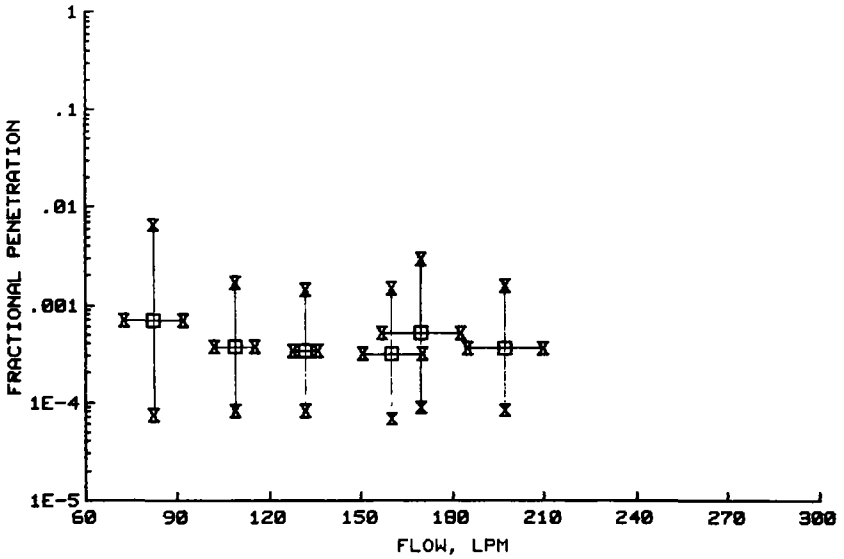


(b) 3-day stubble

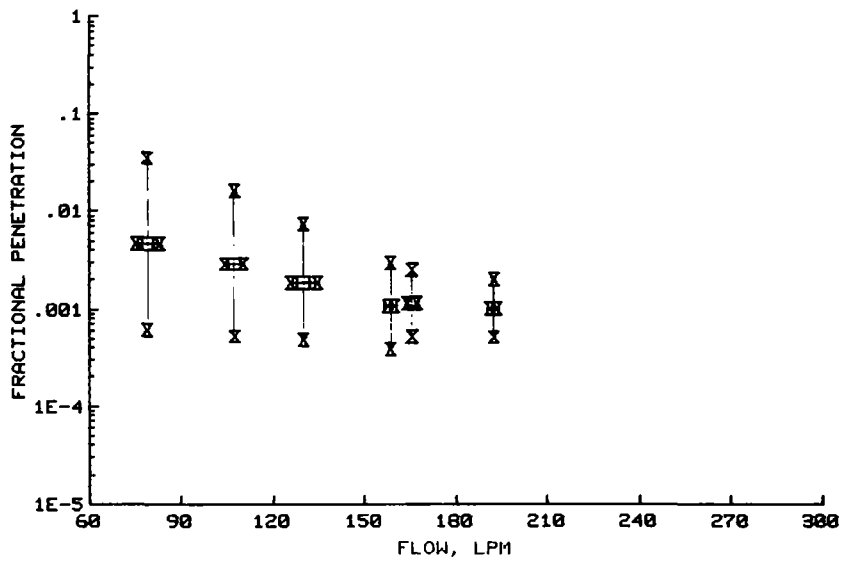


(c) full beard

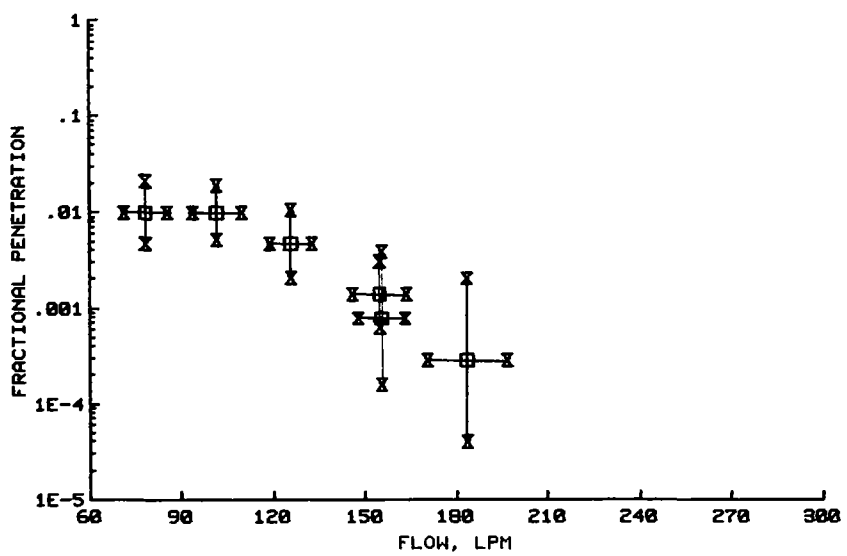
Figure 3. Effect of work rate, average subject, 3M helmet PAPR.



(a) clean shaven

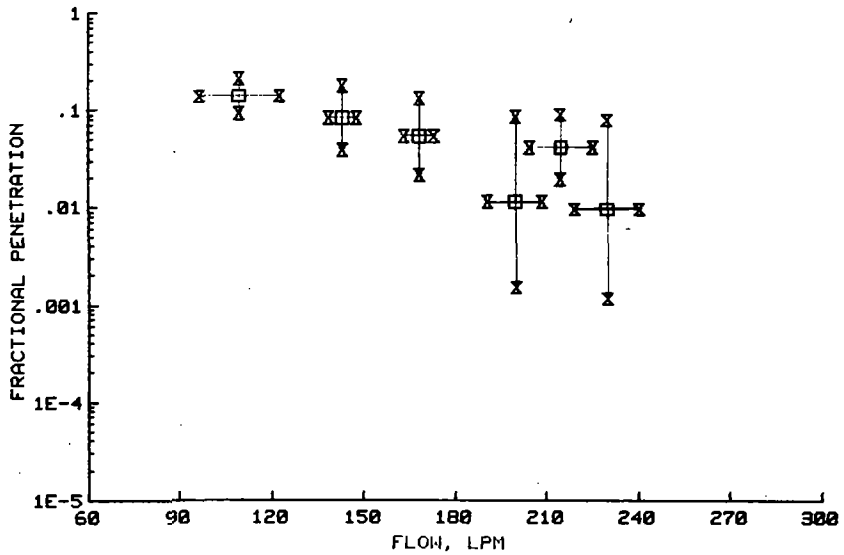


(b) 3-day stubble

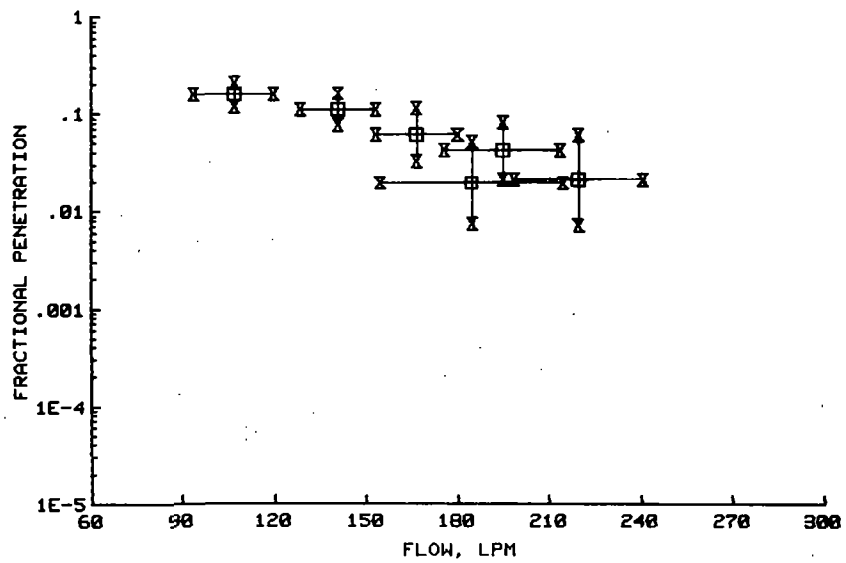


(c) full beard

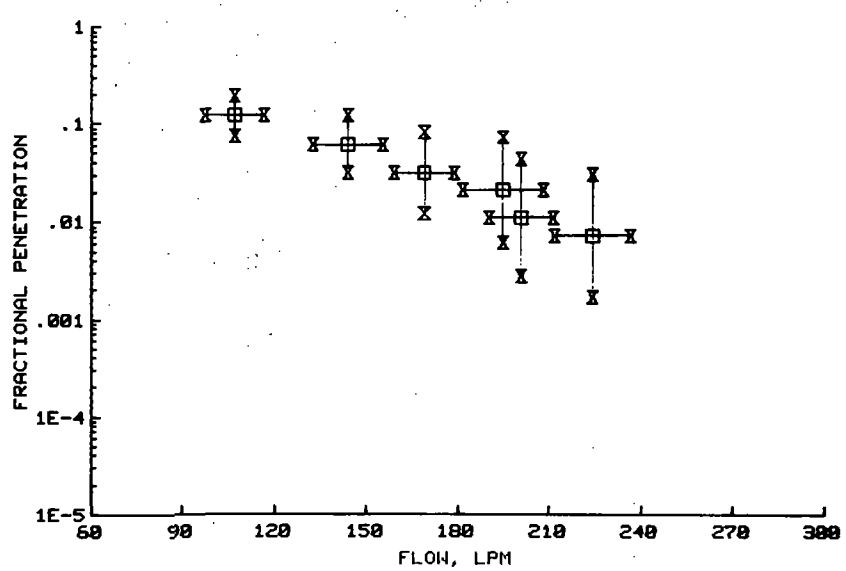
Figure 4. Effect of air flow, average subject, MSA half-mask PAPR.



(a) clean shaven

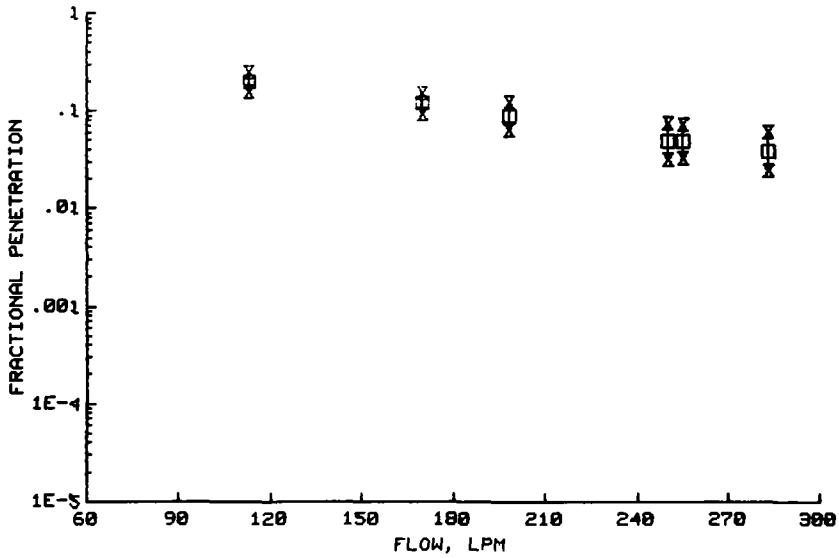


(b) 3-day stubble

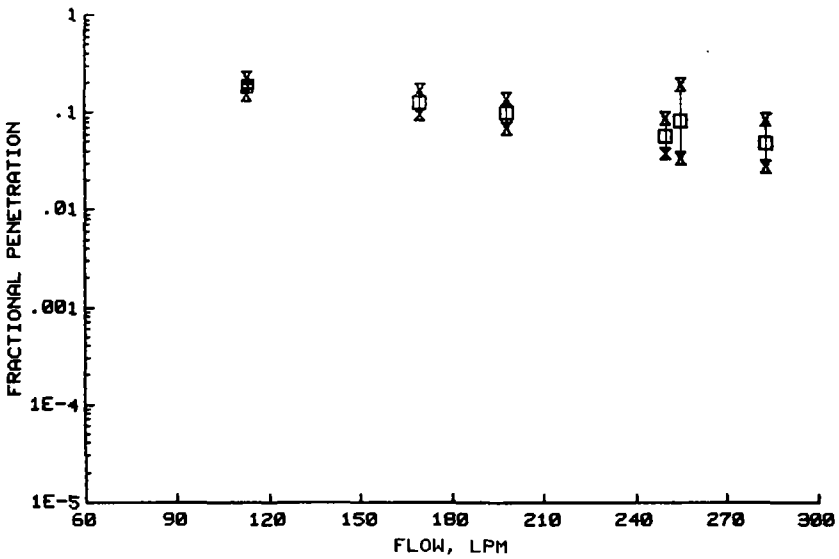


(c) full beard

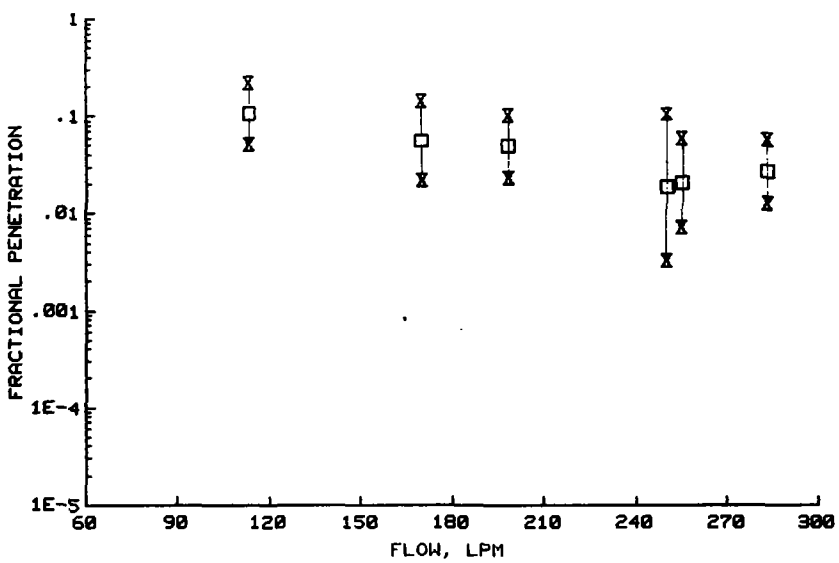
Figure 5. Effect of air flow, average subject, Racal PAPR.



(a) clean shaven



(b) 3-day stubble



(c) full beard

Figure 6. Effect of air flow, average subject, 3M PAPR.

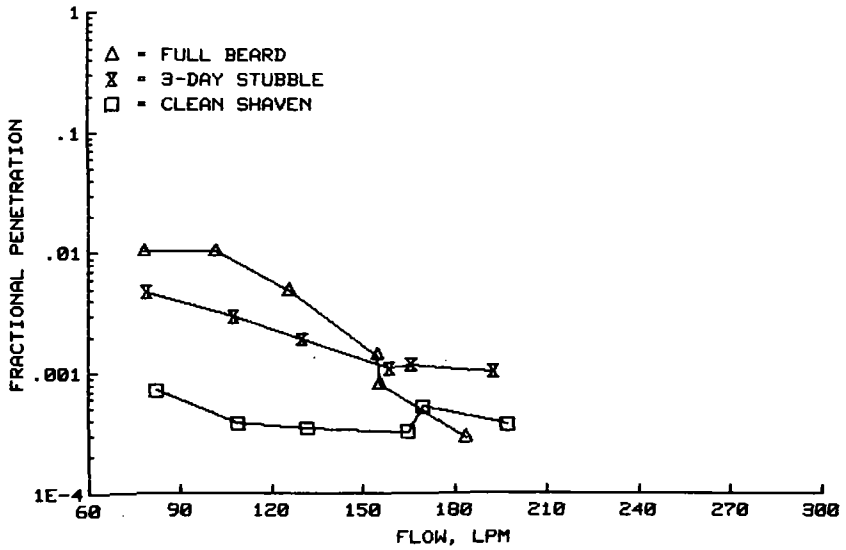


Figure 7. Effect of facial hair at 80% work rate, average subject, MSA half-mask PAPR.

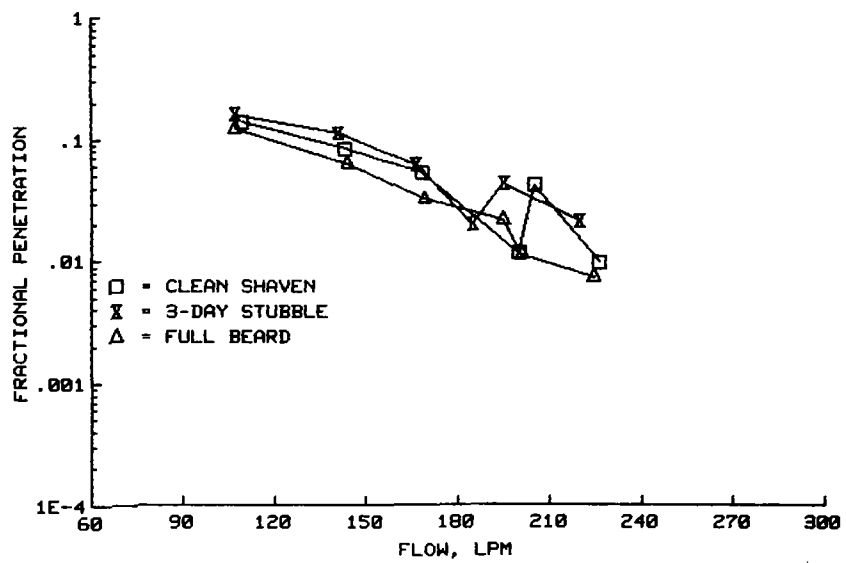


Figure 8. Effect of facial hair at 80% work rate, average subject, Racal helmet PAPR.

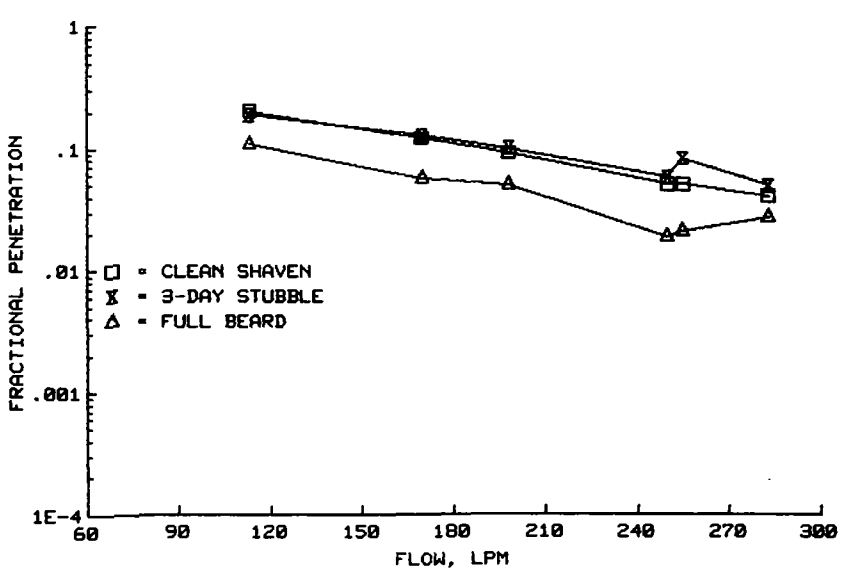


Figure 9. Effect of facial hair at 80% work rate, average subject, 3M helmet PAPR.

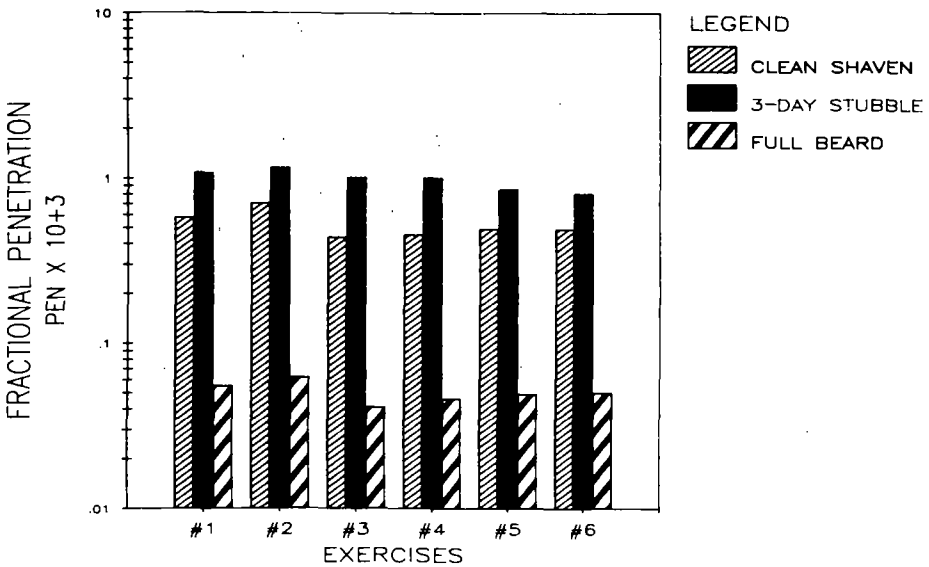


Figure 10. ANSI exercises, average subject, MSA half-mask PAPR.

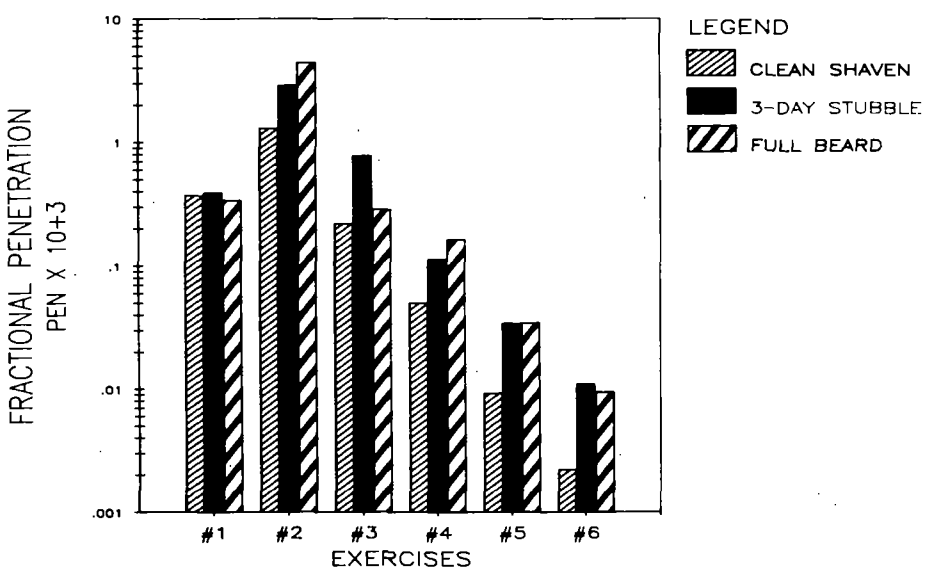


Figure 11. ANSI exercises, average subject, Racal helmet PAPR.

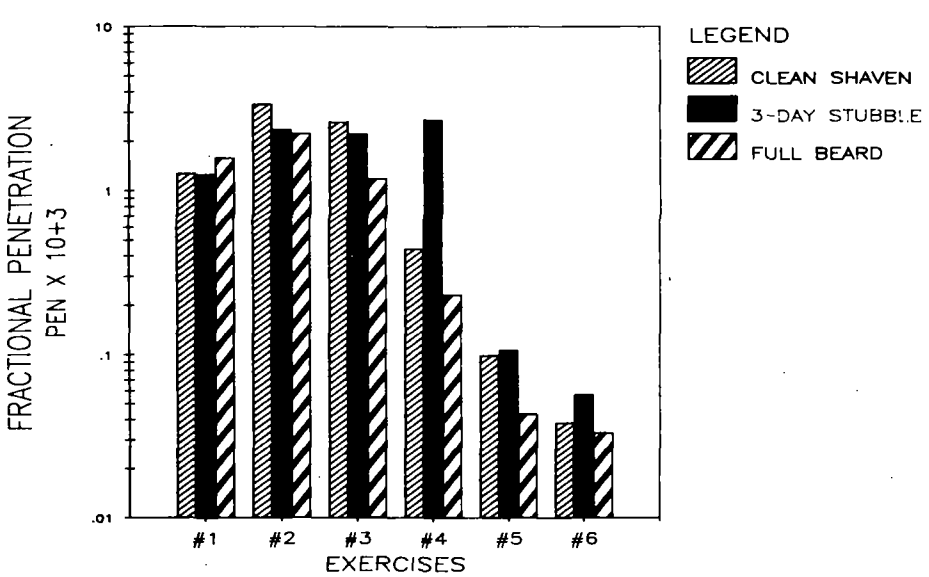
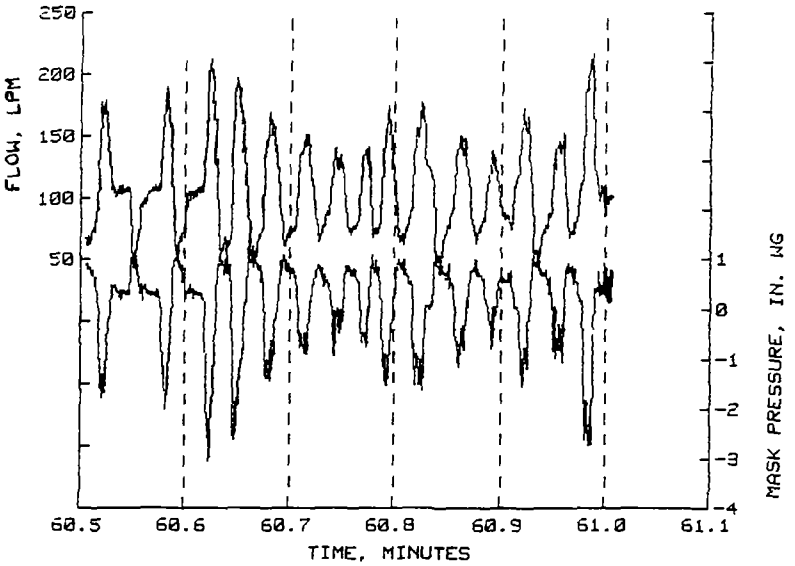
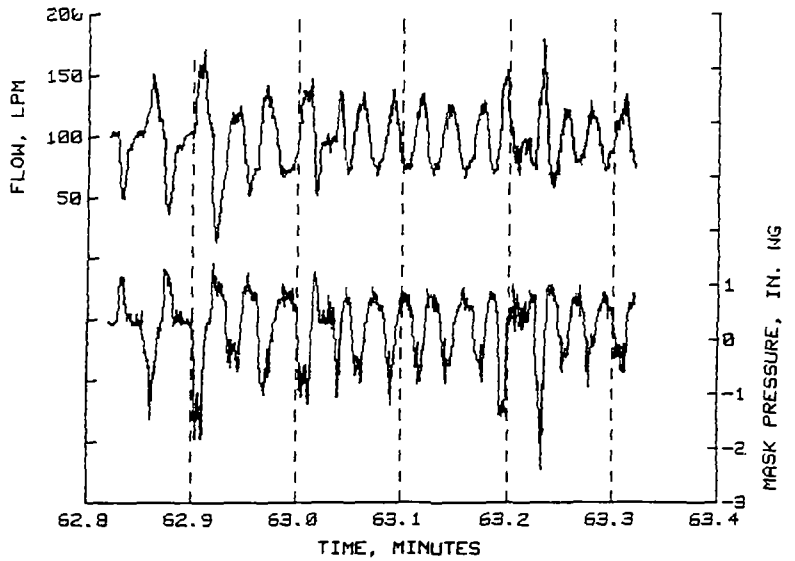


Figure 12. ANSI exercises, average subject, 3M helmet PAPR.



(1) clean shaven



(2) full beard

Figure 13(a). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfs. Subject DAL.

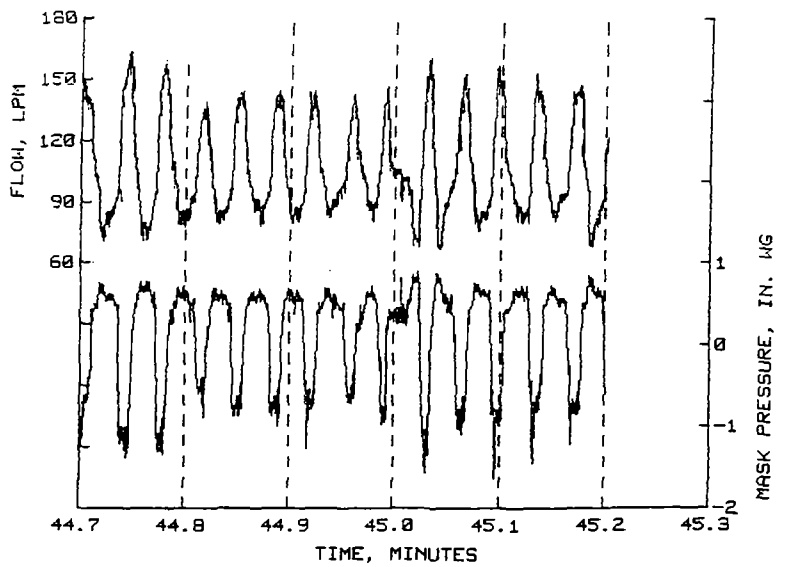
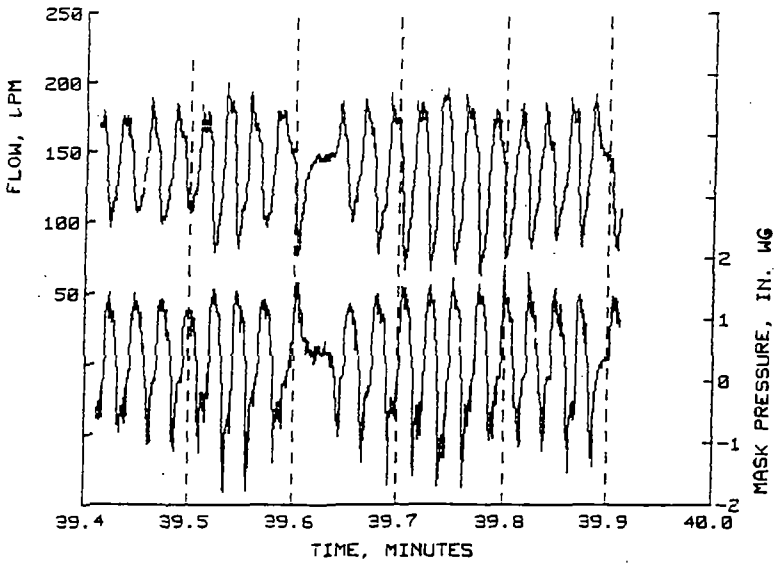
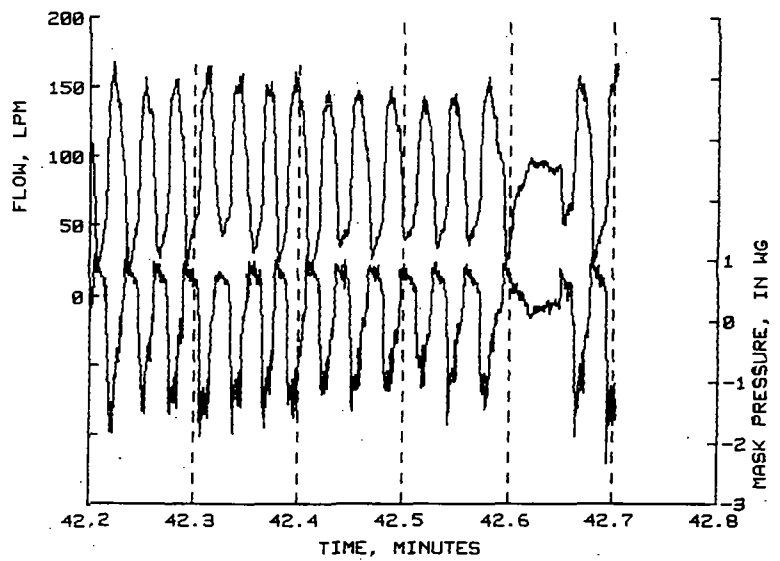


Figure 13(b). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfs. Subject JML, full beard.

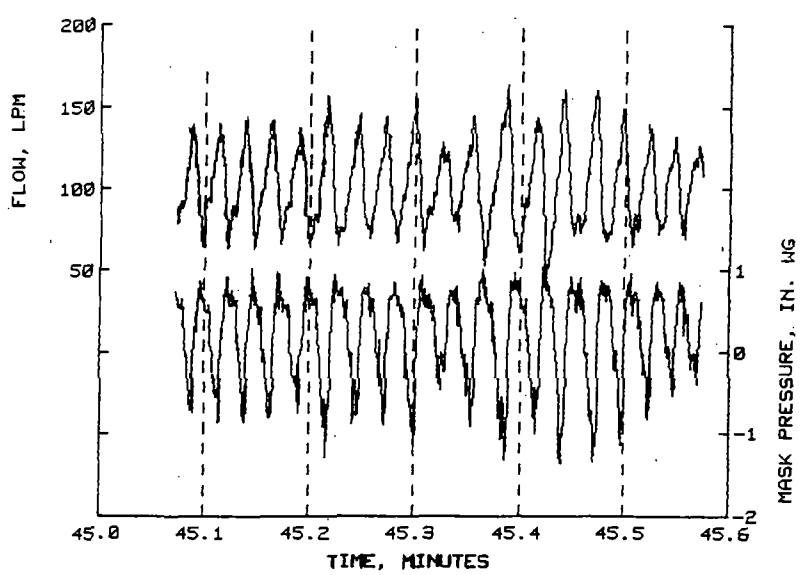


(1) clean shaven



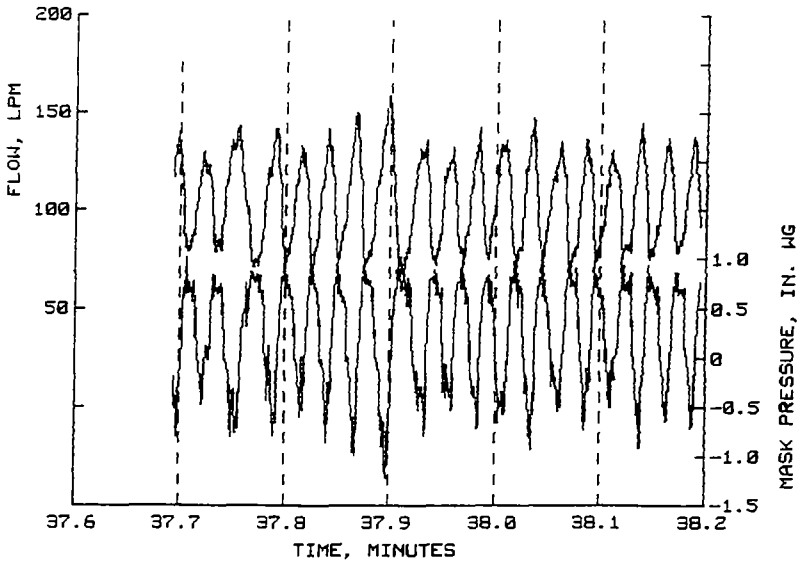
(2) full beard

Figure 13(c). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfs. Subject SPS.



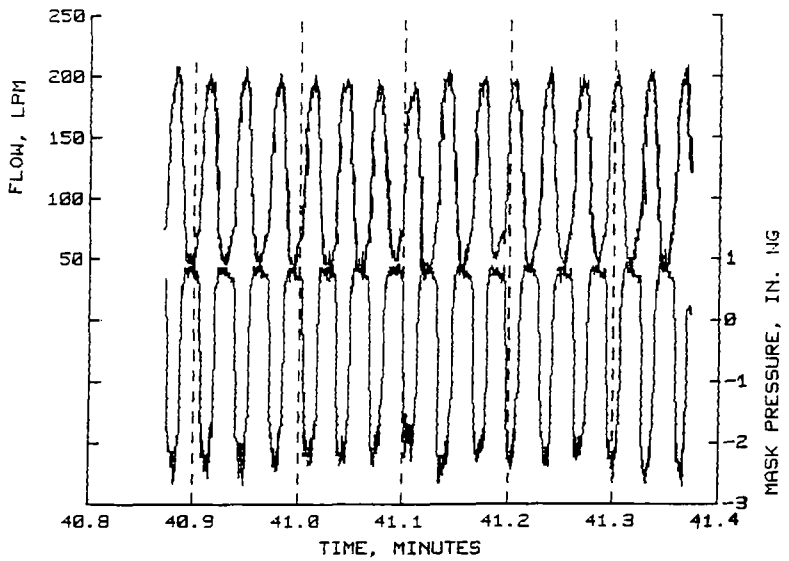
(1) clean shaven

Figure 13(d). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfs. Subject WGU.

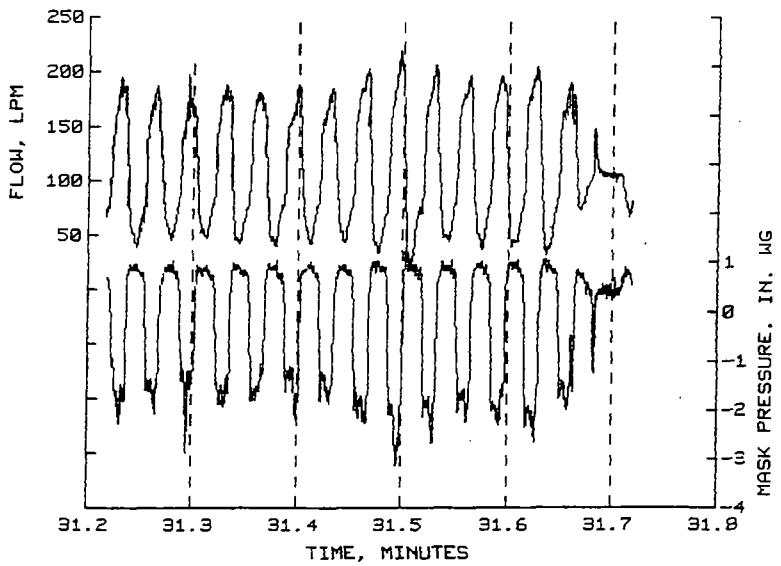


(2) full beard

Figure 13(d). (Continued)



(1) clean shaven



(2) full beard

Figure 13(e). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfs. Subject KCY.

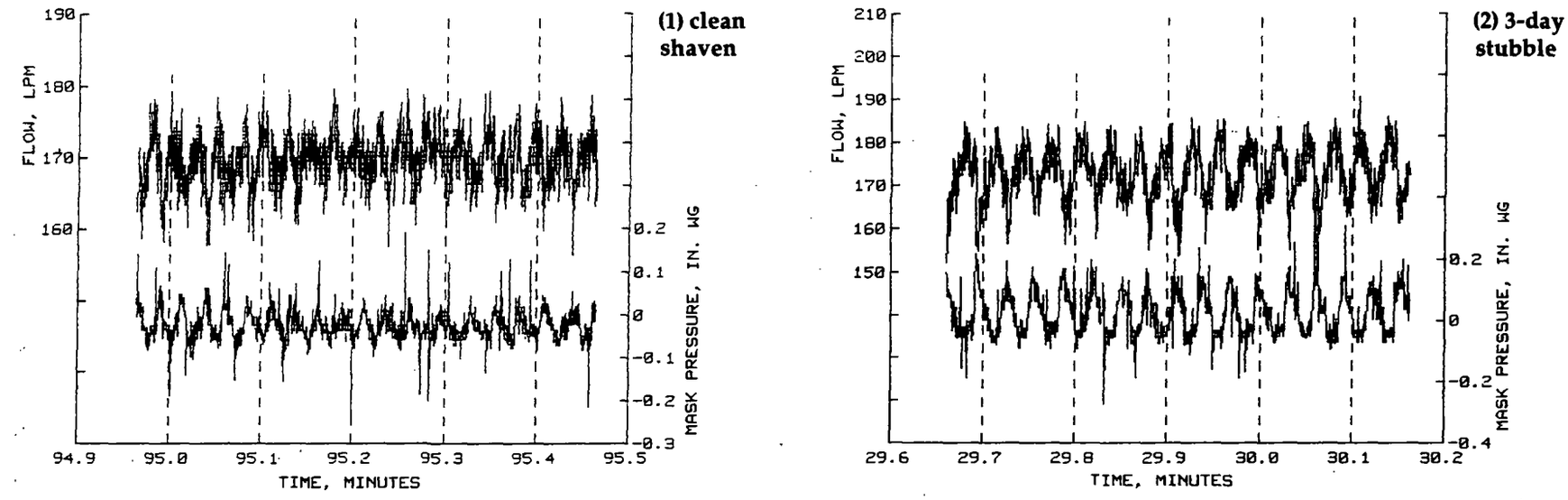


Figure 14(a). Pressure and flow vs time, Racal helmet PAPR, flow of 6 cfm; Subject NCB.

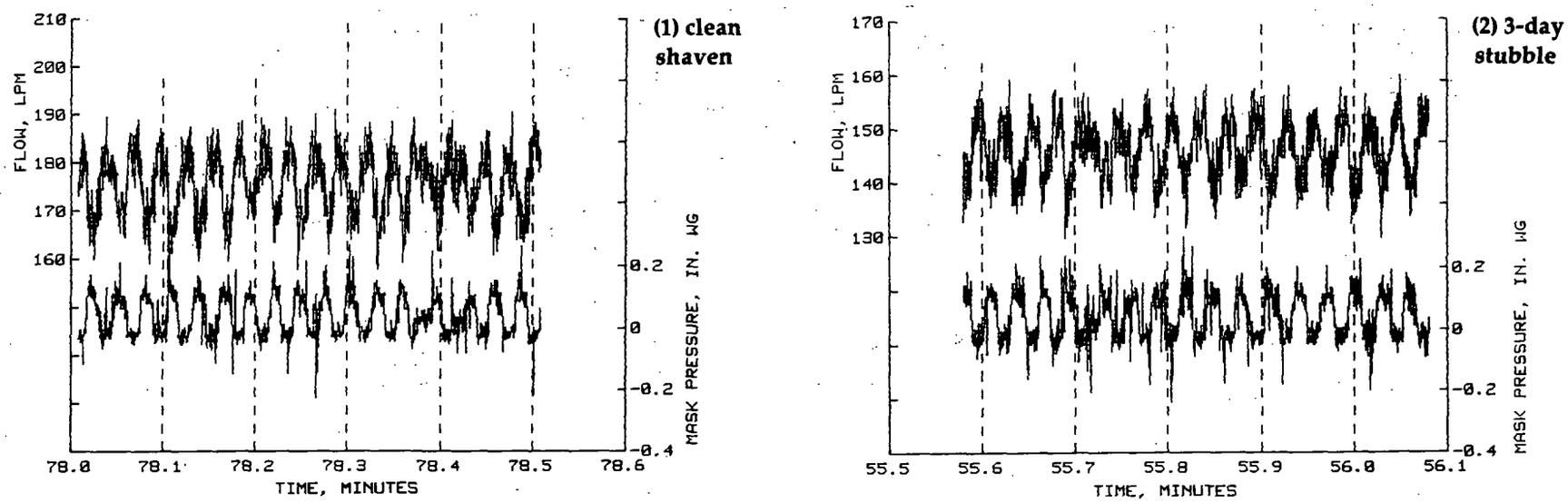


Figure 14(b). Pressure and flow vs time, Racal helmet PAPR, flow of 6 cfm; Subject JWD.

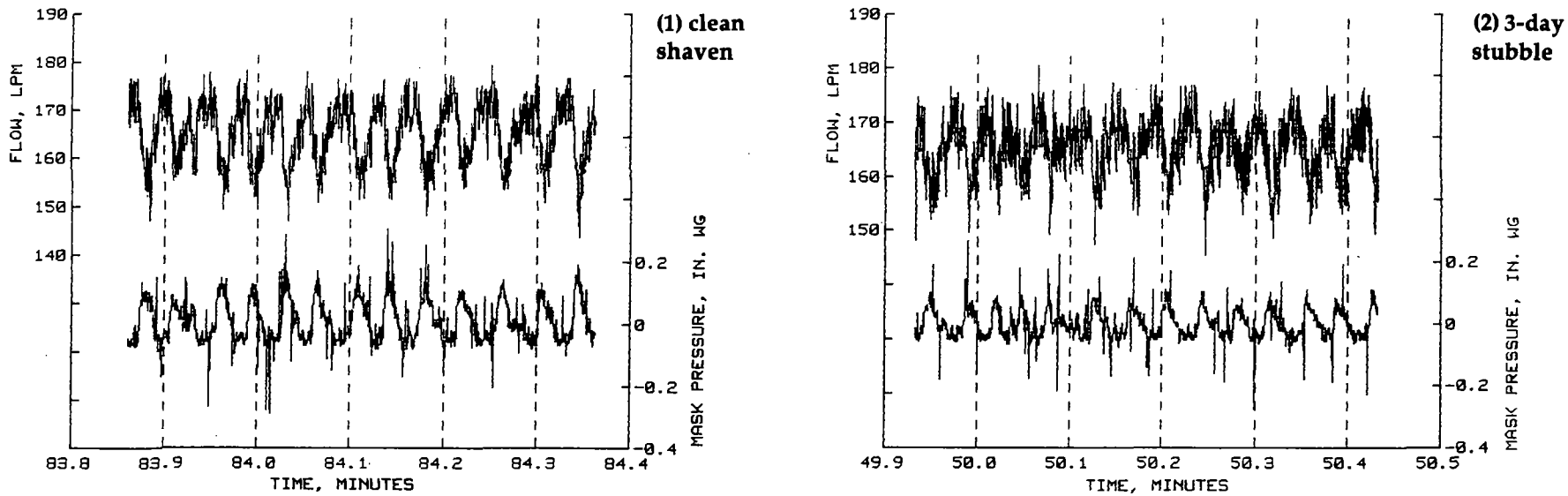


Figure 14(c). Pressure and flow vs time, Racal helmet PAPR, flow of 6 cfm; Subject BGH.

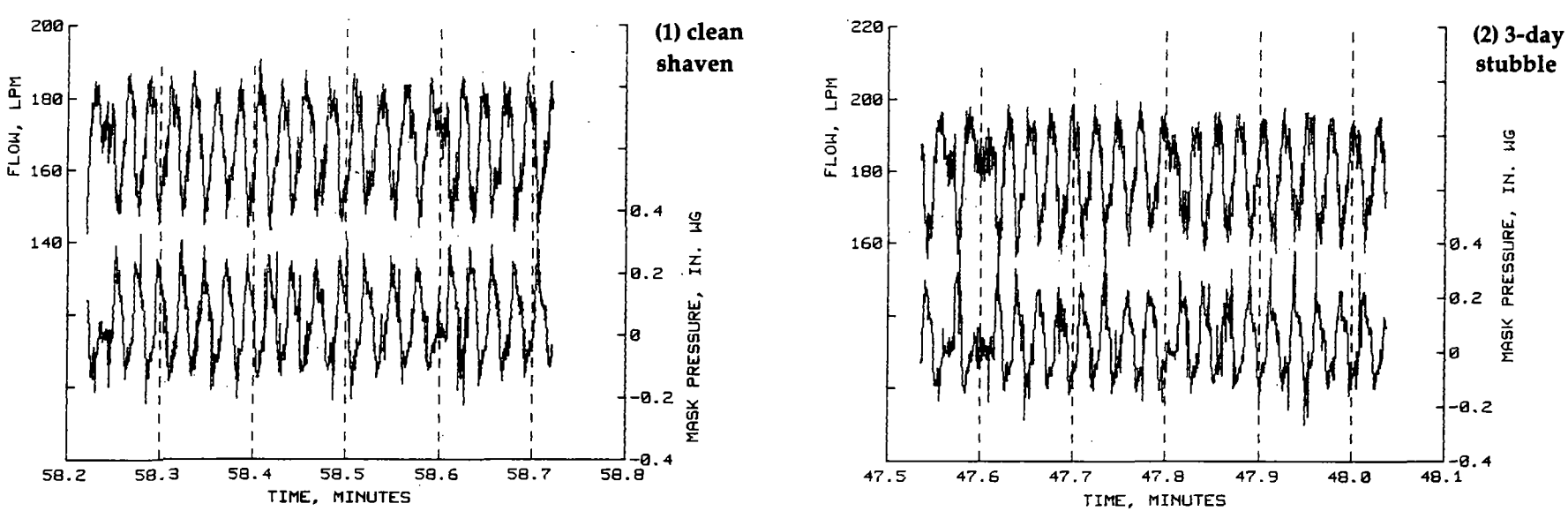


Figure 14(d). Pressure and flow vs time, Racal helmet PAPR, flow of 6 cfm; Subject RAK.

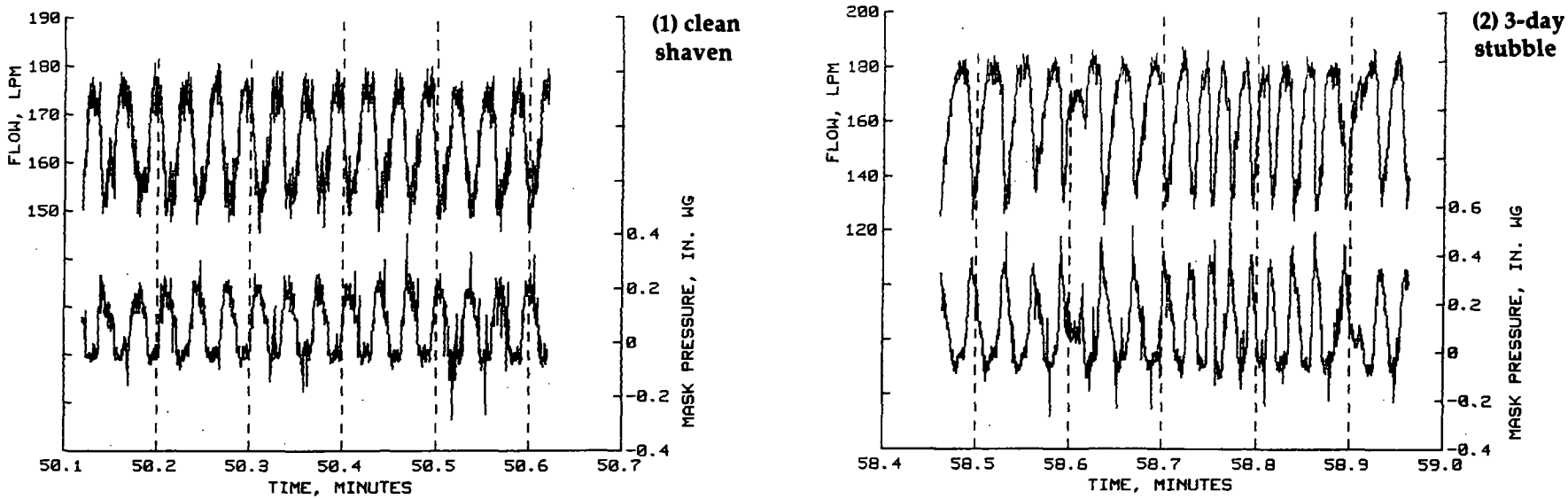


Figure 14(e). Pressure and flow vs time, Racal helmet PAPR, flow of 6 cfm; Subject KCY.

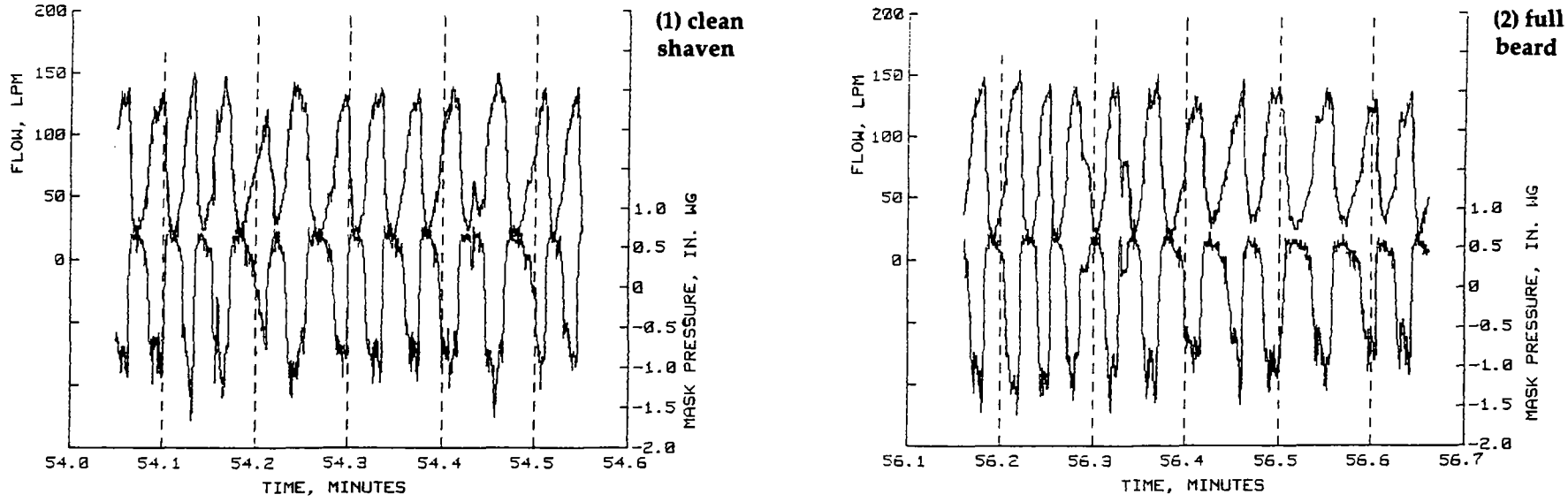


Figure 15(a). Pressure and flow vs time, MSA half-mask PAPR, flow of 3 cfm; Subject BGH.

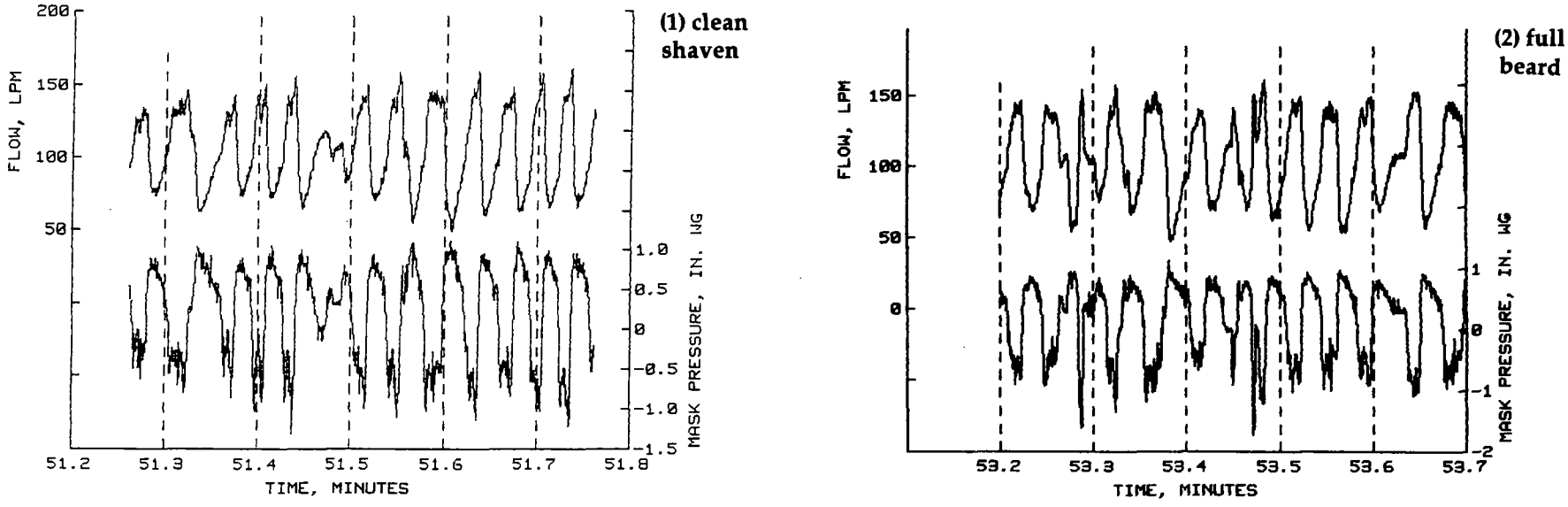


Figure 15(b). Pressure and flow vs time, MSA half-mask PAPR, flow of 4 cfm; Subject BGH.

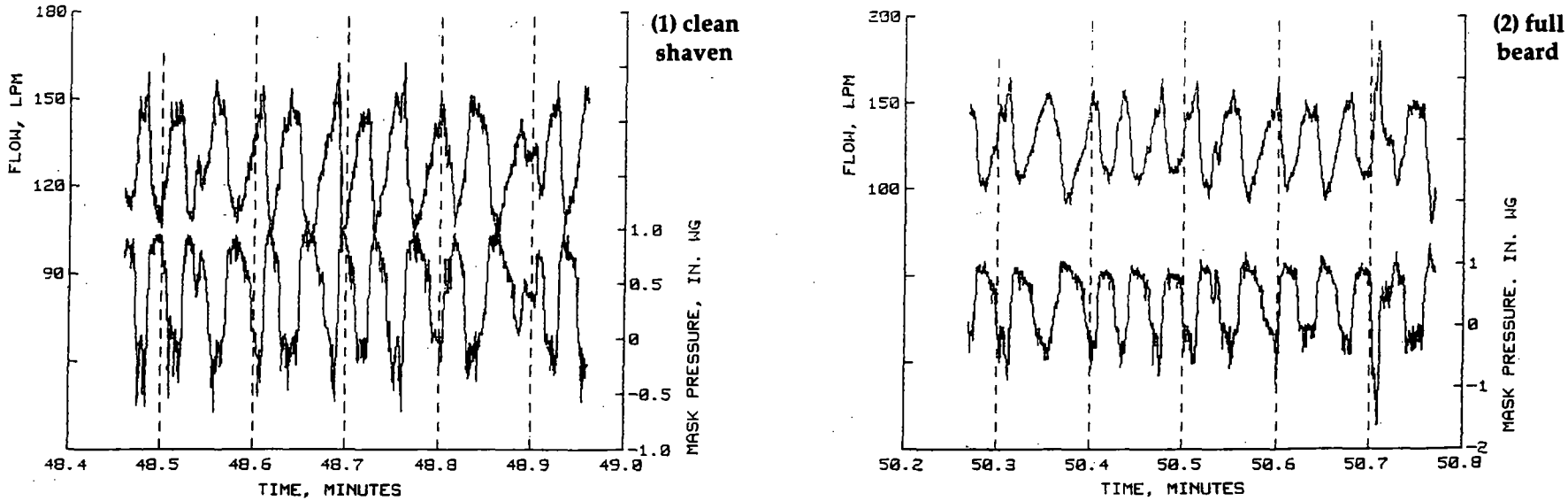


Figure 15(c). Pressure and flow vs time, MSA half-mask PAPR, flow of 5 cfm; Subject BGH.

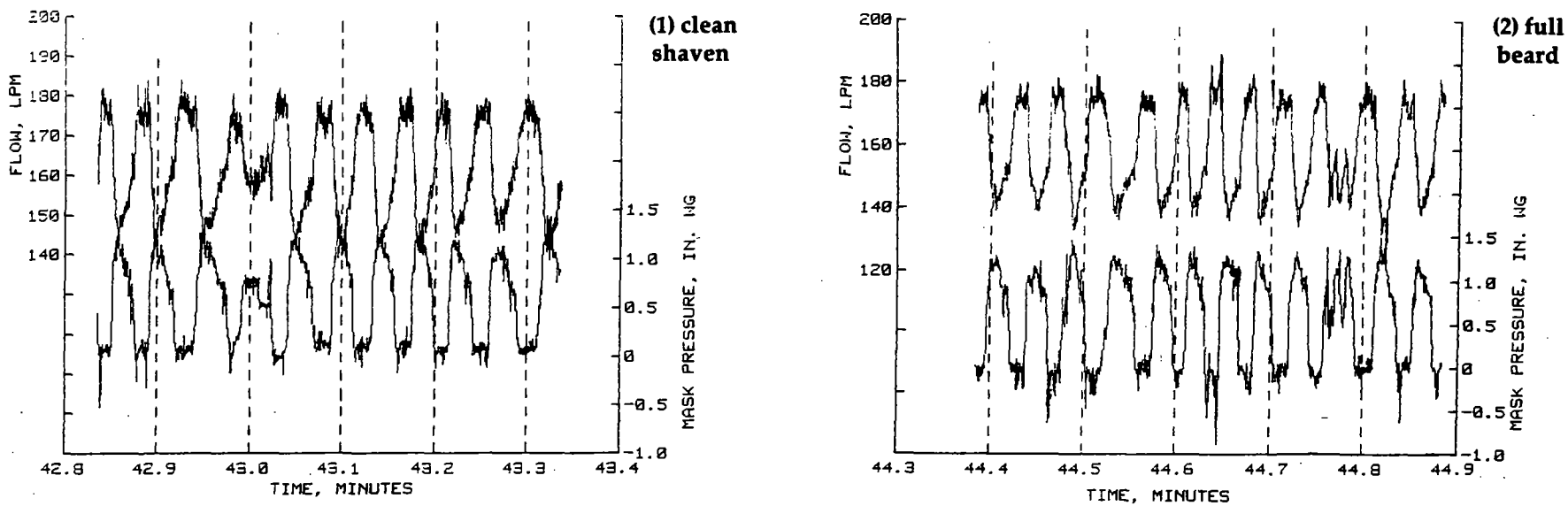


Figure 15(d). Pressure and flow vs time, MSA half-mask PAPR, flow of 6 cfm; Subject BGH.

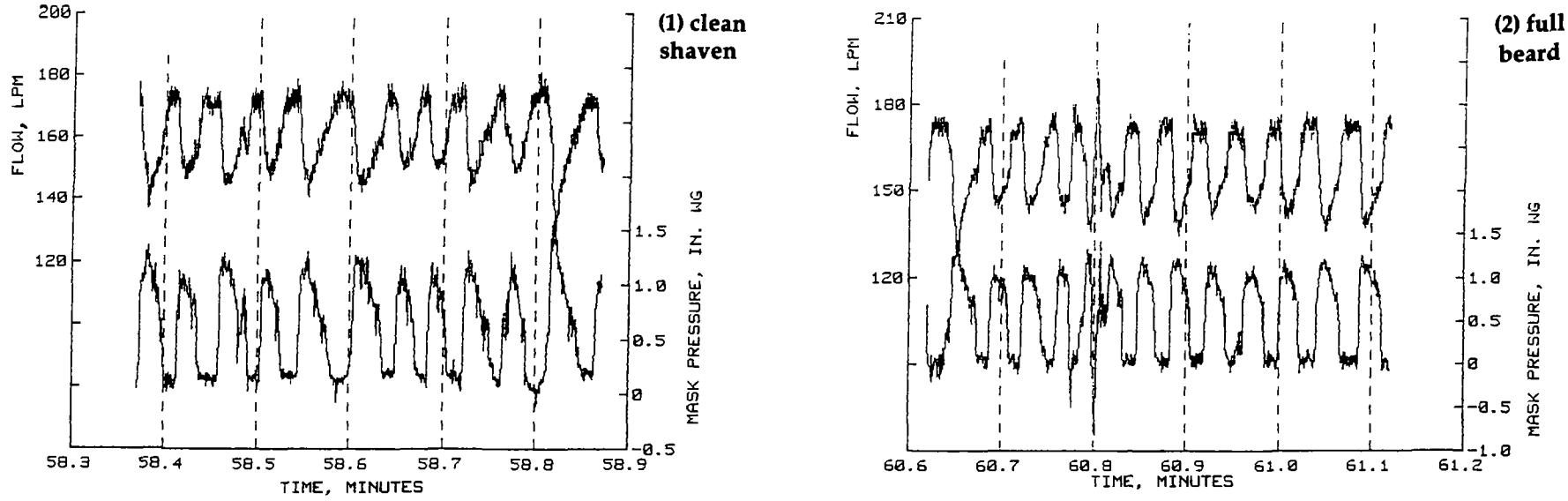


Figure 15(e). Pressure and flow vs time, MSA half-mask PAPR, flow of 6 cfm (repeat); Subject BGH.

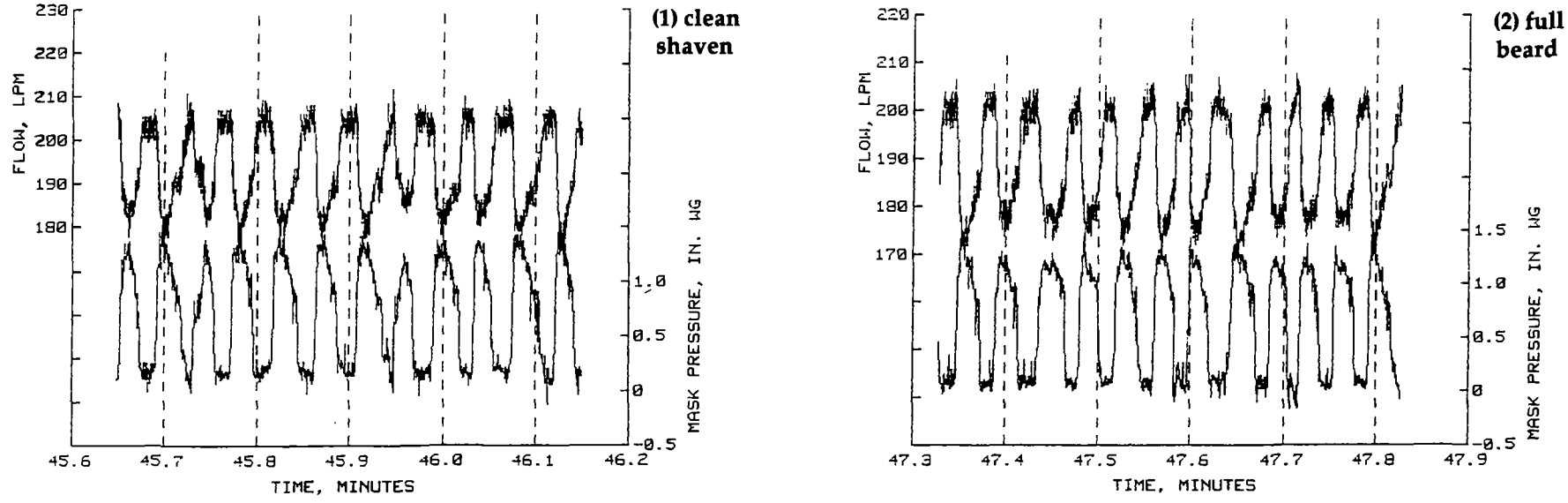
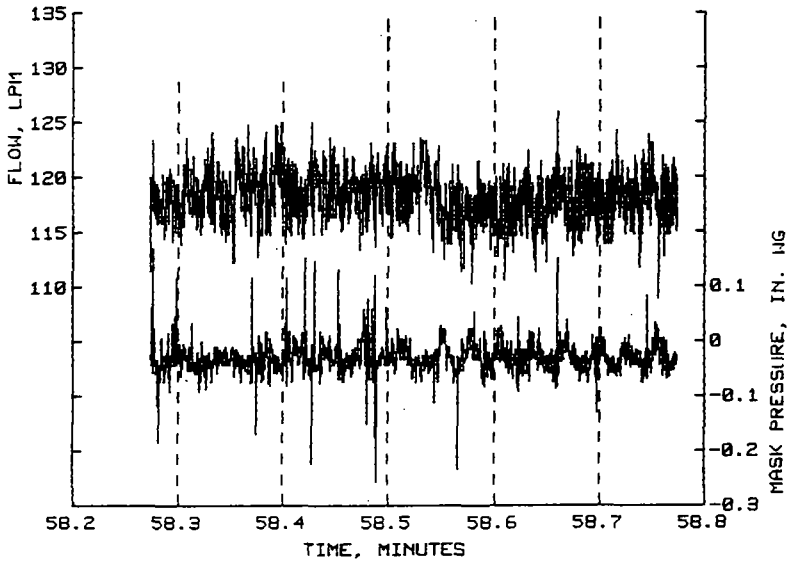
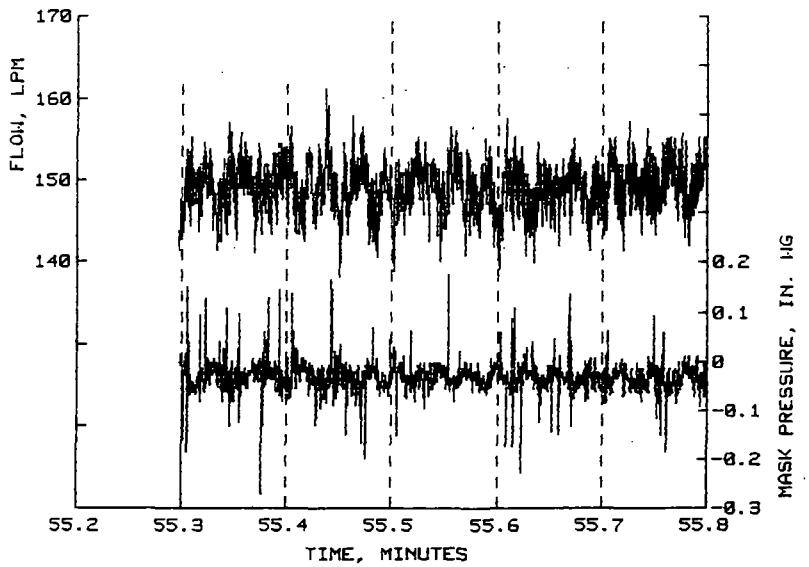


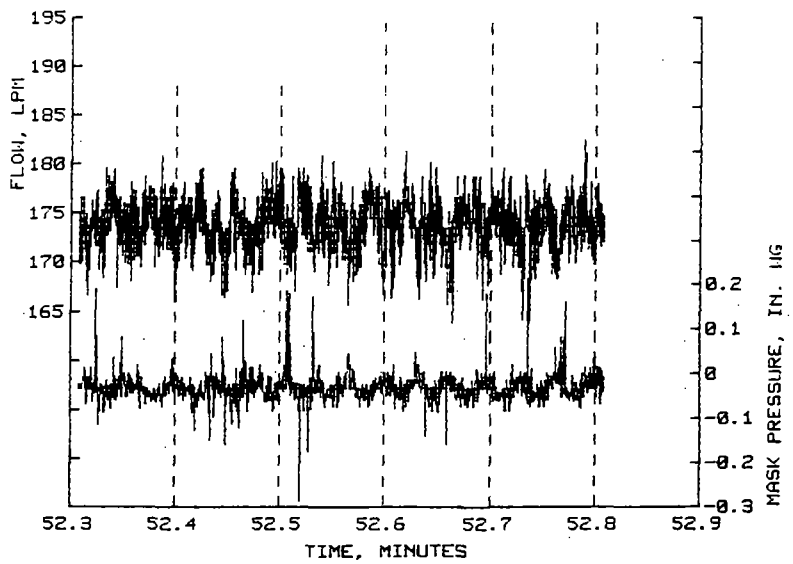
Figure 15(f). Pressure and flow vs time, MSA half-mask PAPR, flow of 7 cfm; Subject BGH.



(a) flow of 4 cfm

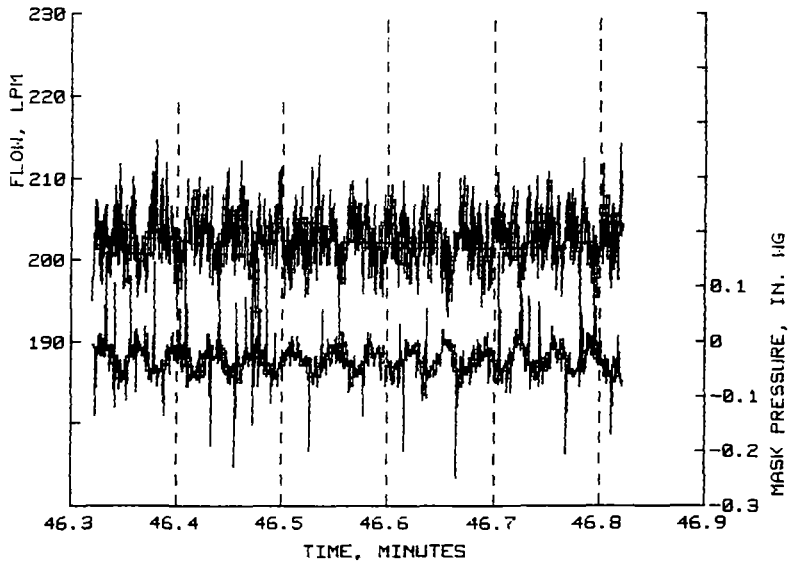


(b) flow of 5 cfm

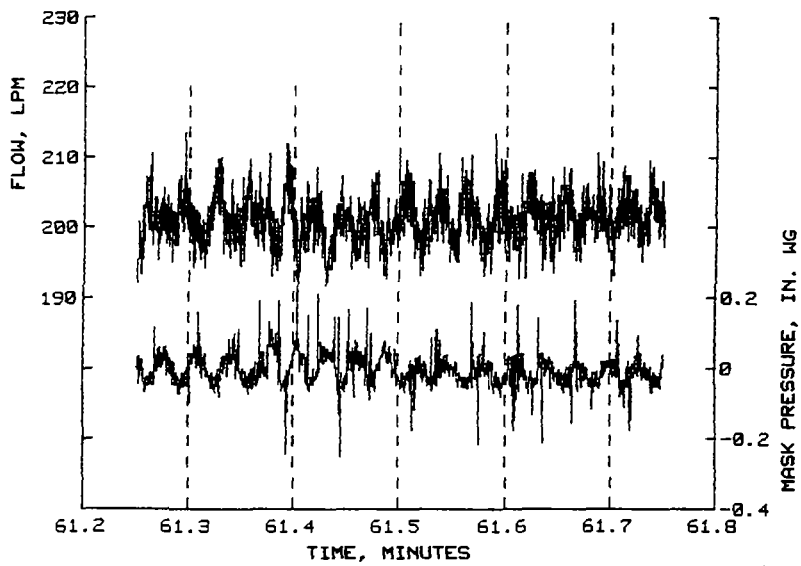


(c) flow of 6 cfm

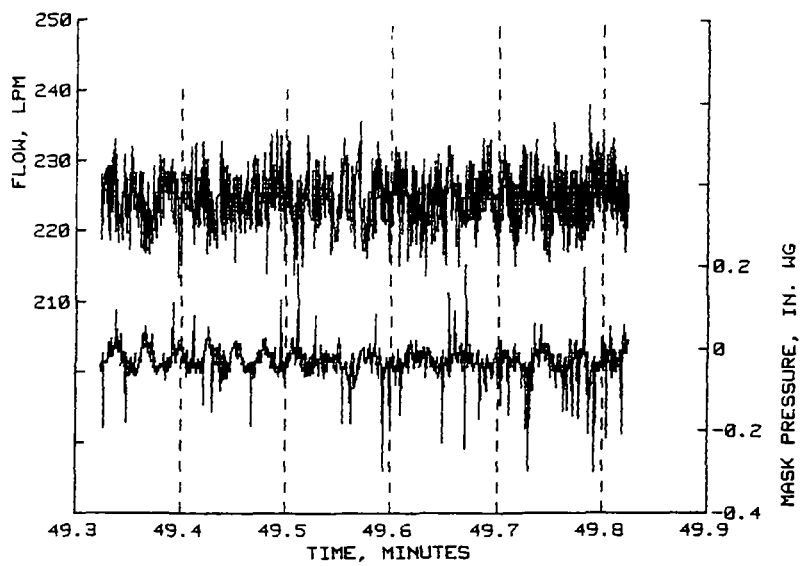
Figure 16. Pressure and flow vs time, Racal helmet PAPR, Subject NCB, full beard.



(d) flow of 7 cfm

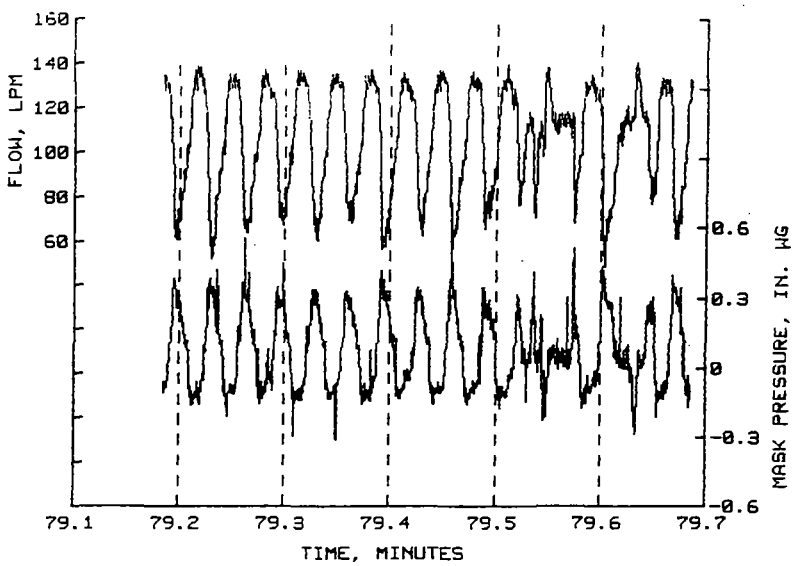


(e) flow of 7 cfm (repeat)

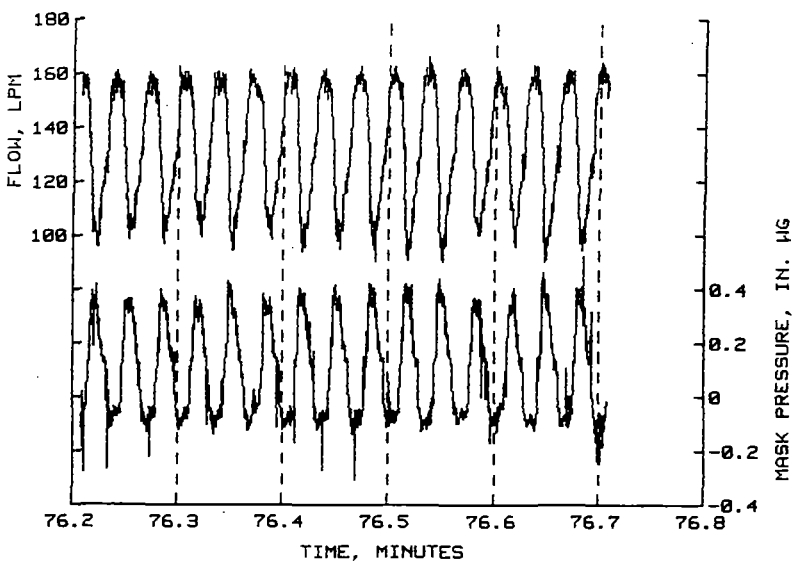


(f) flow of 8 cfm

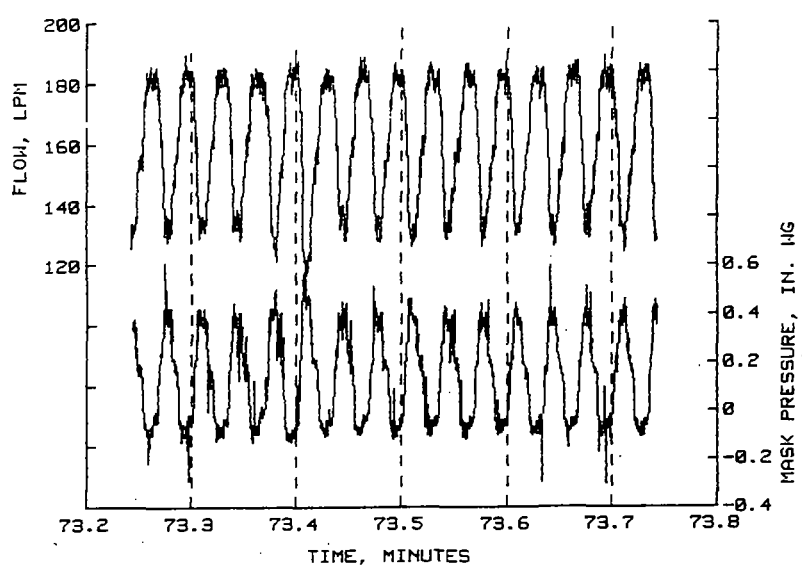
Figure 16. (Continued)



(a) flow of 4 cfm

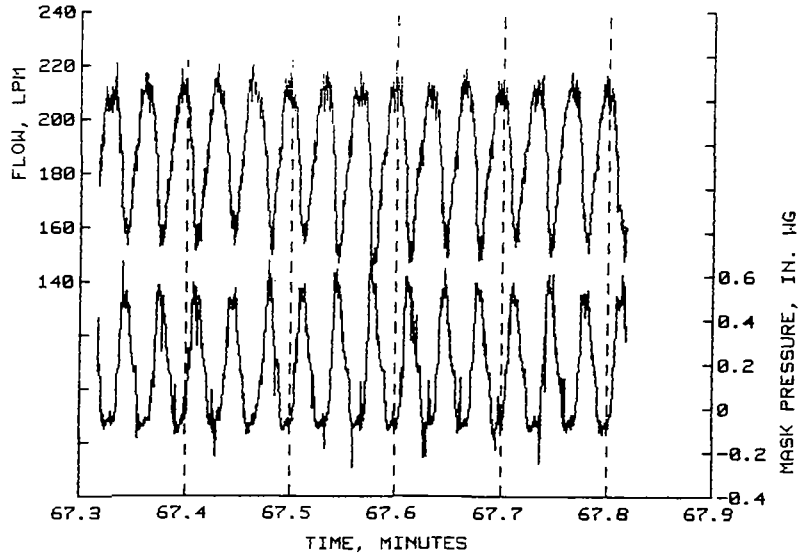


(b) flow of 5 cfm

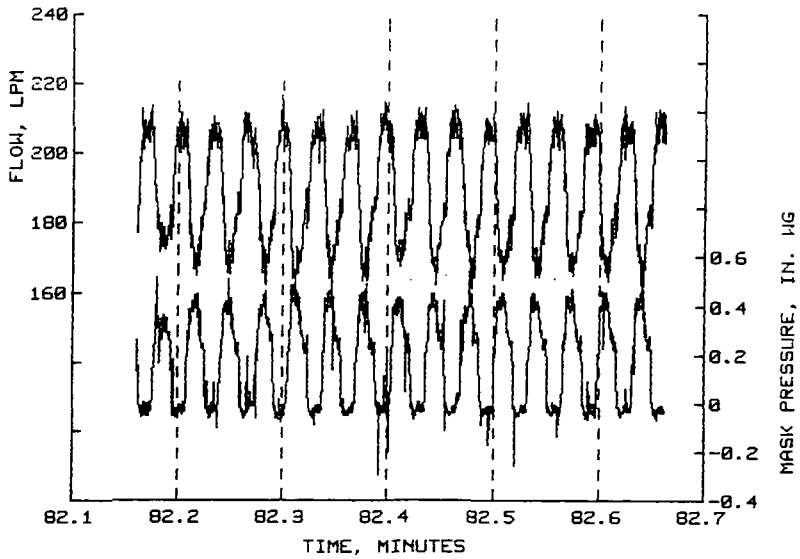


(c) flow of 6 cfm

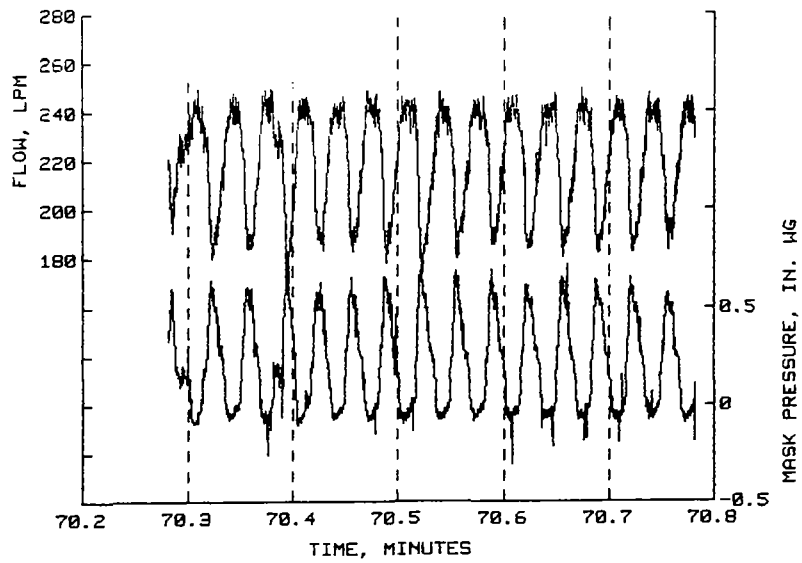
Figure 17. Pressure and flow vs time, Racal helmet PAPR, Subject KCY, full beard.



(d) flow of 7 cfm



(e) flow of 7 cfm (repeat)



(f) flow of 8 cfm

Figure 17. (Continued)

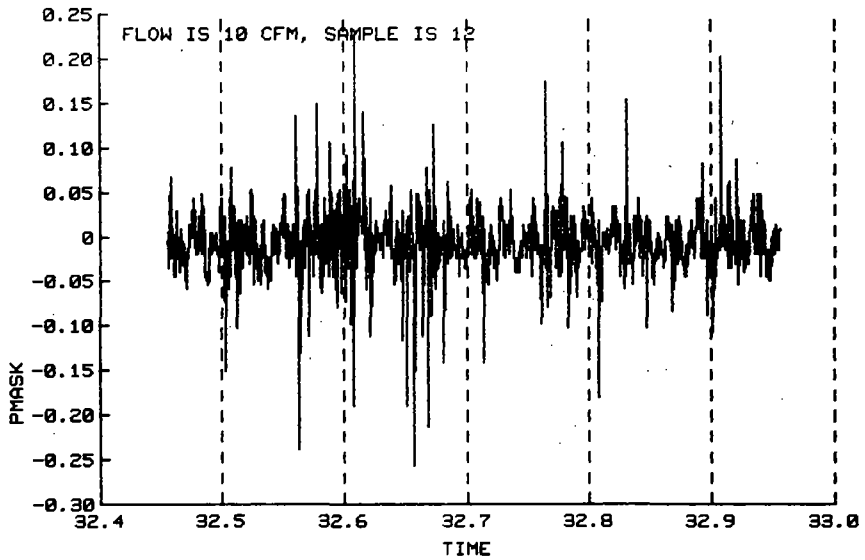


Figure 18. Typical plot of pressure vs time for 3M Helmet PAPR.

JTP/bs

Date : March 24, 1988

To : George Hess
ENSV/EP&R/FIRE

From : Edward J. Skowronski
Senior Regional Representative
ATSDR

Subject: Martha C. Rose Inventory

You had requested advice from the ATSDR on the recommended level of protection for personnel involved in an inventory of the building at the Martha C. Rose Site located in Holden, Missouri. This activity was to be of a very short duration. I discussed this specific situation with Dr. Mark McClanahan of the Agency for Toxic Substances and Disease Registry in Atlanta, Georgia.

The Rose Site was contaminated with very high levels of PCBs on the interior of the building to be inventoried. You provided me with air sampling data that I shared with Dr. McClanahan. It was the opinion of the ATSDR, that the pathways of exposure that were of concern to human health during the short inventory activity only, would naturally be direct contact with contaminated surfaces and inhalation. It was, therefore, recommended that skin protection and respiratory protection were necessary for worker safety. It was fealt that this could be accomplished for this short, one-time activity by utilizing Tyvec suits and air purifying respirators with belt mounted high efficiency particulate cannisters. PCBs are very susceptible to carbon filtration. The ATSDR recognizes that air purifying respirators do not provide the protection efficiency of positive pressure supplied air systems, and would not advice against their use is this or similar situations. The wearer under either system must have been properly FIT tested and received the appropriate medical examinations.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

EDISON, NEW JERSEY 08837

December 31, 1987

MEMORANDUM

SUBJECT: Air Sampling and Analysis Performed at the Martha C. Rose Chemical Company Site, Holden, Missouri

FROM: Philip R. Campagna, Chemist
Environmental Response Team

TO: George R. Hess, On-Scene Coordinator
Emergency Planning and Response Branch
Region VII

On November 2nd and 3rd, air samples were collected at the Martha C. Rose Chemical Co. site for polychlorinated biphenyls. The air samples were collected in accordance with NIOSH Method 5503. On November 2, 1987, air samples were collected at six locations in the warehouse for 210 minutes at a flow rate of 0.2 liters per minute. On November 3, 1987, samples were collected at eight locations for 480 minutes at a follow rate of 0.2 liters per minute. The sampling points are shown on the attached map for both days. The sampling on the 3rd was conducted from 11:00 PM on the 2nd to 7:00 AM on the 3rd. The temperature was approximately 70 degrees F during the daytime sampling, and approximately 62 degrees during the night time sampling.

All the samples were analyzed by REAC at ERT's laboratory following NIOSH method 5503. The results from the analysis are attached.

If you have any questions concerning the sampling or the analysis, please contact me at FTS 340-6689.

Attachment

Analytical Report

Martha Rose Site
Kansas City, MO

November 20, 1987

EPA Work Assignment Number: 0-48
Weston Work Order: 3347-01-01-1048
EPA Contract Number: 68-03-3482

Submitted to:
P. Campagna
EPA-ERT

Brian E Brass — 11/23/87
Brian Brass — Date
Task Leader

Analysis by:
S. M. Kupiec

James Chang — 11/23/87
James Chang — Date
Sampling and Analysis Section Chief

Prepared by:
S. M. Kupiec

Michael A. Skirka — 11/20/87
Michael A. Skirka — Date
QA/QC Officer

Reviewed by:
J. J. Giga

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Section IV

Chain Of Custody Records

INTRODUCTION

On November 4, 1987, fifteen florisil tube samples were received from the Martha Rose Site in Kansas City, MO. The analysis requested was polychlorinated biphenyls by NIOSH method 5503.

PROCEDURE

The samples were analyzed according to NIOSH method 5503, which can be summarized as follows:

The front section, plug, and filter of each tube were put into 5 ml of hexane and allowed to digest for twenty minutes with occasional agitation. The +rear section of the tube and two plugs were similarly digested in 2ml of hexane. These samples were then ready to be analyzed by ECD-GC.
The full procedure can be found in Section III.

The column conditions were are follows:

Temperature 1 - 190°C (isothermal)
Time - 30 minutes
Column - 3% SP-2100 on 100/120 mesh
Flow - 30 mL per minute Argon Methane

A standard curve from 10 ug/L to 500 ug/L was analyzed and the linear regression calculated.

The results of the analysis appear on Table 1.

Table 1. Results of PCBs in Air

(concentrations reported as total ug and mg/m³ of Aroclor 1242)

Sample Number	Total ug	mg/m³
R1A	14.9	0.354
R2A	24.0	0.573
R3A	13.6	0.322
R4A	8.03	0.191
R5A	17.7	0.402
R5AD	16.4	0.374
R6A	74.4	1.77
R1B	20.5	0.214
R2B	23.6	0.246
R3B	33.6	0.350
R4B	30.3	0.316
R5B	40.8	0.424
R6B	349	3.64
R7B	47.8	0.497
R8B	60.1	0.626

QA/QC PROCEDURE

Three florisil tubes from the same lot number as the samples were spiked at the 500 ng level, to achieve a 100 ug/L concentration in the sample extract. These were extracted and analyzed in the same manner as the samples, and the recoveries ranged from 84% to 116%. The results are presented in Table 2.

EMSL 1184, Aroclor 1242, was analyzed on 11/9/87 and 11/11/87. The percent recoveries were 112 and 89.9%, respectively

Table 2. Results of Spike on Florisil Tubes

(concentrations reported as total ng)

Spike No.	Amount Recovered	Spiked Amount	% Recovery
1	581.5	500	116
2	529.5	500	106
3	420	500	84

Table 3. Results of EMSL 1184 Analysis

(concentrations reported as ug/L)

Analysis Date	Amount Recovered	Theoretical Amount	% Recovery
11/9/87	56.3	50	112
11/11/87	44.9	50	89.8

POLYCHLOROBIPHENYLS

FORMULA: mixture: $C_{12}H_{10-x}Cl_x$
[where x = 1 to 10]
M.W.: ca. 258 (42% Cl ; $C_{12}H_7Cl_2$)
ca. 326 (54% Cl ; $C_{12}H_5Cl_5$)

METHOD: 5503
ISSUED: 2/15/84

OSHA: 1 mg/m³ (42% Cl);
0.5 mg/m³ (54% Cl)
NIOSH: 0.001 mg/m³ [1,2]
ACGIH: 1 mg/m³ (42% Cl); STEL 2 mg/m³
0.5 mg/m³ (54% Cl); STEL 1 mg/m³
(skin)

PROPERTIES: 42% Cl: BP 325 to 366 °C; MP -19 °C;
d 1.38 g/mL @ 25 °C;
VP 0.01 Pa (8 x 10^{-5} mm Hg;
1 mg/m³) @ 20 °C [3]
54% Cl: BP 365 to 390 °C; MP 10 °C;
d 1.54 g/mL @ 25 °C;
VP 0.0004 Pa (3 x 10^{-6} mm Hg;
0.05 mg/m³) @ 20 °C [3]

SYNONYMS: PCB; CAS #1336-36-3; 1,1'-biphenyl chloro (CAS #27323-18-8); chlorodiphenyl, 42% Cl (Aroclor 1242; CAS #53469-21-9), and 54% Cl (Aroclor 1254; CAS #11097-69-1)

SAMPLING

SAMPLER: FILTER + SOLID SORBENT
(13-mm glass fiber + Florisil,
100 mg/50 mg)

FLOW RATE: 0.05 to 0.2 L/min

VOL-MIN: 1 L @ 0.5 mg/m³
-MAX: 50 L

SHIPMENT: transfer filters to
glass vials after sampling

SAMPLE STABILITY: unknown for filters;
2 months for Florisil
tubes [4]

BLANKS: 2 to 10 field blanks per set

ACCURACY

RANGE STUDIED: not studied

BIAS: none identified

OVERALL PRECISION (s_r): not evaluated

MEASUREMENT

TECHNIQUE: GAS CHROMATOGRAPHY, ECD (^{63}Ni)

ANALYTE: polychlorobiphenyls

DESORPTION: filter + front section, 5 mL hexane;
back section, 2 mL hexane

INJECTION VOLUME: 4 µL with 1-µL backflush

TEMPERATURE-INJECTION: 250 - 300 °C
-DETECTOR: 300 - 325 °C
-COLUMN: 180 °C

CARRIER GAS: N_2, 40 mL/min

COLUMN: glass, 1.8 m x 2 mm ID, 1.5% OV-17/1.95%
QF-1 on 80/100 mesh Chromosorb WHP

CALIBRATION: commercial PCB mixture in hexane

RANGE: 0.4 to 4 µg per sample [5]

ESTIMATED LOD: 0.03 µg per sample [5]

PRECISION (s_r): 0.044 [4]

APPLICABILITY: The working range is 0.01 to 10 mg/m³ for a 40-L air sample [4].

INTERFERENCES: Chlorinated pesticides, such as DDT and DDE, may interfere with quantitation of PCB. Sulfur-containing compounds in petroleum products also interfere [6].

OTHER METHODS: This method combines and replaces Methods S120 [7] and P&CAM 244 [4]. Methods S121 [8] and P&CAM 253 [9] for PCB have not been revised.

REAGENTS:

1. Hexane, pesticide quality.
2. Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
3. Nitrogen, purified.
4. Stock standard solution of the PCB in methanol or isooctane (commercially available).*

*See Special Precautions.

EQUIPMENT:

1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6 mm OD, 4 mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
3. Tweezers.
4. Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps.
5. Gas chromatograph, electron capture detection (^{63}Ni), integrator and column (page 5503-1).
6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
7. Syringe, 10-µL.

SPECIAL PRECAUTIONS: Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [1,2,10].

SAMPLING:

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the sampler immediately before sampling. Attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 L.
4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:

5. Place the glass wool and 100-mg Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.
6. In a 4 mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
7. Allow to stand 20 min with occasional agitation.

CALIBRATION AND QUALITY CONTROL:

8. Calibrate daily with at least five working standards over the range 10 to 500 ng PCB/mL.
   a. Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
   b. Analyze together with samples and blanks (steps 10 and 11).
   c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB/mL).
9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
   a. Remove and discard back sorbent section of a media blank Florisil tube.
   b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
   c. Cap the tube. Allow to stand overnight.
   d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
   e. Prepare a graph of DE vs. ng PCB recovered.
10. Analyze three quality control blind spikes and three analyst spikes to insure that the calibration graph and DE graph are in control.

MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.
    NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [11].
    NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
12. Sum the areas for five or more selected peaks.

CALCULATIONS:

13. Determine the mass, ng (corrected for DE) of PCB found on the glass fiber filter (W) and in the Florisil front (W_f) and back (W_b) sorbent sections, and in the average media blank filter (B) and front (B_f) and back (B_b) sorbent sections.
    NOTE: If $W_b > W_f/10$, report breakthrough and possible sample loss.
14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W+W_f + W_b - B-B_f - B_b)\cdot 10^{-3}}{V}, \text{ mg/m}^3.$$

EVALUATION OF METHOD:

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method S120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [7,12,13]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [4]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m³ Aroclor 1016 [4].

REFERENCES:

[1] Criteria for a Recommended Standard...Occupational Exposure to Polychlorinated Biphenyls, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-225 (1977).
[2] Current Intelligence Bulletin 7, Polychlorinated Biphenyls (PCBs), U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-127 (1975).

[3] Hutzinger, O. S. Safe and V. Zitko. The Chemistry of PCBs, CRC Press, Inc., Cleveland, OH (1974).
[4] NIOSH Manual of Analytical Methods, 2nd. ed., V. 1, P&CAM 244, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-A (1977).
[5] User check, Southern Research Institute, NIOSH Sequence #4121-U (unpublished, January 25, 1984).
[6] Hofstader, R. A., C. A. Bache, and D. J. Lisk. Bull. Environ. Contam. Toxicol., 11:136 (1974).
[7] NIOSH Manual of Analytical Methods, 2nd ed., V. 4, S120, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-175 (1978).
[8] Ibid, V. 2, S121, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B (1977).
[9] Ibid, Vol. 1, P&CAM 253.
[10] Occupational Diseases, A Guide to Their Recognition, revised ed., 255-256, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-181 (1978).
[11] Dunker, J. C. and M. T. J. Hillebrand. Characterization of PCB Components in Clophen Formulations by Capillary GC-MS and GC-ECD Techniques, Environ. Sci. Technol., 17 (8), 449-456 (1983).
[12] Backup Data Report for S120, prepared under NIOSH Contract 210-76-0123, available as "Ten NIOSH Analytical Methods, Set 2," Order No. PB 271-464 from NTIS, Springfield, VA 22161.
[13] NIOSH Research Report-Development and Validation of Methods for Sampling and Analysis of Workplace Toxic Substances, U.S. Department of Health and Human Services, Publ. (NIOSH) 80-133 (1980).

METHOD REVISED BY: James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

Table 1. Composition of some Aroclors [3].

Major Components	Aroclor 1016	Aroclor 1242	Aroclor 1254
Biphenyl	<0.1%	<0.1%	<0.1%
Monochlorobiphenyls	1	1	<0.1
Dichlorobiphenyls	20	16	0.5
Trichlorobiphenyls	57	49	1
Tetrachlorobiphenyls	21	25	21
Pentachlorobiphenyls	1	8	48
Hexachlorobiphenyls	<0.1	1	23
Heptachlorobiphenyls	none detected	<0.1	6
Octachlorobiphenyls	none detected	none detected	none detected

Calibration Curve - Aroclor 1242

Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
10 ppb	11/9	2	71	4	2.64	9	3.39	11	3.76	8			28	28				
25 ppb		3	72	4		16	1	20		14			50	50				
50 ppb		108	68	4		29		36		23			88	88				
100 ppb		109	69	4		57		67		44			168	168				
200 ppb		5	65	6		28		33		22			83	332				
500 ppb	11/10		51	6		65		75		54			194	776				
100 ppb	11/10	13 ~~4~~	82	5		27		33.5		23			835	167				

Daily Standards

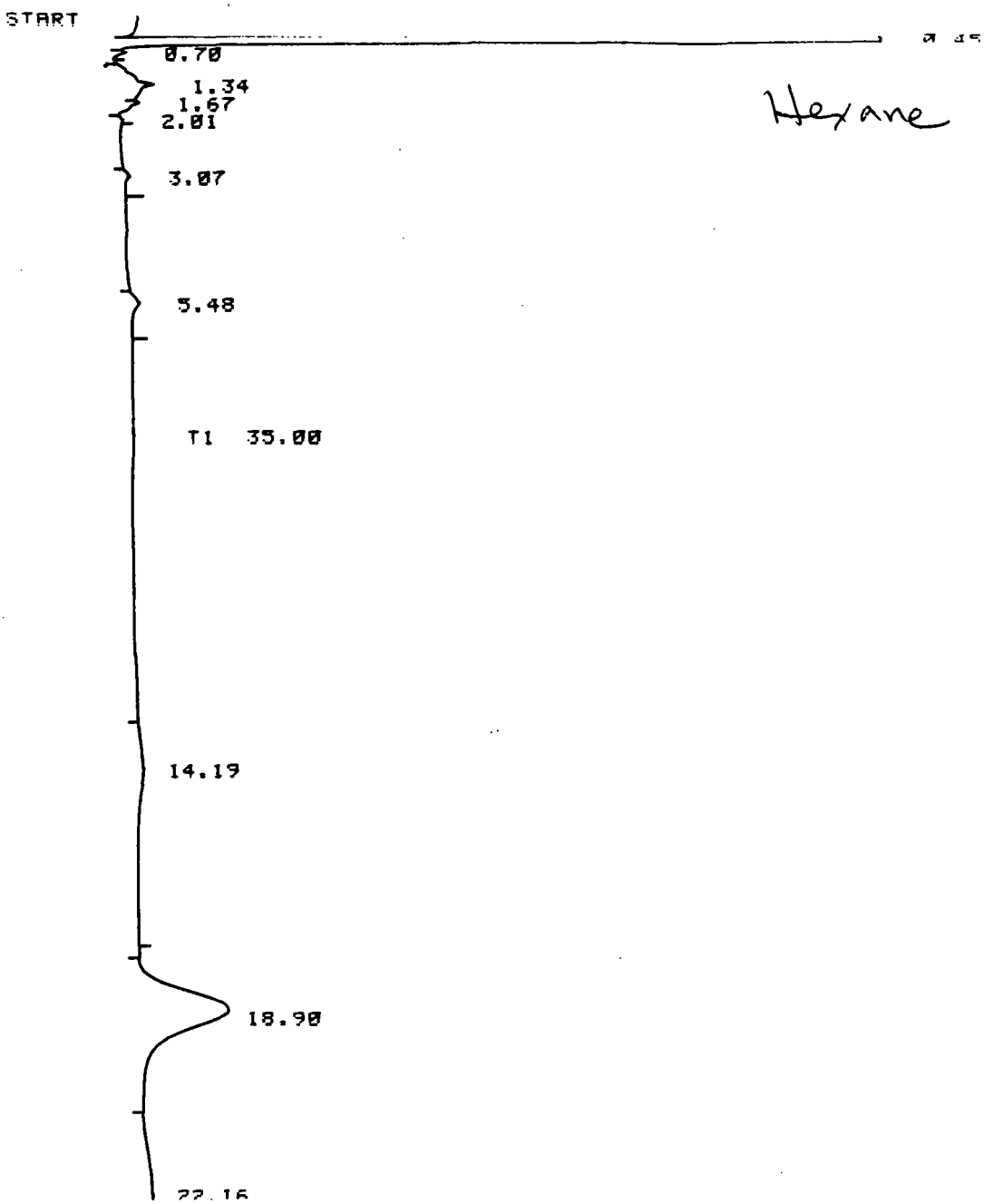
Corr. = 0.99987 for 10ug/L to 200ug/L

* corr. = 0.99979 for 10ug/L to 500ug/L

* used

Slope = 1.53

Intercept = 14.46



HP RUN # 1 NOV/11/87 TIME 15:30:18
ID:167823 BOTTLE 20
AREA %

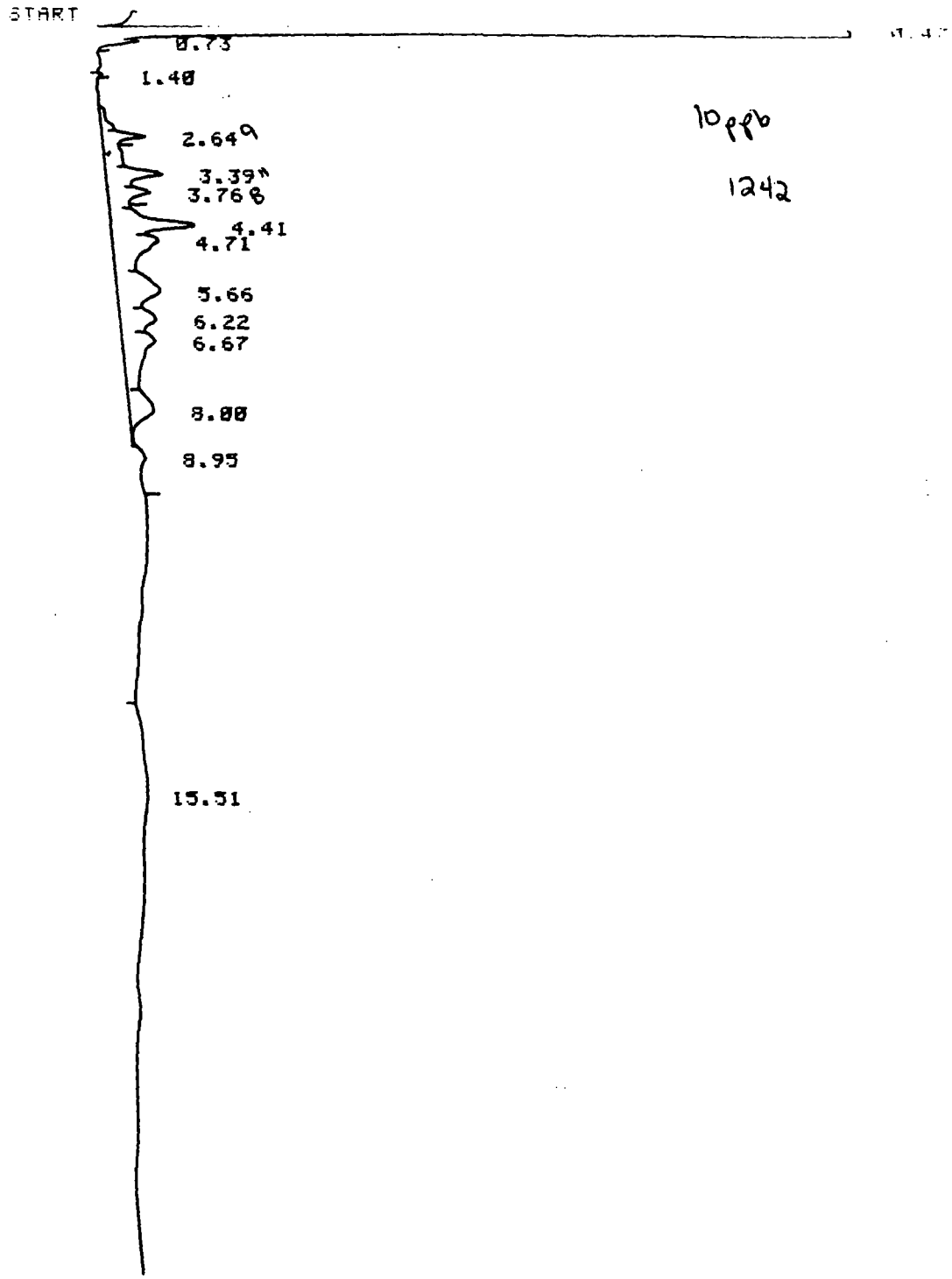
RT	AREA	AREA %
0.45	66620	52.410
0.70	242	0.190
1.34	4465	3.513
1.67	1112	0.875
2.01	94	0.074
3.07	234	0.184
5.48	648	0.510
14.19	2260	1.778
18.90	25350	19.943
22.16	4543	3.574
24.11	21010	16.529
29.12	535	0.421

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625
TROLS CORPORATION BUFFALO NEW YORK GC GC WAI 74703/ 9270 0625



GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9770 0625

004

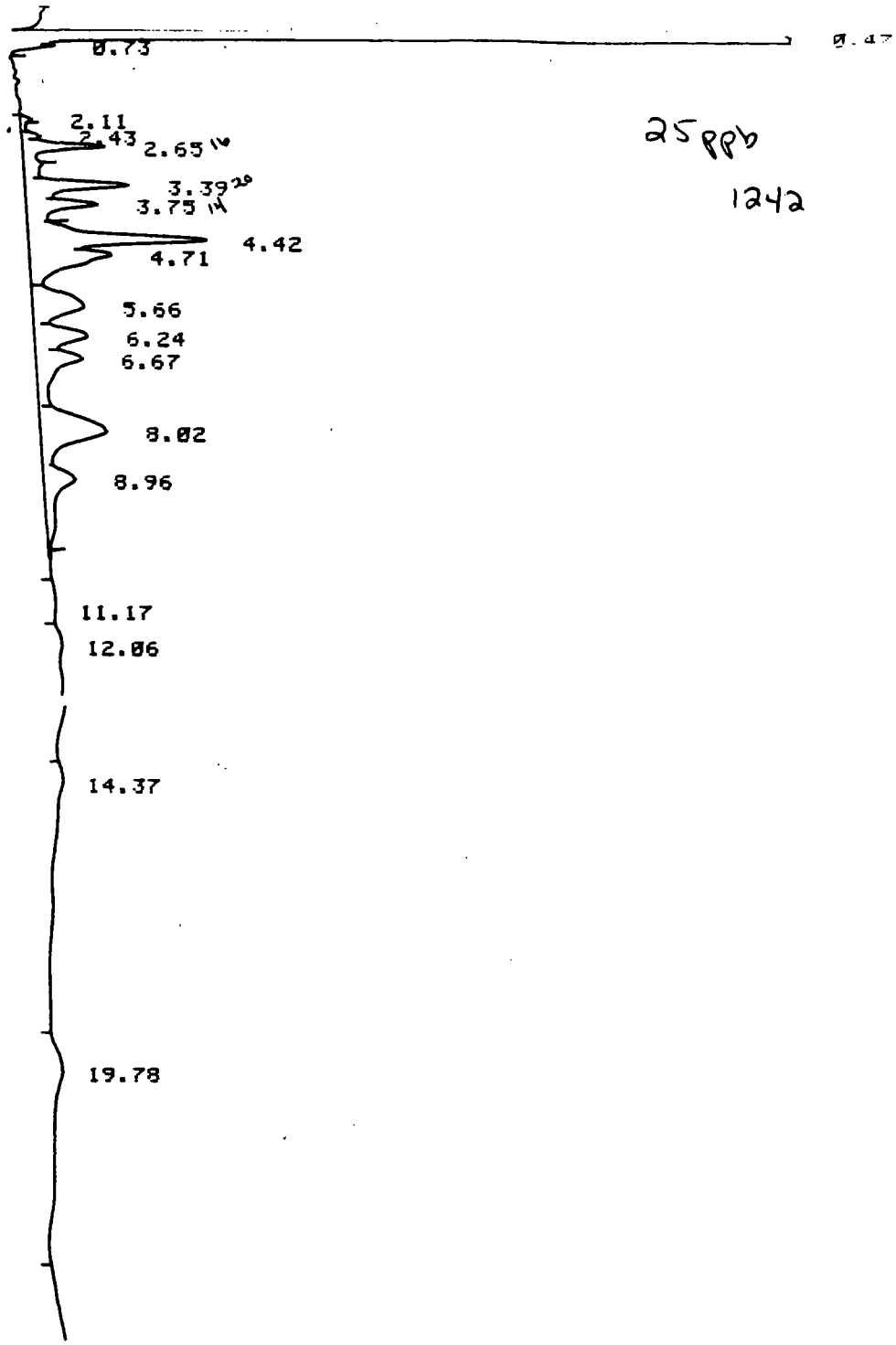
HP RUN # 2 NOV/09/87 TIME 18:49:34
ID:167823 BOTTLE 71
AREA %

RT	AREA	AREA %
0.47	71080	74.847
0.73	668	0.703
1.40	35	0.037
2.64	520	0.548
3.39	857	0.902
3.76	555	0.584
4.41	2380	2.506
4.71	1735	1.827
5.66	2318	2.441
6.22	1563	1.646
6.67	2338	2.462
8.00	1991	2.097
8.95	397	0.418
15.51	8530	8.982

DIL FACTOR: 1.0000 E+ 0

FLOW B 0.0 20.0

START



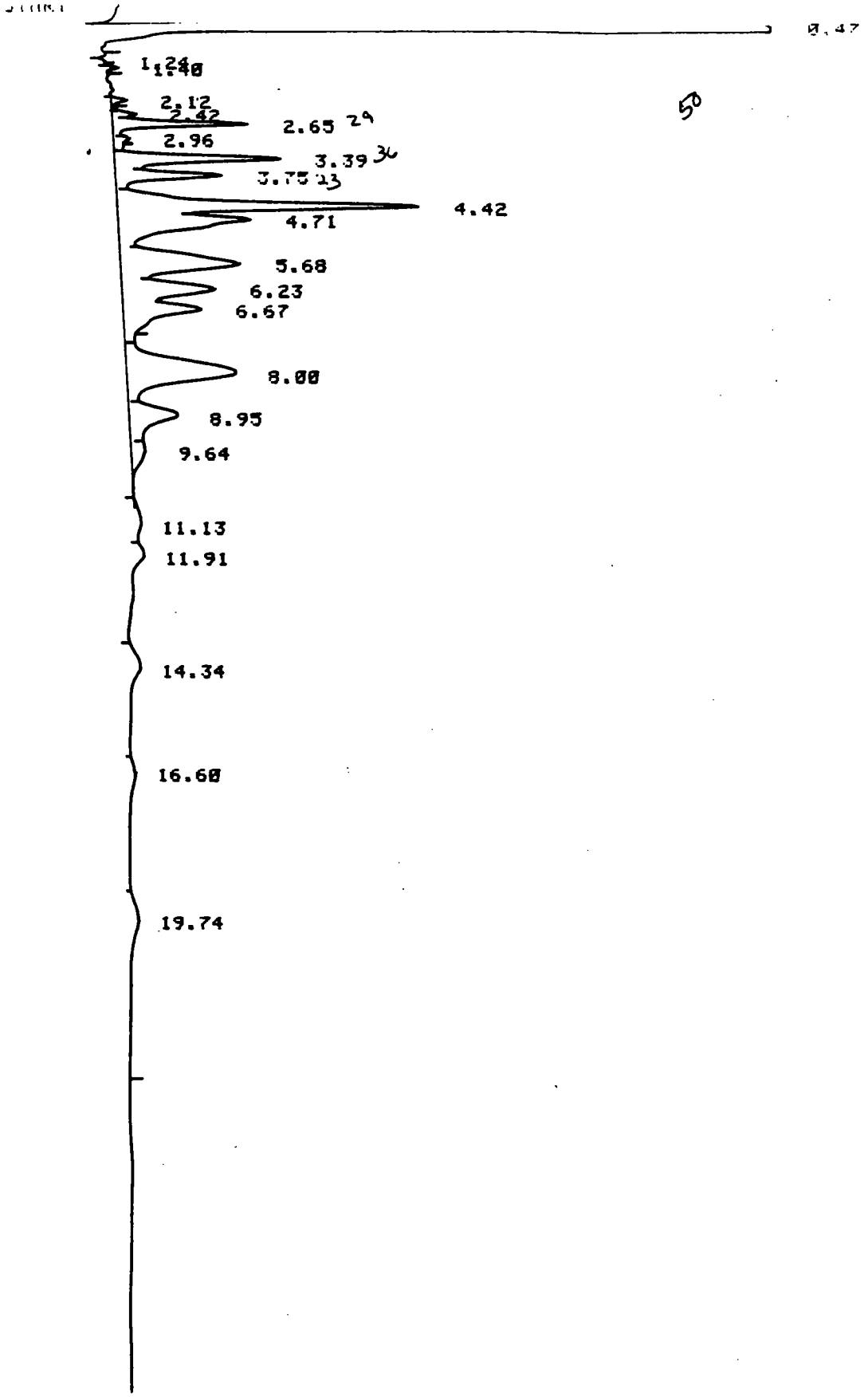
25 ppb

1242

HP RUN # 3 NOV/09/87 TIME 19:18:15
ID:167823 BOTTLE 72
AREA %

RT	AREA	AREA %
0.47	72220	63.896
0.73	662	0.586
2.11	72	0.064
2.43	125	0.111
2.65	1451	1.284
3.39	2106	1.863
3.75	1340	1.186
4.42	5238	4.634
4.71	3120	2.760
5.66	2696	2.385
6.24	2101	1.859
6.67	2067	1.829
8.02	5312	4.700
8.96	2545	2.252
11.17	644	0.570
12.06	3815	3.375

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC WAI 74703/ 9770-0625



112

113

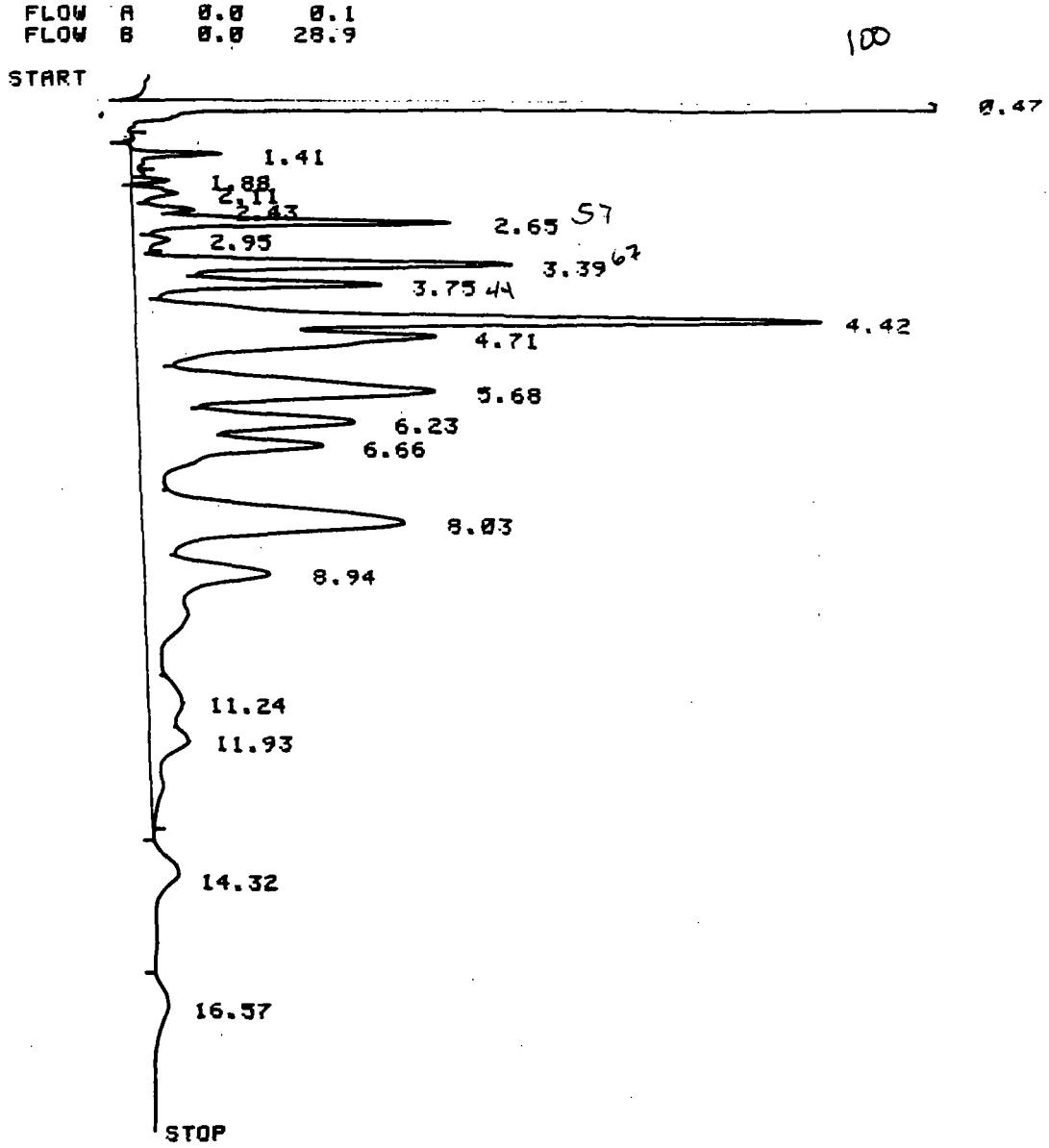
HP RUN # 108 NOV/09/87 TIME 15:13:14
ID:167823 BOTTLE 68
AREA %

RT	AREA	AREA %
0.47	75120	52.179
1.24	33	0.023
1.40	157	0.109
2.12	201	0.140
2.42	368	0.256
2.65	2991	2.078
2.96	151	0.105

GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK GC GC-WAI 74703/ 9270-0625

AUX SGNL +B
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW B 0.0 28.9

100



HP RUN # 109 NOV/09/87 TIME 15:47:32
ID:167823 BOTTLE 69
AREA %

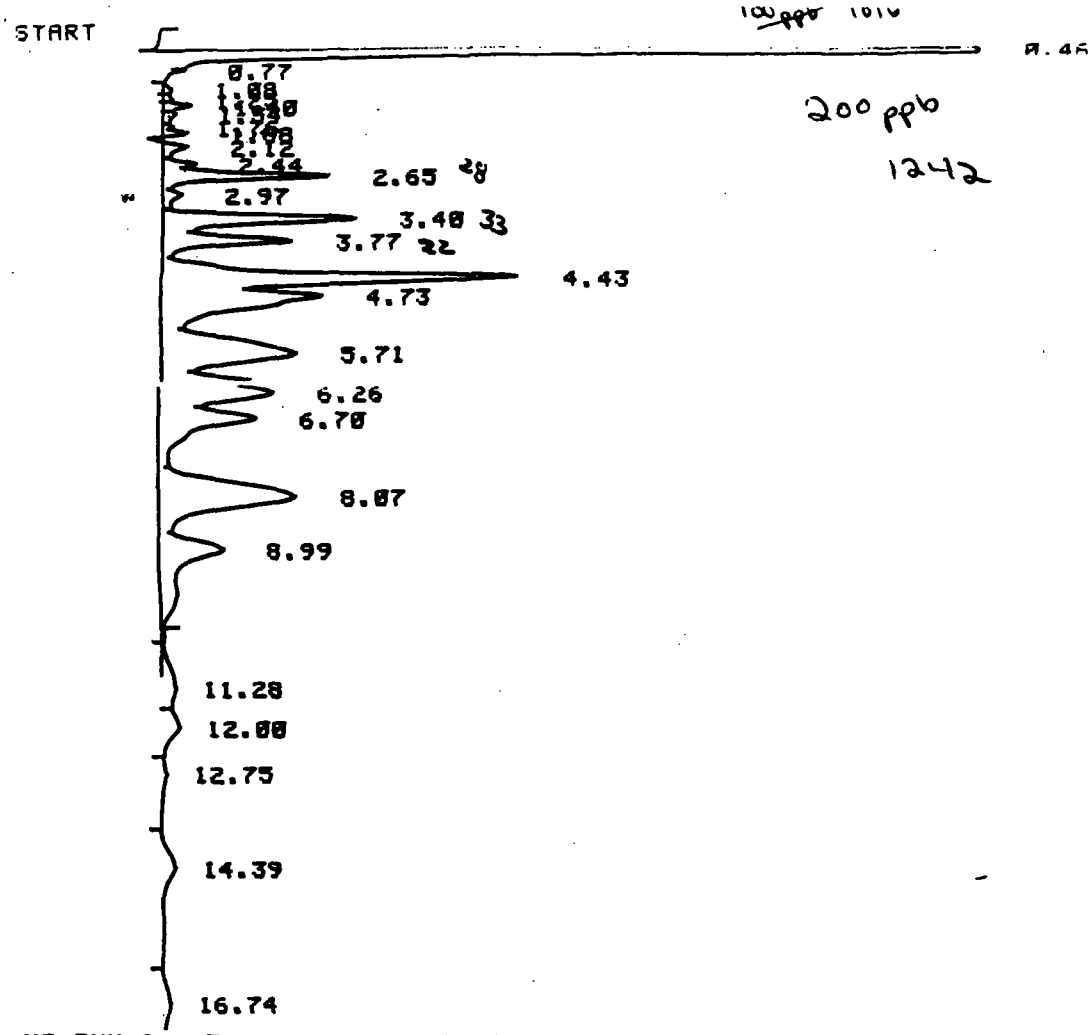
RT	AREA	AREA %
0.47	79860	36.324
1.41	1416	0.644
1.88	340	0.155
2.11	1129	0.514
2.43	1097	0.499
2.65	6127	2.787
2.95	469	0.213
3.39	8906	4.051
3.75	5818	2.646
4.42	21490	9.775
4.71	13820	6.286
5.68	16680	7.587
6.23	9472	4.308
6.66	8990	4.089
8.03	20160	9.170
8.94	11460	5.213
11.24	3892	1.770
11.93	4023	1.830
14.32	2765	1.258
16.57	1941	0.883

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 30.00

GC GC-WAI 74703/ 9270-0625
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK



HP RUN # 5 NOV/09/87 TIME 11:50:03
ID:167823 BOTTLE 65
AREA %

RT	AREA	AREA %
0.46	92680	21.747
0.77	2592	0.608
1.08	1971	0.462
1.25	1502	0.352
1.40	2761	0.648
1.54	2356	0.553
1.76	1395	0.327
1.88	2203	0.517
2.12	3665	0.860
2.44	3738	0.877
2.65	15790	3.705
2.97	4138	0.971
3.40	22370	5.249
3.77	15500	3.637
4.43	48770	11.443
4.73	34700	8.142
5.71	37000	8.682
6.26	22880	5.369
6.70	21630	5.075
8.07	43360	10.174
8.99	20860	4.895
11.28	5413	1.270
12.00	5321	1.249
12.75	1454	0.341
14.39	6106	1.433
16.74	3892	0.913
19.94	2136	0.501

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

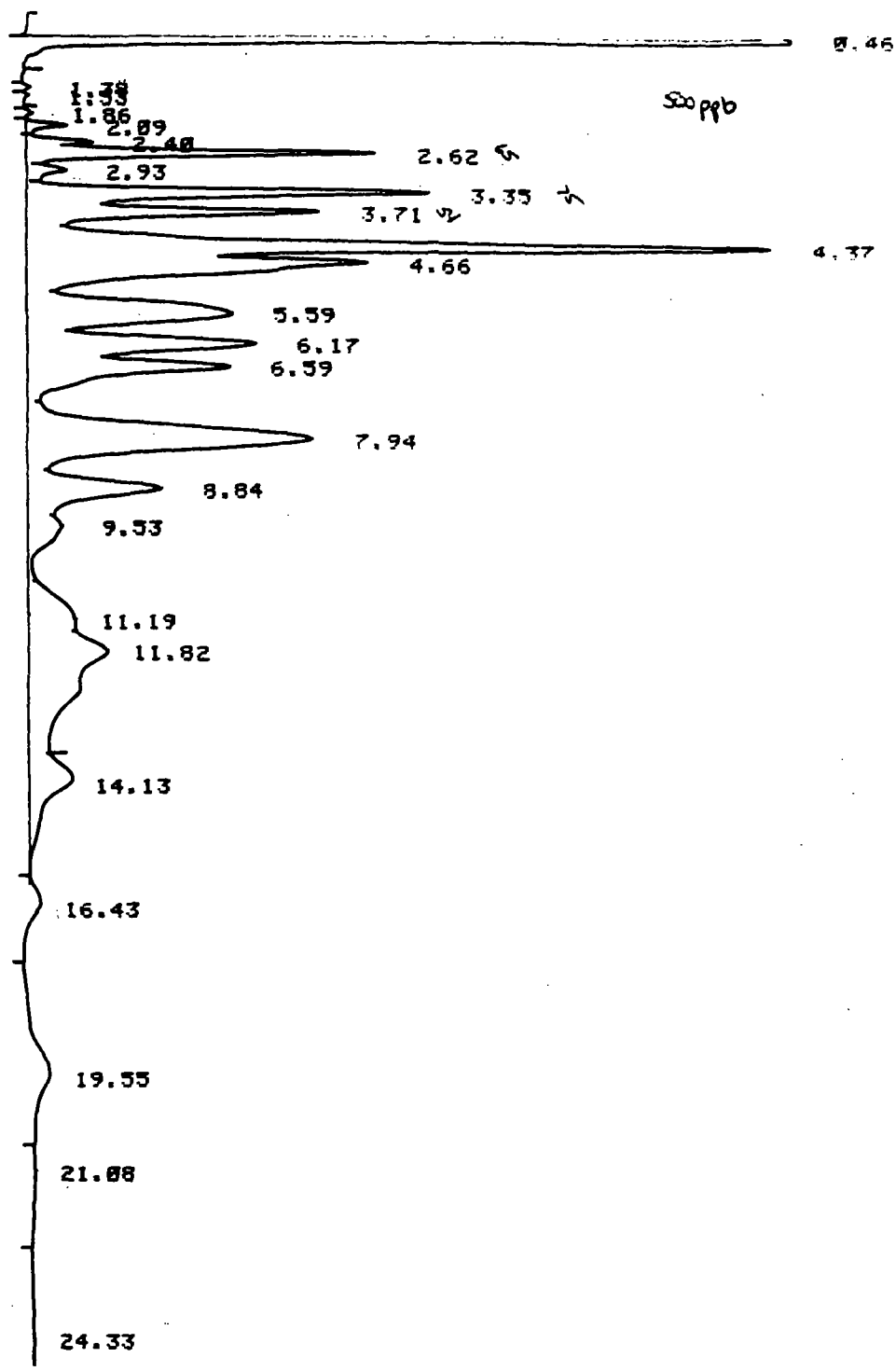
TEMP1	400	190	190
TIME1	30.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD 1.00

GRAPHIC CONTROLS CORPOR

FLOW 8 0.0 29.0

START



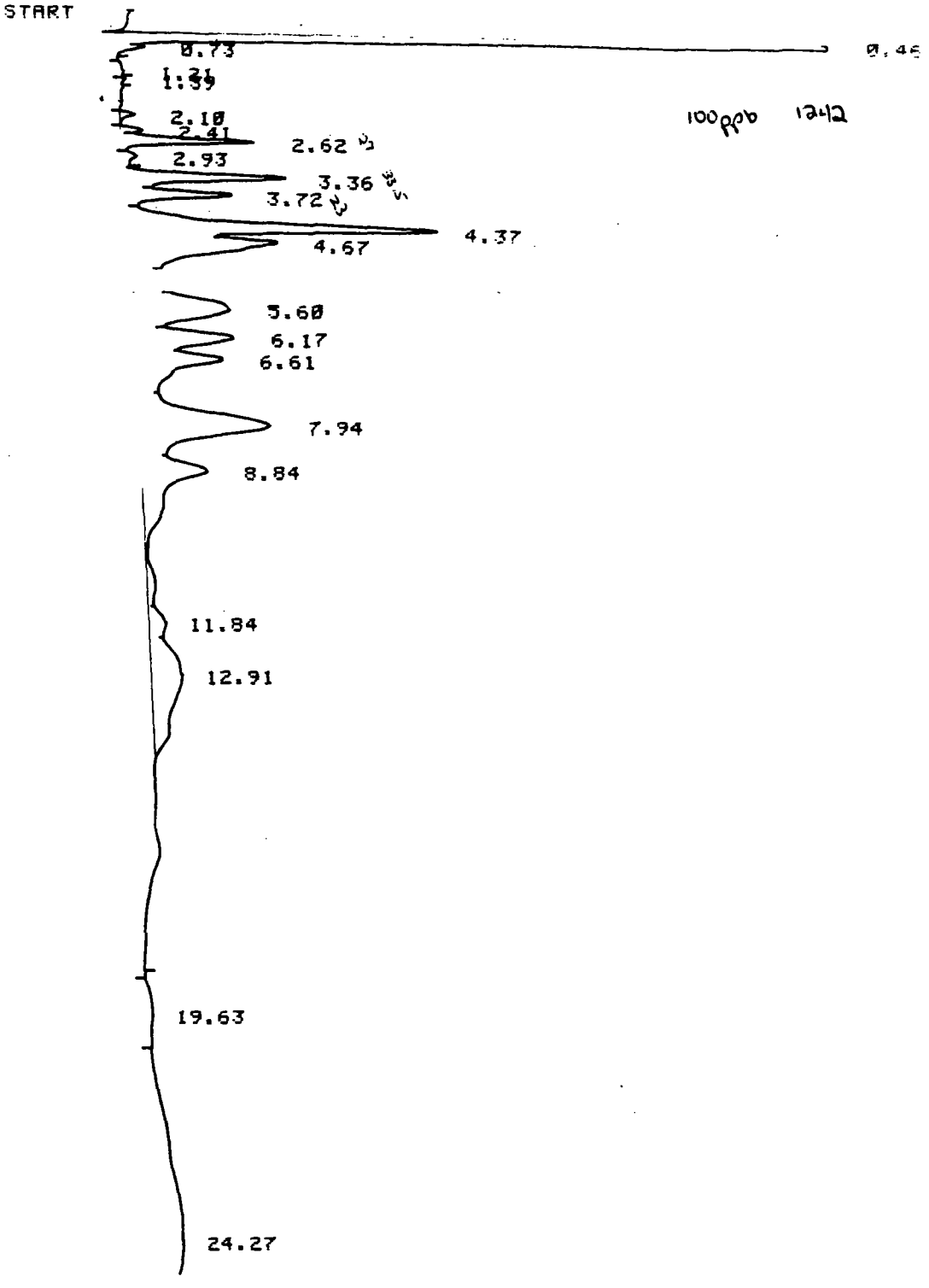
HP RUN # 2 NOV/10/87 TIME 13:12:22
ID:167823 BOTTLE 51
AREA %

RT	AREA	AREA %
0.46	103600	13.264
1.38	317	0.041
1.53	242	0.031
1.86	340	0.044
2.09	2986	0.382
2.40	4813	0.616
2.62	30320	3.882
2.93	4644	0.595
3.35	45210	5.788
3.71	34710	4.444
4.37	106500	13.636
4.66	69960	8.957
5.59	58020	7.428
6.17	44370	5.681
6.59	42740	5.472
7.94	90840	11.631
8.84	32820	4.202

051

TO NEW YORK GC GC-MAI 74703/ 9270-0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-MAI 74703/ 9270-0625

FLOW A 0.0 0.1
FLOW B 0.0 29.1



100ppb 1242

HP RUN # 13 NOV/10/87 TIME 00:11:08
ID:167823 BOTTLE 82
AREA %

RT	AREA	AREA %
0.46	75320	26.900
0.73	1138	0.406
1.21	152	0.054
1.39	64	0.023
2.10	448	0.160
2.41	644	0.230
2.62	5677	2.028
2.93	351	0.125
3.36	8820	3.150
3.72	6065	2.166
4.37	23460	8.379
4.67	19330	6.904

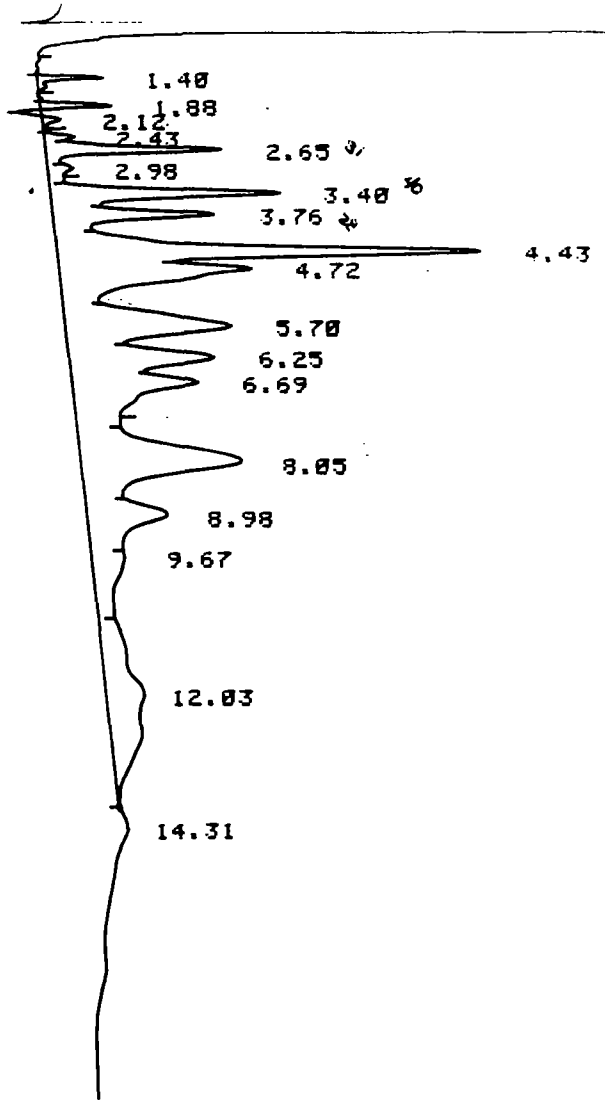
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC WAT 74703/ 9770-0625

Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Emg 1184	11/9		73	4		31		40		28			99	99	56.3			56.3

$$\frac{56.3\ \mu g/L}{50\ \mu g/L} = \cancel{112\ \mu g/L}$$

112% Recovery

SK



EMSL

HP RUN # 4 NOV/09/87 TIME 19:47:14
ID:167823 BOTTLE 73
AREA %

RT	AREA	AREA %
0.47	125400	59.979
1.40	829	0.397
1.88	1014	0.485
2.12	485	0.232
2.43	323	0.154
2.65	3134	1.499
2.98	205	0.098
3.40	5230	2.501
3.76	3910	1.870
4.43	13240	6.333
4.72	7658	3.663
5.70	7674	3.670
6.25	4923	2.355
6.69	4143	1.982
8.05	8756	4.188
8.98	2973	1.422
9.67	775	0.371
12.03	10850	5.190
14.31	5916	2.830
19.89	1637	0.783

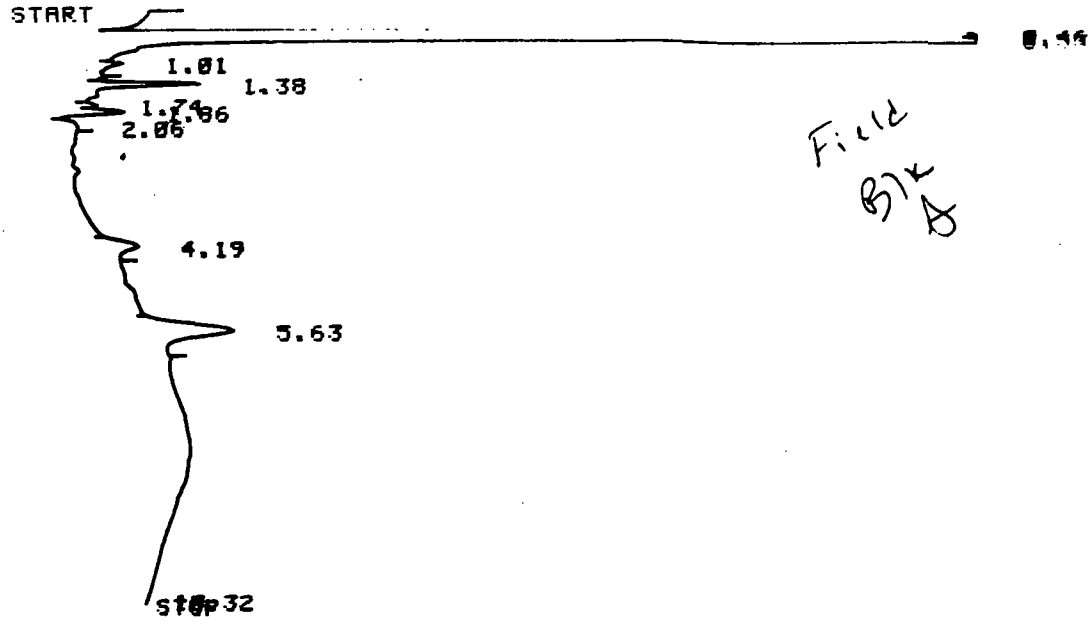
DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	25.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD 1.00
ZERO 15.0
ATTN 2T 4

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK CC GC-WAI 74703/ 9270-0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK



Field Blk A

HP RUN # 7 NOV/10/87 TIME 15:17:47
ID:167823 BOTTLE 55
AREA %

RT	AREA	AREA %
0.46	102100	46.730
0.53	110200	50.438
1.01	282	0.129
1.38	1381	0.632
1.74	302	0.138
1.86	794	0.363
2.06	183	0.084
4.19	626	0.287
5.63	2620	1.199

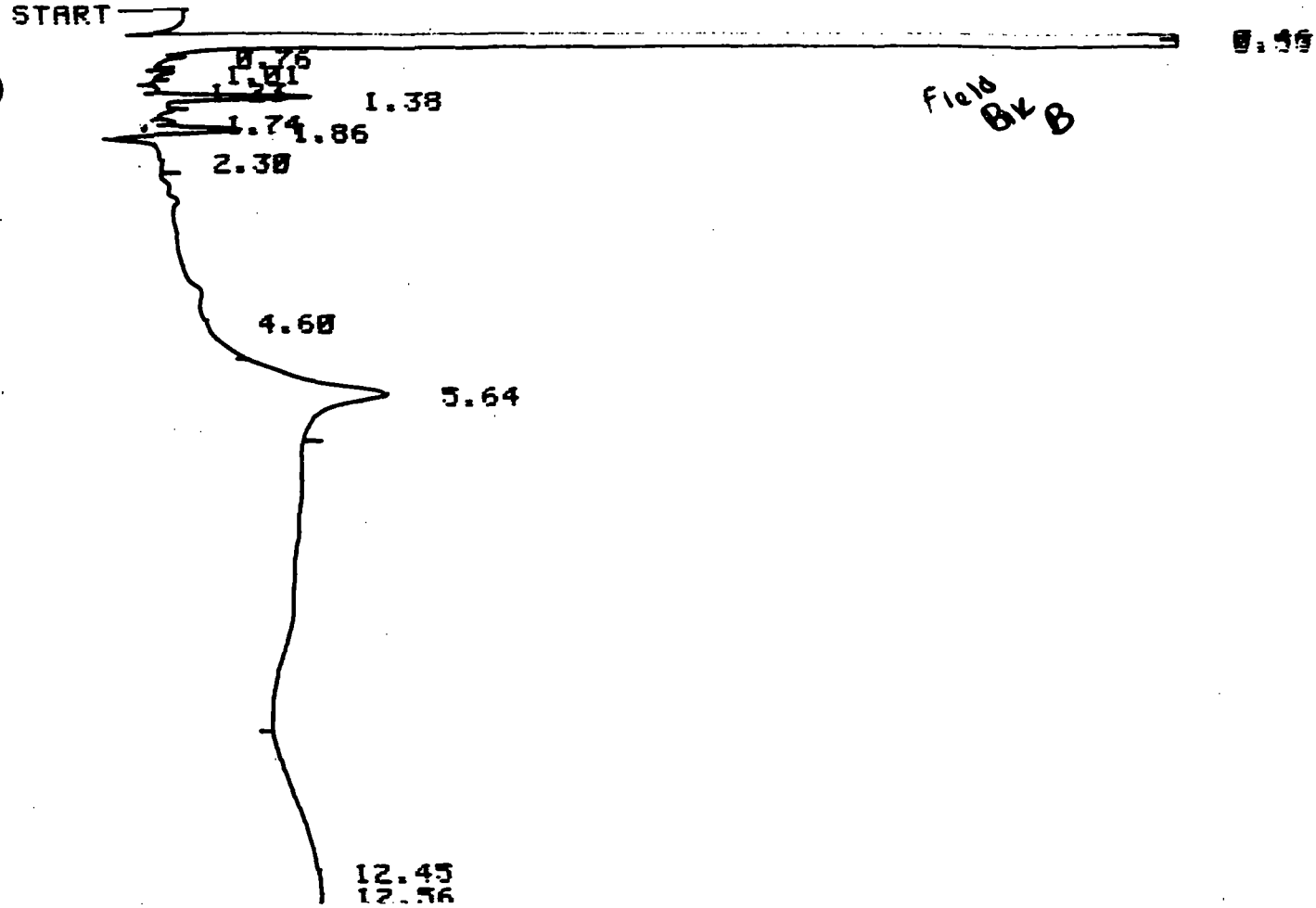
DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	30.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD	1.00	
ZERO	15.0	
ATTN 2↑	4	
AUX SGNL	+B	
SLP SENS	0.10	
AREA REJ		0
FLOW A	0.0	0.1
FLOW B	0.0	29.5

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9770-0625



HP RUN # 8 NOV/10/87 TIME 15:31:38
ID:167823 BOTTLE 56
AREA %

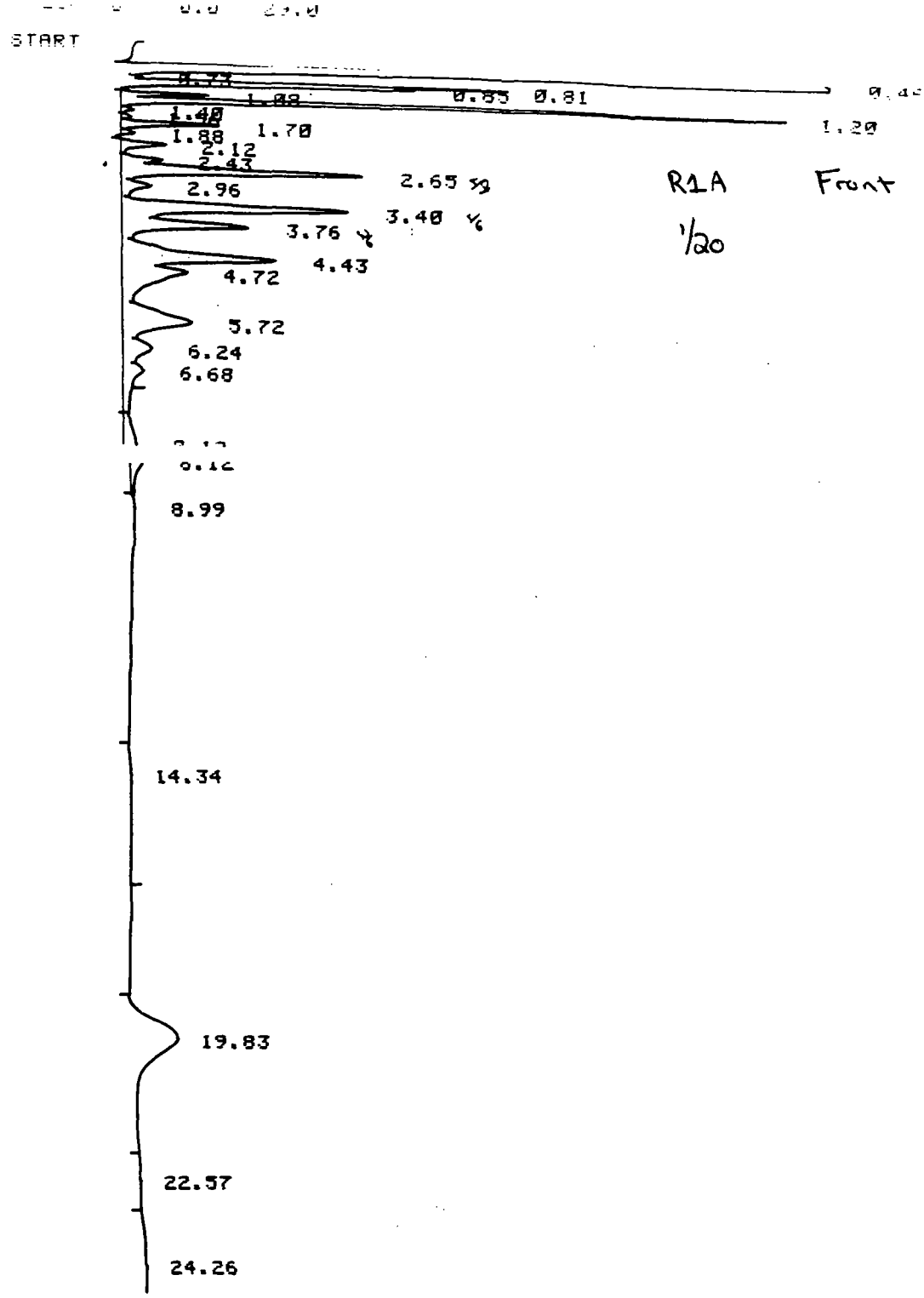
RT	AREA	AREA %
0.46	133800	29.616
0.53	106500	23.573
0.76	377	0.083
1.01	128	0.028
1.23	30	0.007
1.38	1195	0.265
1.74	206	0.046
1.86	1285	0.284
2.30	1075	0.238
5.64	5781	1.280
12.56	4714	1.043
17.72	13600	3.010
23.92	183100	40.528

DIL FACTOR: 1.0000 E+ 0

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R1A	11/9	5	74	5		49		46		26			121	242	148.7	1/20		2974 ug/L
Back	R1A	11/11	4 ~~5~~	23	5		-		-		-			0			—		ND

$$2974\ \mathrm{ug/L} \times .005\ \mathrm{L} = 14.87\ \mathrm{ug\ total}$$

$$\frac{14.87\ \mathrm{ug}}{42\ \mathrm{l\ air\ sampled}} = 0.354\ \mathrm{mg/m^3}$$

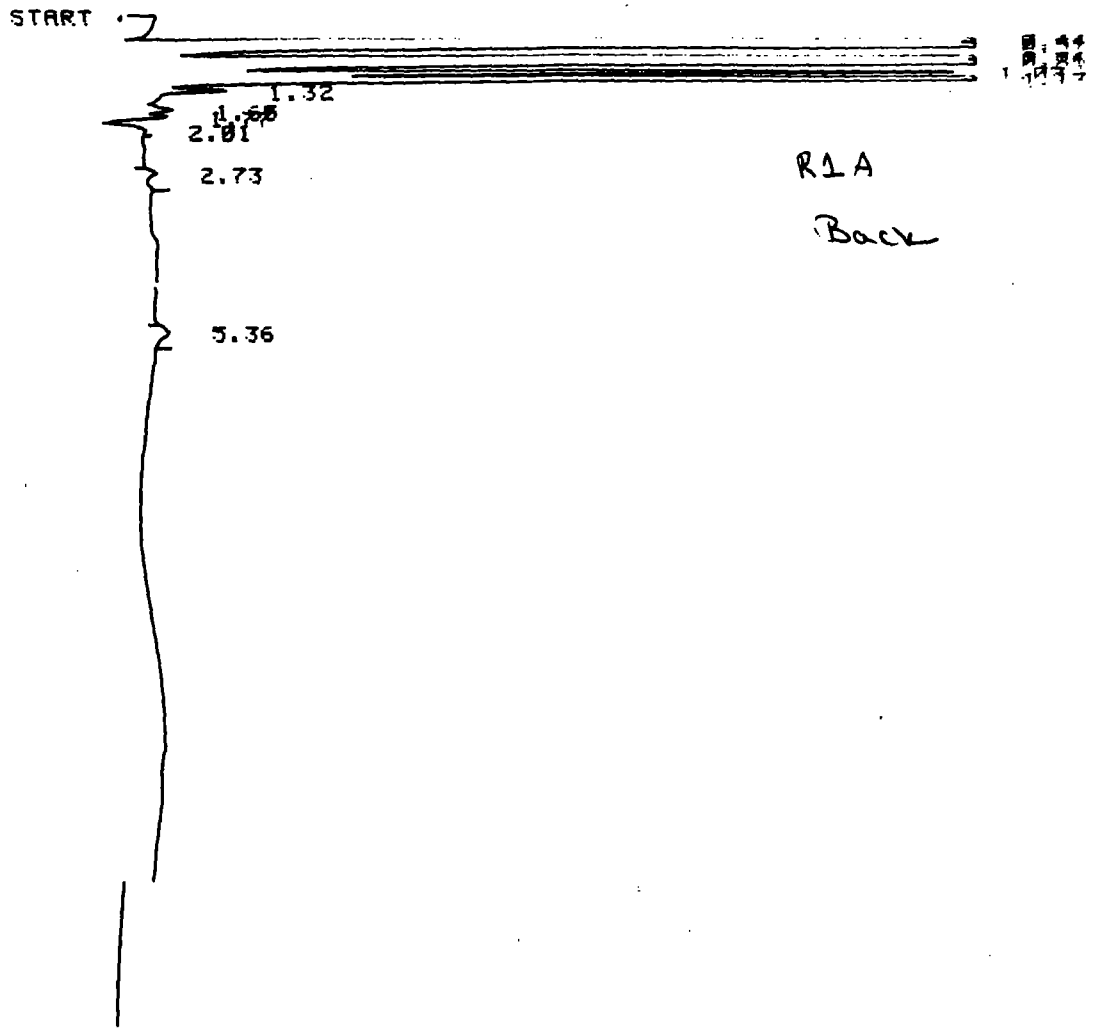


HP RUN # 5 NOV/09/87 TIME 20:16:23
ID:167823 BOTTLE 74
AREA %

RT	AREA	AREA %
0.46	77040	37.695
0.73	427	0.209
0.81	5855	2.865
0.85	4922	2.408
1.08	1766	0.864
1.20	13780	6.742
1.40	429	0.210
1.56	418	0.205
1.70	3037	1.486
1.88	623	0.305
2.12	2168	1.061
2.43	1961	0.960
2.65	11970	5.857
2.96	2786	1.363
3.40	14720	7.202
3.76	8846	4.328
4.43	13720	6.713

9270 0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC-WAI 74703/ 9270 0625

ZERO 15.0
ATTN 2T 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW B 0.0 32.4



HP RUN # 4 NOV/11/87 TIME 17:26:26
ID:167823 BOTTLE 23
AREA %

RT	AREA	AREA %
0.44	165200	21.978
0.51	149400	19.876
0.76	150900	20.076
0.81	179800	23.921
1.02	13820	1.839
1.13	44850	5.967
1.32	4537	0.604
1.65	2319	0.309
1.77	1481	0.197
2.01	726	0.097
2.73	309	0.041
5.36	594	0.079
18.59	23640	3.145
28.80	14070	1.872

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2T 5

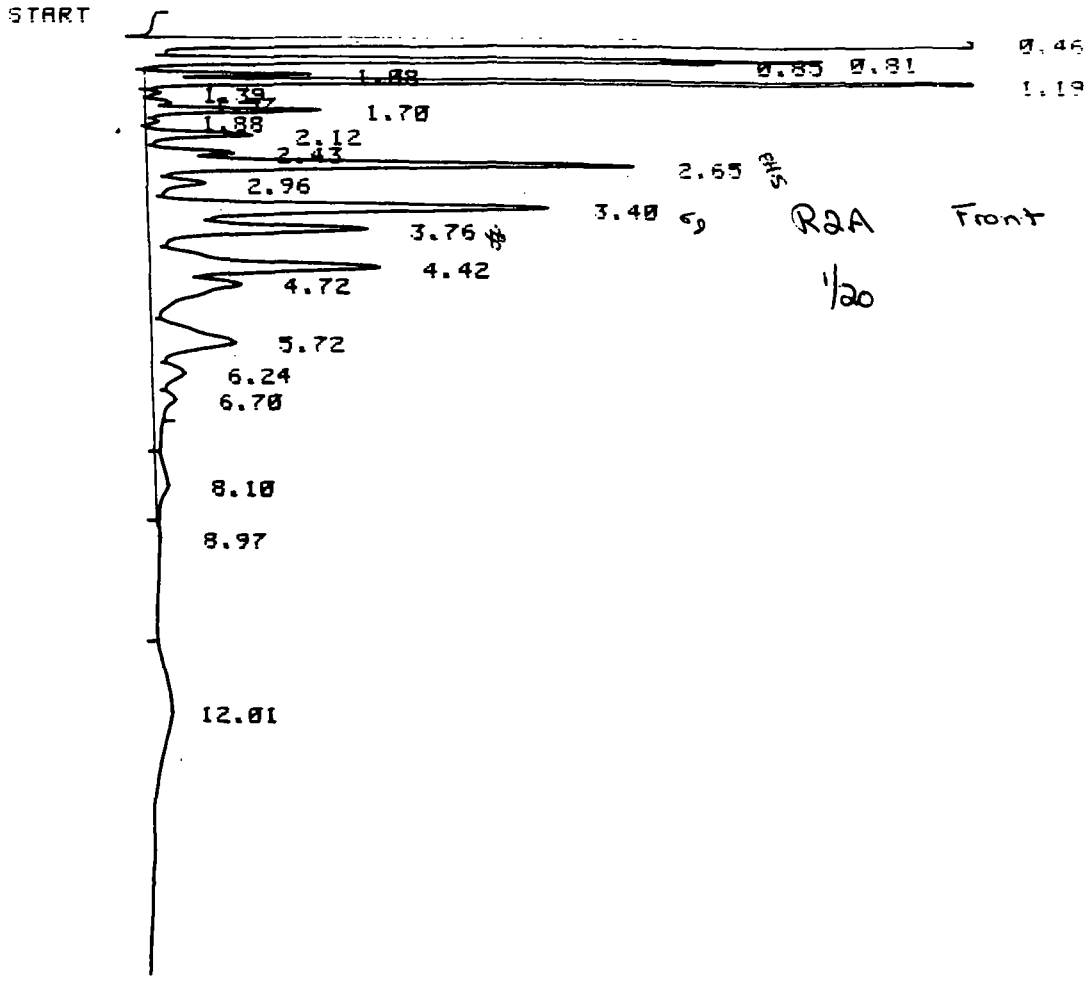
9270-0675
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK

	Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R2A	11/9	6	75	5		81½		69		38			191.5	383	240	1/20		4800
Back	R2A	11/11	5	24	5		–		–		–			0					ND

4800 ug/L x .005 L = 24.0 ug total

24.0 ug / 42 l sampled = 0.573 ~~mg~~ ug/L or 0.573 mg/m³

FLOW A 0.0 0.2
FLOW B 0.0 29.0



HP RUN # 6 NOV/09/87 TIME 20:46:04
ID:167823 BOTTLE 75
AREA %

RT	AREA	AREA %
0.46	80260	29.638
0.81	9290	3.431
0.85	8854	3.270
1.08	3143	1.161
1.19	21480	7.932
1.39	661	0.244
1.57	1107	0.409
1.70	4811	1.777
1.88	740	0.273
2.12	4236	1.564
2.43	3453	1.275
2.65	20160	7.445
2.96	4206	1.553
3.40	21900	8.087
3.76	13020	4.808
4.42	17190	6.348
4.72	9288	3.430
5.72	9328	3.445
6.24	2707	1.000
6.70	1390	0.513
8.10	1404	0.518
8.97	621	0.229
12.01	9812	3.623
19.86	21740	8.028

DIL FACTOR: 1.0000 E+ 0

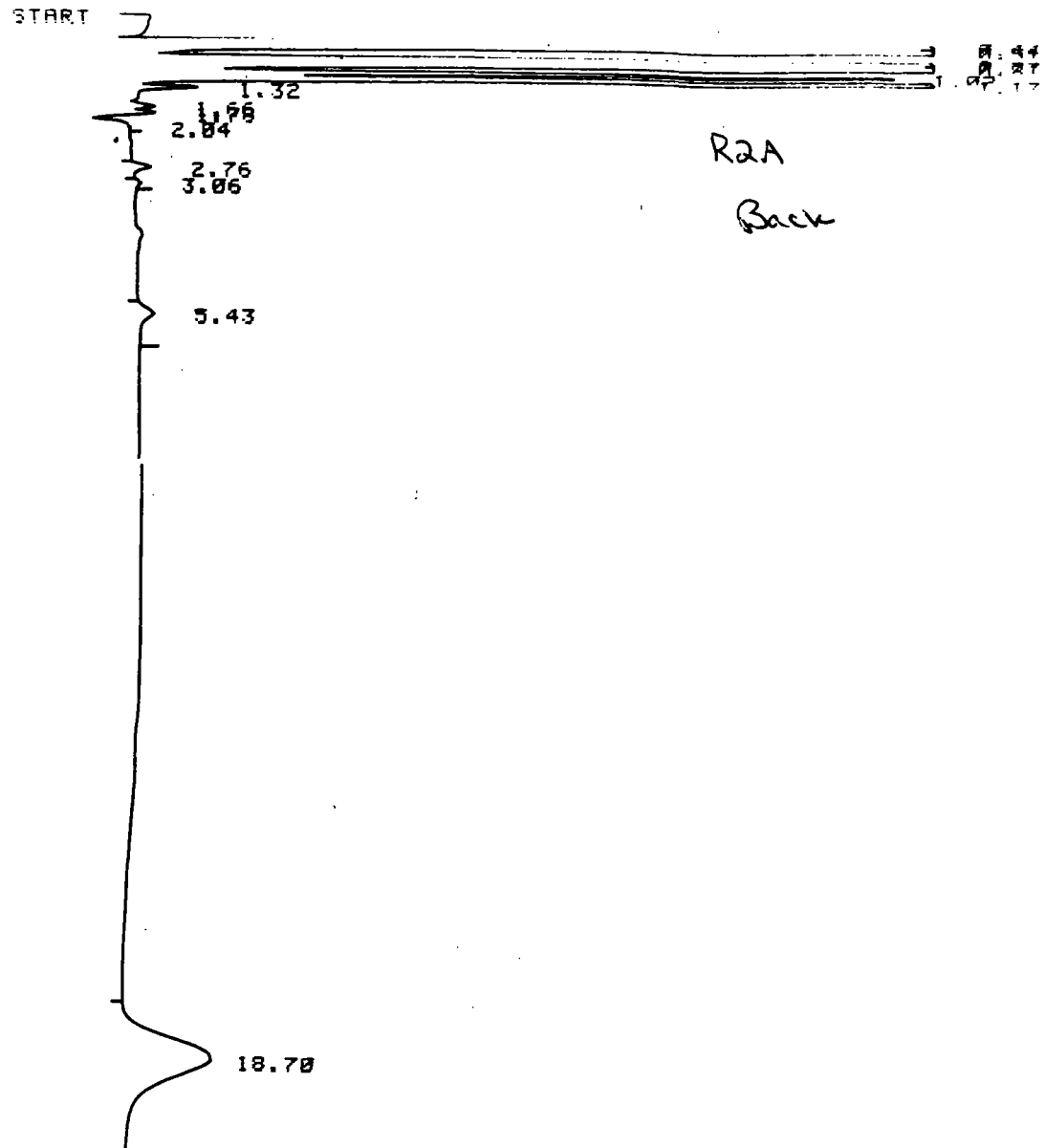
NO METHOD AREA %

TEMP1 400 190 190
TIME1 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625

FLOW B 0.0 32.0



HP RUN # 5 NOV/11/87 TIME 18:05:07
ID:167823 BOTTLE 24
AREA %

RT	AREA	AREA %
0.44	141000	16.563
0.51	146900	17.256
0.77	210800	24.762
0.81	264000	31.011
1.02	13360	1.569
1.13	34310	4.030
1.32	3635	0.427
1.66	1906	0.224
1.78	1632	0.192
2.04	541	0.064
2.76	574	0.067
3.06	193	0.023
5.43	1278	0.150
18.70	31170	3.661

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	35.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD	1.00
ZERO	15.0
ATTN 2↑	5
AUX SGNL	+8

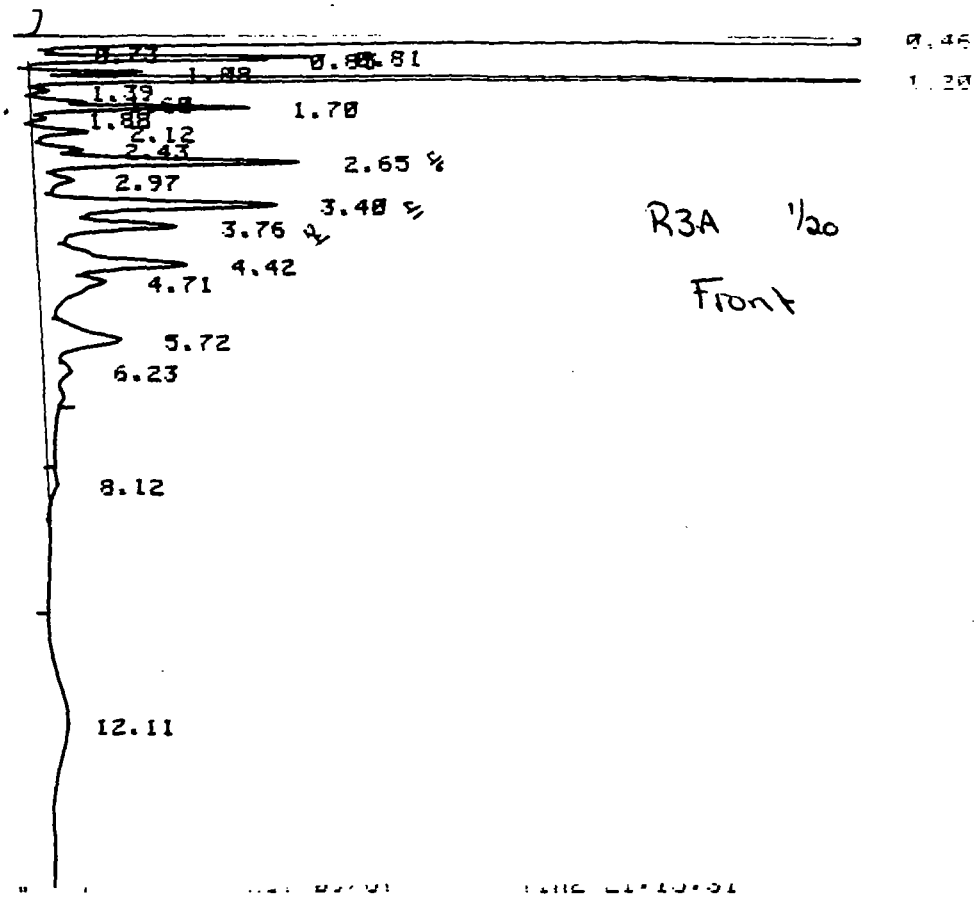
	Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R3A	11/9		76	5		46		41		24			111	222	135.6	1/20		2713
Back	R3A	11/11	6	25	5		–		–		–			0					ND

$$2713\ \mu g/L \times .005\ L = 13.57\ \mu g \text{ total}$$

$$\frac{13.57\ \mu g}{42\ \ell \text{ sampled}} = 0.322\ \mu g/L \text{ in air} = 0.322\ mg/m^3$$

FLOW A 0.0 0.2
FLOW B 0.0 29.1

START



R3A 1/20
Front

ID:167823 BOTTLE 76
AREA %

RT	AREA	AREA %
0.46	82260	36.672
0.73	644	0.287
0.81	3833	1.709
0.85	3819	1.703
1.08	2116	0.943
1.20	18430	8.216
1.39	651	0.290
1.60	1444	0.644
1.70	5584	2.489
1.88	660	0.294
2.12	2530	1.128
2.43	2314	1.032
2.65	11690	5.212
2.97	3704	1.651
3.40	14140	6.304
3.76	9592	4.276
4.42	12730	5.675
4.71	6914	3.082
5.72	8016	3.574
6.23	2338	1.042
12.11	13920	6.206
19.89	4652	2.074
22.16	12330	5.497

DIL FACTOR: 1.0000 E+ 0

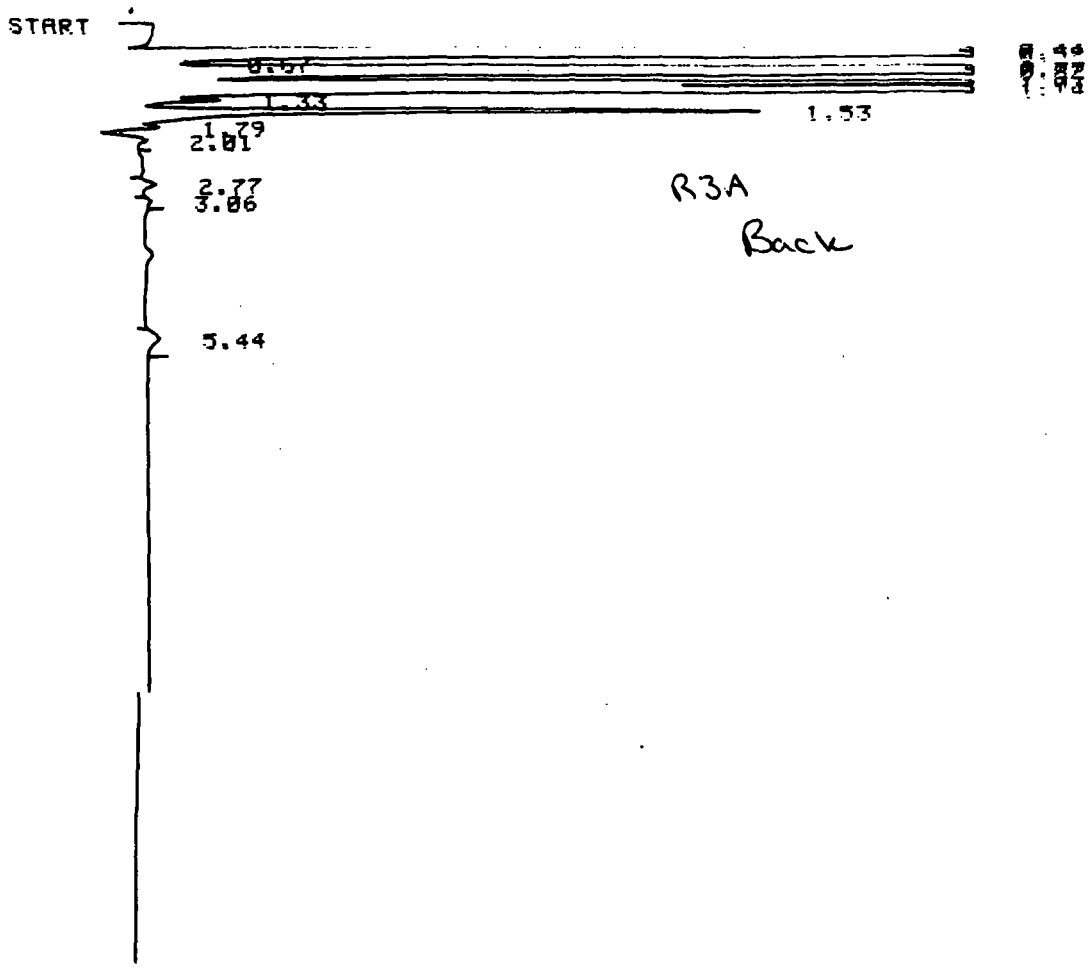
NO METHOD AREA %

TEMP1 400 190 190
TIME1 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +B
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK

ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW B 0.0 31.8



HP RUN # 6 NOV/11/87 TIME 18:43:48
ID:167823 BOTTLE 25
AREA %

RT	AREA	AREA %
0.44	114300	14.803
0.52	116500	15.088
0.67	753	0.098
0.77	131000	16.966
0.82	176900	22.910
1.03	28720	3.719
1.14	146100	18.921
1.33	2461	0.319
1.53	16080	2.082
1.79	1309	0.170
2.01	911	0.118
2.77	399	0.052
3.06	190	0.025
5.44	708	0.092
18.76	35820	4.639

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R4A	11/9	8	77	5		105		94		54			253	506	321.2	1/5		1606
Back	R4A	11/11	7	26	5		–		–		–								ND

$$1606\ \mu g/L \times .005L = 8.03 \text{ total } \mu g$$

$$\frac{8.03\ \mu g}{42L} \times 5K = 0.191\ \mu g/L = 0.191\ mg/m^3$$

3.40	14140	6.304
3.76	9592	4.276
4.42	12730	5.675
4.71	6914	3.082
5.72	8016	3.574
6.23	2338	1.042
12.11	13920	6.206
19.89	4652	2.074
22.16	12330	5.497

DIL FACTOR: 1.0000 E+ 0

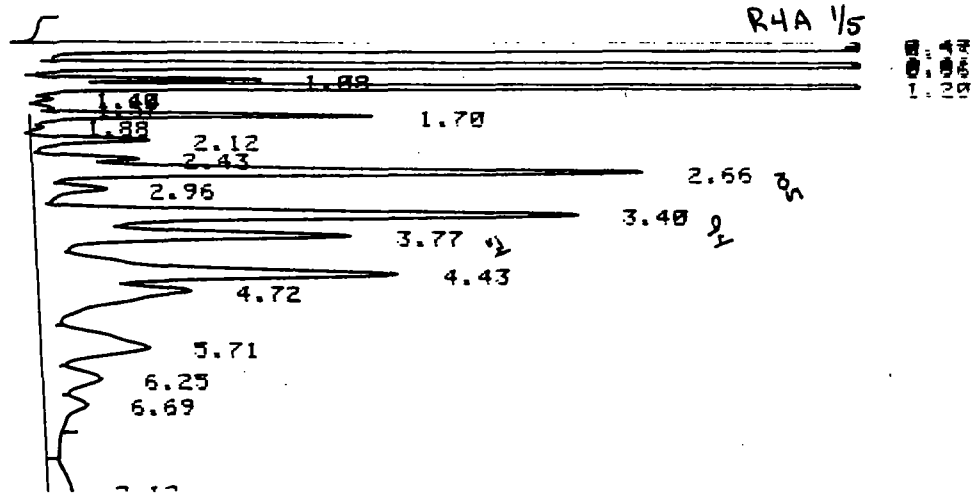
NO METHOD AREA %

TEMP1	400	190	190
TIME1	25.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD	1.00	
ZERO	15.0	
ATTN 2↑	5	
AUX SGNL	+8	
SLP SENS	0.10	
AREA REJ		0
FLOW A	0.0	0.2
FLOW B	0.0	29.1

Front
R4A 1/5

START

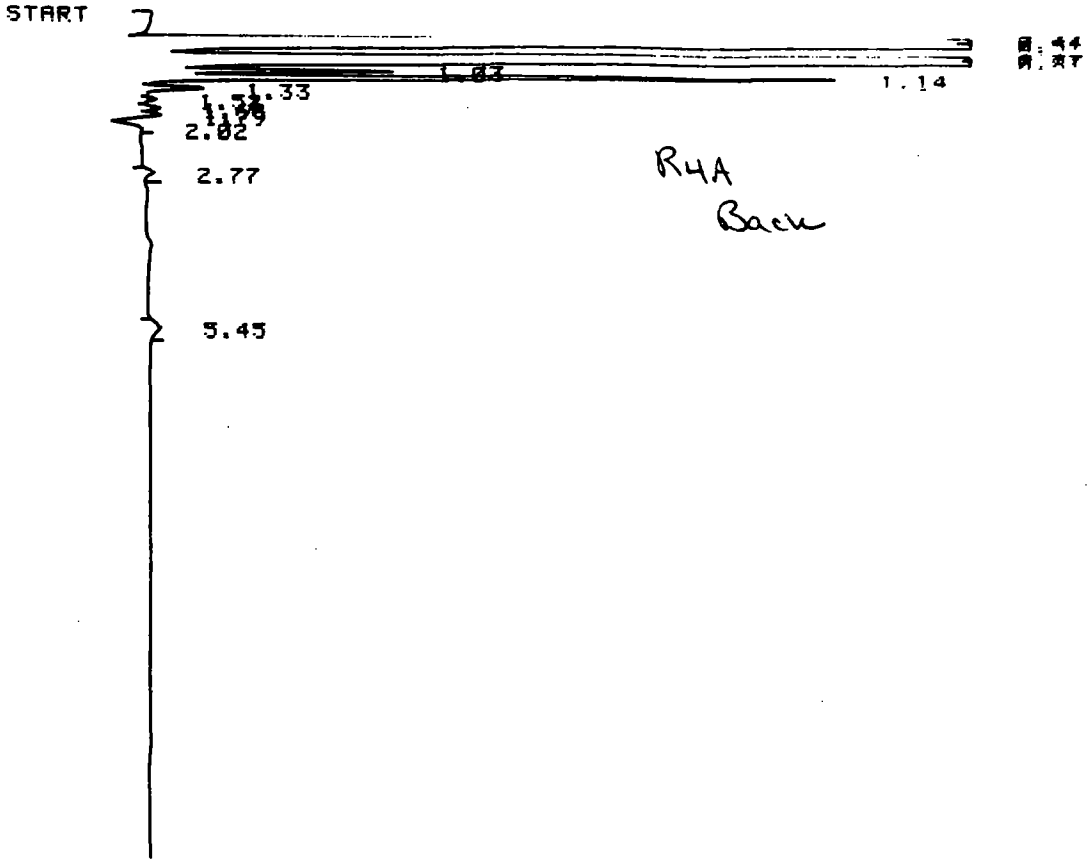


HP RUN # 8 NOV/09/87 TIME 21:44:53
ID:167823 BOTTLE 77
AREA %

RT	AREA	AREA %
0.47	70880	19.010
0.53	36510	9.792
0.81	16080	4.313
0.86	15530	4.165
1.08	4316	1.158
1.20	32930	8.832
1.40	920	0.247
1.57	978	0.262
1.70	8516	2.284
1.88	707	0.190
2.12	4487	1.203
2.43	4018	1.078
2.66	24960	6.694
2.96	5177	1.388
3.40	29020	7.783
3.77	18400	4.935
4.43	26760	7.177
4.72	15300	4.104
5.71	13160	3.530
6.25	4763	1.277

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC WAI 74703/ 9270 0625
GC GC WAI 74703/ 9270 0625

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 31.6



HP RUN # 7 NOV/11/87 TIME 19:22:34
ID:167823 BOTTLE 26
AREA %

RT	AREA	AREA %
0.44	294200	38.643
0.51	199100	26.152
0.77	116000	15.237
0.81	119700	15.723
1.03	4549	0.598
1.14	12360	1.623
1.33	1911	0.251
1.52	1093	0.144
1.68	1276	0.168
1.79	1170	0.154
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
2.77	271	0.036
5.45	488	0.064
18.86	7940	1.043
27.59	911	0.120

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 31.5

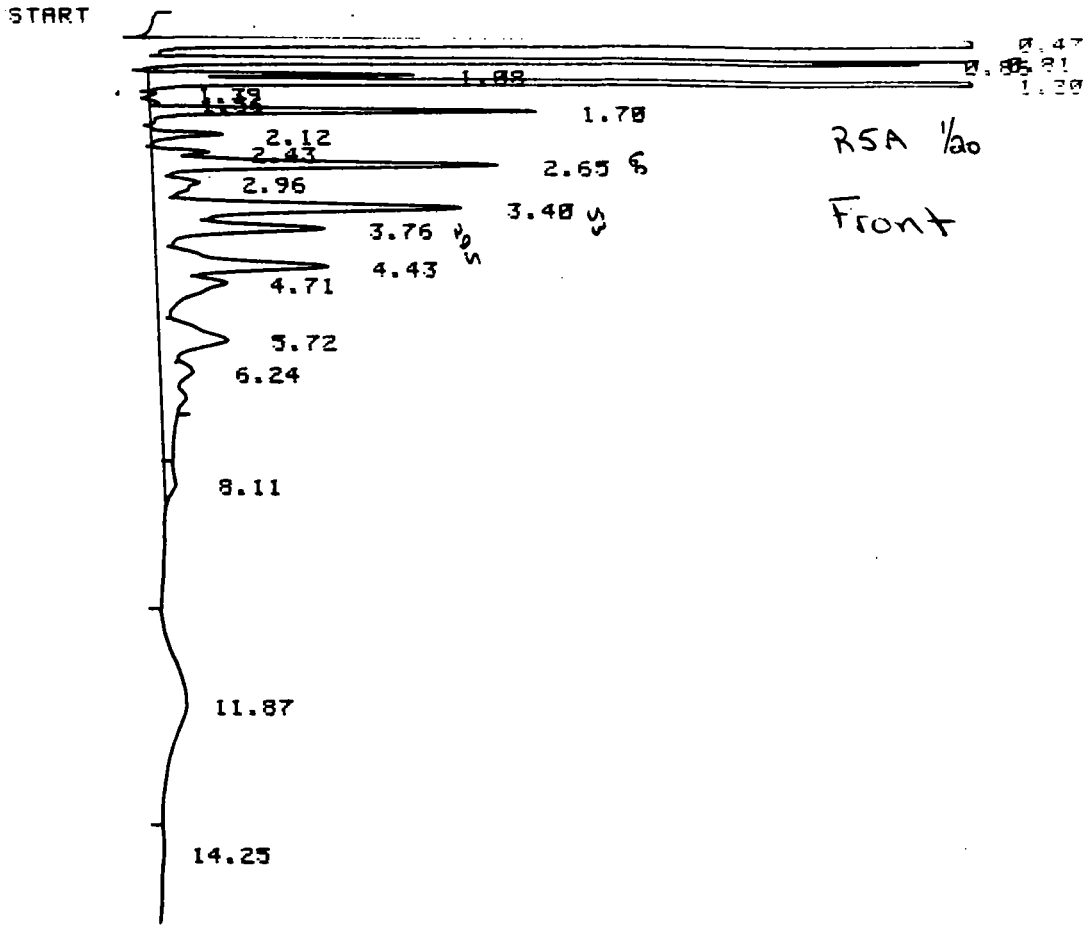
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625

	Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	RSA	11/9	9	78	5		60		53		29.5			142.5	285	176.8	1/20		3536
Back	RSA	11/11	8	27	5		—		—		—			0					ND

3536 ug/L × .005 L = 17.68 total ug

17.68 ug / 44 L sampled = 0.402 ug/L = 0.402 mg/m³

AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.1



HP RUN # 9 NOV/09/87 TIME 22:14:43
ID:167823 BOTTLE 78
AREA %

RT	AREA	AREA %
0.47	75860	27.030
0.81	10900	3.884
0.86	12320	4.390
1.08	4819	1.717
1.20	38850	13.843
1.39	613	0.218
1.56	813	0.290
1.70	10930	3.895
2.12	3702	1.319
2.43	2744	0.978
2.65	15330	5.462
2.96	5522	1.968
3.40	18330	6.531
3.76	11250	4.009
4.43	13830	4.928
4.71	7834	2.791
5.72	7896	2.814
6.24	3486	1.242
8.11	58	0.021
11.87	13870	4.942
14.25	3625	1.292
19.90	3495	1.245
22.43	14570	5.192

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMPI 400 190 190
TIMEI 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +B

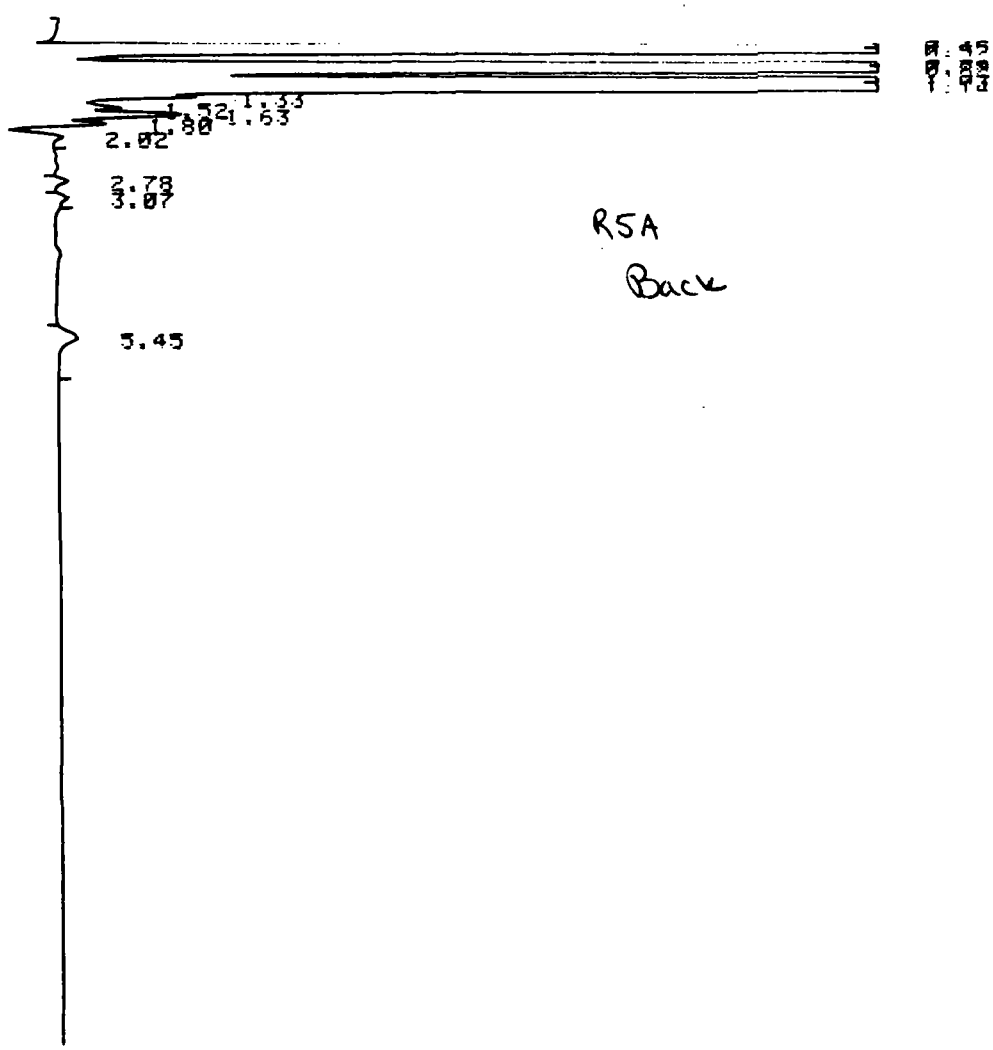
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625

NO METHOD AREA %

TEMPI	400	190	190
TIMEI	35.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

CHT SPD	1.00	
ZERO	15.0	
ATTN 2↑	5	
AUX SGNL	+B	
SLP SENS	0.10	
AREA REJ		0
FLOW A	0.0	0.2
FLOW B	0.0	31.5

START



GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625

HP RUN # 8 NOV/11/87 TIME 20:01:20
ID:167823 BOTTLE 27
AREA %

RT	AREA	AREA %
0.45	139200	10.196
0.52	160400	11.749
0.78	208100	15.243
0.82	321500	23.550
1.03	75320	5.517
1.14	382100	27.989
1.33	4091	0.300
1.52	3056	0.224
1.63	5601	0.410
1.80	2346	0.172
2.02	1145	0.084
2.78	374	0.027
3.07	384	0.028
5.45	1384	0.101
18.90	54540	3.995
28.06	5647	0.414

DIL FACTOR: 1.0000 E+ 0

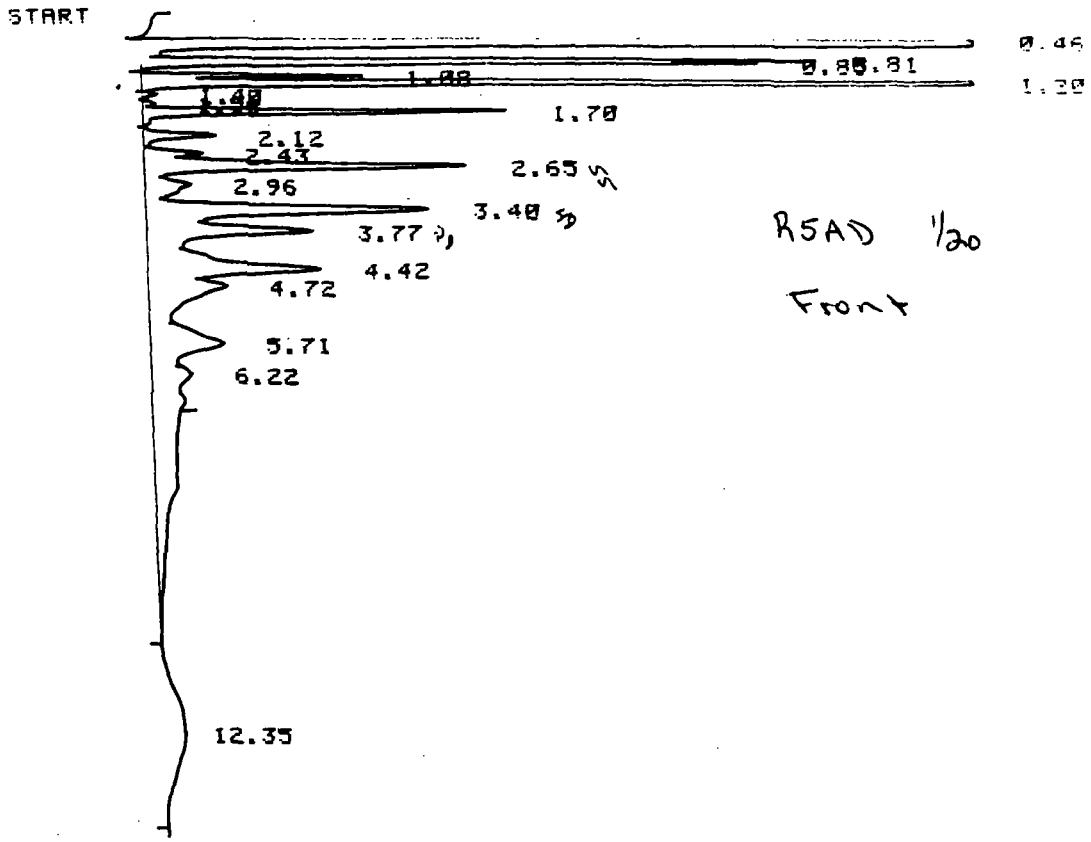
GC GC-WAI 74703/ 9270 0625

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	RSAD	11/9	10	79	5		55		49		29			133	2666	164.4	1/20		3288
Back	RSAD	11/11	9	28	5		–		–		–			0	0				ND

$3288\ \mu g/L \times .005\ L = 16.44\ \mu g$ total

$16.44\ \mu g \Big/ 44\ L$ air sampled $= 0.3736\ \mu g/L = 0.3736\ mg/m^3$

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.1



HP RUN # 10 NOV/09/87 TIME 22:44:05
ID:167823 BOTTLE 79
AREA %

RT	AREA	AREA %
0.46	76600	29.084
0.81	9118	3.462
0.85	9548	3.625
1.08	3917	1.487
1.20	32910	12.496
1.40	611	0.232
1.56	588	0.223
1.70	9928	3.770
2.12	3163	1.201
2.43	2562	0.973
2.65	13820	5.247
2.96	4615	1.752
3.40	15940	6.052
3.77	11090	4.211
4.42	14160	5.376
4.72	7184	2.728
5.71	6136	2.330
6.22	1215	0.461
12.35	11820	4.488
14.46	2592	0.984
15.30	4625	1.756
19.93	4120	1.564
22.31	11350	4.310
23.64	5759	2.187

DIL FACTOR: 1.0000 E+ 0

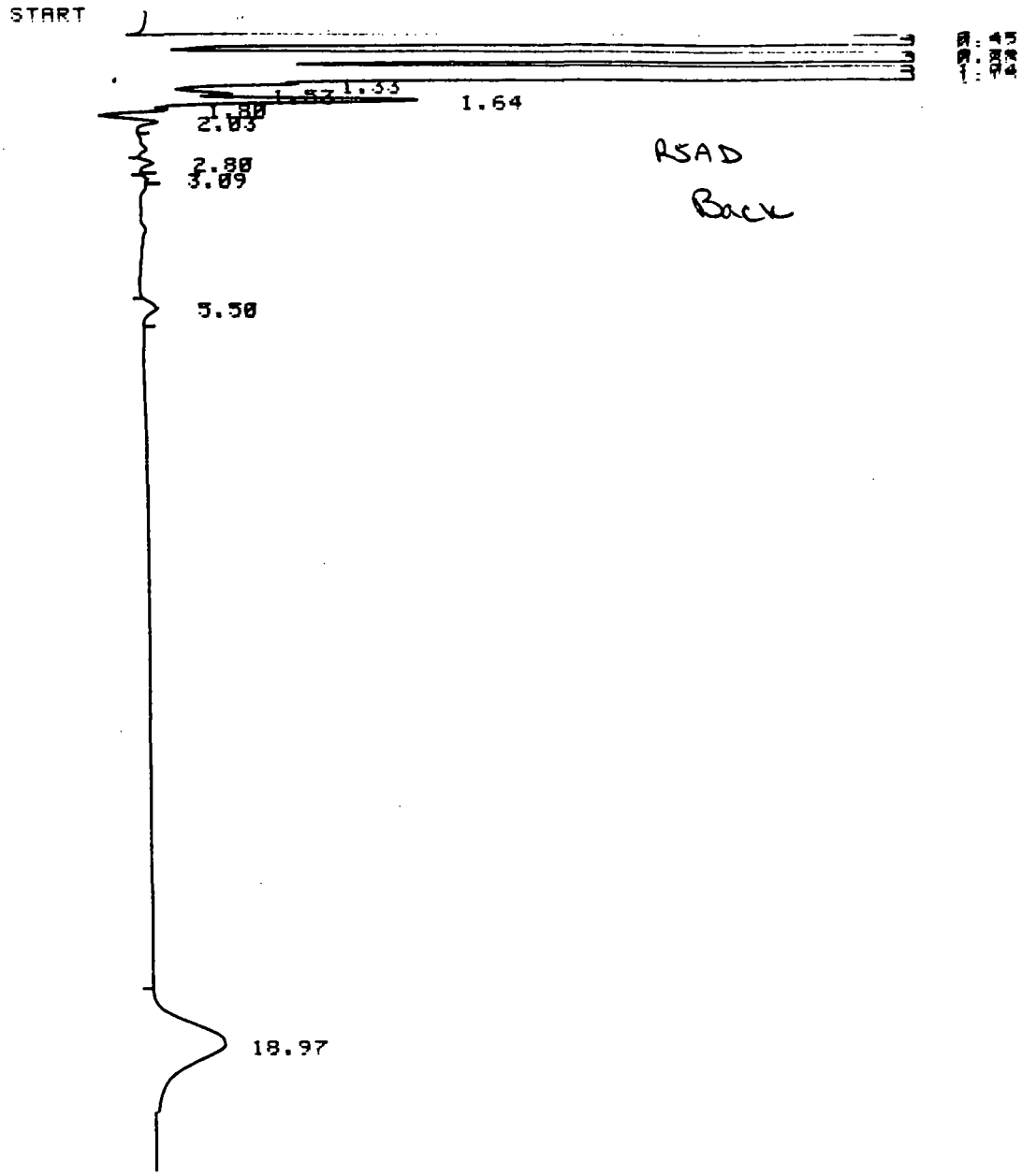
NO METHOD AREA %

TEMP1 400 190 190
TIME1 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0

GRAPHIC CONTROLS CORPORATION BUFFALO NY
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC WAI

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW B 0.0 31.3



HP RUN # 9 NOV/11/87 TIME 20:40:10
ID:167823 BOTTLE 28
AREA %

RT	AREA	AREA %
0.45	261000	15.719
0.52	245400	14.779
0.78	205100	12.352
0.83	302800	18.236
1.04	86200	5.191
1.15	516600	31.112
1.33	4202	0.253
1.53	3879	0.234
1.64	10080	0.607
1.80	1613	0.097
2.03	1570	0.095
2.80	439	0.026
3.09	99	0.006
5.50	902	0.054
18.97	20580	1.239

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00

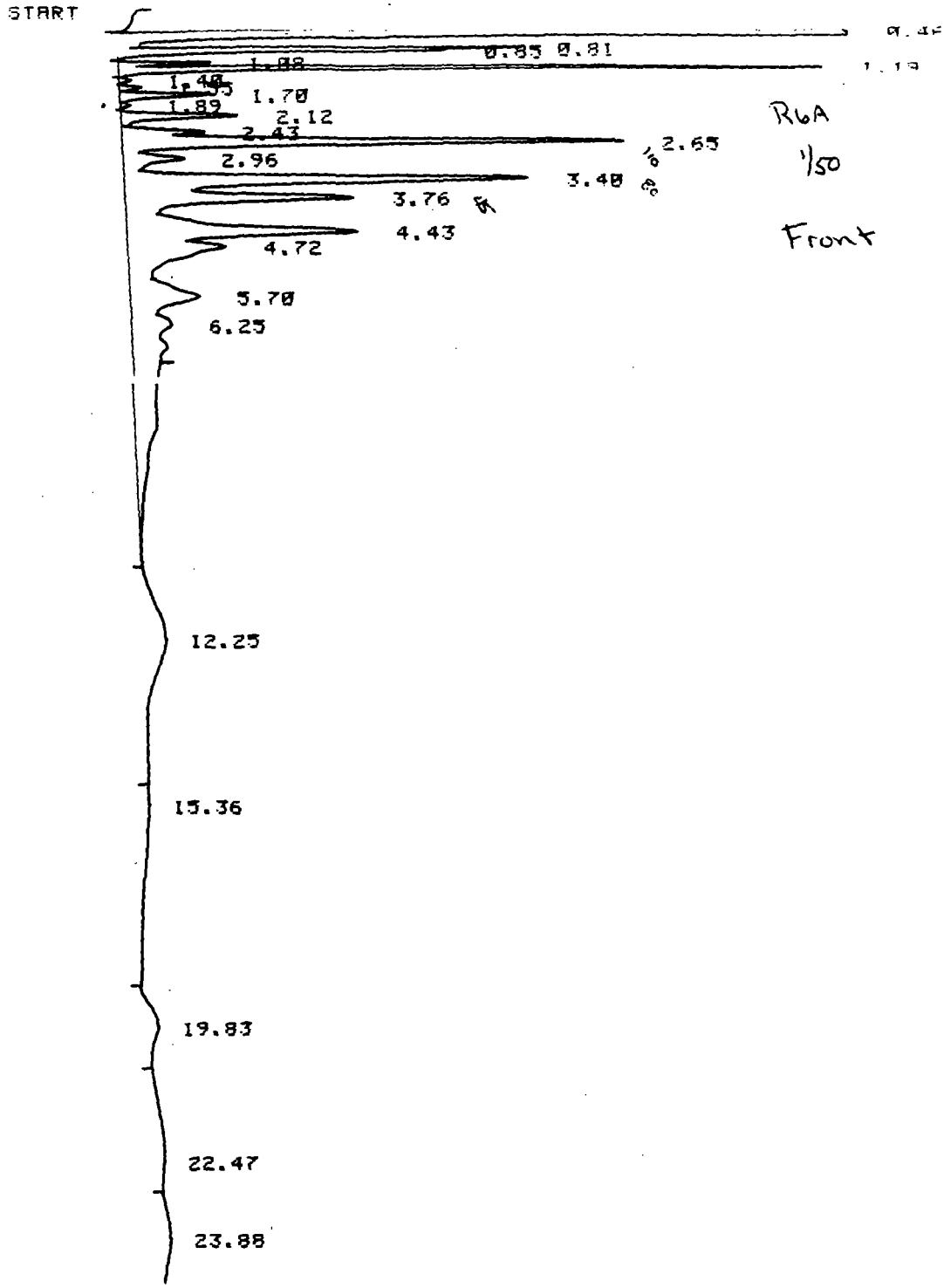
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270 0625
GC GC-WAI 74703/ 9270-0625

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R6A	11/9	11	80	5		110		80		45			235	470	297.7	1/50		14887
Back	R6A	11/11	10	29	5		–		–		–			0					ND

14887 ug/L × .005L = 74.4 ug total

74.4 ug / 42L air sampled = 1.77 ug/L in air = 1.77 mg/m³

FLOW A 0.0 0.2
FLOW B 0.0 29.1

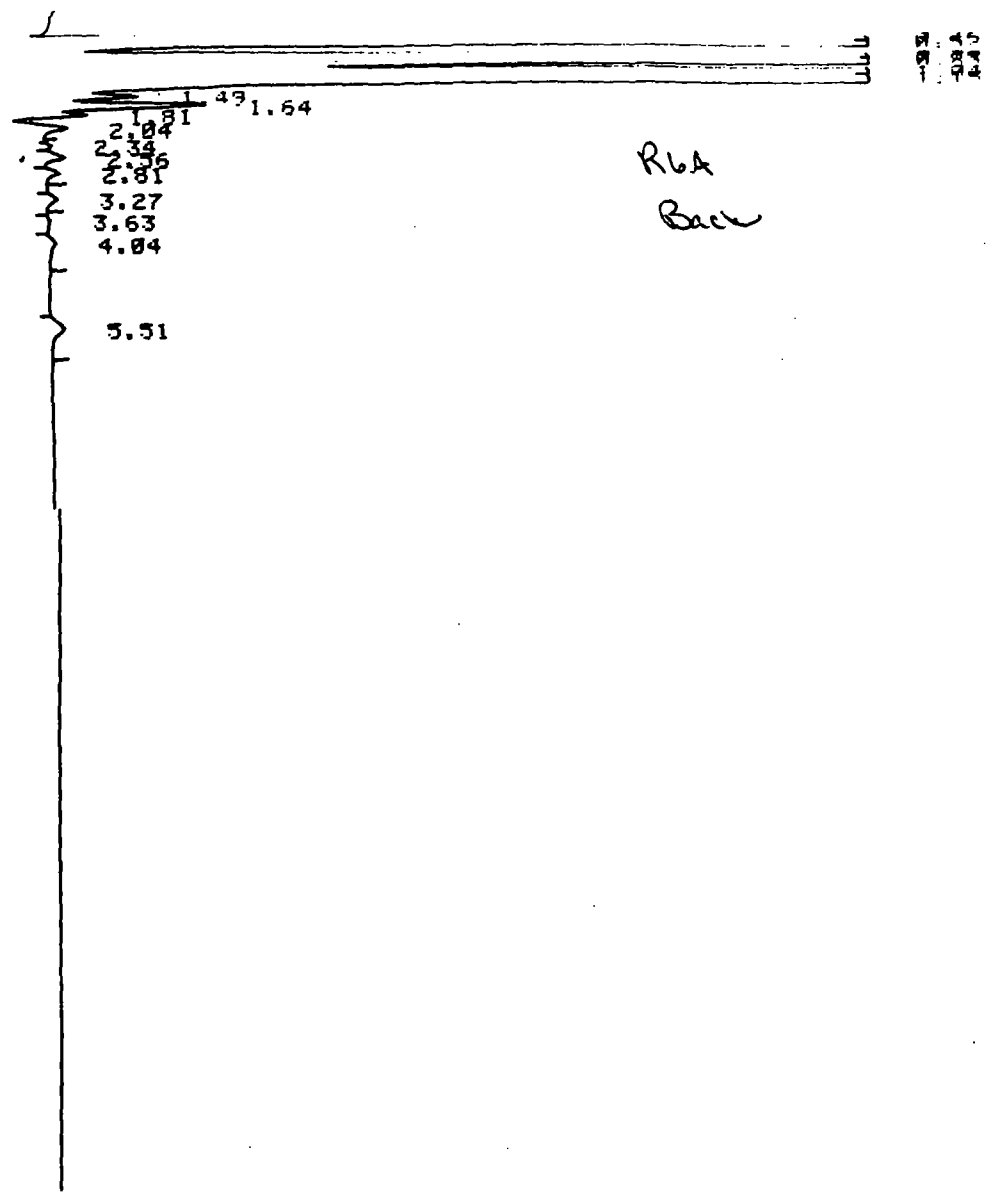


HP RUN # II NOV/09/87 TIME 23:13:32
ID:167823 BOTTLE 80
AREA %

RT	AREA	AREA %
0.46	75340	28.312
0.81	6426	2.415
0.85	5709	2.145
1.08	2007	0.754
1.19	14760	5.547
1.40	536	0.201
1.55	821	0.309
1.70	3329	1.251
1.89	567	0.213
2.12	4896	1.840
2.43	3471	1.304
2.65	23720	8.914
2.96	4876	1.832
3.40	24980	9.387

GC GC-WAI 74703/ 9270 0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK

START



R6A
Back

HP RUN # 10 NOV/11/87 TIME 21:18:55
ID:167823 BOTTLE 29
AREA %

RT	AREA	AREA %
0.45	305800	14.796
0.52	244500	11.830
0.78	348000	16.838
0.83	439600	21.270
1.04	110600	5.351
1.15	599500	29.007
1.49	3419	0.165
1.64	6177	0.299
1.81	1824	0.088
2.04	1382	0.067
2.34	138	0.007
2.56	724	0.035
2.81	437	0.021
3.27	285	0.014
3.63	81	0.004
4.04	546	0.026
5.51	887	0.043
19.04	2870	0.139

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	35.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

GRAPHIC CONTROLS
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC WAI 74703/ 9770 0625

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	RIB	11/10	15	84	5		62.5		61.5		385			162.5	325	203	1/20		4059
Back	RIB	11/11	12	31	5		32		39		25			96	192	116			116

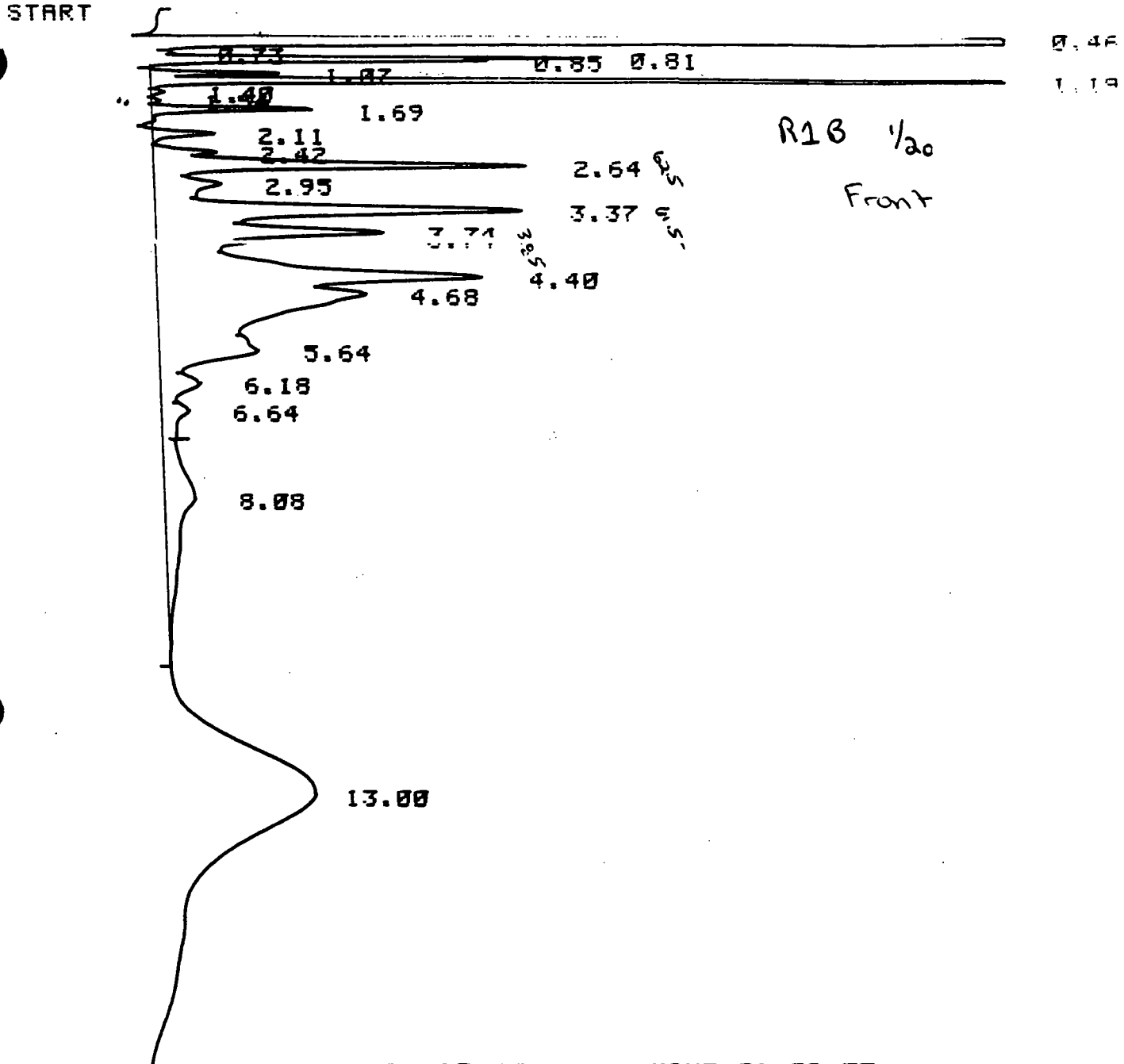
Fr. 4059 ug/L x .005 L = 20.29 ug total

BA. 116 ug/L x .002 L = 0.232 ug total

20.52 ug total

20.52 ug / 96 L gas air = 0.214 ug/L in air = 0.214 mg/m3

AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.1

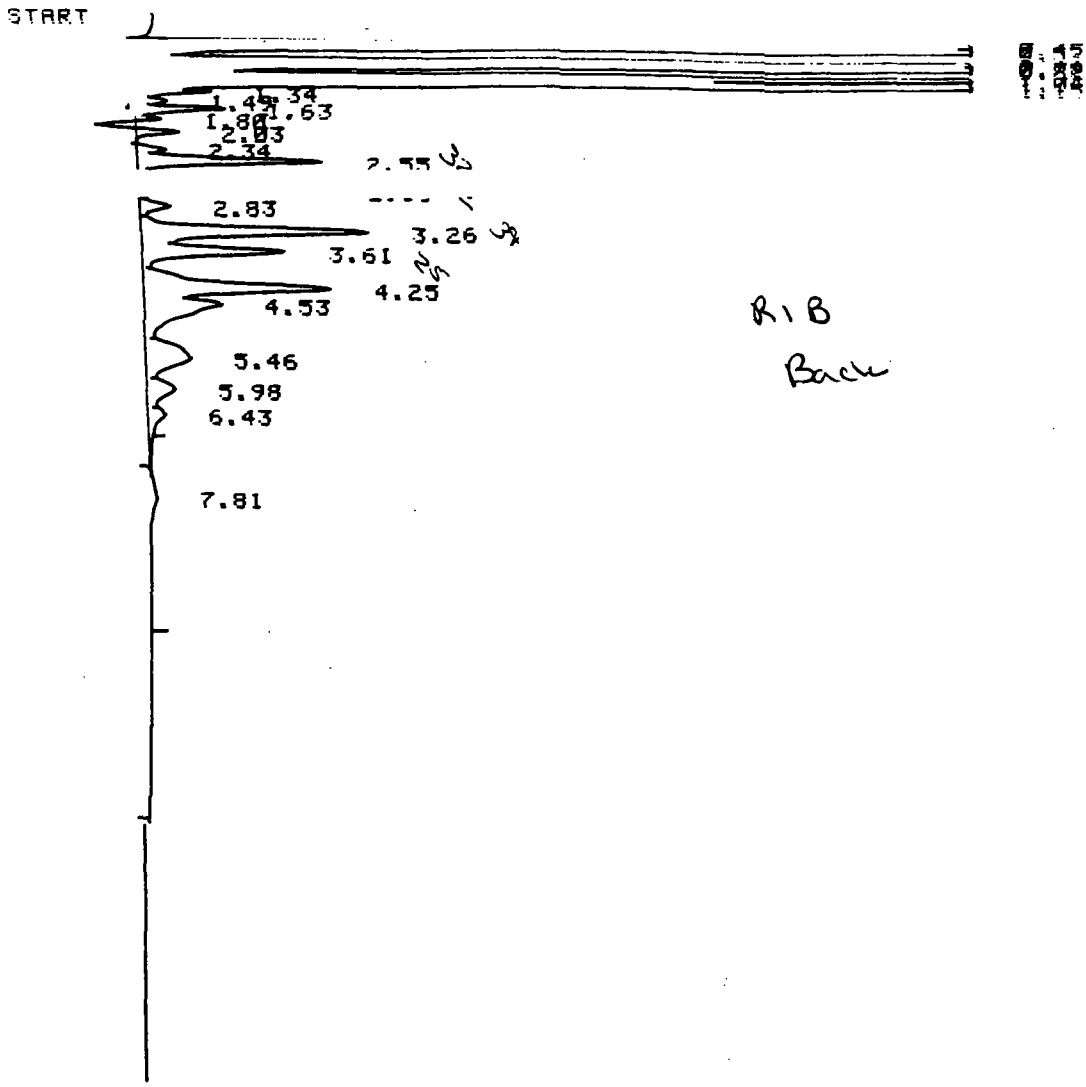


HP RUN # 15 NOV/10/87 TIME 01:08:35
ID:167823 BOTTLE 84
AREA %

RT	AREA	AREA %
0.46	74540	19.581
0.73	641	0.168
0.81	5834	1.533
0.85	4961	1.303
1.07	2532	0.665
1.19	18970	4.983
1.40	695	0.183
1.54	589	0.155
1.69	4756	1.249
2.11	2586	0.679
2.42	2748	0.722
2.64	15950	4.190
2.95	5401	1.419
3.37	22750	5.976

AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 31.2

START



R1B
Back

HP RUN # 12 NOV/11/87 TIME 22:36:12
ID:167823 BOTTLE 31
AREA %

RT	AREA	AREA %
0.45	178700	17.041
0.52	146700	13.989
0.78	168000	16.020
0.82	197100	18.795
1.04	33900	3.233
1.15	161100	15.362
1.34	2263	0.216
1.49	1665	0.159
1.63	3736	0.356
1.80	1565	0.149
2.03	3475	0.331
2.34	2759	0.263
2.55	10100	0.963
2.83	4232	0.404
3.26	16800	1.602
3.61	10820	1.032
4.25	17140	1.634
4.53	11440	1.091
5.46	8954	0.854
5.98	3485	0.332
6.43	1679	0.160
7.81	855	0.082
13.70	2128	0.203
19.01	57520	5.485
28.70	2547	0.243

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC-WAI 742

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R28	11/10	16	85	5		33		34		12			79	158	93.8	1/50		4690.8
Back	R28	11/11	13	32	5		40		27		6			73	146	85.97	1		85.97

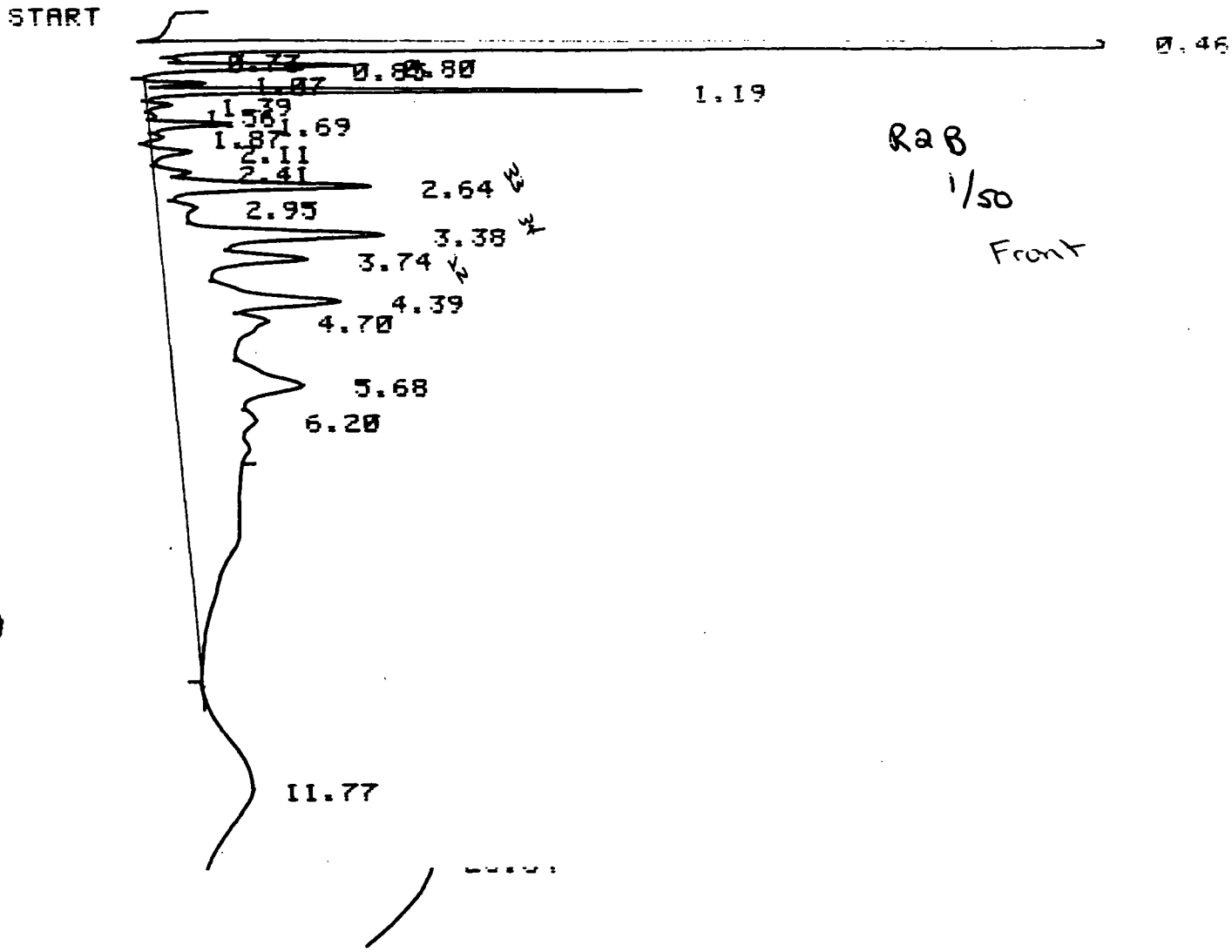
4690.8 ug/L x .005L = 23.45 total ug - Front

85.97 ug/L x .002L = 0.172 total ug - back

23.62 total ug

23.62 ug / 96L = 0.246 ug/L in air = 0.246 mg/m3 in air

CHT SPD	1.00	
ZERO	15.0	
ATTN 2↑	5	
AUX SGNL	+B	
SLP SENS	0.10	
AREA REJ		0
FLOW A	0.0	0.1
FLOW B	0.0	29.2



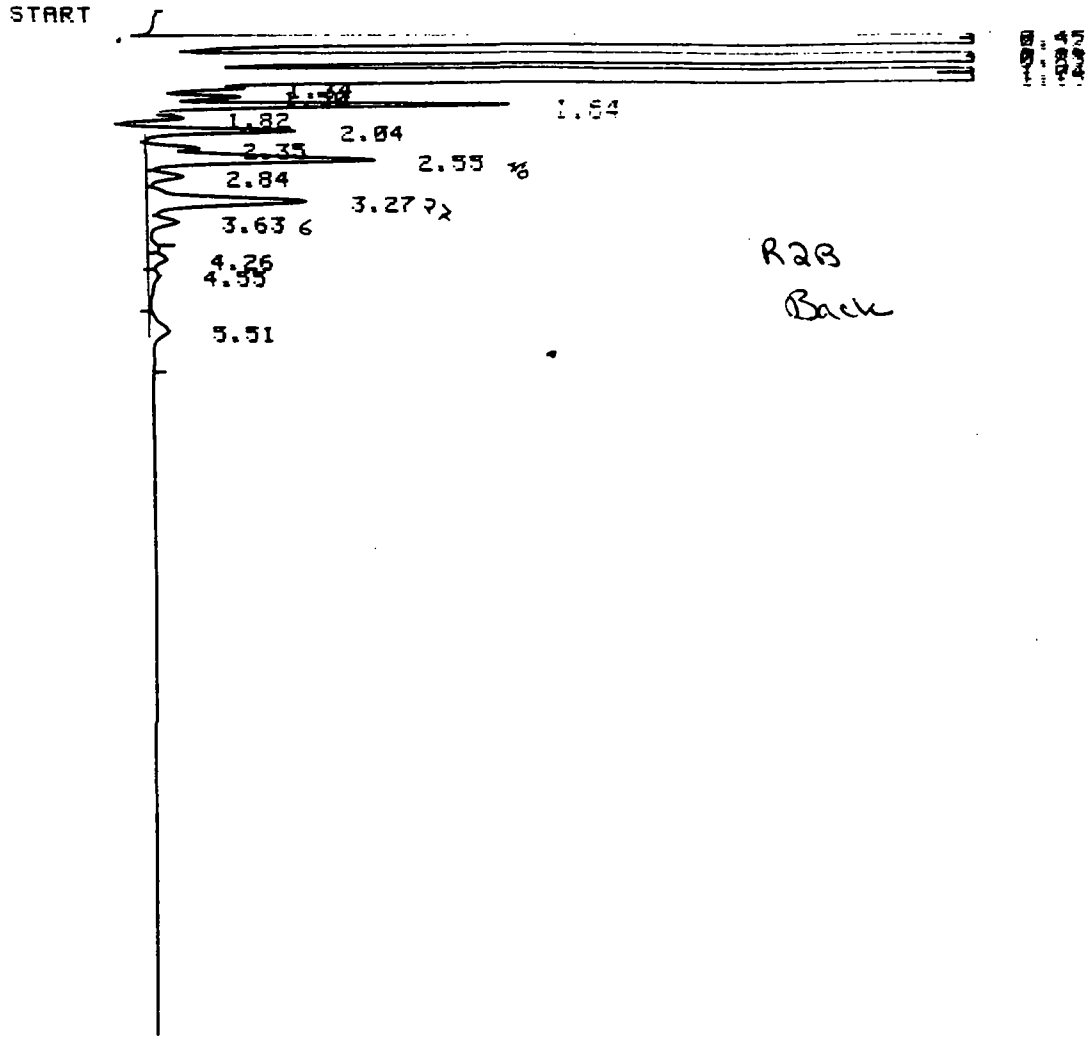
HP RUN # 16 NOV/10/87 TIME 01:38:07
ID:167823 BOTTLE 85
AREA %

RT	AREA	AREA %
0.46	71720	26.960
0.73	644	0.242
0.80	2581	0.970
0.85	2057	0.773
1.07	938	0.353
1.19	7676	2.885
1.39	576	0.217
1.56	304	0.114
1.69	2010	0.756
1.87	474	0.178
2.11	1570	0.590
2.41	1662	0.625
2.64	8512	3.200
2.95	2789	1.048
3.38	13770	5.176

026

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703 9770-0625

ATTN 2!	5	
AUX SGNL	+8	
SLP SENS	0.10	
AREA REJ		0
FLOW A	0.0	0.2
FLOW B	0.0	31.0



HP RUN # 13 NOV/11/87 TIME 23:15:43
ID:167823 BOTTLE 32
AREA %

RT	AREA	AREA %
0.45	99720	10.185
0.52	126600	12.931
0.78	139500	14.249
0.83	175500	17.926
1.04	42280	4.318
1.15	289100	29.529
1.34	2610	0.267
1.50	3143	0.321
1.64	9562	0.977
1.82	1668	0.170
2.04	5669	0.579
2.35	2416	0.247
2.55	10870	1.110
2.84	2338	0.239
3.27	8736	0.892
3.63	1473	0.150
4.26	435	0.044
4.55	341	0.035
5.51	1825	0.186
19.11	55260	5.644

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	35.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

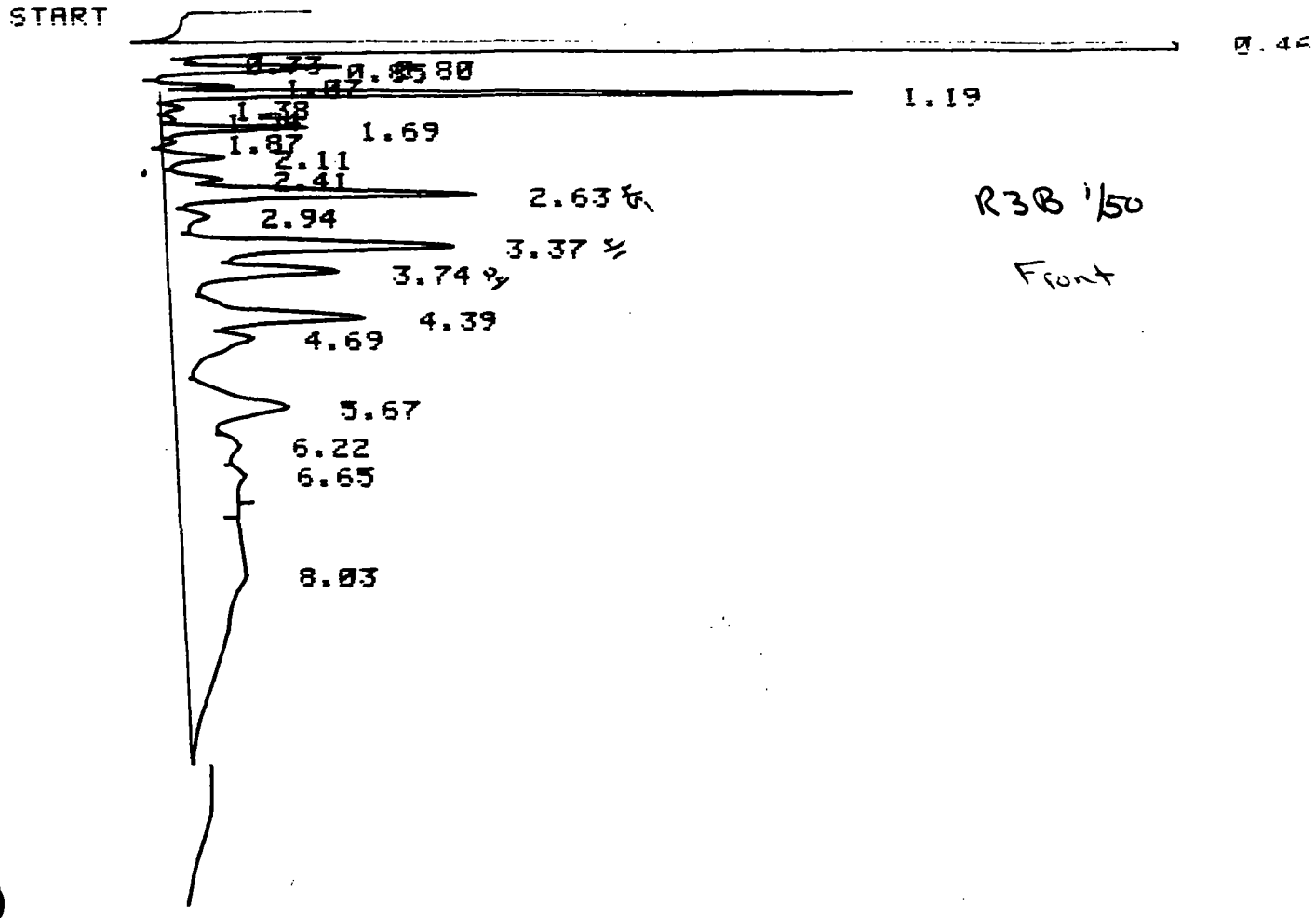
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC WAI 7/703.

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R3B	11/10	17	86	5		45		41		24			110	220	134.3	1/50		6717
Back	R3B	11/11	14	33	5		—		—		—			0					0

6716.99 ug/L x .005 L = 33.6 total ug

33.6 ug / 96L of air sampled = 0.3498 ug/L in air or 0.3498 mg/m3

FLOW B 0.0 29.2

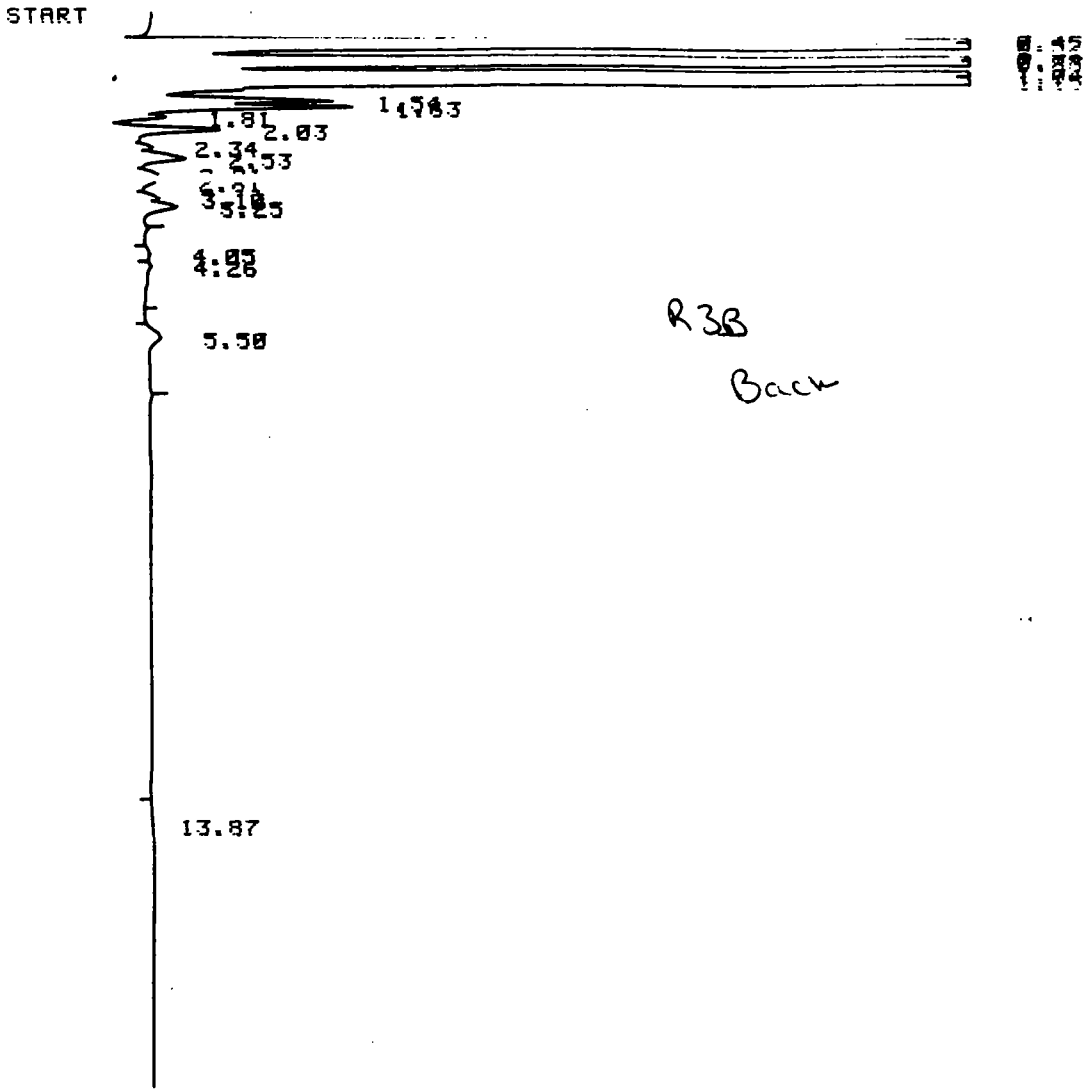


HP RUN # 17 NOV/10/87 TIME 02:07:29
ID:167823 BOTTLE 86
AREA %

RT	AREA	AREA %
0.46	74420	31.701
0.73	914	0.389
0.80	2525	1.076
0.85	2099	0.894
1.07	1628	0.693
1.19	10940	4.660
1.38	1098	0.468
1.54	864	0.368
1.69	3963	1.688
1.87	926	0.394
2.11	3105	1.323
2.41	2909	1.239
2.63	12030	5.124
2.94	4058	1.729
3.37	15810	6.735
3.74	10520	4.481
4.39	12850	5.474
4.69	5873	2.502
5.67	6744	2.873
6.22	1568	0.668
6.65	906	0.386
8.03	5701	2.428
11.77	5682	2.420
14.40	1803	0.768
15.31	7116	3.031
19.76	6648	2.832
22.12	32060	13.657

GRAPHIC CONTROLS CORPORATION BUFFALO
GRAPHIC CONTROLS CORPORATION BUFFALO

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 31.3



HP RUN # 14 NOV/11/87 TIME 23:54:52
ID:167823 BOTTLE 33
AREA %

RT	AREA	AREA %
0.45	495300	28.713
0.52	390100	22.614
0.78	138700	8.040
0.83	181900	10.545
1.04	56940	3.301
1.15	374500	21.710
1.54	6096	0.353
1.63	6277	0.364
1.81	1246	0.072
2.03	3489	0.202
2.34	1050	0.061
2.53	3026	0.175
2.81	1165	0.068
3.10	786	0.046
3.25	1711	0.099
4.05	224	0.013
4.26	663	0.038
5.50	1053	0.061
13.87	355	0.021
19.01	58840	3.411
28.26	1608	0.093

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

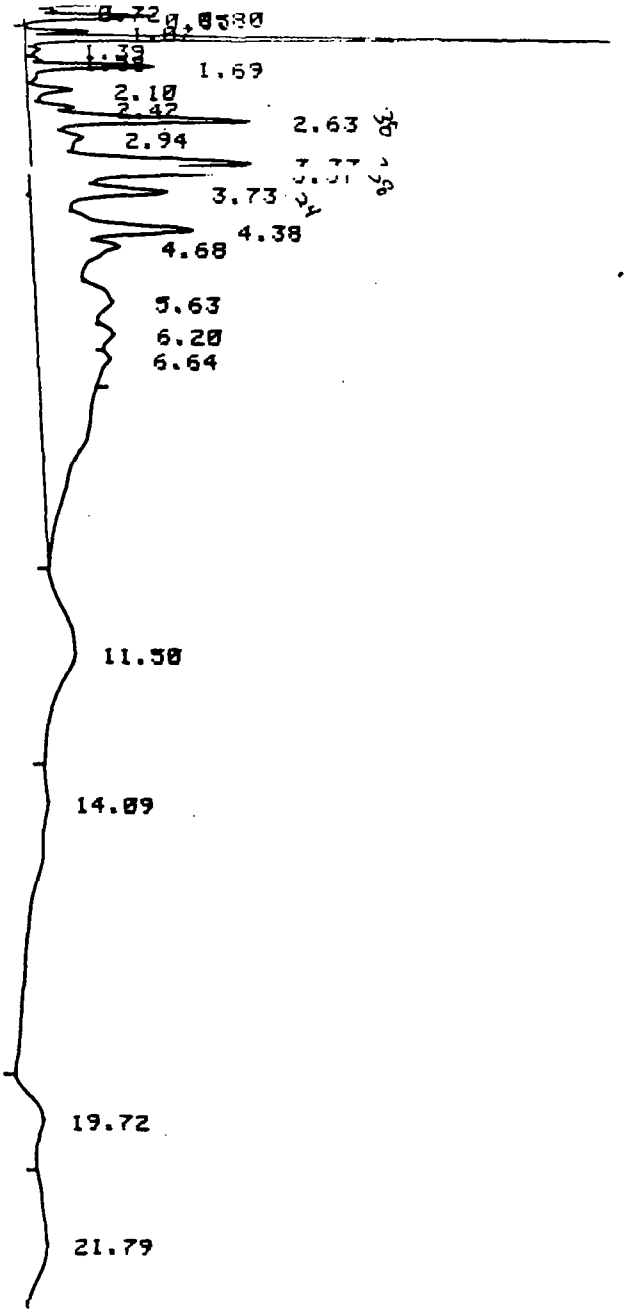
TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R4B	11/10	18	87	5		38		38		24			100	200	121.3	1/50		6063
Back	R4B	11/11	15	34	5		-		-		-			0					ND

6063 ug/L x .005 L = 30.3 ug total

30.3 ug / 96 L air sampled = 0.3156 ug/L of air = 0.3156 mg/m3



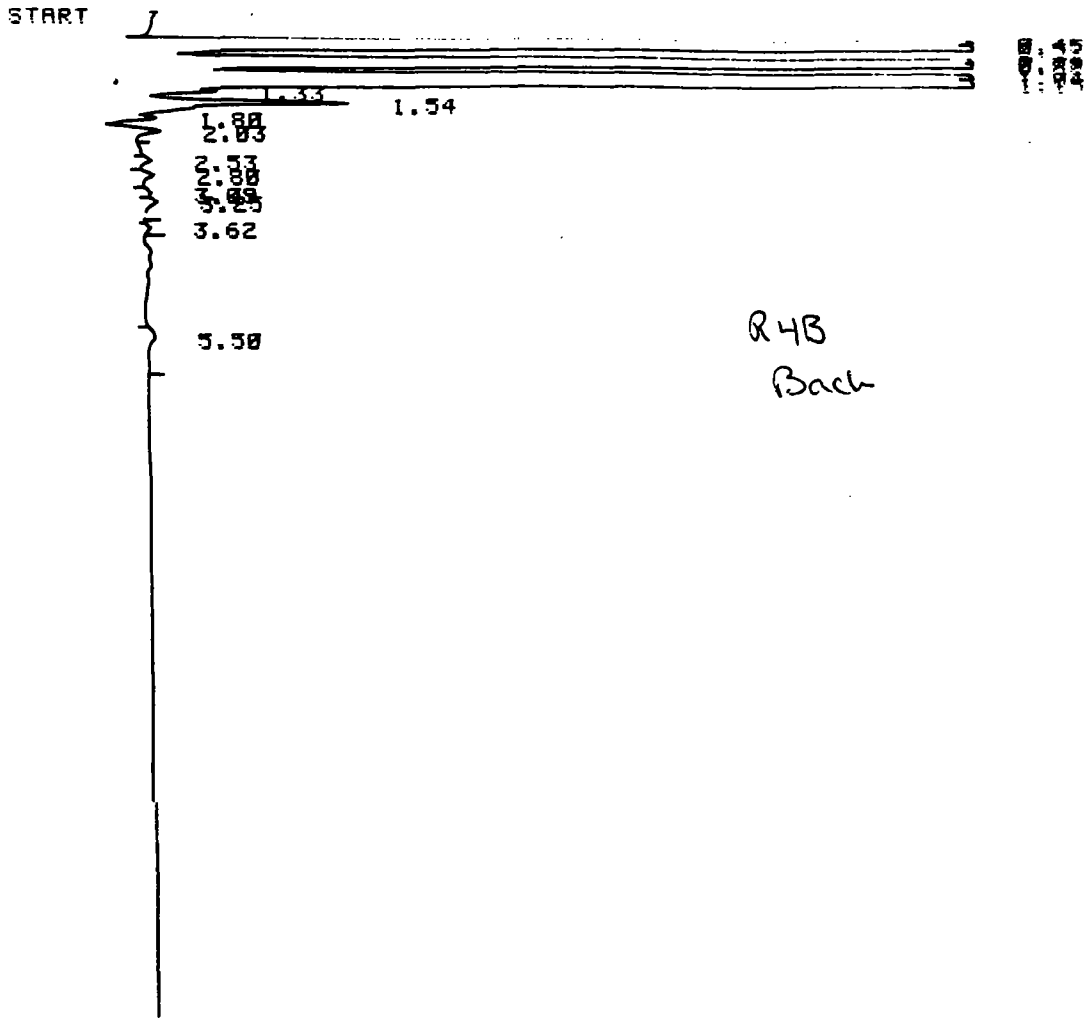
R4B 1/50

Front

HP RUN # 18 NOV/10/87 TIME 02:37:10
ID:167823 BOTTLE 87
AREA %

RT	AREA	AREA %
0.46	74180	30.260
0.72	793	0.323
0.80	2032	0.829
0.85	1604	0.654
1.07	1408	0.574
1.19	10860	4.430
1.39	802	0.327
1.58	694	0.283
1.69	4498	1.835
2.10	2474	1.009
2.42	2422	0.988
2.63	10630	4.336
2.94	4714	1.923
3.37	16600	6.772
3.73	10980	4.479
4.38	13790	5.625
4.68	9384	3.828
5.63	9432	3.848
6.20	5041	2.056
6.64	3232	1.318
11.50	16830	6.865
14.09	10660	4.349
19.72	7332	2.991
21.79	18730	7.641
23.60	6019	2.455

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 31.3



R4B
Back

HP RUN # 15 NOV/12/87 TIME 00:34:05
ID:167823 BOTTLE 34
AREA %

RT	AREA	AREA %
0.45	145400	15.536
0.52	180400	19.276
0.78	114800	12.267
0.82	152000	16.242
1.04	45220	4.832
1.15	251100	26.831
1.33	2201	0.235
1.54	8184	0.874
1.80	1184	0.127
2.03	1224	0.131
2.53	315	0.034
2.80	408	0.044
3.09	264	0.028
3.25	562	0.060
3.62	149	0.016
5.50	413	0.044
19.01	32050	3.425

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10

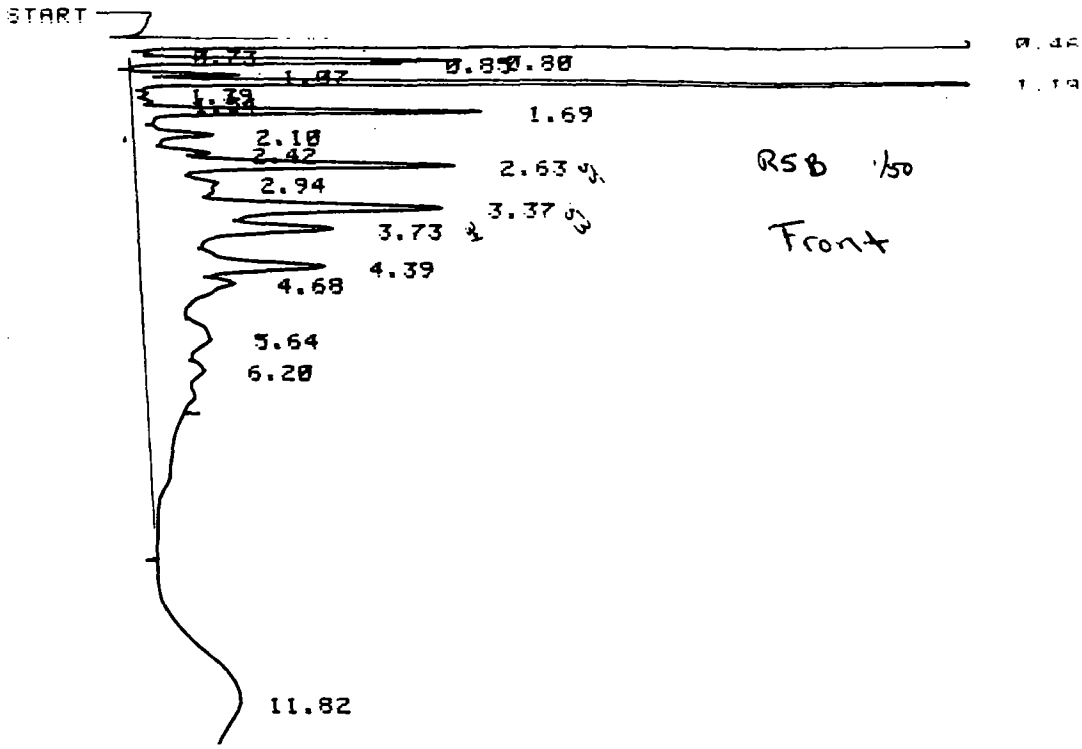
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC-WAI 7/2

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	RSB	11/10	19	88	5		55		53		24			132	264	163	1/50		8150
Back	RSB	11/12	16	35	5		—		—		—			0					ND

8150 ug/L x .005 = 40.75 ug total

40.75 ug / 96 L of air sampled = 0.4244 ug/L in air or 0.4244 mg/m3

FLOW B 0.0 29.2



HP RUN # 19 NOV/10/87 TIME 03:06:41
ID:167823 BOTTLE 88
AREA %

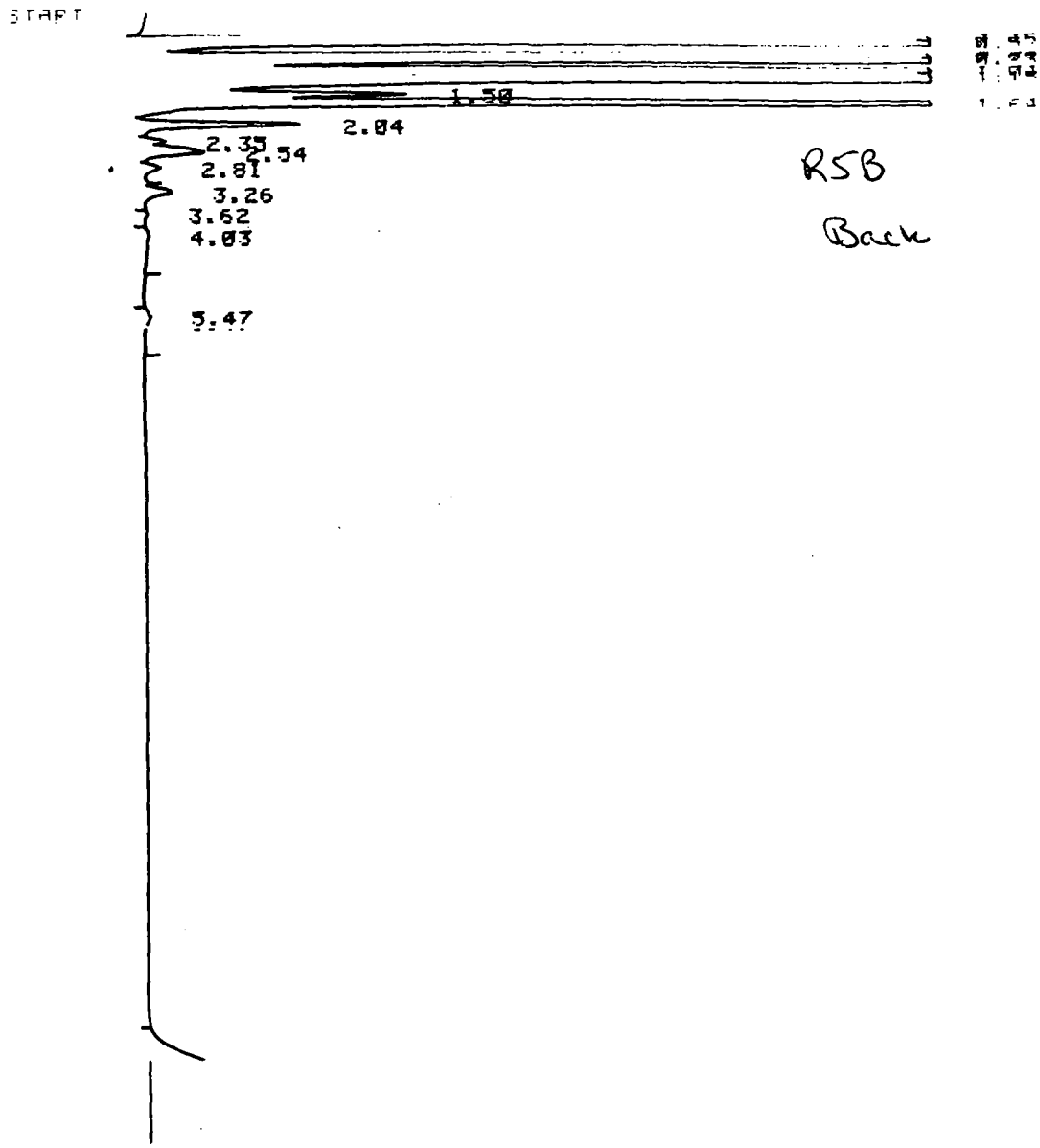
RT	AREA	AREA %
0.46	72040	17.374
0.73	637	0.154
0.80	4519	1.090
0.85	4263	1.028
1.07	2260	0.545
1.19	19910	4.802
1.39	823	0.198
1.54	1052	0.254
1.69	10890	2.626
2.10	5204	1.255
2.42	3707	0.894
2.63	15590	3.760
2.94	9640	2.325
3.37	21500	5.185
3.73	15560	3.753
4.39	16750	4.040
4.68	10610	2.559
5.64	8904	2.147
6.20	5665	1.366
11.82	52040	12.550
14.24	72440	17.470
19.69	18740	4.519
21.25	34280	8.267
23.28	7628	1.840

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190

ROLS CORPORATION BUFFALO NEW YORK GC GC WAI 74703/ 9270-0625



HP RUN # 16 NOV/12/87 TIME 01:13:00
ID:167823 BOTTLE 35
AREA %

RT	AREA	AREA %
0.45	98260	5.064
0.52	139900	7.210
0.78	182000	9.379
0.83	242400	12.492
1.04	105600	5.442
1.15	1089000	56.120
1.50	8756	0.451
1.64	43970	2.266
2.04	5018	0.259
2.35	741	0.038
2.54	3074	0.158
2.81	625	0.032
3.26	999	0.051
3.62	124	0.006
4.03	544	0.028
5.47	394	0.020
19.05	19090	0.984

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	35.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250

GRAPHIC CONTROLS
GRAPHIC CONTROLS CORPORATION BUFFALO

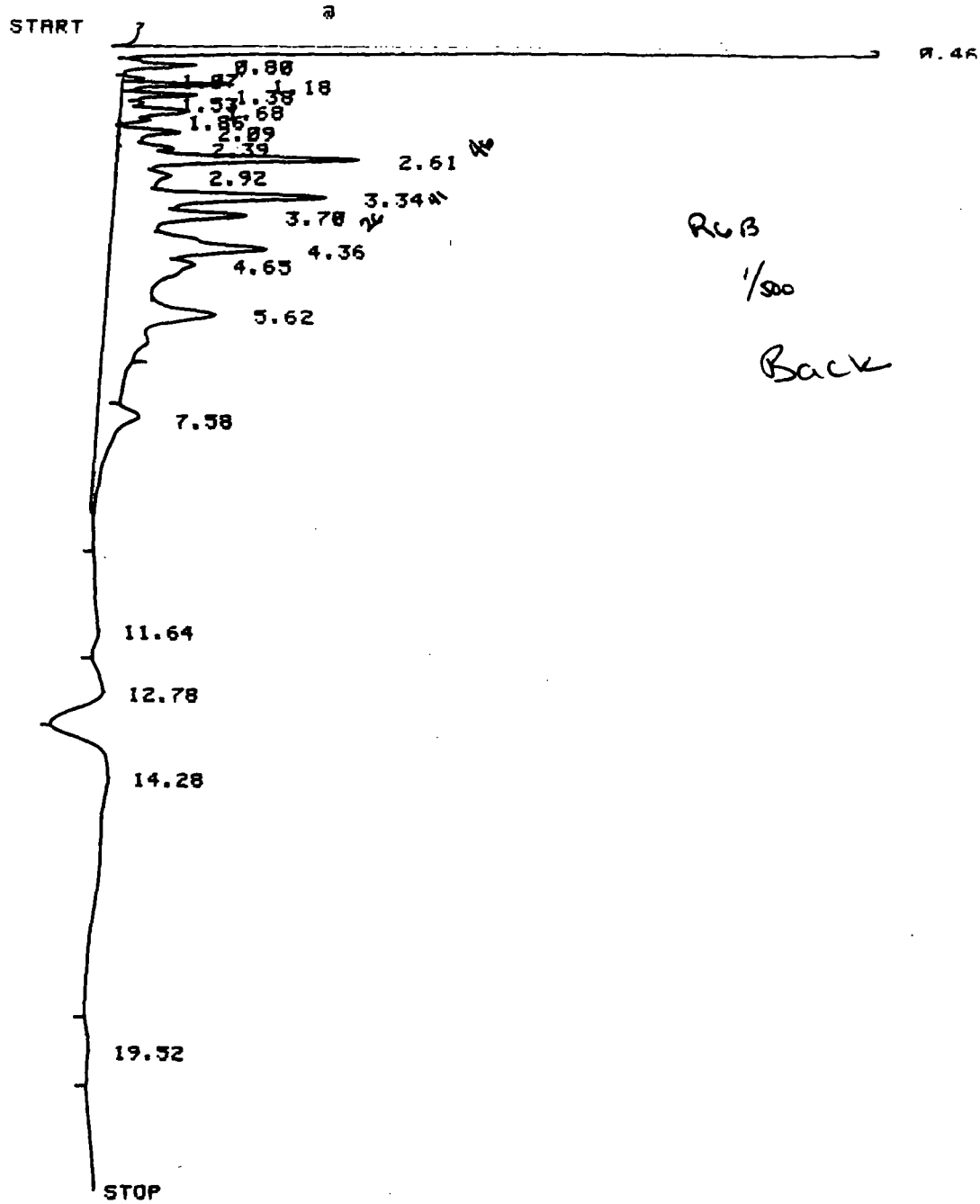
	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R6B	11/10	10	57	5		46		41		26			113	226	138	1/500		→ 69131
Back	R6B	11/11	26	73	5		117		38		8			163	326	203.6	1/10		2036

Front — 69131 ug/L × 0.005 L = 345.7 ug total

Back 2036 ug/L × 0.002L = 4.072 ug total

349.77 ug on tube

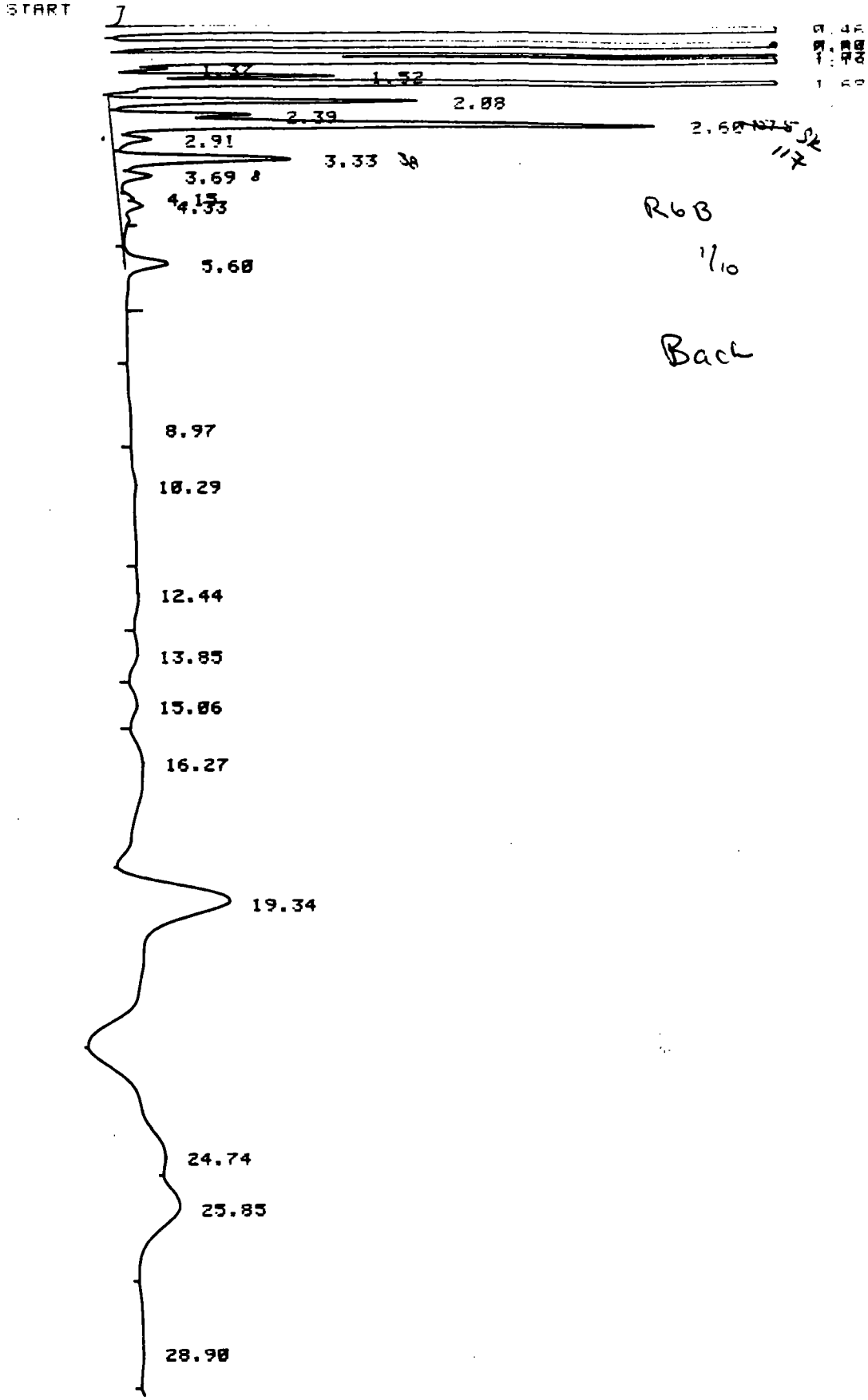
349.77 ug / 96 L of air = 3.64 ug/L air = 3.64 mg/m3



HP RUN # 10 NOV/10/87 TIME 16:24:30
ID:167823 BOTTLE 57
AREA %

RT	AREA	AREA %
0.46	70140	28.507
0.80	2834	1.152
1.07	782	0.318
1.18	2804	1.140
1.38	2270	0.923
1.53	863	0.351
1.68	3218	1.308
1.86	1015	0.413
2.09	2906	1.181
2.39	2627	1.068
2.61	11810	4.800
2.92	4775	1.941
3.34	13320	5.414
3.70	9206	3.742
4.36	14970	6.084
4.65	9426	3.831
5.62	12880	5.235
7.58	1357	0.552
11.64	13550	5.507
12.78	13390	5.442
14.28	50330	20.456
19.52	1568	0.637

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625



HP RUN # 26 NOV/11/87 TIME 01:37:17
ID:167823 BOTTLE 73
AREA %

RT	AREA	AREA %
0.46	84640	12.692
0.80	36160	5.422
0.84	38020	5.701
1.07	14370	2.155
1.18	146600	21.983
1.37	1546	0.232

	Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R7B	11/10	21	90	5		61		56		35			152	304	189	1/50		9462
Back	R7B	11/12	18	37	5		132		45		6			183	366	229.8			229.8

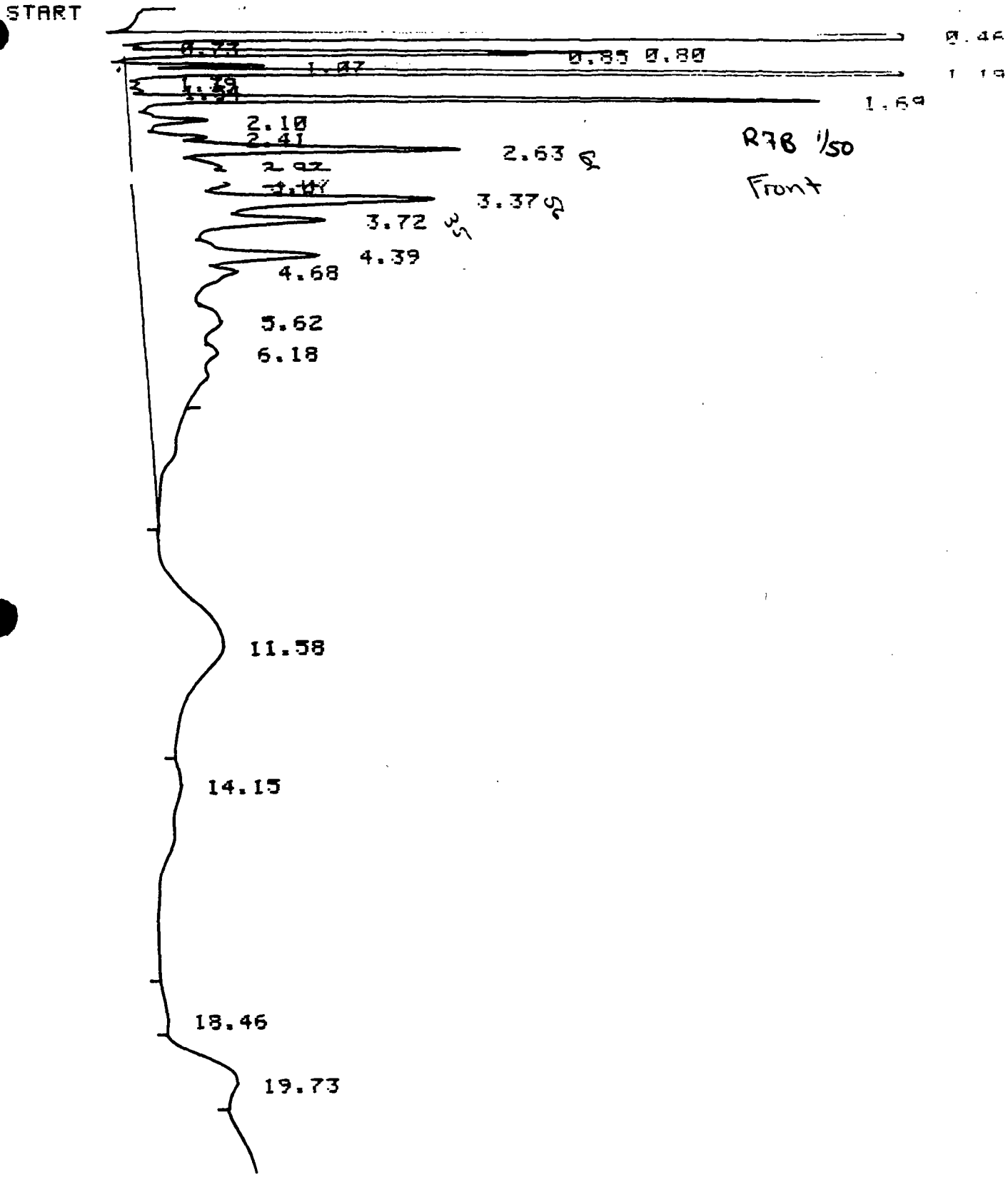
Front $9462\ ug/L \times 0.005 = \cancel{47.3\ ug/L}$ SK $47.3\ ug$

Back $229.8\ ug/L \times 0.002 = 0.4596\ ug$

47.76 total ug

$47.76\ ug / 96\ L$ of air sampled $= 0.497\ ug/L$ in air $= 0.497\ mg/m^3$

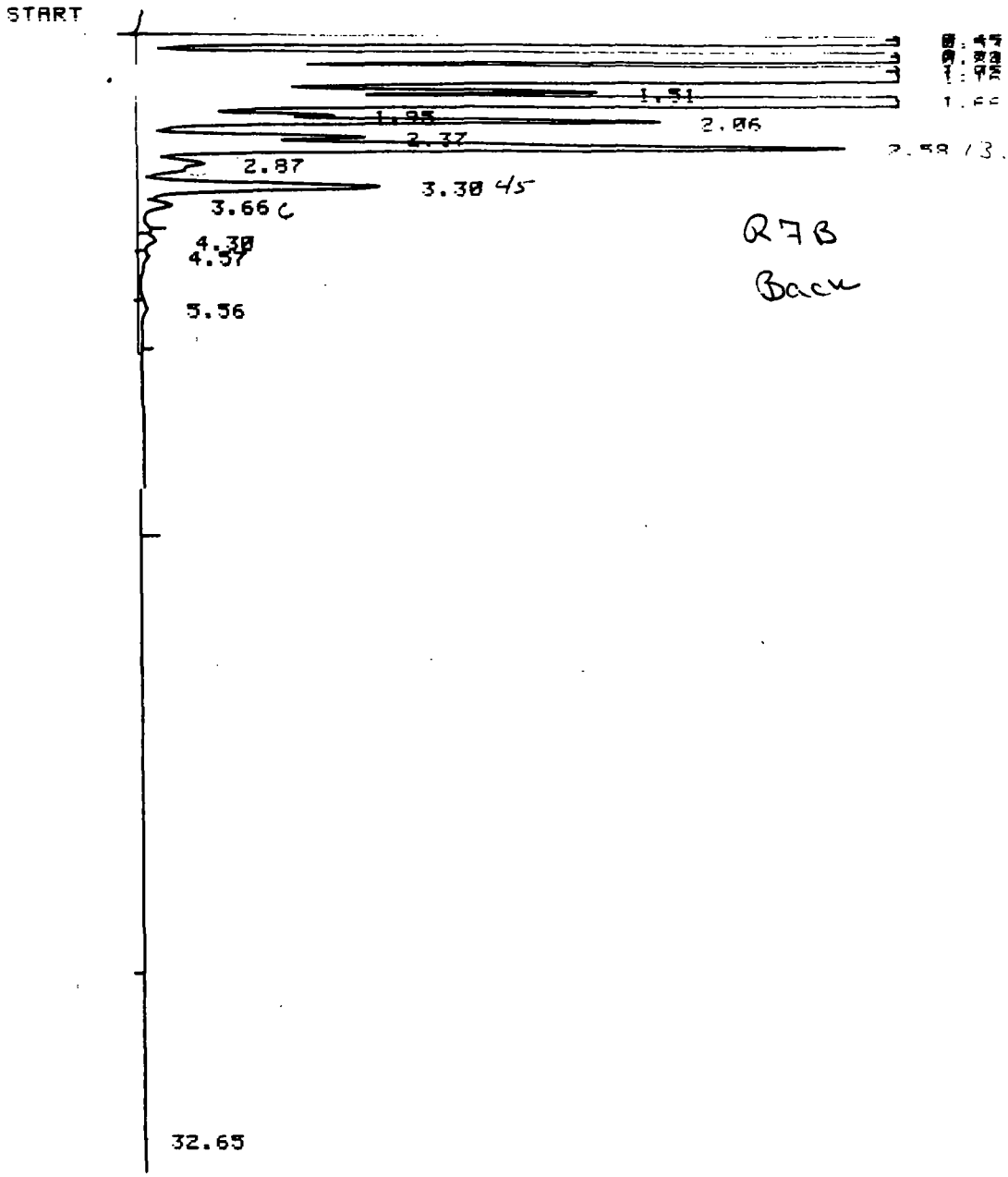
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW B 0.0 29.3



P RUN # 21 NOV/10/87 TIME 04:05:44
ID:167823 BOTTLE 90
AREA %

RT	AREA	AREA %
0.46	72300	17.362
0.73	557	0.134
0.80	6790	1.631

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 30.6



HP RUN # 18 NOV/12/87 TIME 02:31:04
ID:167823 BOTTLE 37

AREA %

RT	AREA	AREA %
0.45	118700	3.889
0.53	149200	4.888
0.79	243800	7.988
0.84	313900	10.285
1.05	124500	4.079
1.16	1568000	51.375
1.51	14400	0.472
1.66	429600	14.076
1.95	5186	0.170
2.06	18260	0.598
2.37	7634	0.250
2.58	32810	1.075
2.87	5222	0.171
3.30	12280	0.402

GC GC-WAI 74703/ 9270-0625
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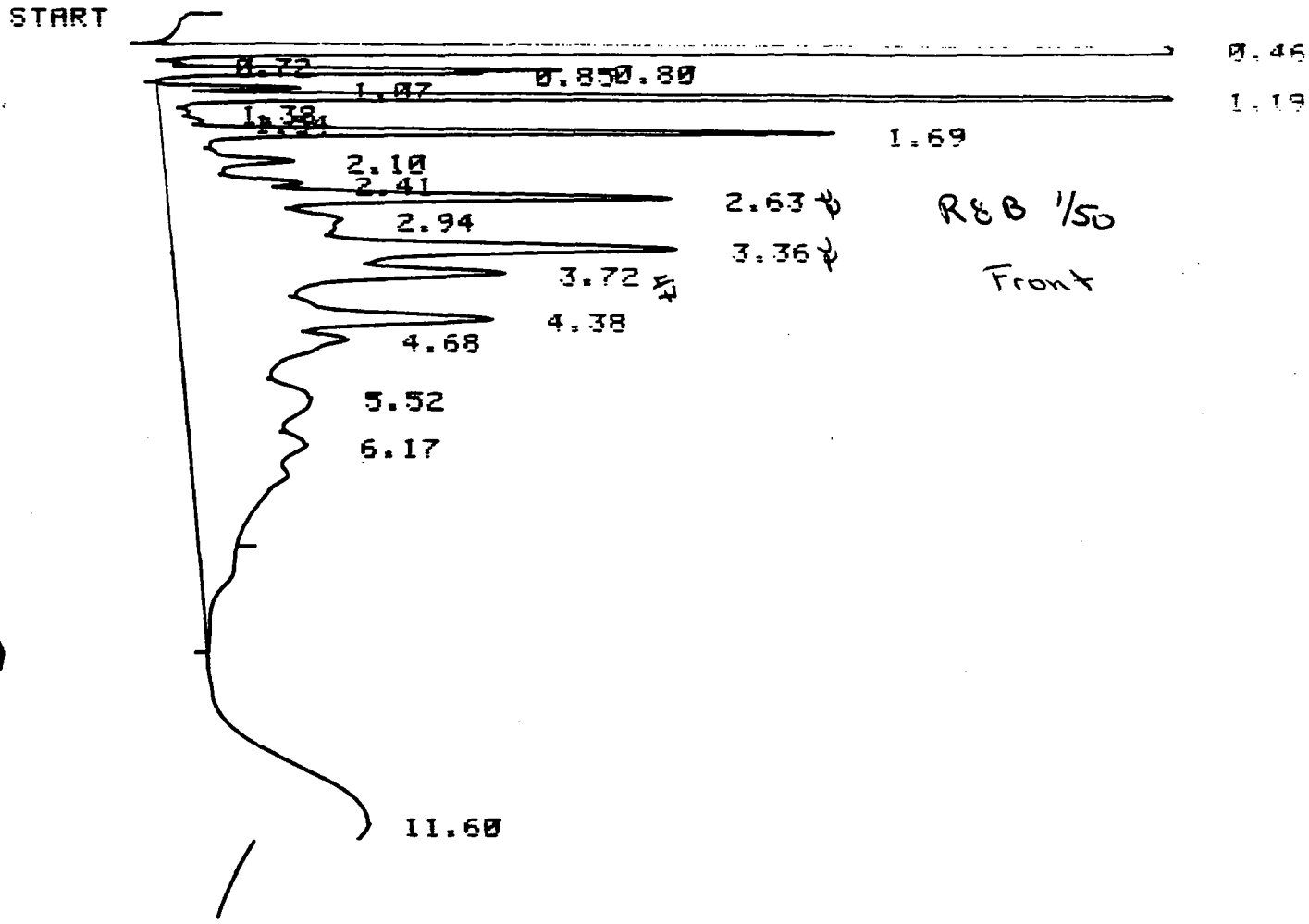
GC GC WAI 74703/ 9270-0625

	Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Front	R8B	11/10	22	91	5		72		72		47			191	382	240	1/50		12011
Back	R8B	11/12	19	38	5		–		–		–			0					ND

12011 ug/L × .005 L = 60.06 total ug

60.06 ug / 96 L of air sampled = 0.626 ug/L of air = 0.626 mg/m³

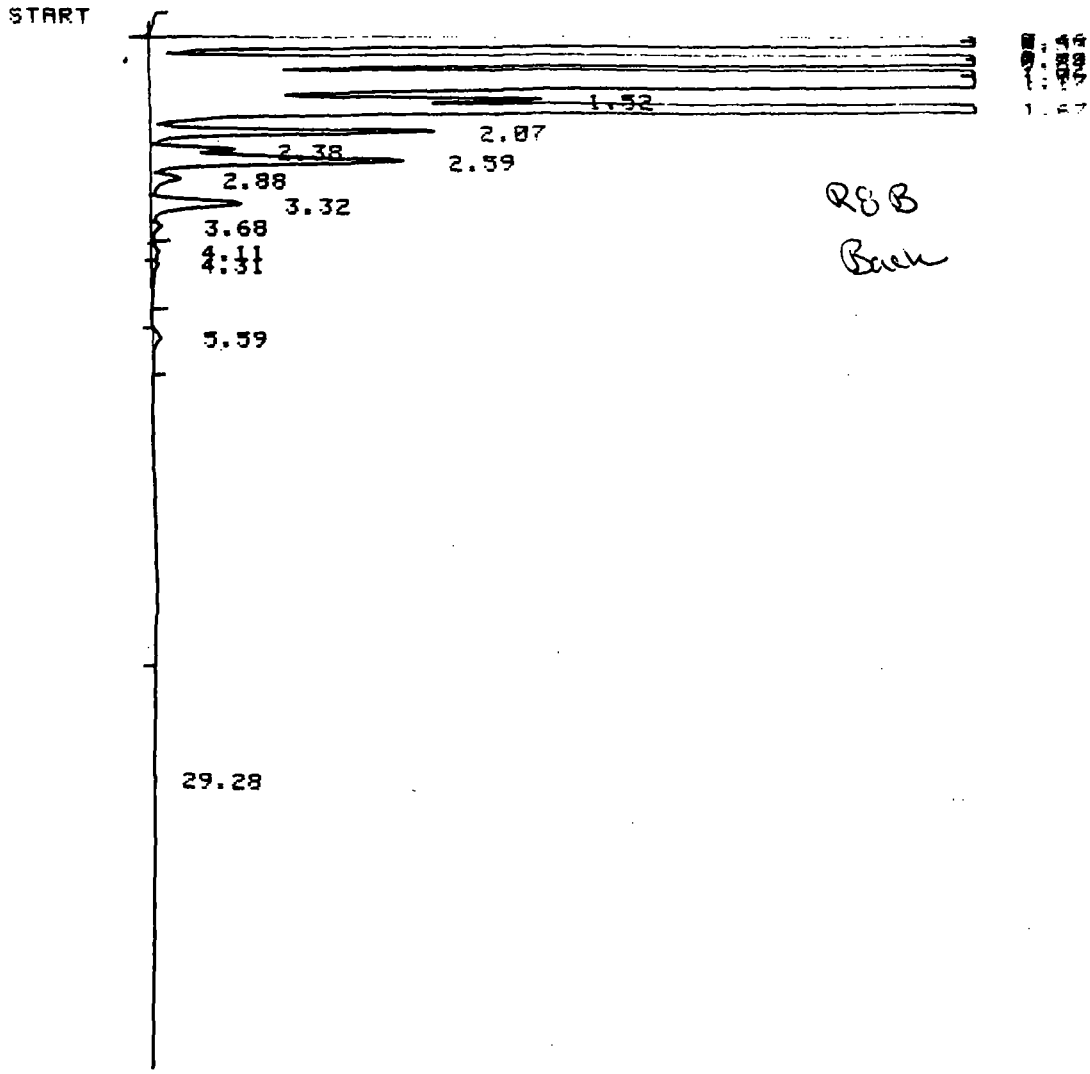
CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +B
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.1
FLOW 'B 0.0 29.3



HP RUN # 22 NOV/10/87 TIME 04:35:20
ID:167823 BOTTLE 91
AREA %

RT	AREA	AREA %
0.46	71640	13.449
0.72	718	0.135
0.80	4731	0.888
0.85	4368	0.820
1.07	2607	0.489
1.19	24650	4.627
1.38	1038	0.195
1.54	1966	0.369
1.69	16280	3.056
2.10	8450	1.586
2.41	6396	1.201
2.63	21780	4.089
2.94	16550	3.107
3.36	32190	6.043
3.72	23990	4.504
4.38	25390	4.766
4.68	19220	3.608

AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 30.3



HP RUN # 19 NOV/12/87 TIME 03:10:08
ID:167823 BOTTLE 38
AREA %

RT	AREA	AREA %
0.46	107600	4.475
0.53	115600	4.807
0.79	189300	7.872
0.84	244100	10.151
1.06	118100	4.911
1.17	1432000	59.553
1.52	12640	0.526
1.67	148800	6.188
2.07	9492	0.395
2.38	2809	0.117
2.59	11610	0.483
2.88	1887	0.078
3.32	4454	0.185
3.68	470	0.020
4.11	260	0.011
4.31	421	0.018
5.59	531	0.022
19.40	3297	0.137
29.28	1225	0.051

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 35.00
INJ TEMP 400 225 225

Calibration Curve - Aroclor 1242

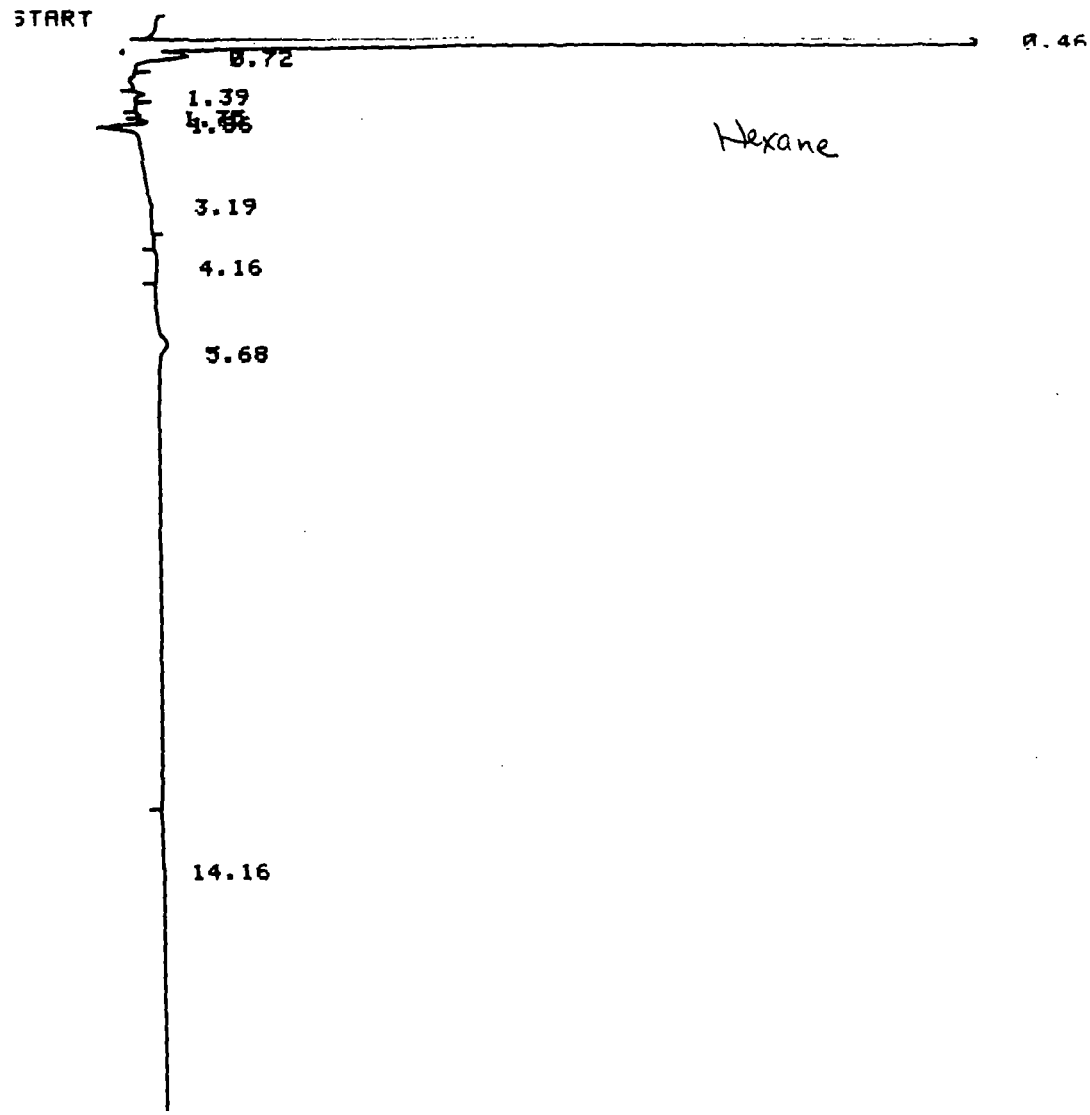
Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Hex	11/17	1	50	5		–		–		–								
25 ppb	↓	8	57	4		19		25		17			61	61				
50 ppb		9	58	4		35		45		30			110	110				
100 ppb		2	51	5		31		38		25			94	188				
200 ppb		3	52	6		32		36		24			92	368				
500 ppb		10	59	7		36		41		29			106	848				

Curve Corr. = 0.9997

Intercept = 25.9

Slope = 1.652

OPTN # 3 0
INJ/BTL, STROKE: 1 2 0



HP RUN # 1 NOV/17/87 TIME 09:26:46
ID:167823 BOTTLE 50
AREA %

RT	AREA	AREA %
0.46	70100	72.442
0.72	2102	2.172
1.39	169	0.175
1.75	262	0.271
1.86	826	0.854
3.19	5437	5.619
4.16	369	0.381
5.68	10440	10.789
14.16	938	0.969
19.54	6124	6.329

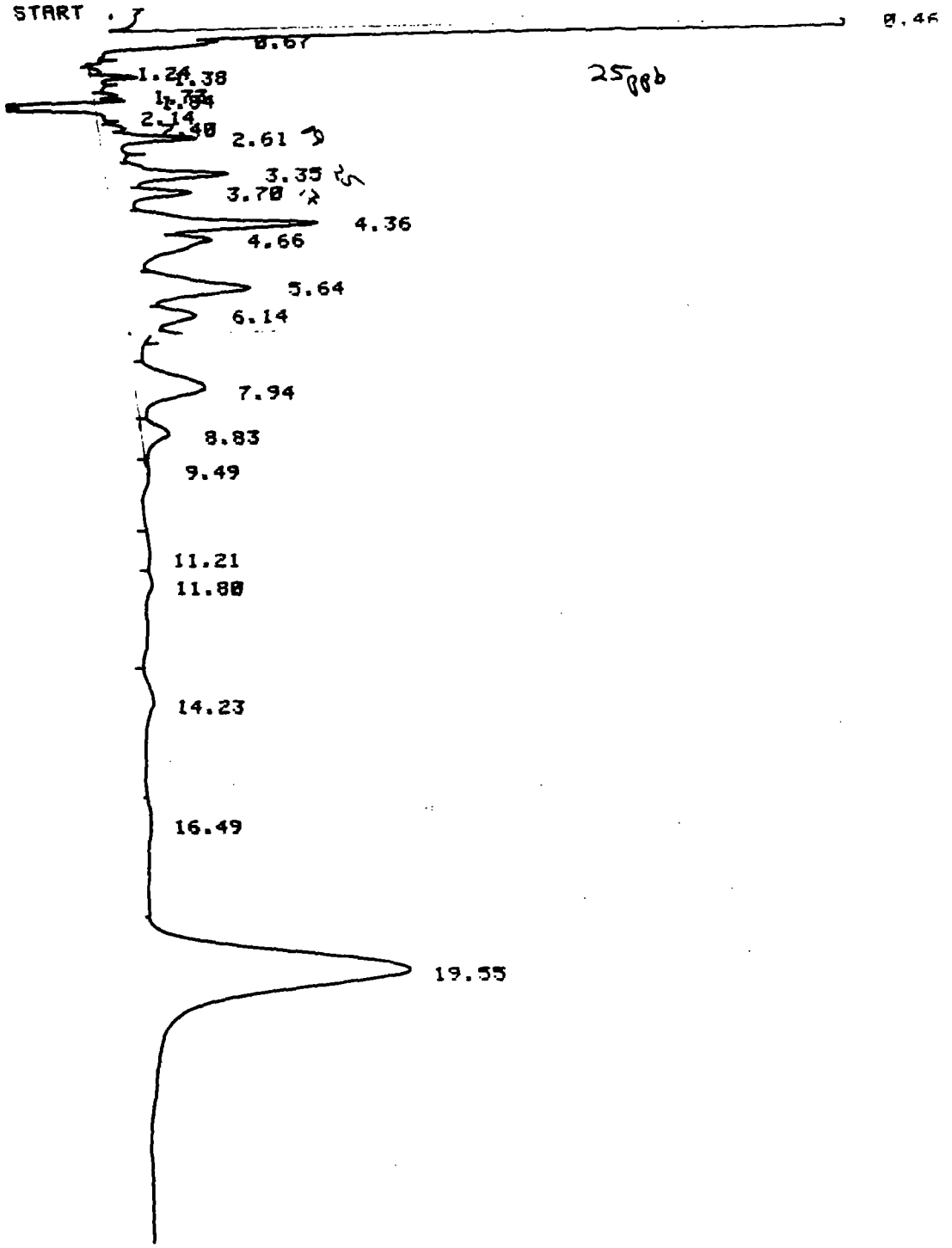
DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1	400	190	190
TIME1	25.00		
INJ TEMP	400	225	225
FID TEMP	400	115	115
AUX TEMP	400	250	250
CHT SPD	1.00		
ZERO	15.0		
ATTN 2†	5		

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0623

ZERO 10.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.6



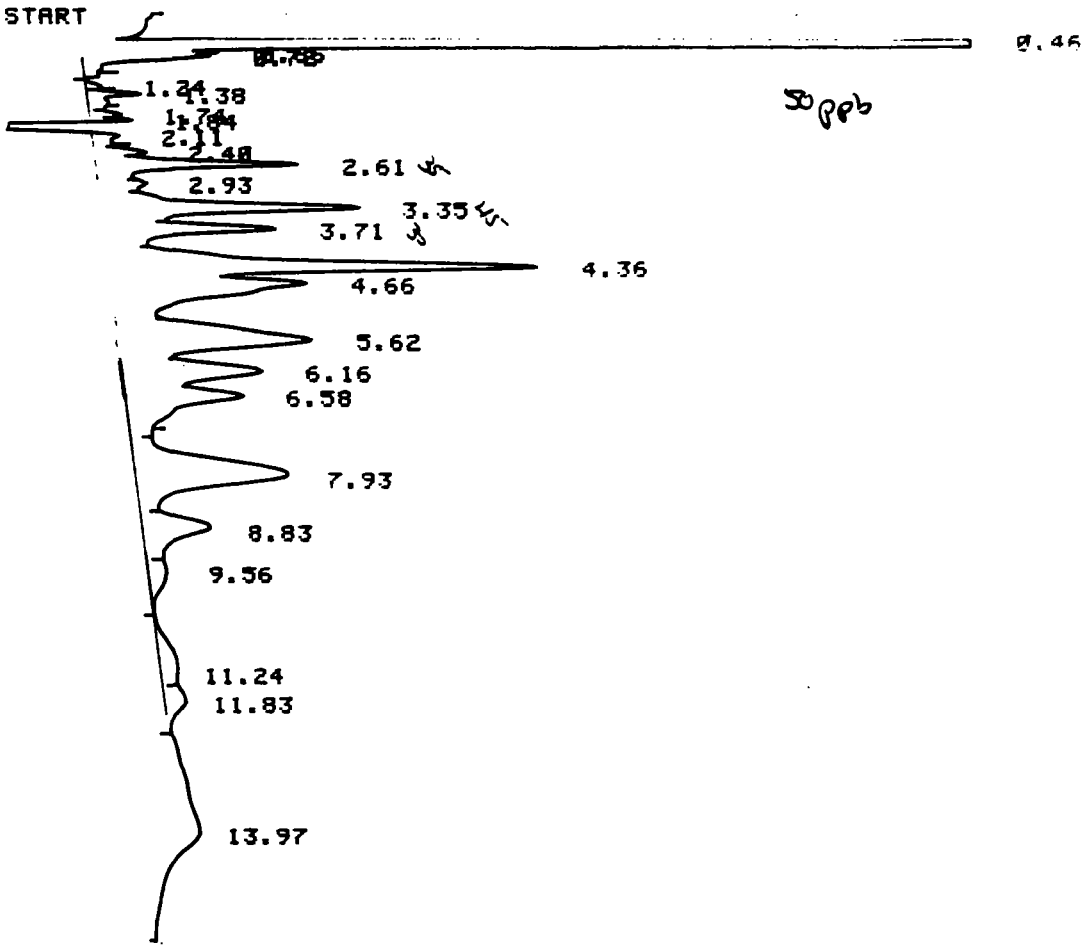
HP RUN # 8 NOV/17/87 TIME 16:33:19
ID:167823 BOTTLE 57
AREA %

RT	AREA	AREA %
0.46	69380	43.062
0.67	2669	1.657
1.24	84	0.052
1.38	416	0.258
1.73	846	0.525
1.84	1716	1.065
2.14	793	0.492
2.40	158	0.098
2.61	1649	1.023
3.35	3203	1.988
3.70	1788	1.110

GC GC-WAN 74703/ 9270-0623
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK
GC GC-WAN 74703/ 9270-0623

INJ TEMP	400	225	226
FID TEMP	400	115	115
AUX TEMP	400	250	250

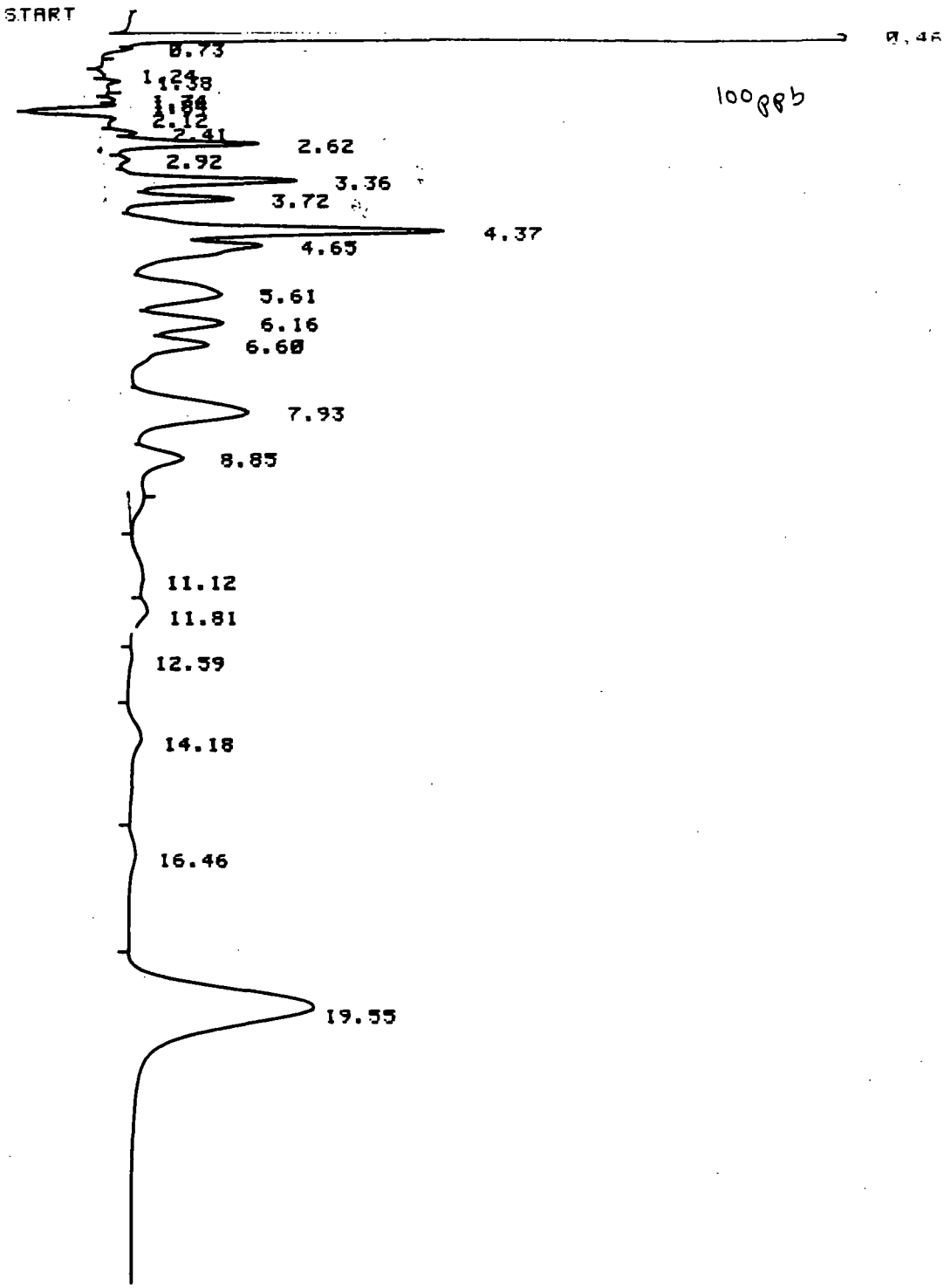
CHT SPD	1.00
ZERO	15.0
ATTN 2↑	4
AUX SGNL	+8
SLP SENS	0.10
AREA REJ	0
FLOW A	0.0 0.2
FLOW B	0.0 29.6



HP RUN # 9 NOV/17/87 TIME 17:02:46
ID:167823 BOTTLE 58
AREA %

RT	AREA	AREA %
0.46	69280	32.184
0.66	861	0.400
0.72	1353	0.629
1.24	59	0.027
1.38	340	0.158
1.74	815	0.379
1.84	1680	0.780
2.11	1080	0.502
2.40	408	0.190
2.61	3624	1.684
2.93	803	0.373
3.35	7366	3.422
3.71	4433	2.059
4.36	13880	6.448
4.66	8792	4.084
5.62	10220	4.748
6.16	5467	2.540
6.58	4465	2.074
7.93	9582	4.451
8.83	3400	1.579
9.56	1159	0.538
11.24	2629	1.221
11.83	3263	1.516
13.97	12360	5.742
16.50	914	0.425
19.51	46810	21.746
23.70	217	0.101

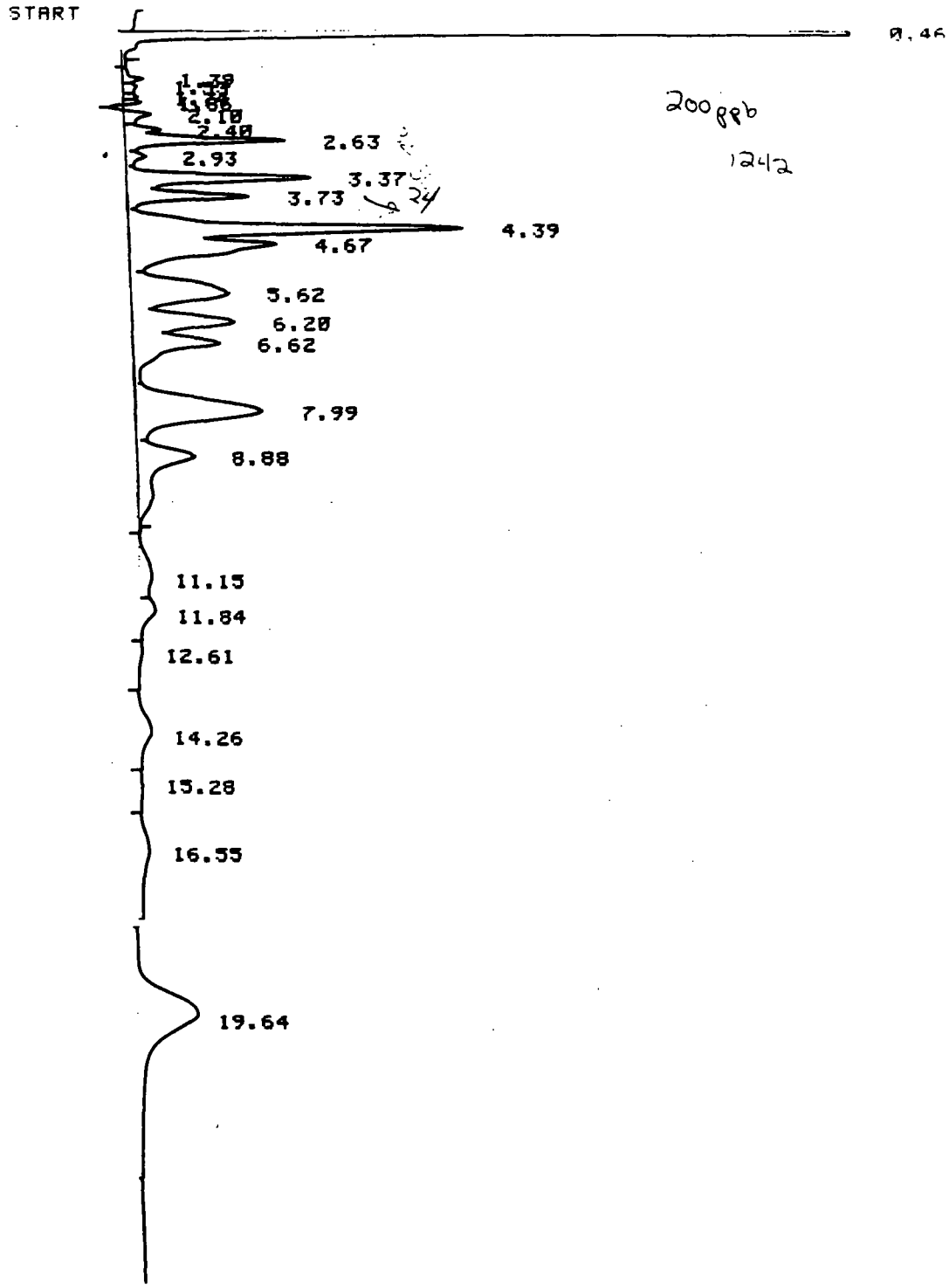
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625



HP RUN # 2 NOV/17/87 TIME 09:55:09
ID:167823 BOTTLE 51
AREA %

RT	AREA	AREA %
0.46	89440	21.030
0.73	787	0.185
1.24	130	0.031
1.38	348	0.082
1.74	1038	0.244
1.84	1566	0.368
2.12	4318	1.015
2.41	7958	1.871
2.62	16220	3.814
2.92	7912	1.860
3.36	24470	5.754
3.72	18240	4.289
4.37	40920	9.621
4.65	32780	7.707
5.61	32500	7.642
6.16	19210	4.517
6.60	[illegible]	[illegible]

BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625
GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625

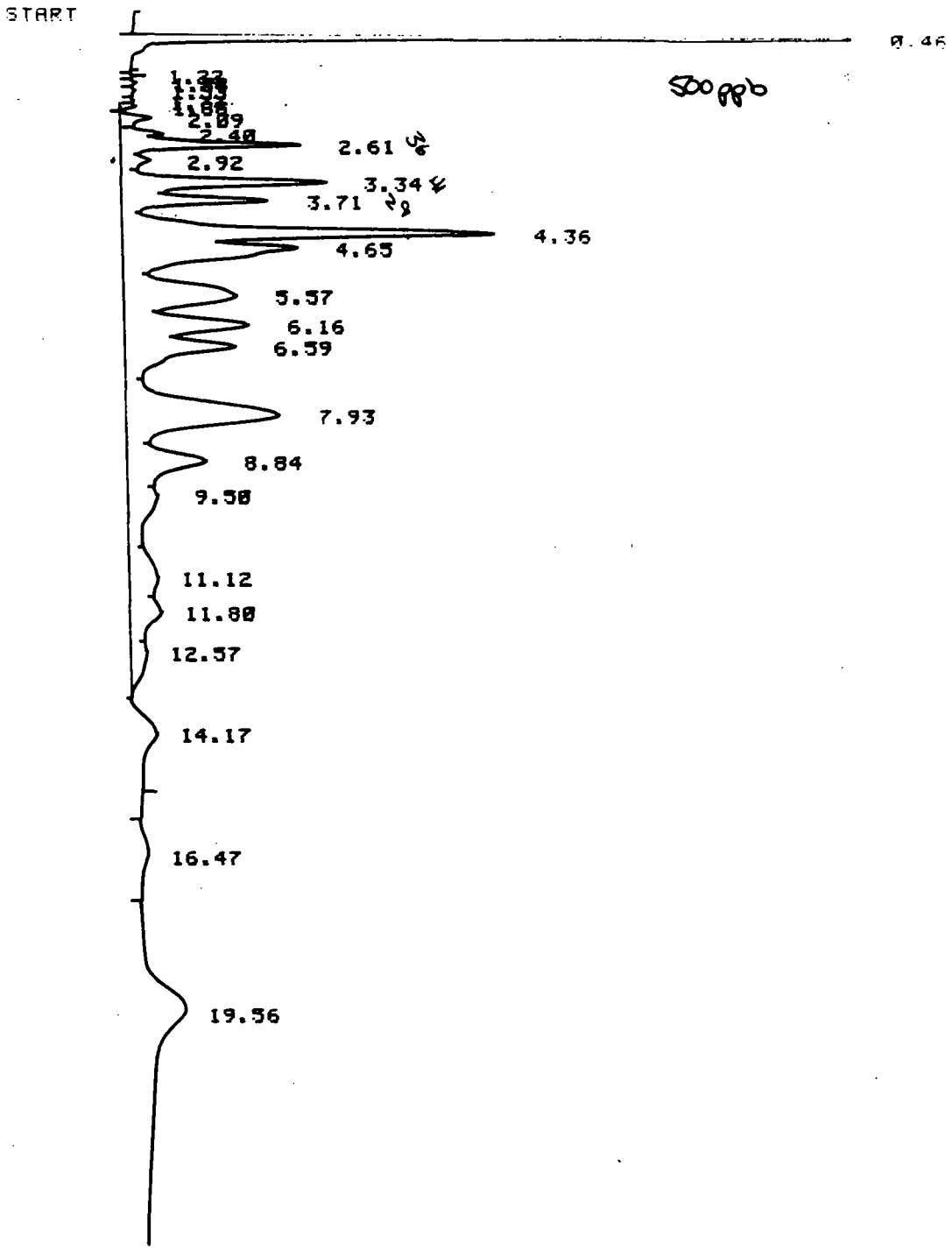


HP RUN # 3 NOV/17/87 TIME 10:36:23
ID:167823 BOTTLE 52
AREA %

RT	AREA	AREA %
0.46	83080	16.848
1.39	2136	0.433
1.53	2051	0.416
1.74	2144	0.435
1.86	2163	0.439
2.10	5143	1.043
2.40	5052	1.025
2.63	19030	3.859
2.93	5022	1.018
3.37	27280	5.532
3.73	18670	3.786
4.39	55590	11.274
4.67	39760	8.063
5.62	37110	7.526
6.20	25820	5.236
6.62	25820	5.236

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAN 74703/ 9770-0625

GRAPHIC CONTROLS CORPORATION BUFFALO NEW



GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625

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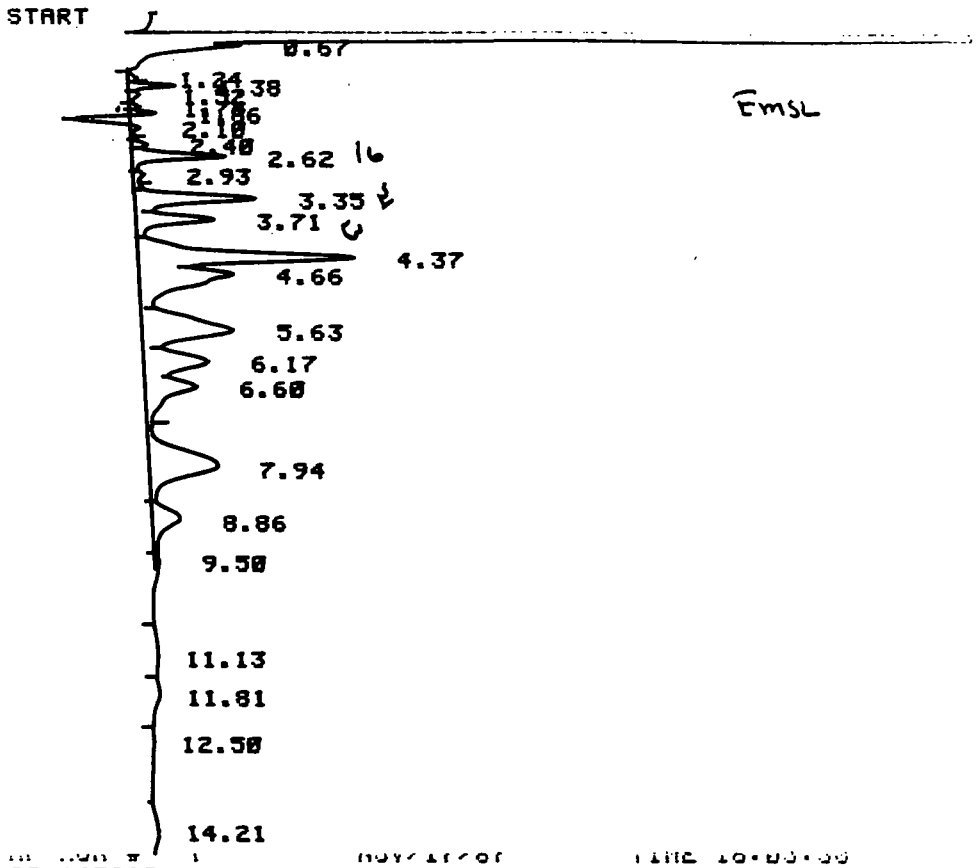
HP RUN # 10 NOV/17/87 TIME 17:32:27
ID:167823 BOTTLE 59
AREA %

RT	AREA	AREA %
0.46	98980	9.303
1.22	9	0.001
1.38	656	0.062
1.53	1504	0.141
1.73	1412	0.133
1.85	1818	0.171
2.09	6205	0.583
2.40	7258	0.682
2.61	35720	3.357
2.92	7660	0.720
3.34	53170	4.997
3.71	37430	3.518
4.36	114300	10.743
4.65	82760	7.779
5.57	75660	7.111
6.16	56440	5.305
6.59	60720	5.707
7.93	126600	11.899
8.84	55970	5.261
9.50	33300	3.130

Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
EMSL	11/17		56	5		16		21		13			50	100				44.9

44.9 ug/L / 50 ug/L = ~~88~~ 89.8 % Recovery



ID:167823 BOTTLE 56
AREA %

RT	AREA	AREA %
0.46	125300	58.107
0.67	4937	2.290
1.24	136	0.063
1.38	1095	0.508
1.52	1407	0.652
1.74	1500	0.696
1.86	2090	0.969
2.10	1308	0.607
2.40	352	0.163
2.62	3304	1.532
2.93	215	0.100
3.35	5549	2.573
3.71	3469	1.609
4.37	13070	6.061
4.66	8330	3.863
5.63	9742	4.518
6.17	5346	2.479
6.60	4391	2.036
7.94	9436	4.376
8.86	3422	1.587
9.50	1143	0.530
11.13	1370	0.635
11.81	1306	0.606
12.50	372	0.173
14.21	1173	0.544
16.55	1433	0.665
19.61	4440	2.059

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8

GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK

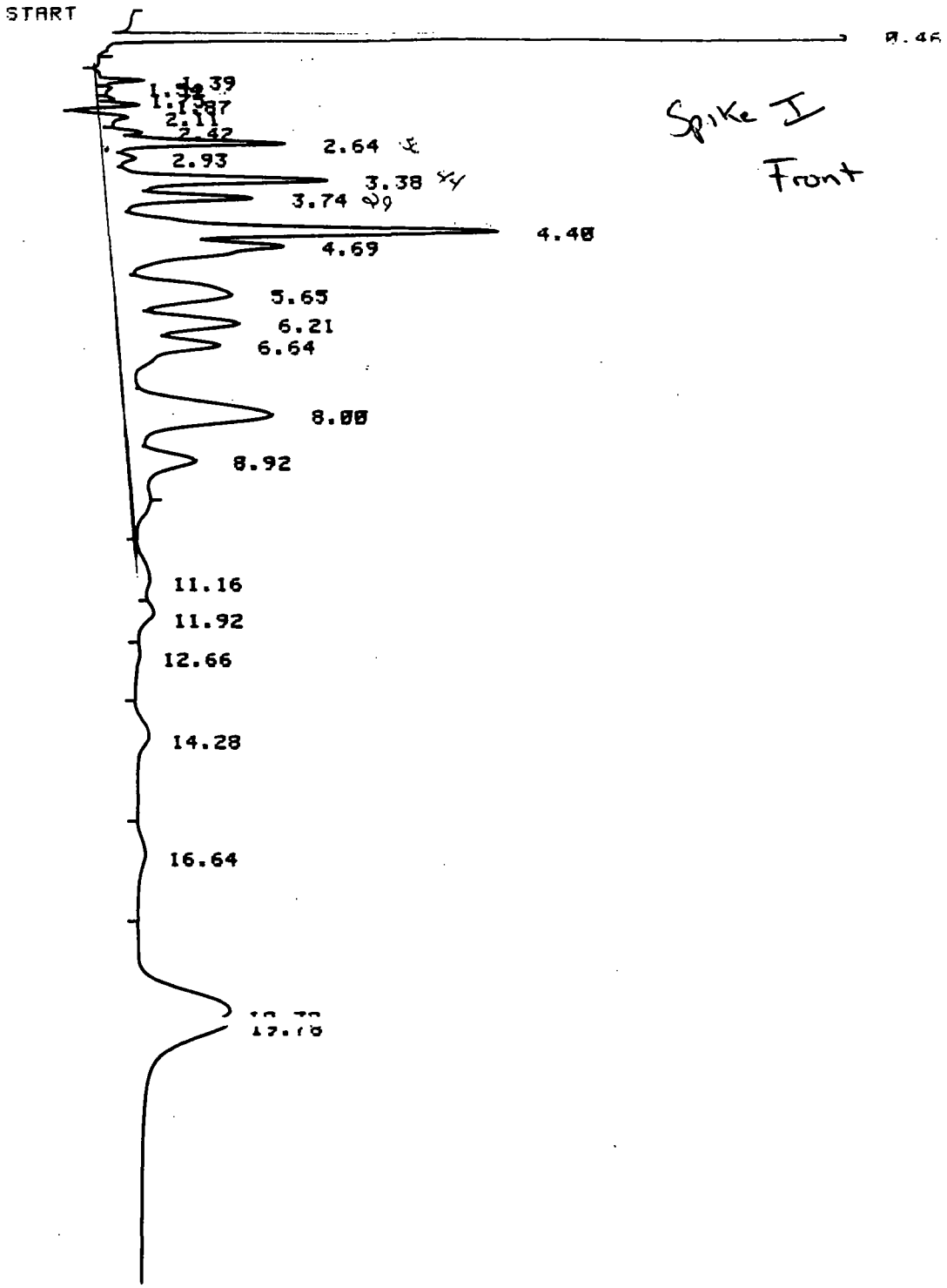
Spike I

Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
F	11/17	4	53	5		36		44		29			109	218	116.3			116.3
Back	11/17	12	61	5		—		—		—			—	—	—			—

Calculation

$$\left(116.3\ \text{ng/mL} \times 5\ \text{mL (extract amount)}\right) + \left(0\ \text{ng/mL} \times 2\ \text{mL}\right) = 581.5\ \text{ng}$$

$$\frac{581.5\ \text{ng}}{500\ \text{ng spiked}} = 1.16 \times 100\% = 116\%\ \text{recovery.}$$

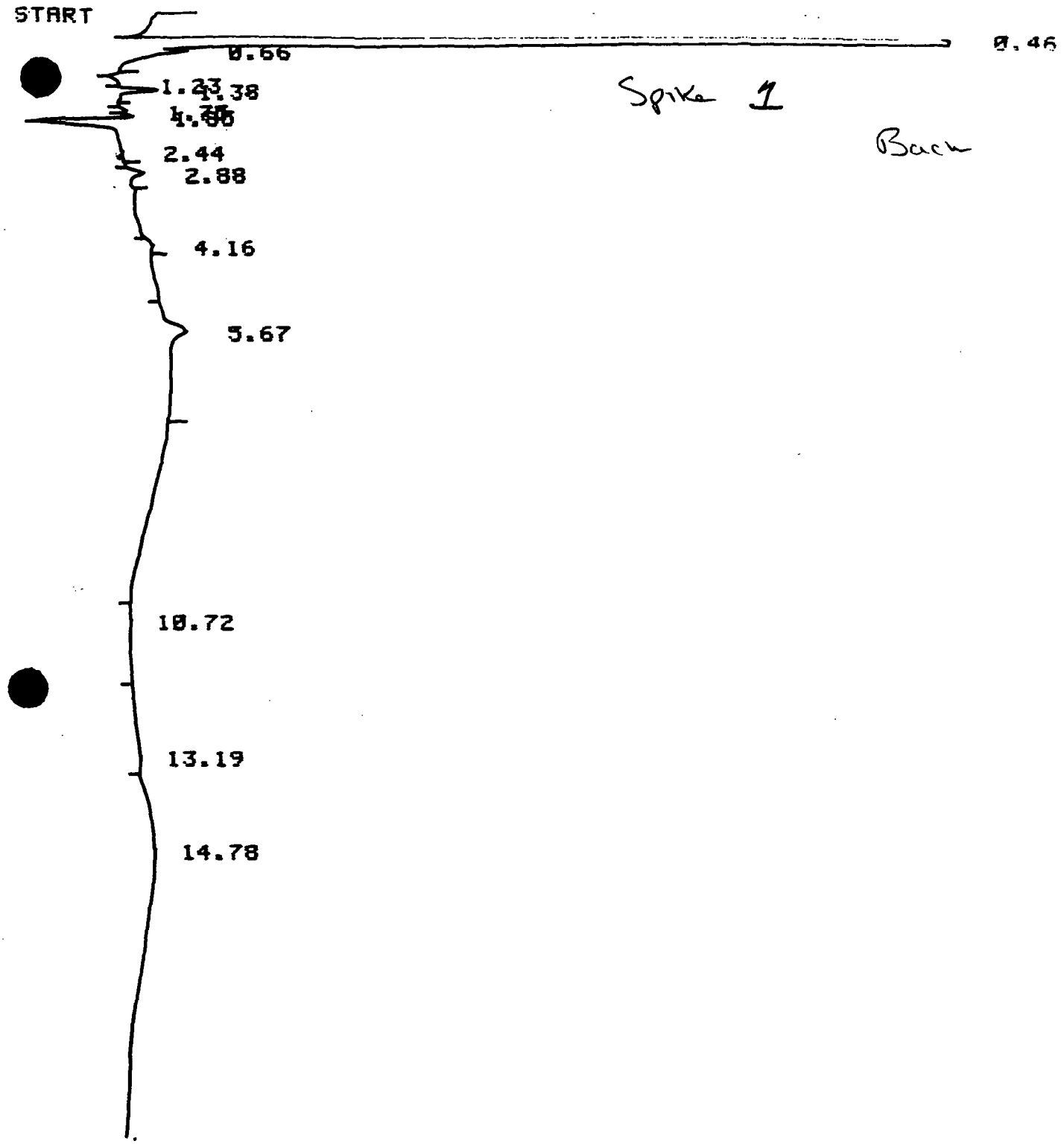


HP RUN # 4 NOV/17/87 TIME 14:08:39
ID:167823 BOTTLE 53
AREA %

RT	AREA	AREA %
0.46	66740	20.394
1.39	2081	0.636
1.54	1374	0.420
1.75	1505	0.460
1.87	2179	0.666
2.11	3210	0.981
2.42	3822	1.168
2.64	11970	3.658
2.93	4765	1.456
3.38	19560	5.977
3.74	13250	4.049
4.40	36300	11.092
4.69	26010	7.948
5.65	24360	7.444
6.21	16180	4.944
6.64	15290	4.672
8.00	26940	8.232

GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK GC GC-WAI 74703/ 9270-0625

GRAPHIC CONTROLS CORPORATION



HP RUN # 12 NOV/17/87 TIME 18:30:26
ID:167823 BOTTLE 61
AREA %

RT	AREA	AREA %
0.46	73000	58.538
0.66	2543	2.039
1.23	280	0.225
1.38	1132	0.908
1.75	733	0.588
1.85	1828	1.466
2.44	4991	4.002

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Spike II

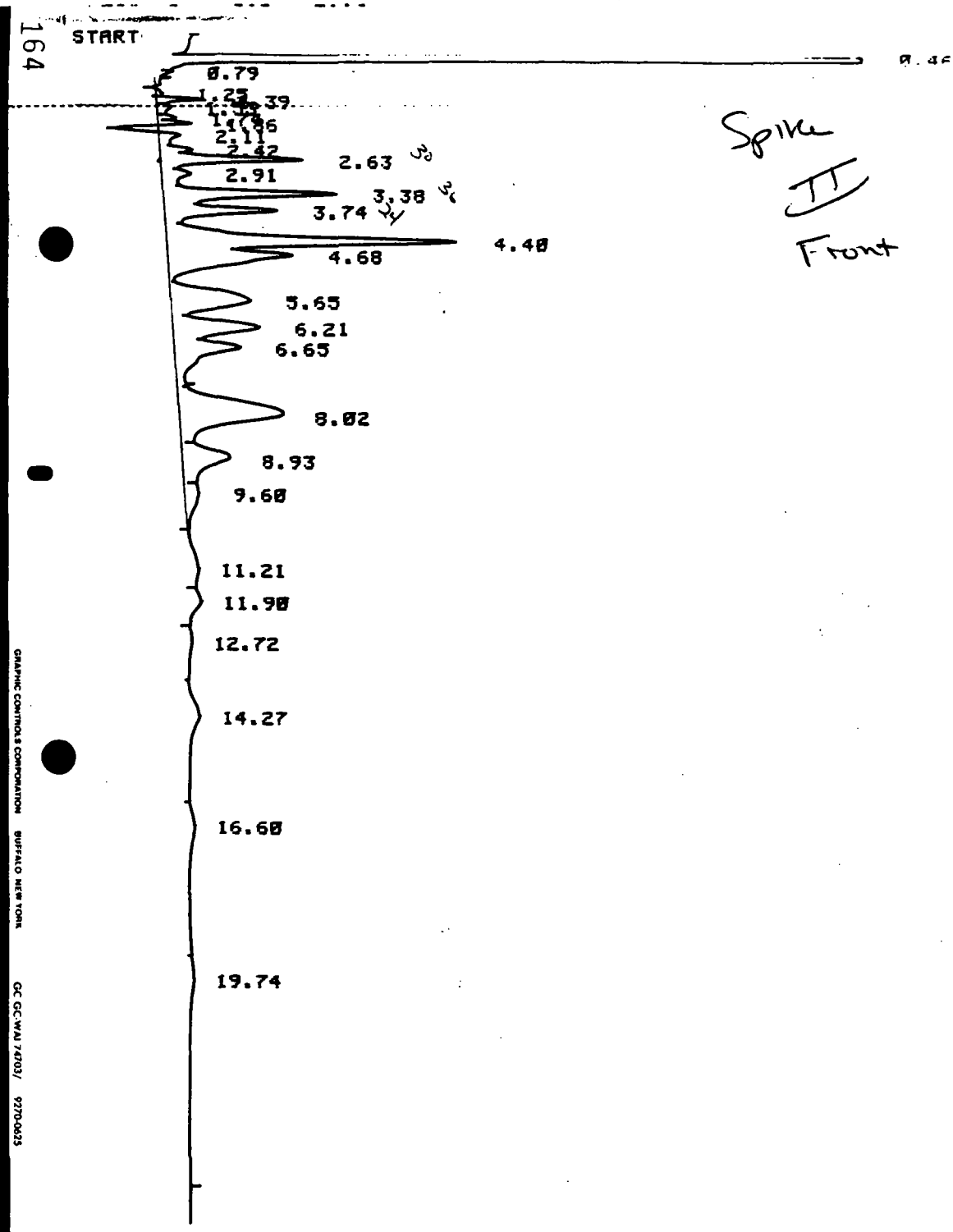
Sample #	Date	Run #	Bottle #	ATTN 2↑	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Fr.	11/17	5	54	5		30		36		24			90	180	93.3			93.3
Back	11/17	13	62	5		13		15		11			39	78	31.5			31.5

Calculations:

$$(93.3\ ng/mL \times 5mL) + (31.5\ ng/mL \times 2mL) = 529.5\ ng \text{ total}$$

$$\frac{529.5\ ng}{500\ ng \text{ Spiked}} = 1.06 \times 100\% = 106\% \text{ recovery}$$

164

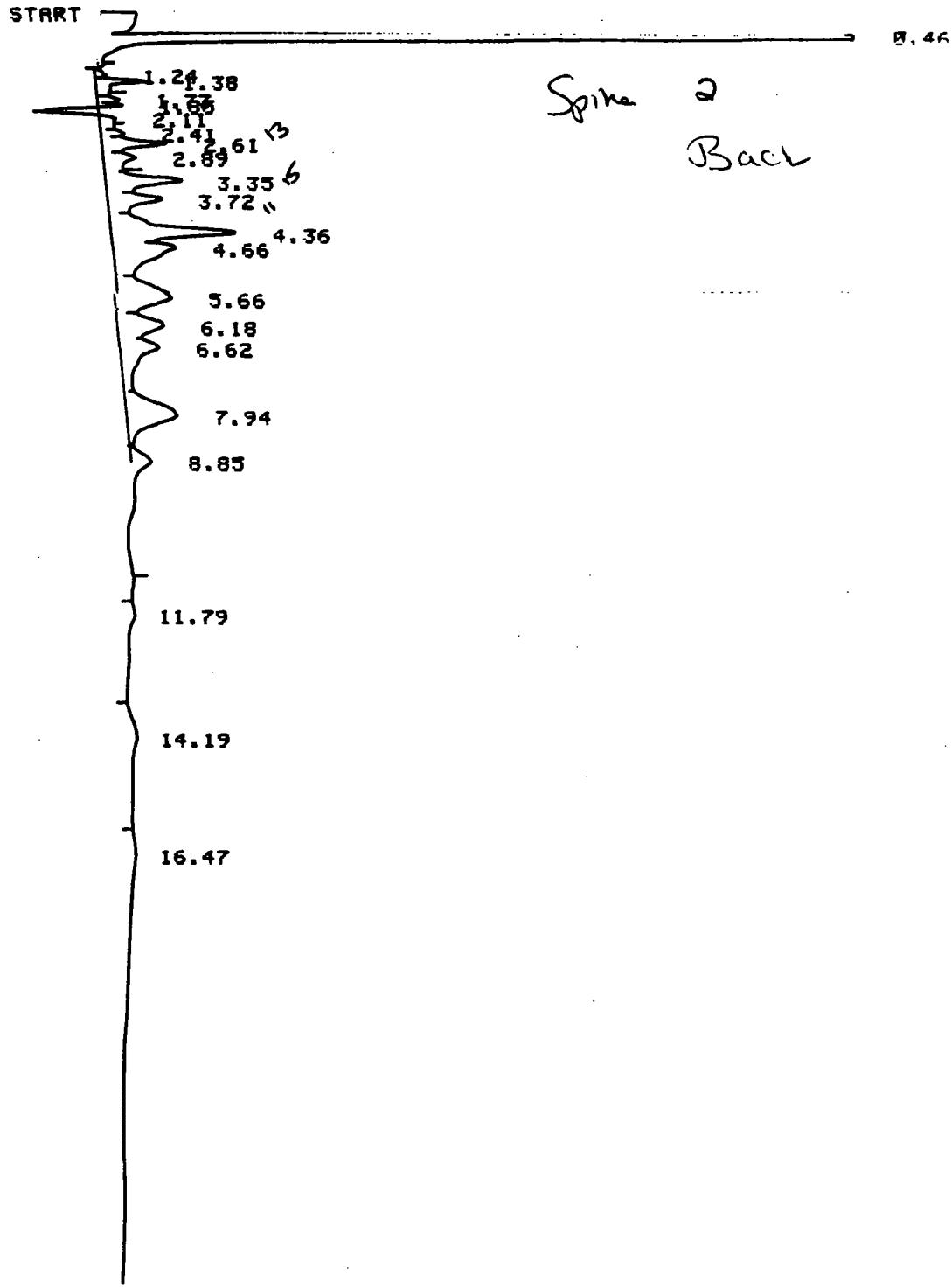


HP RUN # 5 NOV/17/87 TIME 14:38:06
ID:167823 BOTTLE 54
AREA %

165

RT	AREA	AREA %
0.46	74840	27.266
0.79	176	0.064
1.25	622	0.227
1.39	2264	0.825
1.53	1844	0.672
1.74	2530	0.922
1.86	2571	0.937
2.11	3930	1.432
2.42	5202	1.895
2.63	12510	4.558
2.91	6352	2.314
3.38	20230	7.370
3.74	13740	5.006
4.40	31270	11.392
4.68	19630	7.152
5.65	16850	6.139
6.21	10960	3.993

CHT SPD 1.00
ZERO 15.0
ATTN 2↑ 5
AUX SGNL +8
SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.6



HP RUN # 13 NOV/17/87 TIME 18:59:07
ID:167823 BOTTLE 62
AREA %

RT	AREA	AREA %
0.46	70400	48.778
1.24	220	0.152
1.38	1216	0.843
1.73	824	0.571
1.85	1759	1.219
2.11	1276	0.884
2.41	202	0.140
2.61	2022	1.401
2.89	628	0.435

GC GC-WAI 74703/ 9770-0625
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
GC GC-WAI 74703/ 9770-0625

Spike III

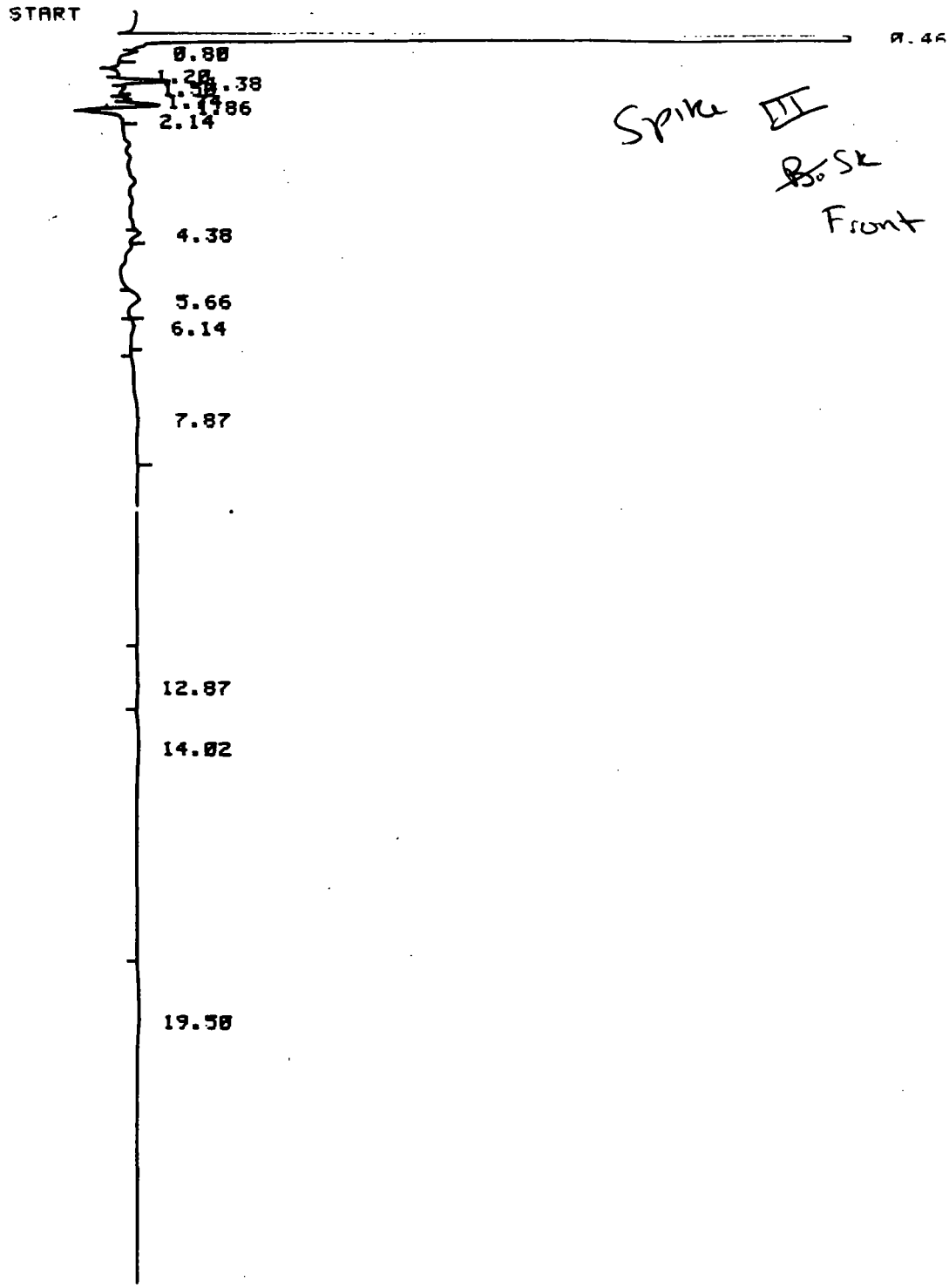
Sample #	Date	Run #	Bottle #	ATTN 2ft	RT1	H1	RT2	H2	RT3	H3	RT4	H4	Height Total	ATTN Adjustment	Extract Conc.	Dilution Factor	Sample Volume	Final Conc.
Fr.	11/17	6	55	5		—		—					0	0				0
Back	11/17	14	63	5		63		75		49			187	374	210			

Calculations:

$$\left(5\,mL \times \overset{Sk}{0}\,ng/mL\right) + \left(210\,ng/mL \times 2\,mL\right) = 420\,ng$$

$$\frac{420\,ng}{500\,ng\ Spiked} = .84 \times 100\% = 84\%$$

FLOW A 0.0 0.2
FLOW B 0.0 29.6



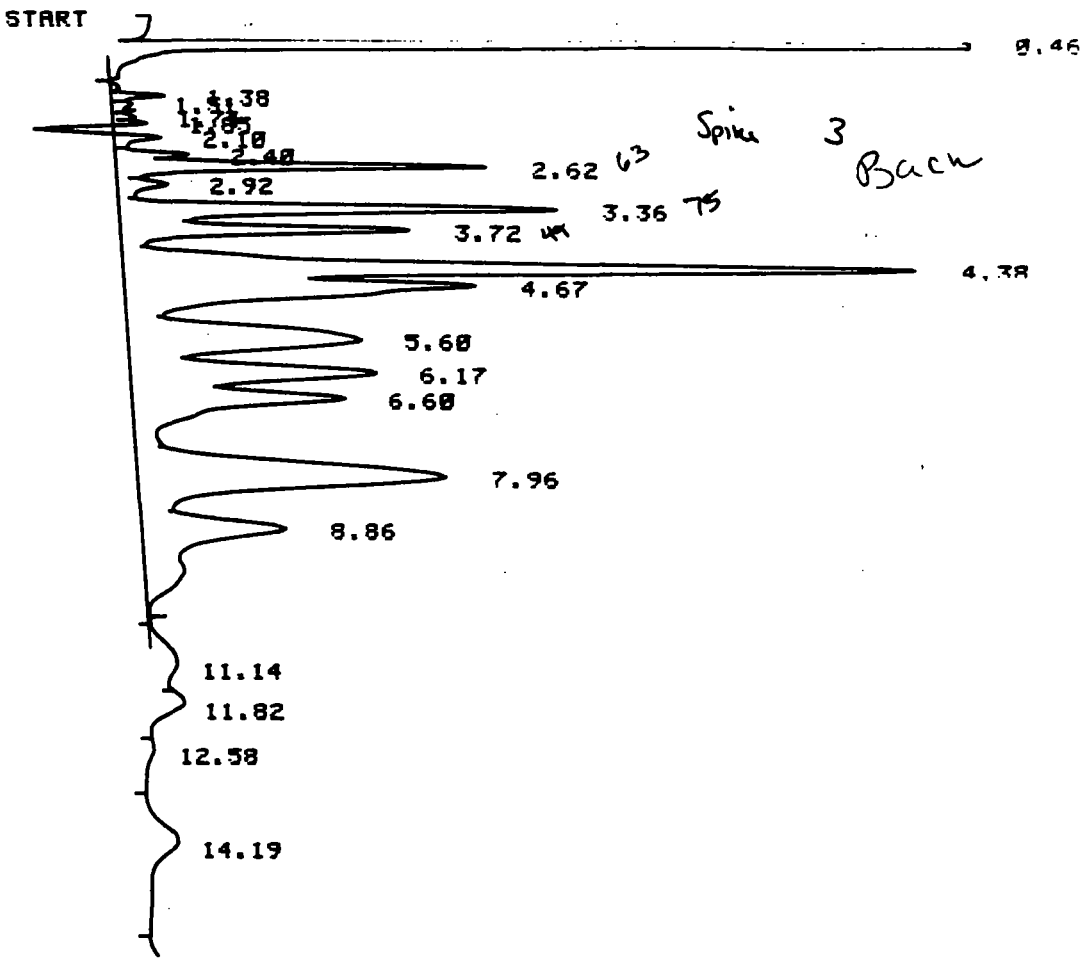
Spike III
~~Bo~~ Sk
Front

HP RUN # 6 NOV/17/87 TIME 15:07:47
ID:167823 BOTTLE 55
AREA %

RT	AREA	AREA %
0.46	73000	86.627
0.80	530	0.629
1.20	245	0.291
1.38	1331	1.579
1.50	234	0.278
1.74	564	0.669
1.86	1991	2.363
2.14	462	0.548
4.38	219	0.260
5.66	955	1.133
6.14	60	0.071
7.87	872	1.035
12.87	293	0.348
14.02	1300	1.543
19.50	[illegible]	[illegible]

GC GC-WAI 74703/ 97770-0625
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
GC GC-WAI 74703/ 97770-0625

SLP SENS 0.10
AREA REJ 0
FLOW A 0.0 0.2
FLOW B 0.0 29.6



HP RUN # 14 NOV/17/87 TIME 19:28:20
ID:167823 BOTTLE 63
AREA %

RT	AREA	AREA %
0.46	76080	14.520
1.38	1414	0.270
1.51	321	0.061
1.74	825	0.157
1.85	2042	0.390
2.10	5823	1.111
2.40	7102	1.355
2.62	21720	4.145
2.92	9042	1.726
3.36	31460	6.004
3.72	23200	4.428
4.38	63460	12.111
4.67	46870	8.945
5.60	44540	8.500
6.17	30300	5.783
6.60	31970	6.101
7.96	60430	11.533
8.86	30760	5.871
11.14	5753	1.098
11.82	5552	1.060
12.58	1091	0.208
14.19	9800	1.870
16.52	14230	2.716
23.16	189	0.036

DIL FACTOR: 1.0000 E+ 0

NO METHOD AREA %

TEMP1 400 190 190
TIME1 25.00
INJ TEMP 400 225 225
FID TEMP 400 115 115
AUX TEMP 400 250 250

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK GC GC-WAI 74703/ 9270-0625

NO. 00605

SHEET NO. 1 OF 2

ENVIRESPONSE, INC.

CHAIN OF CUSTODY RECORD

PROJECT NAME Rose PCB's

SAMPLER(S) SIGNATURE Brian Brown

PROJECT NO.

SAMPLE IDENTIFICATION	SAMPLING LOCATION	DATE SAMPLED	SAMPLE TYPE WATER	SOLID	AIR	OIL	COMP	GRAB	VOLUME TO BE COLLECTED	NO. OF CONTAINERS	TIME COLLECTION BEGAN	INITIAL	TIME COLLECTION COMPLETED	INITIAL	
R1A		11/2			✓				42l	1					
R2A					✓				42l	1					
R3A					✓				42l	1					
R4A					✓				42l	1					
R5A					✓				44l	1					
R5AD					✓				44l	1					
R6A					✓				42l	1					
Field Blank A		11/2			✓				—	1					

RELINQUISHED BY: NAME Brian Brown DATE/TIME 11/4/87 0830 RECEIVED BY: NAME [illegible] DATE/TIME 11/4/87 [illegible]

RELINQUISHED BY: NAME DATE/TIME RECEIVED BY: NAME DATE/TIME

RELINQUISHED BY: NAME DATE/TIME RECEIVED BY: NAME DATE/TIME

AUTHORIZATION FOR DISPOSAL DATE/TIME DISPOSED BY: DATE/TIME

FORM NO. 1541-27

SHEET NO. 1 OF 2

ENVIRESPONSE, INC.

CHAIN OF CUSTODY RECORD

PROJECT NAME Rose PCB's

PROJECT NO.

SAMPLER(S) SIGNATURE Bruce Bross

SAMPLE IDENTIFICATION	SAMPLING LOCATION	DATE SAMPLED	SAMPLE TYPE: WATER	SAMPLE TYPE: SOLID	SAMPLE TYPE: AIR	SAMPLE TYPE: OIL	COMP	GRAB	VOLUME TO BE COLLECTED	NO. OF CONTAINERS	TIME COLLECTION BEGAN	INITIAL	TIME COLLECTION COMPLETED	INITIAL	COMMENTS
R1B		11/3			✓				96l	1					
R2B					✓				96l	1					
R3B					✓				96l	1					
R4B					✓				96l	1					
R5B					✓				96l	1					
R6B					✓				96l	1					
R7B					✓				96l	1					
R8B		11/3			✓				96l	1					
Field Blank B		11/3			✓				—	1					
Sampl Blank					✓				—	1					For spikes

RELINQUISHED BY: NAME Bruce Bross DATE/TIME 11/4/87 0830

RELINQUISHED BY: NAME DATE/TIME

RELINQUISHED BY: NAME DATE/TIME

AUTHORIZATION FOR DISPOSAL DATE/TIME

RECEIVED BY: NAME [illegible] DATE/TIME 11/4/87 830pm

RECEIVED BY: NAME DATE/TIME

RECEIVED BY: NAME DATE/TIME

DISPOSED BY: DATE/TIME

TEAM LEADER / COMMAND POST

ecology and environment, inc.

HAZARDOUS AND TOXIC MATERIALS TEAM
SITE SAFETY PLAN

A. GENERAL INFORMATION

T07-8711-008

SITE: MARTHA ROSE CHEMICAL Job No.: TMO-Ø5Ø2-SAB

LOCATION: HOLDEN, MO.

PLAN PREPARED BY: Fritz HOFFMEISTER DATE: 11-14-87

APPROVED BY: DATE:

OBJECTIVE(S): Perform inventory of ~10,000 units. Provide site documentation; contractor oversight

PROPOSED DATE OF INVESTIGATION: 11-16-87 thru 12/31/87

BACKGROUND REVIEW: Complete: X Preliminary: ____

DOCUMENTATION/SUMMARY: Overall Hazard: Serious: ____ Moderate: ____

Low: X Unknown: ____

B. SITE/WASTE CHARACTERISTICS

WASTE TYPE(S): Liquid X Solid ____ Sludge ____ Gas X

Corrosive ____ Ignitable ____ Radioactive ____ Volatile ____

Toxic X Reactive ____ Unknown ____ Other (Name) ____

FACILITY DESCRIPTION: DEFUNCT PCB STORAGE AND TREATMENT FACILITY

Principal Disposal Method (type and location): METHODS DEVELOPMENT

Unusual Features (dike integrity, power lines, terrain, etc.): N/A

Status: (active, inactive, unknown) INACTIVE

History: (injuries; complaints; previous agency action): NUMEROUS PREVIOUS ACTIONS. NO HISTORY OF INJURIES OR EXPOSURES. RECENT SAMPLING RESULTS INDICATE LEVEL C PERSONAL PROTECTION WILL BE SUFFICIENT TO AFFORD ADEQUATE SAFETY FACTORS FOR THE WORK CREW.

C. HAZARD EVALUATION
(Use Supplemental Sheets if Necessary)

Summary (attach copy of available chemical information from Saxs, Merck, Index, Chemtade, etc.): See ATTACHMents

ACGIH TWA = 0.5mg/m³

D. SITE SAFETY WORK PLAN

PERIMETER ESTABLISHMENT: Map/Sketch Attached? X Site Secured? X

Perimeter Identified? X Zone(s) of Contamination Identified? X

AREA IS FENCED. AREAS INSIDE WAREHOUSE ARE DESIGNATED HOT. CONTAM./REDUCTION ZONE LOADING DOCK. TRAILERS R Command/Cont clean areas.

PERSONAL PROTECTION:

Level of Protection: A ____ B ____ C X D ____

Modifications: RACAL PAPR's + AP3 Cartridges. Mini-Ram continuous monitoring. ACTION LEVEL OF 0.2mg/m³. If action level is reached withdraw immediately and allow level to decrease below action level.

Surveillance Equipment and Materials: Mini-Ram particle counter (continuous tape) monitor). If action level of 0.2mg/m³ is exceeded immediately withdraw. Do not continue work until dust level has fallen below 0.2mg/m³. Personal Sampling pumps will be worn by 1 fork lift operator & one data recorder 3 days/week until CHARACTERIZATION is complete.

SPECIAL SITE CONSIDERATIONS: THE CORE ROOM WILL NOT BE entered UNLESS LEVEL B is utilized. UNLESS REQUESTED BY THE OSC and cleared through Safety office this area IS OFF LIMITS.

DECONTAMINATION PROCEDURES:

Personal: SHOWER with SOAP & WATER UPON RETURN FROM SITE. GROSS Contamination with liquid requires immediate decon with methanol followed by SOAP/WATER WASH and RINSE.

Equipment: RACALS AND mini RAM to be wiped with BABY WIPES OR IF GROSSLY CONTAMINATED with METHANOL FOLLOWED BY SOAP/WATER WASH AND RINSE.

INVESTIGATION - DERIVED MATERIAL DISPOSAL: (Note - If material is proposed to be left on site, written authorization is to be received by the Project Team Leader prior to the initiation of on site activities): BAGGED AND DRUMMED AND LEFT ON SITE.

SITE ENTRY PROCEDURES: APPROVAL OF SITE SAFETY OFFICER

Team Member	Responsibility
PAUL KOPSICK	Team Leader
FRITZ HOFFMEISTER	Asst. Team Leader / DATA RECORDER
JOHN PARKS	Site Safety Officer / DATA RECORDER
JOHN DOWNING	
JOHN LAZINSKI	DATA RECORDERS
RANDY SCHADEMAN	
GEORGE HESS - EPA	OSC
Melissa McBride	DATA Recorder
Janet Campion	DATA Recorder
ASSIGNED	DATA RECORDERS

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E. EMERGENCY INFORMATION

(Use Supplemental Sheets if Necessary)

EMERGENCY PRECAUTIONS

Acute Exposure Symptoms	First Aid

LOCAL RESOURCES
(Name, Address and Phone Number)

Ambulance RESEARCH EAGLE AIR AMBULANCE (816) 523-2600

Hospital Emergency Room ~~(816) 732-5527 or 28~~ (816) 525-2950 x320

~~Poison Control Center~~ LIFEFLIGHT AIR AMBULANCE (816) 942-4400

Police (incl. Local, County Sheriff, State) (816) 732-5527 or 28

Fire Department (816) 732-5527 or 28

Airport

Explosives Unit

Agency Contact (EPA, State, Local, USCG, etc.) EPA 913 236-3881

Local Laboratory

UPS/Federal Express

Client Contact

SITE RESOURCES

Water Supply ON SITE

Telephone CLEAN SITES, INC - HOLDEN, MO. (816) 7326357

Radio

Other

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Emergency Contacts

1. Mr. Raymond Harbison (University of Arkansas) ..... (501) 661-5766 or 661-5767
   (501) 370-8263 (24 hour)

2. Ecology and Environment, Inc., Safety Coordinator/
   Paul Jonmaire ..... (716) 632-4491 (office)
   (716) 655-1260 (Home)

Medtox Hotline

1. Twenty-four hour answering service - (501) 370-8263

   What to Report:

   - State: "This is an emergency."
   - Your name, region, and site.
   - Telephone number to reach you.
   - Your location.
   - Name of person injured or exposed.
   - Nature of emergency.
   - Action taken.

2. One of three toxicologists (Drs. Raymond Harbison, Richard Freeman, or Robert James) will contact you. Repeat the information given to the answering service.

3. If a toxicologist does not return your call within 15 minutes, call the following persons in order until contact is made:

   E & E Corporate Headquarters (EST 0830-1700) - (716) 632-4491

   a. Twenty-four hour line - (716) 631-9530
   b. Corporate Safety Director - Paul Jonmaire (home - (716) 655-1260
   c. Assistant Corporate Safety Officer - Steve Sherman (home - (716) 688-0084

Emergency Routes

Directions to Hospital (incl. MAP) 40 minutes (30 miles) Lee's Summit Community Hospital 530 N.W. MURRAY HWY 131 N to Hwy 50 East to CHIPMAN ROAD exit. TURN Left AT BOTTOM OF EXIT RAMP. 530 N.W. MURRAY - LEE'S SUMMIT COMMUNITY HOSPITAL. 30 miles - 40 minute

Other JOHNSON COUNTY MEMORIAL HOSPITAL - WARRENSBURG, MO (816) 747-3181

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F. EQUIPMENT CHECKLIST

PROTECTIVE GEAR

LEVEL A

SCBA	___
SPARE AIR TANKS	___
ENCAPSULATED SUIT	___
SURGICAL GLOVES	___
NEOPRENE SAFETY BOOTS	___
BOOTIES	___
GLOVES (TYPE_____)	___
OUTER WORK GLOVES	___
HARD HAT	___
CASCADE SYSTEM	___
_____	___
_____	___
_____	___
_____	___

LEVEL B

SCBA	___
SPARE AIR TANKS	___
CHEMICAL RESISTANT COVERALLS	___
PROTECTIVE COVERALL (TYPE_____)	___
RAIN SUIT	___
BUTYL APRON	___
SURGICAL GLOVES	___
GLOVES (TYPE _____)	___
OUTER WORK GLOVES	___
NEOPRENE SAFETY BOOTS	
BOOTIES	
HARD HAT WITH FACE SHIELD	___
CASCADE SYSTEM	___
MANIFOLD SYSTEM	___

LEVEL C

ULTR-TWIN RESPIRATOR	
POWER AIR PURIFYING RESPIRATOR	X
CARTRIDGES (TYPE AP3)	X
ROBERTSHAW ESCAPE MASK	X
CHEMICAL RESISTANT COVERALLS	___
PROTECTIVE COVERALL (TYPE SARANex)	X
RAIN SUIT	___
BUTYL APRON	___
SURGICAL GLOVES	X
* GLOVES (TYPE 17mil. latex)	X
OUTER WORK GLOVES	___
NEOPRENE SAFETY BOOTS	X
HARD HAT WITH FACE SHIELD	X
DISPOSABLE BOOTIES	X

LEVEL D

ULTRA-TWIN RESPIRATOR (AVAILABLE)	___
CARTRIDGES (TYPE_____)	___
ROBERTSHAW ESCAPE MASK (AVAILABLE)	___
CHEMICAL RESISTANT COVERALLS	___
PROTECTIVE COVERALL (TYPE _____)	___
RAIN SUIT	___
NEOPRENE SAFETY BOOTS	___
BOOTIES	___
WORK GLOVES	___
HARD HAT WITH FACE SHIELD	___
SAFETY GLASSES	___
_____	___
_____	___

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* WHEN WORKING WITH LIQUIDS OR CLEANING Spills Neoprene gloves will be worn. If not available double latex will be used with the outer gloves disposed of following gross contamination. within 30 minutes.

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INSTRUMENTATION	
OVA	
THERMAL DESORBER	
O2/EXPLOSIMETER	
EXPLOSIMETER CALIBRATION KIT	
HNU	
VICTOREEN 471	
MAGNETOMETER	
PIPE LOCATOR	
WEATHER STATION	
DRAEGER PUMP	
BRUNTON COMPASS	
Mini Ram	X

DECON EQUIPMENT (CONT.)	
PLASTIC SHEETING	X
TARPS	
TRASH BAGS	X
TRASH CANS	
MASKING TAPE	
DUCT TAPE	X
PAPER TOWELS	
FACE MASK	
FACE MASK SANITIZER	X
FOLDING CHAIRS	
STEP LADDERS	

FIRST AID EQUIPMENT	
FIRST AID KIT	X
OXYGEN ADMINISTRATOR	
STRECHER	
PORTABLE EYE WASH	X
BLOOD PRESSURE MONITOR	
RADIATION BADGES	X
FIRE EXTINGUISHER	

SAMPLING EQUIPMENT	

DECON EQUIPMENT	
WASH TUBS	X
BUCKETS	
SCRUB BRUSHES	X
PRESSURIZED SPRAYER	
DETERGENT (TYPE ALCONOX)	X
SOLVENT (TYPE METHANOL)	X

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VAN EQUIPMENT

Item	
TOOL KIT	
HYDRAULIC JACK	
LUG WRENCH	
TOW CHAIN	
VAN CHECK OUT	
GAS	
OIL	
ANTIFREE7E	
BATTERY	
WINDSHIELD WASH	
TIRE PRESSURE	

MISCELLANEOUS

Item	
PITCHER PUMP	
SURVEYOR'S TAPE	
100 FIBERGLASS TAPE	X
300 NYLON ROPE	
NYLON STRING	
SURVEYING FLAGS	
FILM	X
WHEEL BARROW	
BUNG WRENCH	
SOIL AUGER	
PICK	
SHOVEL	
CATALYTIC HEATER	
PROPANE GAS	
BANNER TAPE	
SURVEYING METER STICK	
CHAINING PINS & RING	
TABLES	
WEATHER RADIO	

MISCELLANEOUS (CONT.)

Item	
BINOCULARS	
MEGAPHONE	

HAZARDOUS & TOXIC MATERIALS TEAM
SITE SAFETY REVIEW

GENERAL INFORMATION

DATE 11-18-87 TIME 0900 JOB NO: _____

SITE: Rose Chemical

LOCATION: HOLDEN, Mo.

ONSITE CLIENT CONTACT: George Duncan or Robin Robinson

OBJECTIVES: SITE DOC & INVENTORY

TYPES OF CHEMICALS ANTICIPATED: PCB

MEETING CONDUCTED BY: F. Hoffmeister

TOPICS DISCUSSED

PHYSICAL HAZARDS: HEAVY CRATES; DRUMS; FORK TRUCKS

CHEMICAL HAZARDS: PCB

PERSONAL PROTECTION: Level C (SARANEX) + PAPR's

DECONTAMINATION: _____

SPECIAL SITE CONSIDERATIONS: Use extreme care when moving crates & pallets

CHECK LIST

1. Emergency information reviewed? and made familiar to all team members?

2. Route to nearest hospital driven and its location known to all team

3. Site safety plan readily available and its location known to all team members? ____

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ON-SITE SAFETY MEETING

Project _____

Date _____ Time _____ Job No. _____

Address _____

Specific Location _____

Type of Work _____

SAFETY TOPICS PRESENTED

Protective Clothing/Equipment _____

Chemical Hazards _____

Physical Hazards _____

Emergency Procedures _____

Hospital/Clinic _____ Phone _____

Hospital Address _____

Special Equipment _____

Other _____

ATTENDEES

Name Printed	Signature

Meeting Conducted By: _____ _____

Name Printed Signature

Site Safety Officer _____ Team Leader _____

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HAZARD EVALUATION OF CHEMICALS

Chemical Name _____ Date _____

DOT Name/U.N. No. _____ Job No. _____

CAS Number _____

References Consulted (circle):

NIOSH/OSHA Pocket Guide Verschueren Merck Index Hazardline Chris (Vol. II)

Toxic and Hazardous Safety Manual ACGIH Other: _____

Chemical Properties: (Synonyms: _____)

Chemical Formula _____ Molecular Weight _____

Physical State _____ Solubility (H_2O) _____ Boiling Point _____

Flash Point _____ Vapor Pressure/Density _____ Freezing Point _____

Specific Gravity _____ Odor/Odor Threshold _____ Flammable Limits _____

Incompatibilities _____

Biological Properties:

TLV-TWA _____ PEL _____ Odor Characteristic _____

IDLH _____ Human _____ Aquatic _____ Rat/Mouse _____

Route of Exposure _____

Carcinogen _____ Teratogen _____ Mutagen _____

Handling Recommendations: (Personal protective measures)

_____

_____

Monitoring Recommendations:

_____

_____

Disposal/Waste Treatment:

_____

_____

Health Hazards and First Aid:

_____

_____

Symptoms: Acute: _____

_____

Chronic: _____

_____

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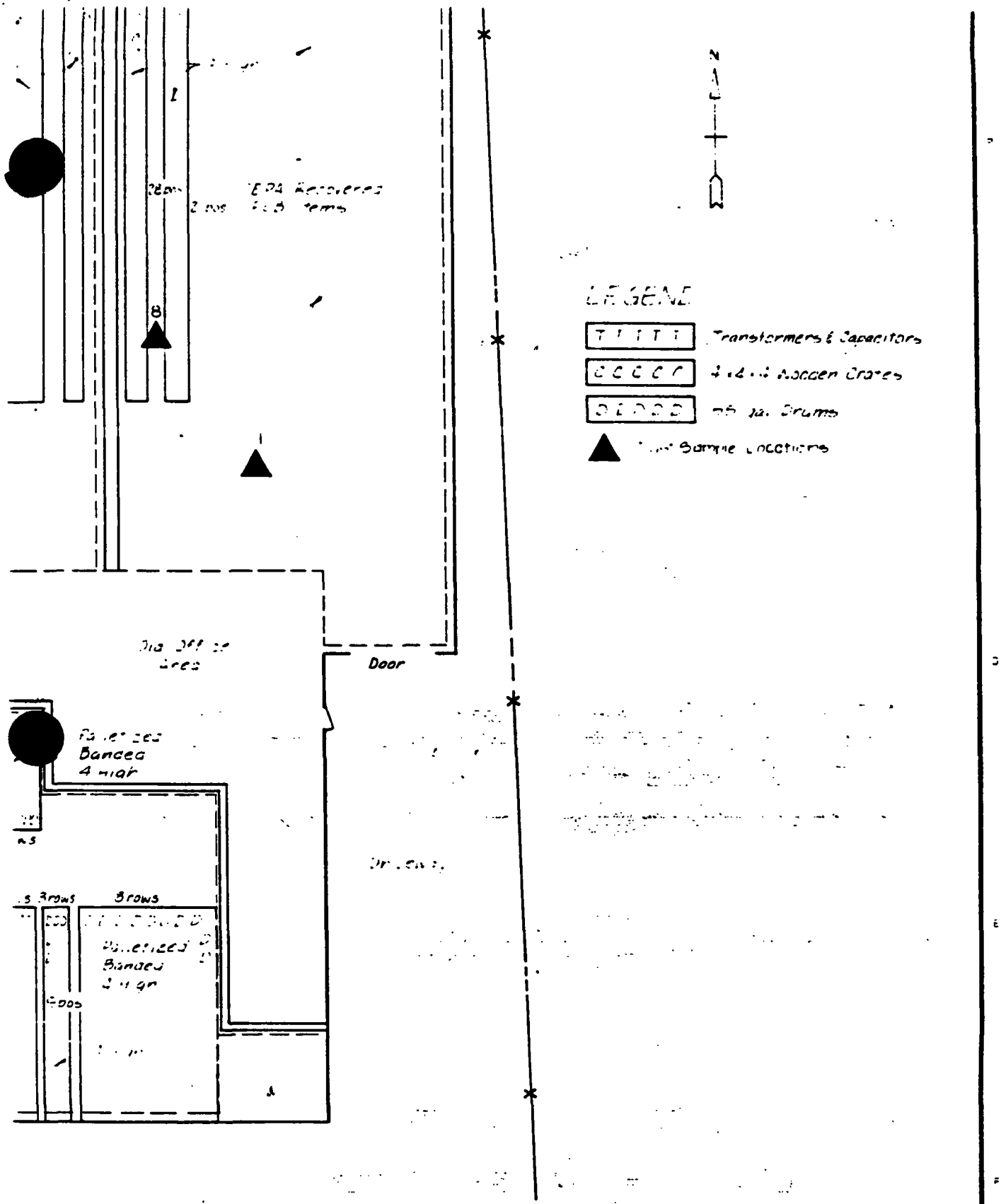
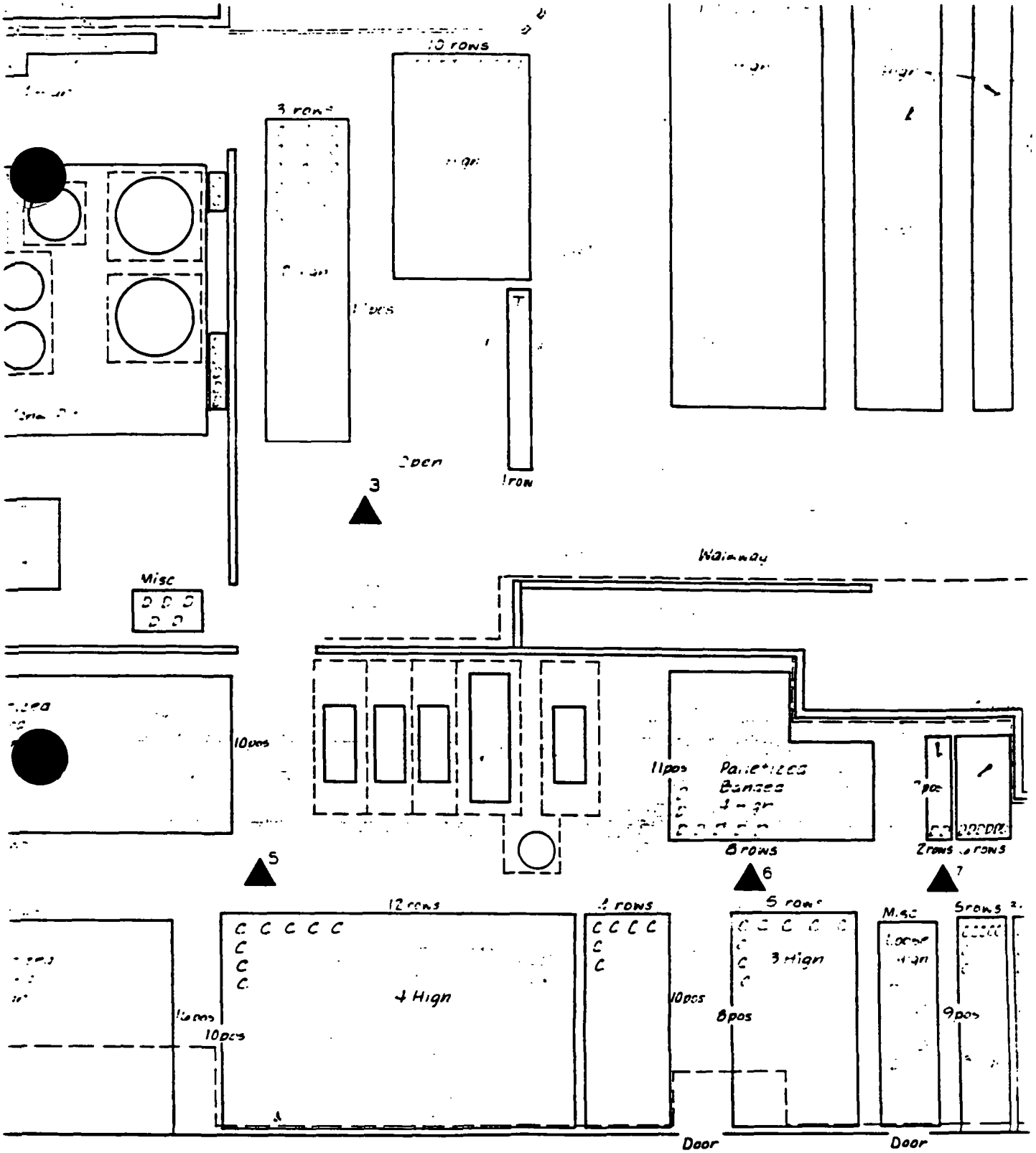
(12/83,DLD)



K & VEATCH ERS-ARCHITECTS	MARTHA C. ROSE CHEMICALS	PROJECT 64580 - DRAWING NUMBER OQS-1	REV 3
DRAWN / DATE	WAREHOUSE DUST SAMPLING LOCATIONS	CODE / AREA	



TITLE	JRK	
JST SAMPLE LOCATIONS	JRK	
E STORM DRAINS	JRK	
REVISIONS AND RECORD OF ISSUE	BY CHK APP	LM

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF

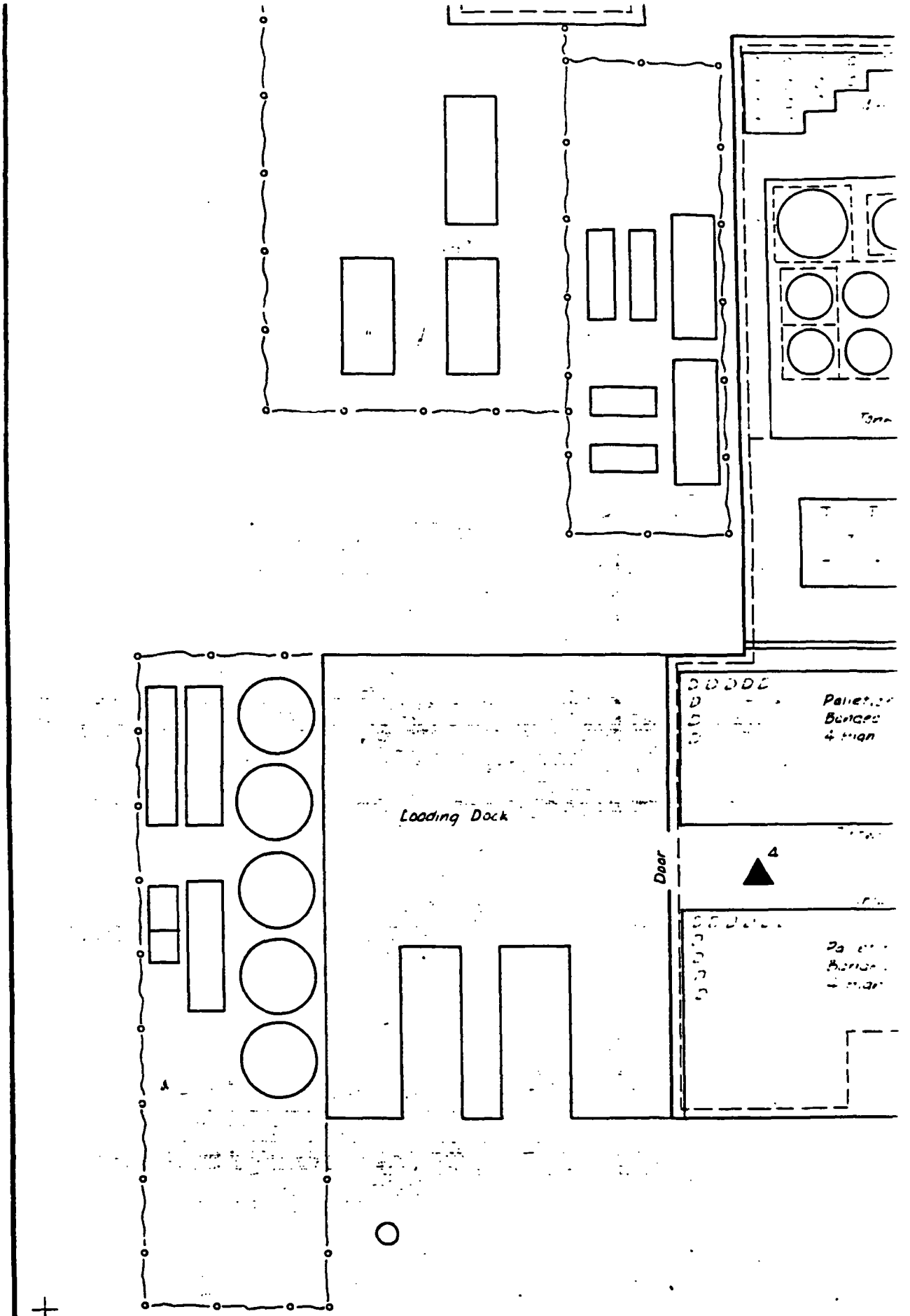
SIGNED

DATE REG NO.

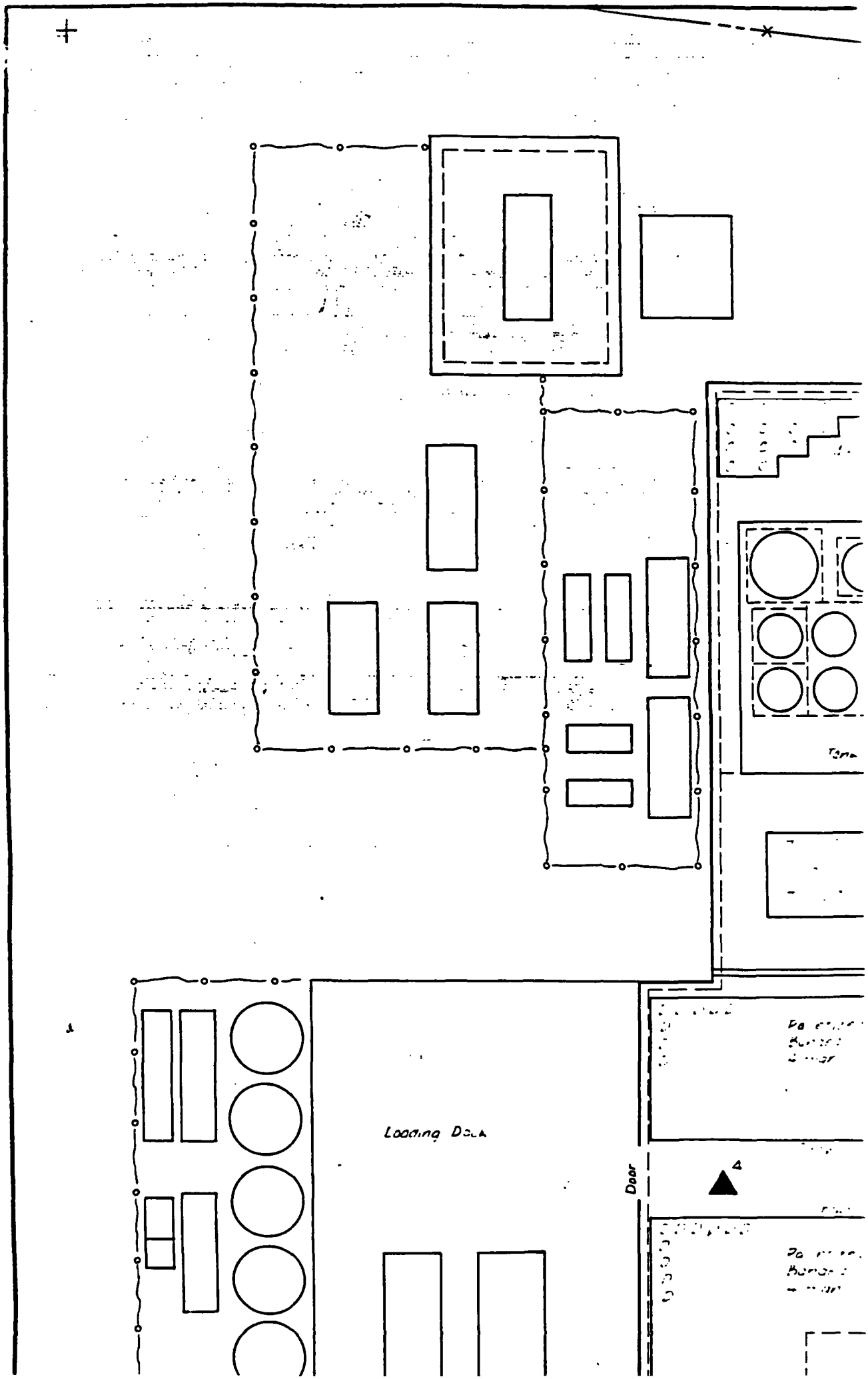
BLACK & ENGINEERS

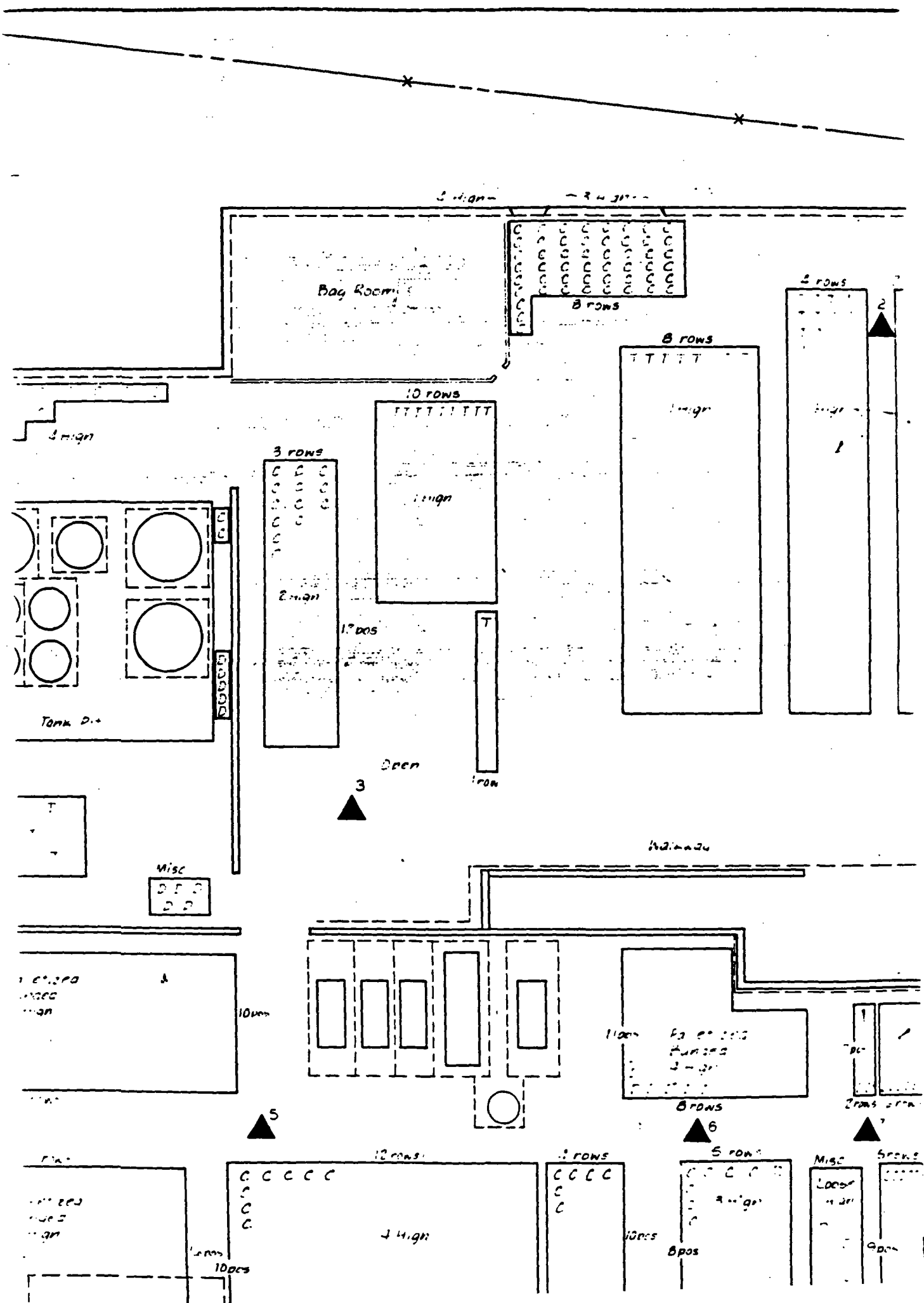
ENGINEER JRK

CHECKED

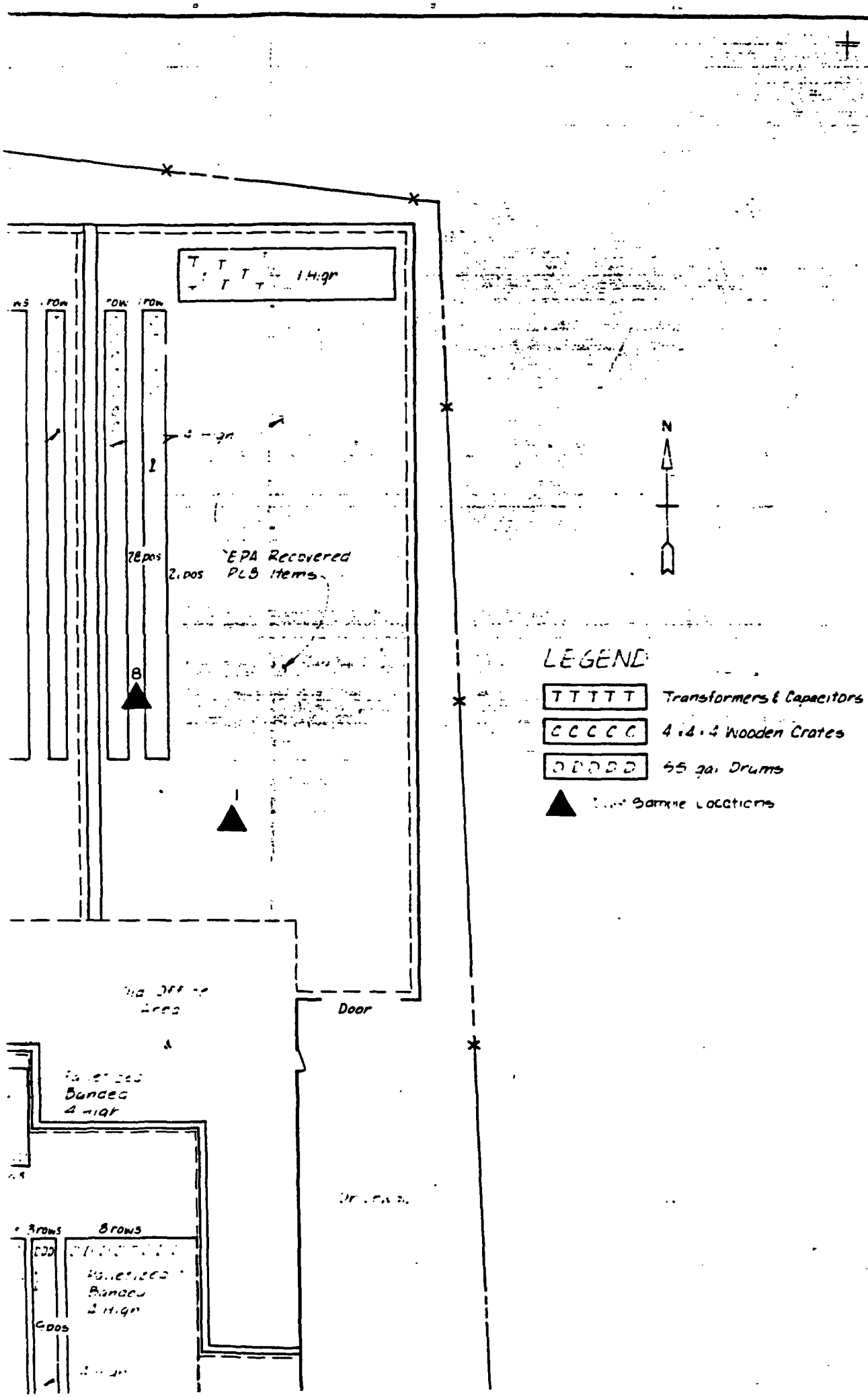


NO.	DATE	
3	JULY 30,1987	CHANGE
2	JULY 23,1987	ADD DUST
1	JUNE 11,1987	DELETE STO


Loading Dock
Door



Bag Room
8 rows
8 rows
10 rows
3 rows
2 rows
Tank Pit
Open
Misc
10pos
8 rows
12 rows
4 rows
5 rows
Misc
10pcs
8pos



1 High
row
row
row
28 pos
21 pos
EPA Recovered
PCB Items
8
1
N
LEGEND
T T T T T
Transformers & Capacitors
C C C C C
4 x 4 x 4 Wooden Crates
D D D D D
55 gal Drums
Sample Locations
Door
Banded
4 High
8 rows
8 rows
Banded
4 High
9 pos

REAGENTS:
1. Hexane, pesticide quality.
2. Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
3. Nitrogen, purified.
4. Stock standard solution of the PCB in methanol or isooctane (commercially available).*

*See Special Precautions.

EQUIPMENT:
1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6 mm OD, 4 mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
3. Tweezers.
4. Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps.
5. Gas chromatograph, electron capture detection (^{63}Ni), integrator and column (page 5503-1).
6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
7. Syringe, 10-µL.

SPECIAL PRECAUTIONS: Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [1,2,10].

SAMPLING:
1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the sampler immediately before sampling. Attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 L.
4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:
5. Place the glass wool and 100-mg Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.
6. In a 4 mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
7. Allow to stand 20 min with occasional agitation.

CALIBRATION AND QUALITY CONTROL:

8. Calibrate daily with at least five working standards over the range 10 to 500 ng PCB/mL.
   a. Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
   b. Analyze together with samples and blanks (steps 10 and 11).
   c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB/mL).
9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
   a. Remove and discard back sorbent section of a media blank Florisil tube.
   b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
   c. Cap the tube. Allow to stand overnight.
   d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
   e. Prepare a graph of DE vs. ng PCB recovered.
10. Analyze three quality control blind spikes and three analyst spikes to insure that the calibration graph and DE graph are in control.

MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.
    NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [11].
    NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
12. Sum the areas for five or more selected peaks.

CALCULATIONS:

13. Determine the mass, ng (corrected for DE) of PCB found on the glass fiber filter (W) and in the Florisil front (W_f) and back (W_b) sorbent sections, and in the average media blank filter (B) and front (B_f) and back (B_b) sorbent sections.
    NOTE: If $W_b > W_f/10$, report breakthrough and possible sample loss.
14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W+W_f + W_b - B-B_f - B_b)\cdot 10^{-3}}{V}, \text{ mg/m}^3.$$

EVALUATION OF METHOD:

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method 5120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [7,12,13]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [4]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m³ Aroclor 1016 [4].

REFERENCES:

[1] Criteria for a Recommended Standard...Occupational Exposure to Polychlorinated Biphenyls, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-225 (1977).
[2] Current Intelligence Bulletin 7, Polychlorinated Biphenyls (PCBs), U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-127 (1975).

[3] Hutzinger, O. S. Safe and V. Zitko. The Chemistry of PCBs, CRC Press, Inc., Cleveland, OH (1974).
[4] NIOSH Manual of Analytical Methods, 2nd. ed., V. 1, P&CAM 244, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-A (1977).
[5] User check, Southern Research Institute, NIOSH Sequence #4121-U (unpublished, January 25, 1984).
[6] Hofstader, R. A., C. A. Bache, and D. J. Lisk. Bull. Environ. Contam. Toxicol., 11:136 (1974).
[7] NIOSH Manual of Analytical Methods, 2nd ed., V. 4, S120, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-175 (1978).
[8] Ibid, V. 2, S121, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B (1977).
[9] Ibid, Vol. 1, P&CAM 253.
[10] Occupational Diseases, A Guide to Their Recognition, revised ed., 255-256, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-181 (1978).
[11] Dunker, J. C. and M. T. J. Hillebrand. Characterization of PCB Components in Clophen Formulations by Capillary GC-MS and GC-ECD Techniques, Environ. Sci. Technol., 17 (8), 449-456 (1983).
[12] Backup Data Report for S120, prepared under NIOSH Contract 210-76-0123, available as "Ten NIOSH Analytical Methods, Set 2," Order No. PB 271-464 from NTIS, Springfield, VA 22161.
[13] NIOSH Research Report-Development and Validation of Methods for Sampling and Analysis of Workplace Toxic Substances, U.S. Department of Health and Human Services, Publ. (NIOSH) 80-133 (1980).

METHOD REVISED BY: James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

Occupational Health Guideline for Chlorodiphenyl (42% Chlorine)*

INTRODUCTION

This guideline is intended as a source of information for employees, employers, physicians, industrial hygienists, and other occupational health professionals who may have a need for such information. It does not attempt to present all data; rather, it presents pertinent information and data in summary form.

SUBSTANCE IDENTIFICATION

- Formula: $C_{12}H_7Cl_3$ (approximately)
- Synonyms: Polychlorinated biphenyl; PCB
- Appearance and odor: Colorless to dark liquid with a mild hydrocarbon odor.

PERMISSIBLE EXPOSURE LIMIT (PEL)

The current OSHA standard for chlorodiphenyl (42% chlorine) is 1 milligram of chlorodiphenyl (42% chlorine) per cubic meter of air (mg/m³) averaged over an eight-hour work shift. NIOSH has recommended that the permissible exposure limit for polychlorinated biphenyls be reduced to 1.0 microgram per cubic meter of air averaged over a work shift of up to 10 hours per day, 40 hours per week, and that chlorodiphenyl (42% chlorine) be regulated as an occupational carcinogen. The NIOSH Criteria Document for Polychlorinated Biphenyls should be consulted for more detailed information.

HEALTH HAZARD INFORMATION

- **Routes of exposure**

Chlorodiphenyl (42% chlorine) can affect the body if it is inhaled, if it comes in contact with the eyes or skin, or if it is swallowed. It may be absorbed through the skin. Every effort should be made to prevent skin, eye, oral, or inhalation contact with this material.

- **Effects of overexposure**

Chlorodiphenyl (42% chlorine) may cause irritation of the eyes, nose, and throat, and an acne-like skin rash. It may also injure the liver, resulting in such effects as fatigue, dark urine, and yellow jaundice. Repeated skin contact with the liquid may cause skin irritation. The production of liver tumors and adverse reproductive effects has been demonstrated in experimental animals following ingestion of polychlorinated biphenyls. The relevance to humans of some of these studies has not yet been established.

- **Reporting signs and symptoms**

A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to chlorodiphenyl (42% chlorine).

- **Recommended medical surveillance**

The following medical procedures should be made available to each employee who is exposed to chlorodiphenyl (42% chlorine) at potentially hazardous levels:

1. Initial Medical Examination:

—A complete history and physical examination: The purpose is to detect pre-existing conditions that might place the exposed employee at increased risk, and to establish a baseline for future health monitoring. Examination of the liver and skin should be stressed. The skin should be examined for evidence of chronic disorders. Women in the work force should be advised of the potential adverse effects of chlorodiphenyl (42% chlorine) on the unborn child. Those who have borne children and work with chlorodiphenyl (42% chlorine) should be counseled concerning the advisability of nursing their offspring.

—Liver function tests: Chlorodiphenyl (42% chlorine) may cause liver damage. A profile of liver function should be obtained by utilizing a medically acceptable array of biochemical tests.

—Skin disease: Chlorodiphenyl (42% chlorine) is a defatting agent and can cause dermatitis on prolonged exposure. Persons with pre-existing skin disorders may be more susceptible to the effects of this agent.

2. Periodic Medical Examination: The aforementioned medical examinations should be repeated on an annual basis.

These recommendations reflect good industrial hygiene and medical surveillance practices and their implementation will assist in achieving an effective occupational health program. However, they may not be sufficient to achieve compliance with all requirements of OSHA regulations.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service Centers for Disease Control
National Institute for Occupational Safety and Health

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

• **Summary of toxicology**

Chlorodiphenyl (42% chlorine) vapor is toxic to the liver and causes an acne-form dermatitis (chloracne). Guinea pigs died at intervals up to 21 days after the first of 11 daily applications of 34.5 mg to the skin and, at necropsy, the liver showed fatty degeneration and central atrophy; rats, however, survived 25 daily applications, and only slight changes in the liver were observed. The vapor and liquid are moderately irritating to eye tissues. Cases of mild to moderate skin irritation with an acne-form eruption have been reported in workers exposed to 0.1 mg/m^3; levels of 10 mg/m^3 were unbearably irritating. Several deaths due to atrophy of the liver have occurred among workers exposed to the fumes of chlorodiphenyls and chloronaphthalenes. The production of liver tumors and adverse reproductive effects has been demonstrated in experimental animals following ingestion of polychlorinated biphenyls. The relevance to humans of some of these studies has not yet been established.

CHEMICAL AND PHYSICAL PROPERTIES

• **Physical data**

1. Molecular weight: 257.5 (approximately)
2. Boiling point (760 mm Hg): 325– 366 C (617–691 F)
3. Specific gravity (water = 1): 1.38
4. Vapor density (air = 1 at boiling point of chlorodiphenyl (42% chlorine)): 8.9
5. Melting point: –19 C (-2 F) (pour point)
6. Vapor pressure at 20 C (68 F): 0.001 mm Hg
7. Solubility in water, g/100 g water at 20 C (68 F): Insoluble
8. Evaporation rate (butyl acetate = 1): Much less than 1

• **Reactivity**

1. Conditions contributing to instability: Heat
2. Incompatibilities: Contact with strong oxidizing agents may cause fires and explosions.
3. Hazardous decomposition products: Toxic gases and vapors (such as hydrogen chloride and carbon monoxide) may be released in a fire involving chlorodiphenyl (42% chlorine).
4. Special precautions: Chlorodiphenyl (42% chlorine) will attack some forms of plastics, rubber, and coatings.

• **Flammability**

1. Flash point: 176 C (349 F)
2. Autoignition temperature: None to boiling point
3. Flammable limits in air, % by volume: Not available
4. Extinguishant: Foam, dry chemical, carbon dioxide

• **Warning properties**

According to the AIHA *Hygienic Guide*, chlorodiphenyl (42% chlorine) has a typical aromatic odor and causes eye irritation. For the purposes of this guideline, however, it is treated as a material with poor warning properties, as no quantitative data are available concerning its odor and irritation thresholds. As stated in the AIHA *Hygienic Guide*, the vapors of the chlorodiphenyls are "moderately irritating to eye tissues." The concentrations causing eye irritation are not mentioned.

MONITORING AND MEASUREMENT PROCEDURES

• **General**

Measurements to determine employee exposure are best taken so that the average eight-hour exposure is based on a single eight-hour sample or on two four-hour samples. Several short-time interval samples (up to 30 minutes) may also be used to determine the average exposure level. Air samples should be taken in the employee's breathing zone (air that would most nearly represent that inhaled by the employee).

• **Method**

Sampling and analyses may be performed by collection of chlorodiphenyl (42% chlorine) on a glass fiber filter connected in a series with a midget bubbler containing iso-octane, followed by gas chromatographic analysis. A detailed analytical method for chlorodiphenyl (42% chlorine) may be obtained from the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161, under the title "NIOSH Analytical Methods for Set 2" (order number PB 271

RESPIRATORS

• Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the permissible exposure level. However, there are some exceptions where respirators may be used to control exposure. Respirators may be used when engineering and work practice controls are not technically feasible, when such controls are in the process of being installed, or when they fail and need to be supplemented. Respirators may also be used for operations which require entry into tanks or closed vessels, and in emergency situations. If the use of respirators is necessary, the only respirators permitted are those that have been approved by the Mine Safety and Health Administration (formerly Mining Enforcement and Safety Administration) or by the National Institute for Occupational Safety and Health.

• In addition to respirator selection, a complete respiratory protection program should be instituted which includes regular training, maintenance, inspection, cleaning, and evaluation.

PERSONAL PROTECTIVE EQUIPMENT

• Employees should be provided with and required to use impervious clothing, gloves, face shields (eight-inch minimum), and other appropriate protective clothing necessary to prevent any possibility of skin contact with liquid chlorodiphenyl (42% chlorine).

• Clothing contaminated with liquid chlorodiphenyl (42% chlorine) should be placed in closed containers for storage until it can be discarded or until provision is made for the removal of chlorodiphenyl (42% chlorine) from the clothing. If the clothing is to be laundered or otherwise cleaned to remove the chlorodiphenyl (42% chlorine), the person performing the operation should be informed of chlorodiphenyl's (42% chlorine) hazardous properties.

• Non-impervious clothing which becomes contaminated with liquid chlorodiphenyl (42% chlorine) should be removed promptly and not reworn until the chlorodiphenyl (42% chlorine) is removed from the clothing.

• Employees should be provided with and required to use splash-proof safety goggles where liquid chlorodiphenyl (42% chlorine) may contact the eyes.

SANITATION

• Skin that becomes contaminated with liquid chlorodiphenyl (42% chlorine) should be promptly washed or showered with soap or mild detergent and water to remove any chlorodiphenyl (42% chlorine).

• Eating and smoking should not be permitted in areas where liquid chlorodiphenyl (42% chlorine) is handled, processed, or stored.

• Employees who handle liquid chlorodiphenyl (42% chlorine) should wash their hands thoroughly with soap or mild detergent and water before eating, smoking, or using toilet facilities.

• Areas in which exposure to chlorodiphenyl (42% chlorine) may occur should be identified by signs or other appropriate means, and access to these areas should be limited to authorized persons.

COMMON OPERATIONS AND CONTROLS

The following list includes some common operations in which exposure to chlorodiphenyl (42% chlorine) may occur and control methods which may be effective in each case:

Operation	Controls
Use as high-temperature transfer medium in chemical/food processing vessels and drying ovens	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as a dielectric in manufacture of transformers, capacitors, resistors, and other electrical apparatus	General dilution ventilation; local exhaust ventilation; personal protective equipment
Application and formulation as plasticizer, flame-retardant, and adhesive and weatherizer in spray surface coatings; manufacture and application of impregnants for cloth, paper, fiberboard, wood, and asbestos; manufacture and application of natural and synthetic waxes and polishes; manufacture and application of hot-melt and other adhesives	Process enclosure; general dilution ventilation; local exhaust ventilation; personal protective equipment
Use as non-flammable working fluid in vacuum pumps, hydraulic systems, and expansion systems	General dilution ventilation; local exhaust ventilation
Use during application of high-pressure, temperature, and moisture lubricants	Personal protective equipment
Use in compounding and processing of plastics for flame retardancy	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use in manufacture and application for use as pesticides and fungicides	Personal protective equipment
Use as an intermediate or raw material in further organic synthesis	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as sealer for gaskets of natural rubber and synthetics	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as adhesive release on tapes and ink release on carbonless duplicating paper; as a pigment carrier in dyeing polyesters and paper	Personal protective equipment

Use as a pressure adhesive for sign backings, insect traps, and tapes	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use in compounding mastics, and sealing and caulking materials; use in compounding of printing inks	General dilution ventilation; local exhaust ventilation; personal protective equipment

EMERGENCY FIRST AID PROCEDURES

In the event of an emergency, institute first aid procedures and send for first aid or medical assistance.

- **Eye Exposure**

If chlorodiphenyl (42% chlorine) gets into the eyes, wash eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. Get medical attention immediately. Contact lenses should not be worn when working with this chemical.

- **Skin Exposure**

If chlorodiphenyl (42% chlorine) gets on the skin, promptly wash the contaminated skin using soap or mild detergent and water. If chlorodiphenyl (42% chlorine) soaks through the clothing, remove the clothing promptly and wash the skin using soap or mild detergent and water. If irritation persists after washing, get medical attention.

- **Breathing**

If a person breathes in large amounts of chlorodiphenyl (42% chlorine), move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. Get medical attention as soon as possible.

- **Swallowing**

When chlorodiphenyl (42% chlorine) has been swallowed, get medical attention immediately. If medical attention is not immediately available, get the afflicted person to vomit by having him touch the back of his throat with his finger or by giving him syrup of ipecac as directed on the package. This non-prescription drug is available at most drug stores and drug counters and should be kept with emergency medical supplies in the workplace. Do not make an unconscious person vomit.

- **Rescue**

Move the affected person from the hazardous exposure. If the exposed person has been overcome, notify someone else and put into effect the established emergency rescue procedures. Do not become a casualty. Understand the facility's emergency rescue procedures and know the locations of rescue equipment before the need arises.

SPILL, LEAK, AND DISPOSAL PROCEDURES

- Persons not wearing protective equipment and clothing should be restricted from areas of spills or leaks until cleanup has been completed.
- If chlorodiphenyl (42% chlorine) is spilled or leaked, the following steps should be taken:

1. Remove all ignition sources.
2. Ventilate area of spill or leak.
3. Collect for reclamation or absorb in vermiculite, dry sand, earth, or a similar material.

- Waste disposal method:

Chlorodiphenyl (42% chlorine) may be disposed of by absorbing it in vermiculite, dry sand, earth or a similar material and disposing in a secured sanitary landfill.

REFERENCES

- American Conference of Governmental Industrial Hygienists: "Chlorodiphenyl (42% Chlorine)," *Documentation of the Threshold Limit Values for Substances in Workroom Air* (3rd ed., 2nd printing), Cincinnati, 1974.
- American Industrial Hygiene Association: "Chlorodiphenyls," *Hygienic Guide Series*, Detroit, Michigan, 1965.
- Christensen, H. E., and Luginbyhl, T. L. (eds.): *NIOSH Toxic Substances List*, 1974 Edition, HEW Publication No. 74-134, 1974.
- Fairhall, L. T.: *Industrial Toxicology* (2nd ed.), Williams and Wilkins, Baltimore, 1957.
- Kirk, R., and Othmer, D.: *Encyclopedia of Chemical Technology* (2nd ed.), Interscience, New York, 1968.
- National Institute for Occupational Safety and Health, U.S. Department of Health, Education, and Welfare: *Criteria for a Recommended Standard . . . . Occupational Exposure to Polychlorinated Biphenyls*, HEW Publication No. (NIOSH) 77-225, U.S. Government Printing Office, Washington, D.C., 1977.
- Patty, F. A. (ed.): *Toxicology*, Vol. II of *Industrial Hygiene and Toxicology* (2nd ed. rev.), Interscience, New York, 1963.

* SPECIAL NOTE

The International Agency for Research on Cancer (IARC) has evaluated the data on this chemical and has concluded that it causes cancer. See *IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man*, Volume 7, 1974, and Volume 18, 1978.

RESPIRATORY PROTECTION FOR CHLORODIPHENYL (42% CHLORINE)

Condition	Minimum Respiratory Protection* Required Above 1 mg/m³
Vapor Concentration	
10 mg/m³ or less	Any supplied-air respirator with a full facepiece, helmet, or hood. Any self-contained breathing apparatus with a full facepiece.
Greater than 10 mg/m³** or entry and escape from unknown concentrations	Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. A combination respirator which includes a Type C supplied-air respirator with a full facepiece operated in pressure-demand or other positive pressure or continuous-flow mode and an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive pressure mode.
Fire Fighting	Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode.
Escape	Any gas mask providing protection against pesticides. Any escape self-contained breathing apparatus.

*Only NIOSH-approved or MSHA-approved equipment should be used.

**Use of supplied-air suits may be necessary to prevent skin contact while providing respiratory protection from airborne concentrations of chlorodiphenyl (42% chlorine); however, this equipment should be selected, used, and maintained under the immediate supervision of trained personnel. Where supplied-air suits are used above a concentration of 10 mg/m³, an auxiliary self-contained breathing apparatus operated in positive pressure mode should also be worn.

Occupational Health Guideline for Chlorodiphenyl (54% Chlorine)*

INTRODUCTION

This guideline is intended as a source of information for employees, employers, physicians, industrial hygienists, and other occupational health professionals who may have a need for such information. It does not attempt to present all data; rather, it presents pertinent information and data in summary form.

SUBSTANCE IDENTIFICATION

- Formula: $C_{12}H_5Cl_5$ (approximately)
- Synonyms: Polychlorinated biphenyl; PCB
- Appearance and odor: Pale yellow viscous liquid with a mild hydrocarbon odor.

PERMISSIBLE EXPOSURE LIMIT (PEL)

The current OSHA standard for chlorodiphenyl (54% chlorine) is 0.5 milligram of chlorodiphenyl (54% chlorine) per cubic meter of air (mg/m^3) averaged over an eight-hour work shift. NIOSH has recommended that the permissible exposure limit for polychlorinated biphenyls be reduced to 1.0 microgram per cubic meter of air averaged over a work shift of up to 10 hours per day, 40 hours per week, and that chlorodiphenyl (54% chlorine) be regulated as an occupational carcinogen. The NIOSH Criteria Document for Polychlorinated Biphenyls should be consulted for more detailed information.

HEALTH HAZARD INFORMATION

- **Routes of exposure**

Chlorodiphenyl (54% chlorine) can affect the body if it is inhaled, if it comes in contact with the eyes or skin, or if it is swallowed. It may be absorbed through the skin. Every effort should be made to prevent skin, eye, oral, or inhalation contact with this material.

- **Effects of overexposure**

Chlorodiphenyl (54% chlorine) may cause irritation of the eyes, nose, and throat, and an acne-like skin rash. It may also injure the liver, resulting in such effects as fatigue, dark urine, and yellow jaundice. Repeated skin contact with the liquid may cause skin irritation.

- **Reporting signs and symptoms**

A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to chlorodiphenyl (54% chlorine). The production of liver tumors and adverse reproductive effects have been demonstrated in experimental animals following ingestion of polychlorinated biphenyls. The relevance to humans of some of these studies has not yet been established.

- **Recommended medical surveillance**

The following medical procedures should be made available to each employee who is exposed to chlorodiphenyl (54% chlorine) at potentially hazardous levels:

1. Initial Medical Examination:

—A complete history and physical examination: The purpose is to detect pre-existing conditions that might place the exposed employee at increased risk, and to establish a baseline for future health monitoring. Examination of the liver and skin should be stressed. Women in the work force should be advised of the potential adverse effects of chlorodiphenyl (54% chlorine) on the unborn child. Those who have borne children and work with chlorodiphenyl (54% chlorine) should be counseled concerning the advisability of nursing their offspring.

—Liver function tests: Chlorodiphenyl (54% chlorine) may cause liver damage. A profile of liver function should be obtained by utilizing a medically acceptable array of biochemical tests.

—Skin disease: Chlorodiphenyl (54% chlorine) is a defatting agent and can cause dermatitis on prolonged exposure. Persons with pre-existing skin disorders may be more susceptible to the effects of this agent.

2. Periodic Medical Examination: The aforementioned medical examinations should be repeated on an annual basis.

These recommendations reflect good industrial hygiene and medical surveillance practices and their implementation will assist in achieving an effective occupational health program. However, they may not be sufficient to achieve compliance with all requirements of OSHA regulations.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service Centers for Disease Control
National Institute for Occupational Safety and Health

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

• **Summary of toxicology**

Chlorodiphenyl (54% chlorine) vapor is toxic to the liver. Rats exposed to 5.4 mg/m³ for 7 hours daily for 4 months showed increased liver weight and injury to the liver cells; 1.5 mg/m³ for 7 months also produced histopathologic evidence of liver damage, which was considered to be of a reversible character. The vapor and the liquid are moderately irritating to the eye; contact with skin leads to removal of natural fats and oils with subsequent drying and cracking of the skin. Acne-form dermatitis (chloracne) due to exposure to chlorodiphenyl of 54% chlorine content has been reported but the period of exposure was not indicated. The production of liver tumors and adverse reproductive effects has been demonstrated in experimental animals following ingestion of polychlorinated biphenyls. The relevance to humans of some of these studies has not yet been established.

CHEMICAL AND PHYSICAL PROPERTIES

• **Physical data**

1. Molecular weight: 326 (approximately)
2. Boiling point (760 mm Hg): 365– 390 C (689–734 F)
3. Specific gravity (water = 1): 1.5
4. Vapor density (air = 1 at boiling point of chlorodiphenyl (54% chlorine)): 11.2
5. Melting point: 10 C (50 F) (pour point)
6. Vapor pressure at 20 C (68 F): 0.00006 mm Hg
7. Solubility in water, g/100 g water at 20 C (68 F): Insoluble
8. Evaporation rate (butyl acetate = 1): Much less than 1

• **Reactivity**

1. Conditions contributing to instability: Heat
2. Incompatibilities: Contact with strong oxidizers may cause fires and explosions.
3. Hazardous decomposition products: Toxic gases and vapors (such as hydrogen chloride and carbon monoxide) may be released in a fire involving chlorodiphenyl (54% chlorine).
4. Special precautions: Chlorodiphenyl (54% chlorine) will attack some forms of plastics, rubber, and coatings.

• **Flammability**

1. Flash point: 222 C (432 F)
2. Autoignition temperature: None to boiling point
3. Flammable limits in air, % by volume: Not available
4. Extinguishant: Foam, dry chemical, carbon dioxide

• **Warning properties**

Although chlorodiphenyl (54% chlorine) has a typical aromatic odor and causes eye irritation, this substance is treated as a material with poor warning properties, as no quantitative information is available concerning its odor and irritation thresholds. The AIHA *Hygienic Guide* states that the vapors of the chlorodiphenyls are "moderately irritating to eye tissues," but the concentrations which cause irritation are not stated.

MONITORING AND MEASUREMENT PROCEDURES

• **General**

Measurements to determine employee exposure are best taken so that the average eight-hour exposure is based on a single eight-hour sample or on two four-hour samples. Several short-time interval samples (up to 30 minutes) may also be used to determine the average exposure level. Air samples should be taken in the employee's breathing zone (air that would most nearly represent that inhaled by the employee).

• **Method**

Sampling and analyses may be performed by collection of chlorodiphenyl on a filter with subsequent extraction with petroleum ether and gas chromatographic analysis. An analytical method for chlorodiphenyl (54% chlorine) is in the *NIOSH Manual of Analytical Methods*, 2nd Ed., Vol. 2, 1977, available from the Government Printing Office, Washington, D.C. 20402 (GPO No. 017-033-00260-6).

RESPIRATORS

• Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the permissible exposure level. However, there are some exceptions where respirators may be used to control exposure. Respirators may be used when engineering and work practice controls are not technically feasible, when such controls are in the process of being installed, or when they fail and need to be supplemented. Respirators may also be used for operations which require entry into tanks or closed vessels, and in emergency situations. If the use of respirators is necessary, the only respirators permitted are those that have been approved by the Mine Safety and Health Administration (formerly Mining Enforcement and Safety Administration) or by the National Institute for Occupational Safety and Health.

• In addition to respirator selection, a complete respiratory protection program should be instituted which includes regular training, maintenance, inspection, cleaning, and evaluation.

PERSONAL PROTECTIVE EQUIPMENT

• Employees should be provided with and required to use impervious clothing, gloves, face shields (eight-inch minimum), and other appropriate protective clothing necessary to prevent any possibility of skin contact with liquid chlorodiphenyl (54% chlorine).

• Clothing contaminated with liquid chlorodiphenyl (54% chlorine) should be placed in closed containers for storage until it can be discarded or until provision is

made for the removal of chlorodiphenyl (54% chlorine) from the clothing. If the clothing is to be laundered or otherwise cleaned to remove the chlorodiphenyl (54% chlorine), the person performing the operation should be informed of chlorodiphenyl's (54% chlorine) hazardous properties.

- Non-impervious clothing which becomes contaminated with liquid chlorodiphenyl (54% chlorine) should be removed promptly and not reworn until the chlorodiphenyl (54% chlorine) is removed from the clothing.
- Employees should be provided with and required to use splash-proof safety goggles where liquid chlorodiphenyl (54% chlorine) may contact the eyes.

SANITATION

- Skin that becomes contaminated with liquid chlorodiphenyl (54% chlorine) should be promptly washed or showered with soap or mild detergent and water to remove any chlorodiphenyl (54% chlorine).
- Eating and smoking should not be permitted in areas where liquid chlorodiphenyl (54% chlorine) is handled, processed, or stored.
- Employees who handle liquid chlorodiphenyl (54% chlorine) should wash their hands thoroughly with soap or mild detergent and water before eating, smoking, or using toilet facilities.
- Areas in which exposure to chlorodiphenyl (54% chlorine) may occur should be identified by signs or other appropriate means, and access to these areas should be limited to authorized persons.

COMMON OPERATIONS AND CONTROLS

The following list includes some common operations in which exposure to chlorodiphenyl (54% chlorine) may occur and control methods which may be effective in each case:

Operation	Controls
Use as high-temperature transfer medium in chemical/food processing vessels and drying ovens	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as a dielectric in manufacture of transformers, capacitors, resistors, and other electrical apparatus	General dilution ventilation; local exhaust ventilation; personal protective equipment
Application and formulation as plasticizer, flame-retardant, and adhesive and weatherizer in spray surface coatings; manufacture and application of impregnants for cloth, paper, fiberboard, wood, and asbestos; manufacture and application of natural and synthetic waxes and polishes; manufacture and application of hot-melt and other adhesives	Process enclosure; general dilution ventilation; local exhaust ventilation; personal protective equipment
Use as non-flammable working fluid in vacuum pumps, hydraulic systems, and expansion systems	General dilution ventilation; local exhaust ventilation
Use during application of high-pressure, temperature, and moisture lubricants	Personal protective equipment
Use in compounding and processing of plastics for flame retardancy	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use in manufacture and application for use as pesticides and fungicides	Personal protective equipment
Use as an intermediate or raw material in further organic synthesis	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as sealer for gaskets of natural rubber and synthetics	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use as adhesive release on tapes and ink release on carbonless duplicating paper; as a pigment carrier in dyeing polyesters and paper	Personal protective equipment

Use as a pressure adhesive for sign backings, insect traps, and tapes	General dilution ventilation; local exhaust ventilation; personal protective equipment
Use in compounding mastics, and sealing and caulking materials; use in compounding of printing inks	General dilution ventilation; local exhaust ventilation; personal protective equipment

EMERGENCY FIRST AID PROCEDURES

In the event of an emergency, institute first aid procedures and send for first aid or medical assistance.

- **Eye Exposure**

If chlorodiphenyl (54% chlorine) gets into the eyes, wash eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. Get medical attention immediately. Contact lenses should not be worn when working with this chemical.

- **Skin Exposure**

If chlorodiphenyl (54% chlorine) gets on the skin, immediately wash the contaminated skin using soap or mild detergent and water. If chlorodiphenyl (54% chlorine) soaks through the clothing, remove the clothing promptly and wash the skin using soap or mild detergent and water. If irritation persists after washing, get medical attention.

- **Breathing**

If a person breathes in large amounts of chlorodiphenyl (54% chlorine), move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. Get medical attention as soon as possible.

- **Swallowing**

When chlorodiphenyl (54% chlorine) has been swallowed, get medical attention immediately. If medical attention is not immediately available, get the afflicted person to vomit by having him touch the back of his throat with his finger or by giving him syrup of ipecac as directed on the package. This non-prescription drug is available at most drug stores and drug counters and should be kept with emergency medical supplies in the workplace. Do not make an unconscious person vomit.

- **Rescue**

Move the affected person from the hazardous exposure. If the exposed person has been overcome, notify someone else and put into effect the established emergency rescue procedures. Do not become a casualty. Understand the facility's emergency rescue procedures and know the locations of rescue equipment before the need arises.

SPILL, LEAK, AND DISPOSAL PROCEDURES

- Persons not wearing protective equipment and clothing should be restricted from areas of spills or leaks until cleanup has been completed.
- If chlorodiphenyl (54% chlorine) is spilled or leaked, the following steps should be taken:

1. Remove all ignition sources.
2. Ventilate area of spill or leak.
3. Collect for reclamation or absorb in vermiculite, dry sand, earth, or a similar material.

- Waste disposal method:

Chlorodiphenyl (54% chlorine) may be disposed of by absorbing it in vermiculite, dry sand, earth or a similar material and disposing in a secured sanitary landfill.

ADDITIONAL INFORMATION

To find additional information on chlorodiphenyl (54% chlorine), look up chlorodiphenyl (54% chlorine) in the following documents:

- Medical Surveillance from the SCP
- Respiratory Protection from the SCP
- Personal Protection and Sanitation from the SCP
- NIOSH Criteria Document for Polychlorinated Biphenyls (September 1977)

These documents are available through the NIOSH Division of Technical Services, 4676 Columbia Parkway, Cincinnati, Ohio 45226.

REFERENCES

- American Conference of Governmental Industrial Hygienists: "Chlorodiphenyl (54% Chlorine)," *Documentation of the Threshold Limit Values for Substances in Workroom Air* (3rd ed., 2nd printing), Cincinnati, 1974.
- American Industrial Hygiene Association: "Chlorodiphenyls," *Hygienic Guide Series*, Detroit, Michigan, 1965.
- Christensen, H. E., and Luginbyhl, T. L. (eds.): *NIOSH Toxic Substances List*, 1974 Edition, HEW Publication No. 74-134, 1974.
- Fairhall, L. T.: *Industrial Toxicology* (2nd ed.), Williams and Wilkins, Baltimore, 1957.
- Kirk, R., and Othmer, D.: *Encyclopedia of Chemical Technology* (2nd ed.), Interscience, New York, 1968.
- National Institute for Occupational Safety and Health, U.S. Department of Health, Education, and Welfare: *Criteria for a Recommended Standard . . . . Occupational Exposure to Polychlorinated Biphenyls*, HEW Publication No. (NIOSH) 77-225, U.S. Government Printing Office, Washington, D.C., 1977.
- Olivier, N.: "Chloracne," *Archives of Dermatology*, 99: 127-128, 1969.
- Patty, F. A. (ed.): *Toxicology*, Vol. II of *Industrial Hygiene and Toxicology* (2nd ed. rev.), Interscience, New York, 1963.

* SPECIAL NOTE

The International Agency for Research on Cancer (IARC) has evaluated the data on this chemical and has concluded that it causes cancer. See *IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man*, Volume 7, 1974, and Volume 18, 1978.

RESPIRATORY PROTECTION FOR CHLORODIPHENYL (54% CHLORINE)

Condition	Minimum Respiratory Protection* Required Above 0.5 mg/m³
Vapor Concentration	
5 mg/m³ or less	Any supplied-air respirator with a full facepiece, helmet, or hood. Any self-contained breathing apparatus with a full facepiece.
Greater than 5 mg/m³** or entry and escape from unknown concentrations	Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. A combination respirator which includes a Type C supplied-air respirator with a full facepiece operated in pressure-demand or other positive pressure or continuous-flow mode and an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive pressure mode.
Fire Fighting	Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode.
Escape	Any gas mask providing protection against pesticides. Any escape self-contained breathing apparatus.

*Only NIOSH-approved or MSHA-approved equipment should be used.

**Use of supplied-air suits may be necessary to prevent skin contact while providing respiratory protection from airborne concentrations of chlorodiphenyl (54% chlorine); however, this equipment should be selected, used, and maintained under the immediate supervision of trained personnel. Where supplied-air suits are used above a concentration of 5 mg/m³, an auxiliary self-contained breathing apparatus operated in positive pressure mode should also be worn.

APPENDIX B

Superfund Activity Request Report
TAT TDDs
CSI Correspondence
Spill Report
Main Warehouse Map of Areas

SUPERFUND ACTIVITY REQUEST REPORT

SITE CODE: 8D

SITE NAME: Martha C. Rose

ADDRESS: 500 W Mckissick

TOWN OR COUNTY: Holden

STATE: Missouri

ZIP:

CERCLIS ID: MOD980623069 FISCAL YEAR: 88 QUARTER: 1

CIRCLE ACTIVITY REQUESTED

	PA:	AM/PIRA:
	SI:	COST REC:
GEOPHYSICAL/HYDRO INV:	HRS:	COMPLIANCE:
RI/FS:	QAPP:	OTHER: Inventory

PROJECT OFFICER Steven E. Kinser

COMMENTS: When the PRPs inventoried the contents of the main warehouse they failed to obtain one critical item of information. That is the item requested for this activity. A copy of the PRP's data base has been provided to FIT. It is requested that the Process Number or "Rose" number be added to the data base. At the same time a check of the accuracy of the PRP's data base may be checked.

TAY

cc. George Hess

1A. Cost Center: TS 1307	TAT ZONE II CONTRACT CONTRACT NO. 68-01-7368 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY AND ENVIRONMENT, INC.	2. No.: T 07-8711-008
1B. Account No.: TMO 0502 SAB		Amendment _____

3A. Priority	4A. Estimate of Total Hours: 1600 Total Costs: 97,500	5A. EPA Site Name: Martha Rose Chemical Co.	7. Completion Date: 1/16/88
[X] High [ ] Medium [ ] Low		5B. SSID No.: 8D 5C. City/County/State: Holden/Johnson/MO	8. Reference Info: [X] Yes [ ] Attached [ ] No [ ] Pick-up
3B. Key EPA Contact: Name: McCutcheon Phone: 236-3888	4B. Overtime Approved: [X] Yes [ ] No	6. Source of Funds: [ ] Other _____ [X] CERCLA [ ] 311 [ ] UST	8A. Subtask Code: N/A

9. Type of Activity:

CWA-311	CERCLA	AS SPECIFIED ABOVE	
[ ] SPCC	[X] Site Assessment	[ ] Special Project	[ ] Quality Assurance
[ ] On-Scene Monitoring	[ ] Removal Funded	[ ] Analytical Project	[ ] Training
[ ] Spill Clean-up Funded	[ ] Removal PRP (AO/CO)	[ ] TITLE III	[ ] Program Management
	[ ] On-Site Monitoring	[ ] UST	[ ] Technical Assistance
		[ ] FEMA	[ ] Information Management

10. General Task Description: Provide sufficient staff and support equipment to perform an inventory of the contents of the Martha Rose Chemical Co. (approx 10,000) units.

11. Desired Report Form:
[ ] Formal Report
[ ] Letter Report
[ ] Formal Briefing
[X] Other (Specify) updated computer print out.

12. Specific Elements:
1) coordinate with EPA/OSC
2) develope a plan to utilize personnel & equipment in in inventoring ~~=~~ 10,000 units for information on drums etc.
3) coordinate personnel and equipment
4) perform the inventory and update a data base
5) site is available for per diem from Kansas City -50 miles
6) initially ~~shows~~ 8 hours per day on site & no weekend work. adjust as needed to complete the task by the end of the year.
7) start date week of Novemeber 16th, 1987.

13. Interim Deadlines: N/A

14. Authorizing DPO: Ron McCutcheon (Signature)

15. Date: 11/19/87

16. Received by: [ ] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected
Paul Kopsick (TATL Signature)

17. Date: 11/19/87

T007037

Distribution:

Sheet 1	White	- DPO Copy
Sheet 2	Blue	- TATL Copy
Sheet 3	Green	- ZPM Copy
Sheet 4	Canary	- PO Copy
Sheet 5	Pink	- CO Copy
Sheet 6	Goldenrod	- DPO Original (Unsigned by TATL)

1A. Cost Center: TS 1307	TAT ZONE II CONTRACT CONTRACT NO. 68-01-7368 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY AND ENVIRONMENT, INC.	2. No.: T 07-8711-011
1B. Account No.: TMO 0502 TAA		Amendment _____

3A. Priority	4A. Estimate of Total Hours:	5A. EPA Site Name:	7. Completion Date:
☐ High ☒ Medium ☐ Low	250 Total Costs: 12,500	Martha Rose Chemical Analysis	2/16/88
		5B. SSID No.: 8D 5C. City/County/State: Holden/Johnson/Mo	8. Reference Info: ☒ Yes ☐ Attached ☐ No ☐ Pick-up
3B. Key EPA Contact: Name: Kleopher Phone: 236-3881	4B. Overtime Approved: ☒ Yes ☐ No	6. Source of Funds: ☐ Other _____ ☒ CERCLA ☐ 311 ☐ UST	8A. Subtask Code: N/A

9. Type of Activity:

CWA-311	CERCLA	AS SPECIFIED ABOVE	
☐ SPCC	☐ Site Assessment	☐ Special Project	☐ Quality Assurance
☐ On-Scene Monitoring	☐ Removal Funded	☐ Analytical Project	☐ Training
☐ Spill Clean-up Funded	☐ Removal PRP (AO/CO)	☐ TITLE III	☐ Program Management
	☐ On-Site Monitoring	☐ UST	☒ Technical Assistance
		☐ FEMA	☐ Information Management

10. General Task Description: analyze 2-3 air samples per weeks for polychlorinated biphenyls.

11. Desired Report Form:
☐ Formal Report
☐ Letter Report
☐ Formal Briefing
☒ Other (Specify) data sheets

12. Specific Elements:

The TAT is requested to analyze 2 or 3 air samples each week for polychlorinated biphenyls. Estimated duration of the project is six weeks. Each sample will require overnight extractions and 10-12 hours of labor. Samples are to be delivered to the EPA lab Funston Road, asap and the results will be made available asap but not in the 24 hours requested by the OSC. The extraction alone, has to run for 24 hours so 36-48 hours is more realistic. Results will be called in to the OSC at the site.

13. Interim Deadlines:

14. Authorizing DPO: aoK Ron McCutcheon
(Signature)

15. Date: 11/24/87

16. Received by: ☒ Accepted ☐ Accepted with Exceptions (Attached) ☐ Rejected
Paul R Kepsick
(TATL Signature)

17. Date: 11/25/87

T007037

ibution:

Sheet 1	White	- DPO Copy
Sheet 2	Blue	- TATL Copy
Sheet 3	Green	- ZPM Copy
Sheet 4	Canary	- PO Copy
Sheet 5	Pink	- CO Copy
Sheet 6	Goldenrod	- DPO Original (Unsigned by TATL)

CLEAN SITES INC

1199 NORTH FAIRFAX STREET / ALEXANDRIA VIRGINIA 22314 / 703-683-8522

November 23, 1987

Mr. George Hess
Onsite Coordinator, Rose Chemicals Site
U. S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, KS 66101

Re: Holiday Schedule for
Rose Chemicals Site

Dear George:

As we discussed recently, CSI observes the Thanksgiving holiday on November 26 and 27. We do not plan to have any CSI personnel onsite those two days, and therefore, we suggest that you and your contractor take the same two days off.

For your advanced planning the next CSI holidays are December 24-25. We can both hope the contractor will be finished before then.

Very truly yours,

Robin

Robin J. Robinson
Project Manager

CHAIRMAN OF THE BOARD/Russell E. Train PRESIDENT/Charles W. Powers BOARD OF DIRECTORS/Peter A.A. Berle, Douglas M. Costle, Louis Fernandez, Sandra S. Gardebring, Edwin A. Gee, Jay D. Hair, Donald Kennedy, Joshua Lederberg, H. Eugene McBrayer, Charles W. Powers, William K. Reilly, Henry B. Schacht

12-10-87.

Change order.

To G. Hess.

From: Geo. Duncan

Drums can be Restored in Area 6 or 7.

___ Computer
___ Distribution
___ Reviewed

REGION VII INCIDENT NOTIFICATION REPORT

Pdm

1.Incident Number 12077 - GH - 0956

Date Closed ___/___/___ Real Spill: (Y) or N

2. Reported: (mm/dd/yy) 12/7/87 | 3. Time: 0956 | Recorded By: G. Gess

4. ☐ Through NRC: | 5. NRC Case No.:

A. REPORTER

6. Reported By: Fritz Hoffmeister

7. Organization Name: E & E TAT CONTRACTOR

8. Organization: ☐ 9. discharger ☐ 10. public ☐ 11. state ☐ 12. local ☒ 13. federal

14. Address:

15. City: | 16. County: | 17. State

18. Zip: | 19. Phone: ( )

Reporter Code 09

1- Spiller 5- IDNR 9- Other EPA 13- KS Other
2- NRC 6- NDEC 10- MO Other 14- Other Fed.
3- USCG 7- KDHE 11- IA Other 15- ANON
4- MDNR 8- Priv. Citizen 12- NE Other 16- EPA

X-Code 08

	Trans.	Fixed Fac.	Other
Petroleum	1	2	3
Misc. Chem. Spills	4	5	6
PCB Spills	7	(8)	9
Other Incidents	10	11	12

B. DIS-CHARGER

20. ☐ As Above in A if 9 applies | 21. Name: U.S. EPA - VII

22. Address:

23. City: | 24. County: | 25. State

26. Zip: | 27. Phone: ( )

C. INCIDENT LOCATION

28. ☐ As Above in B | 29. Street or Approx. Location: 500 W. McKossock, By West Dock Door, North side, Former Martha C. Rose Chemical Facility

30. City: Holden | 31. County: Johnson | 32. State MO

D. DATE

33 Spill Date: (mm/dd/yy) 12/07/87 | 34. Spill Time: 0945

Discovery Date: (mm/dd/yy) 12/07/87 | Discovery Time: 0945

E. MATERIAL

Material Type (Name):	☒ hazardous substance ☐ oil ☐ other	35. ☐ Material Unknown	UN/ DOT No	CAS No.	CHRIS Code	Quantity Spilled	Units (Circle 1)
36 PCB oil > 500 ppm			37.	38.	39	40. 55	41. lb. bbl. (ga) cy
42			43.	44	45	46.	47 lb. bbl. ga cy
48			49	50	51.	52.	53 lb. bbl. ga cy

Primary Material Code 01

1- PCB
2- Dioxin
3- Crude Oil
4- Gasoline
5- Diesel Oil
6- Other Distillate Fuel
7- Asphalt or Other Resid.
8- Animal or Vegetable Oil
9- Waste Oil
10- Other Oil
11- Petrol. Solvents
12- Naptha
13- Mineral Spirits
14- Agric Chemicals
15- Herbicides
16- Insecticides
17- Fertilizer
18- Metals
19- Acids
20- Org Solvents
21- Caustics
22- Alcohol
23- Amine
24- Aldehyde
25- Other
26- Unknown
27- Radiological
28- Brine
29- Sewage
99- NOT A SPILL

Unit Code 1

1- Gallons
2- Pounds
3- Barrels
4- Tons
5- Sheen
6- Unknown Qty.
7- PPM
8- Pint
9- Quart

F. SOURCE

Source of Spill: ☐ 54. highway ☐ 55. air transport ☐ 56. railway ☐ 57. vessel ☐ 58. fixed facility ☐ 59. pipeline ☐ 60. offshore | 61. Vehicle ID or Carrier No.: Drum

Incident Type 10

1- Motor Vehicle
2- Rail
3- Marine
4- Pipeline
5- Aircraft
6- Tank
7- Ug Tank
8- Discharge
9- Fixed Fac
10- Other
11- From Fire
12- Air Release

Project No.____

62 Description: 55 gallon open top drum with PCB oil

H. CAUSE

Reported Cause: ☐ 69. transportation accident ☐ 70. equipment failure ☐ 71 operational error ☐ 72. natural phenomenon ☐ 73. dumping ☐ 74. unknown ☐ 75. other

76 Description: Fork lift operator bumped drum, drum fell off pallet. Due to unsecured lid, lid fell off causing drum to empty to floor.

G. MEDIUM

Medium Affected: ☐ 63. air ☒ 64. land ☐ 65. water ☐ 66. groundwater ☐ 67. within facility only

68. Waterway Affected: None

Water Code ☐☐
1- River 2- Stream 3- Creek 4- Storm Sewer 5- Sanitary Sewer 6- Lake 7- Pond 8- Ditch 9- Ground Water 10- Reservoir 11- Canal

I. DAMAGE

Damages: 77. no. of injuries _____ 78. no of deaths _____ ☐ 79. property damage > $50,000

J. ACTIONS

80. ☐ Evacuation

Evacuation Y or N

Amount of Material Recovered _____

Hours Spent _____

81. Response Action Taken: Placed oil Dry on spill; will Drum-up material, mop wipe w/ Diesel

K. NOTIFIED

Caller Has Notified: ☐ 82. state/local ☐ 83. discharger ☐ 84. USCG ☒ 85. other ☐ 86. unknown

Agency Name & Contact Name

Robin Robinson - clean sites (Project manager Generator)

Did State Investigate? Y or N Was EPA on Scene? (Y) or N

M. REGIONAL DATA FIELDS

Response Type Code 01

1- Physically Removed 2- Neutralized 3- Stabilized 4- Incinerated 5- Diluted 6- Biodegraded 7- Recycle 8- No Cleanup 9- Other 10- Unknown 11- Pending 12- Monitoring

Resolution Code ☐ 1- Pending 2- Closed

Resolution Date: ___/___/___

Date State Response Received: ___/___/___

Responding Agency Code 01

1- EPA/EP&R 2- EPA/TAT 3- EPA/ARTX 4- EPA/PEST 5- EPA/ENFC 6- EPA/MDNR 7- EPA/IDNR 8- EPA/NDEC 9- EPA/KDHE 10- MDNR 11- HHS/CDC 12- IDNR 13- NDEC 14- KDHE 15- USCG 16- OSHA 17- FEMA 18- Local Health 19- Local Fire 20- Local Police 21- County 22- State Fire Marshal 23- NONE 24- State Conservation 25- Other

L. COMMENTS

87. Comments: Spill occurred while conducting Inventory of site.

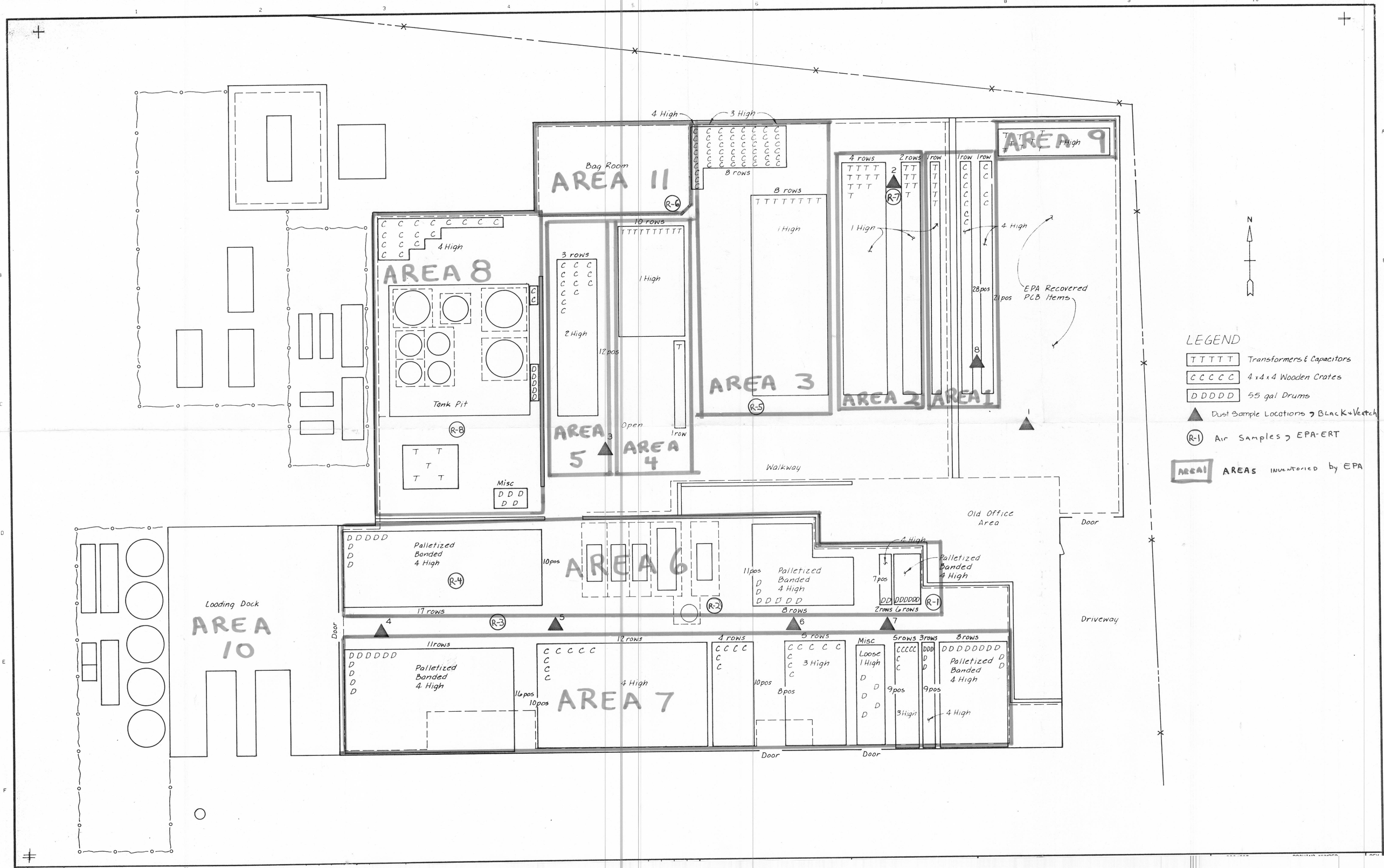
☐ Additional Information

Additional Comments:

Steer Committee Drum # 19320, Martin A Rose Chemical warehouse # DX 419. (WT 560 lb)

Drum was on ground level, ring for open top Drum missing Belt, and Drums ~~[illegible]~~ on pallet NOT Banded.

G. Hess EPA on-site, TAT contractor (5 people) Total Environmental Services and technologies, TEST (Div. Beffenbaugh Inc) 4 people. Fork lift operator was Employee of TEST


AREA 11
Bag Room
4 High
3 High
8 rows
R-6
AREA 9
High
AREA 8
4 High
Tank Pit
R-8
Misc
D D D
D D
AREA 5
3 rows
2 High
12 pos
AREA 4
10 rows
1 High
Open
1 row
AREA 3
8 rows
1 High
R-5
AREA 2
4 rows
2 rows
1 High
R-7
AREA 1
1 row
1 row
28 pos
21 pos
4 High
EPA Recovered PCB Items
Walkway
Old Office Area
Door
Driveway
N
LEGEND
T T T T T Transformers & Capacitors
C C C C C 4 x 4 x 4 Wooden Crates
D D D D D 55 gal Drums
Dust Sample Locations ⇒ Black & Veatch
R-1 Air Samples ⇒ EPA-ERT
AREA1 AREAS INVENTORIED by EPA
AREA 6
Palletized Banded 4 High
10 pos
R-4
17 rows
R-3
R-2
11 pos
Palletized Banded 4 High
8 rows
4 High
7 pos
Palletized Banded 4 High
2 rows
6 rows
R-1
Loading Dock
AREA 10
Door
AREA 7
11 rows
Palletized Banded 4 High
12 rows
4 High
16 pos
10 pos
4 rows
10 pos
5 rows
3 High
8 pos
Misc
Loose 1 High
9 pos
5 rows
3 High
3 rows
9 pos
8 rows
Palletized Banded 4 High
4 High
Door
Door

Sample Results

Hess
EP&R

REGION VII ANALYTICAL SERVICES REQUEST FORM

Activity Number N 058D Date 11/4/87
Activity Description Martha Rose inventory
Originator George Hess Division/Branch EPER/ENSV
Projected Sample Delivery Date 11/17

REQUEST SUMMARY

No. of Samples	Matrix	Analyses Type
2-3 samples per week	air samples	PCBs

SPECIAL REQUIREMENTS OR COMMENTS

Samples are to confirm adequate level of personnel protection, as a result sample data will be needed within 24 hours

APPROVALS

[signature] 10/4/87
Originator (Date)

[signature] 11/4/87
Division Director or Branch Chief (Date)

TO BE COMPLETED BY REGION VII LABORATORY
Lab Branch Approval: [signature] 11-5-87

Lab Assignment

- ___ Region VII
- ✓ TAT
- ___ ESAT
- ___ CLP
- ___ Other

Due Date

- ___ Routine
- ASAP ✓ Other

Distribution

- Originator
- Data Coordinator
- CLQA
- RSCC
- ___ ANLT
- ✓ TAT Team Leader
- ___ ESAT Team Leader
- ___ Other

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: 12/4/87 DEC 8 1987

MEMORANDUM

SUBJECT: Data Transmittal For Activity Number: N058D
Site Description: Martha Rose

FROM: Robert D. Kleopfer, Ph.D. RDK
Chief, Laboratory Branch, ENSV

TO: Charles P. Hensley
Chief, Emergency Planning and Response Branch, ENSV

ATTN: _____

Attached is the data transmittal for the above referenced site. This should be considered a X Partial ____ Corrected ____ Complete data transmittal (completes transmittal of _____). If you have any questions or comments, please contact D. Simmons at 236-3881.

Attachments

cc: Data File
George Hess, EP&R
SPFD
TAT

EPA Region VII

Data Qualification Codes

U - Compound was not detected.

M - Compound was qualitatively identified; however, quantitative value is less than contract required detection limits (CLP data); or value is less than limit of quantitation (EPA data).

J - Compound was qualitatively identified; however, compound failed to meet all QA criteria and, therefore, is only an estimated value.

I - Analysis attempted, but no results can be reported.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

NA I - Sample was not analyzed for this compound.

Codes for Flash Point Data

L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.

K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY Site Number:
Location: HOLDEN MO Site Code: 8D

Collected: YR: 87 MO: 11 Day: 18 Time: 0912 Leader: Hoffmeister

Sample Number: N0580-001 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER:) FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED & CAPPED IN Bubble envelope	AQUA.	NONE	TOTAL PCB

Depth: _____ Fan #: ~~[illegible]~~ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 42.0 L
ON FRITZ (DATA RECORDER)

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE Inventory Site Number:
Location: HOLDEN, MO Site Code: 8D

Collected: YR: 87 MO: 11 Day: 18 Time: 0912 Leader: Hoffmeister

Sample Number: N058D-002 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED & CAPPED IN BUBBLE envelope	AQUA	NONE	TOTAL PCB

Depth: _____ Pan #: ~~TMO 0502 SAB~~ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 37.8 L
ON BOB ON FORK TRUCK

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: HOLDEN MO Site Code: 8D

Collected: YR: 87 MO: 11 Day: 18 Time: 0912 Leader: Hoffmeister

Sample Number: N058D-003 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED & CAPPED IN BUBBLE envelope	AQUA	NONE	TOTAL

Depth: _____ Pan #: ~~TM0[illegible]~~ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 0.0 L
CONTROL OR BLANK

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY
Location: HOLDEN, MO
Site Number:
Site Code: 80

Collected: YR: 87 MO: 11 Day: 18 Time: 0912 Leader: HOFFMEISTER

Sample Number: N0580-004 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED IN Bubble envelope	Aqua	None	TOTAL PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:
13 mm Glass Fiber filter.
Volume = 37.8L
ON BOB ON FORK TRUCK

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE inventory Site Number:
Location: HOLDEN, MO Site Code: 8D

Collected: YR: 87 MO: 11 Day: 18 Time: 0912 Leader: Hoffmeister

Sample Number: N058D-005 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED IN BUBBLE envelope	Aqua	None	Total PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

13 mm glass fiber filter

Control

Volume = 0

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY Site Number:
Location: HOLDEN, MO Site Code: 8D

Collected: YR: 87 MO: 11 Day: 23 Time: 825 Leader: Hoffmeister

Sample Number: N058D-006 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER) FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED & TAPED IN CUBITAINER	Aqua	None	TOTAL PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

ON BOB ON FORK TRUCK

Volume = 49.2 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY
Site Number:
Location: HOLDEN, MO
Site Code: 8 D

Collected: YR: 83 MO: 11 Day: 23 Time: 0820 Leader: Hoffmeister

Sample Number: N058D-007 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED AND TAPED IN CUBITAINER	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

ON DATA RECORDER JOHN DOWNING

Vol = 48.9 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: Holden, Mo. Site Code: 8D

Collected: YR: 83 MO: 11 Day: 23 Time: ____ Leader: Hoffmeister

Sample Number: N058D-008 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED & TAPED IN CUBITAINER	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY Site Number:
Location: HOLDEN, MO Site Code: 80

Collected: YR: 87 MO: 11 Day: 23 Time: 0825 Leader: Hoffmeister

Sample Number: N058D-009 SMO #: _____

Sample Media (circle one):
SOIL, (DUST) RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
placed in UOA in cyeitainer	Aqua	None	TOTAL PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

ON BOB ON FORK TRUCK

Volume = 49.2 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: HOLDEN, Mo Site Code: 8D

Collected: YR: 87 MO: 11 Day: 23 Time: 0820 Leader: Hoffmeister

Sample Number: N058D-010 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
placed in VOA in cubitainer	Aqua	None	Total PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

ON DATA LOGGER JOHN DOWNING

Vol = 48.9 L

IBM-PC

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/04/87

	N058D001	N058D002	N058D003	N058D004
PCB1221	1.0U	1.0U	1.0U	1.0U
PCB1232	1.0U	1.0U	1.0U	1.0U
PCB1016 OR	1.0U	1.0U	1.0U	1.0U
PCB1242	1.0U	1.0U	1.0U	1.0U
PCB1248	1.0U	1.0U	1.0U	1.0U
PCB1254	.50U	.50U	.50U	.50U
PCB1260	.50U	.50U	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/04/87

	N058D005	N058D006	N058D007	N058D008
PCB1221	1.0U	1.0U	1.0U	1.0U
PCB1232	1.0U	1.0U	1.0U	1.0U
PCB1016 OR	1.0U	1.0U	1.0U	1.0U
PCB1242	1.0U	1.0U	1.0U	1.0U
PCB1248	1.0U	1.0U	1.0U	1.0U
PCB1254	.50U	.50U	.50U	.50U
PCB1260	.50U	.50U	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/04/87

	N058D009	N058D010
PCB1221	1.0U	1.0U
PCB1232	1.0U	1.0U
PCB1016 OR	1.0U	1.0U
PCB1242	1.0U	1.0U
PCB1248	1.0U	1.0U
PCB1254	.50U	.50U
PCB1260	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DEC 10 1987

DATE: 12/9/87

MEMORANDUM

SUBJECT: Data Transmittal For Activity Number: N058D
Site Description: Martha Rose

FROM: Robert D. Kleopfer, Ph.D. Harold L. Brown for
Chief, Laboratory Branch, ENSV

TO: Charles P. Hensley
Chief, Emergency Planning and Response Branch, ENSV

ATTN: _____

Attached is the data transmittal for the above referenced site. This should be considered a ____ Partial ____ Corrected X Complete data transmittal (completes transmittal of 12/4/87). If you have any questions or comments, please contact D. Simmons at 236-3881.

Attachments

cc: Data File
George Hess, EP+R
SPFD

EPA Region VII

Data Qualification Codes

U - Compound was not detected.

M - Compound was qualitatively identified; however, quantitative value is less than contract required detection limits (CLP data); or value is less than limit of quantitation (EPA data).

J - Compound was qualitatively identified; however, compound failed to meet all QA criteria and, therefore, is only an estimated value.

I - Analysis attempted, but no results can be reported.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

NA I - Sample was not analyzed for this compound.

Codes for Flash Point Data

L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.

K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inn Site Number:
Location: HOLDEN MO Site Code:

Collected: YR: 87 MO: 11 Day: 23 Time: 1615 Leader: Hoffmeister

Sample Number: N058D-Ø11 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	purple	none	TTI PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

GFF control

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1630 Leader: Hoffmeister

Sample Number: N058D-Ø12 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Purple	None	TTI PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: _____

COMMENTS OF FIELD PERSONNEL

Site Description:
Janet C - reorder - Solids Area 7
Volume = ~~49.8~~ 50.14 l
50.00

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1630 Leader: Hoffmeister

Sample Number: N058D-013 SMD #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED & TAPED	purple	None	HI PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:
Janet C recorder Solids Area 7
Volume = 50.00 l.

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INN Site Number:
Location: HOLDEN Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1430 Leader: Hoffmeister

Sample Number: N058 D-D14 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	purple	None	TH PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

COMMENTS OF FIELD PERSONNEL

Site Description:
FORK TRUCK OP. (FREEDY) Area b-crates
Volume = 48.8 l

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INN Site Number:
Location: HOLDEN Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1430 Leader: Hoffmeister

Sample Number: N0580-015 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED & TAPED	purple	none	tbl PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

COMMENTS OF FIELD PERSONNEL

Site Description:

FORK TRUCK OP. (FREDDY) Area 6 - crates
Volume = 48.8 l

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARHA ROSE INV. Site Number:
Location: HOLDEN MO. Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1430 Leader: Hoffmeister

Sample Number: N058 D-016 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
TAped & capped	Purple	none	TTI PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

FLORISIL
CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INV Site Number:
Location: HOLDEN Site Code:

Collected: YR: 87 MO: 12 Day: 1 Time: 1430 Leader: Hoffmeister

Sample Number: N058D-917 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	purple	none	TTI PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

GEF CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Chemical Site Number: 8P
Location: Holden MO. Site Code:

Collected: YR: 87 MO: 12 Day: 4 Time: 1515 Leader: Hess

Sample Number: N058D-018 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz clear	Aqua	None	PCBs

Depth: Surface Fan #: _____ Aliquots: _____

Samplers: Hess + Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

wipe sample using iso octane

100 cm² - left of seat
100 cm² - Floor by clutch pedal
200 cm² total

Fork lift SN# APP518729 (east fork lift)

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha C. Rose Site Number: 8D
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 4 Time: 1520 Leader: Hess

Sample Number: N Ø 58D - 019 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz clear	Aqua	None	PCBs

Depth: Surface Fan #: _____ Aliquots: _____

Samplers: Hess + Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:
wipe sample using iso-octane
Fork lift SN# AJP516945 (West Fork lift)
100 cm² left of seat
100 cm² floor by pedals
200 cm² total

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Chemical Site Number: 8D
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 4 Time: 1525 Leader: Hess

Sample Number: 5Ø58D-02ØF SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz clear	Aqua	None	PCBs

Depth: N/A Pan #: _____ Aliquots: _____

Samplers: Hess + Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

(2) wipe + Iso octane BLANK

IBM-PC

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/08/87

N05BB011

PCB1221	1.0U
PCB1232	1.0U
PCB1016 OR	1.0U
PCB1242	1.0U
PCB1248	1.0U
PCB1254	.50U
PCB1260	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF PSF
MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF
UNITS: UG/M3
CASE:
DATE: 12/08/87

	N058D012	N058D013	N058D014	N058D015
PCB1221	1.0U	1.0U	1.0U	1.0U
PCB1232	1.0U	1.0U	1.0U	1.0U
PCB1016 OR	1.0U	1.0U	1.0U	1.0U
PCB1242	1.0U	1.0U	1.0U	1.0U
PCB1248	1.0U	1.0U	1.0U	1.0U
PCB1254	.50U	.50U	.50U	.50U
PCB1260	.50U	.50U	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/08/87

	N058D016	N058D017
PCB1221	1.0U	1.0U
PCB1232	1.0U	1.0U
PCB1016 OR	1.0U	1.0U
PCB1242	1.0U	1.0U
PCB1248	1.0U	1.0U
PCB1254	.50U	.50U
PCB1260	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: HAZARDOUS
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/WP
CASE:
DATE: 12/08/87

	N058D018	N058D019	N058D020F
PCB1221	.50U	.50U	.50U
PCB1232	.50U	.50U	.50U
PCB1016 OR	.50U	.50U	.50U
PCB1242	.50U	.50U	.50U
PCB1248	42.	9.1	.50U
PCB1254	.25U	.25U	.25U
PCB1260	24.	1.7	.25U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DEC 17 1987

DATE: 12/16/87

MEMORANDUM

SUBJECT: Data Transmittal For Activity Number: N058D
Site Description: Martha Rose

FROM: Robert D. Kleopfer, Ph.D. RDK
Chief, Laboratory Branch, ENSV

TO: Charles P. Hensley
Chief, Emergency Planning and Response Branch, ENSV

ATTN: _____

Attached is the data transmittal for the above referenced site. This should be considered a ____ Partial ____ Corrected X Complete data transmittal (completes transmittal of 12/9 and 12/4/87). If you have any questions or comments, please contact D. Simmons at 236-3881.

Attachments

cc: Data File

EPA Region VII

Data Qualification Codes

U - Compound was not detected.

M - Compound was qualitatively identified; however, quantitative value is less than contract required detection limits (CLP data); or value is less than limit of quantitation (EPA data).

J - Compound was qualitatively identified; however, compound failed to meet all QA criteria and, therefore, is only an estimated value.

I - Analysis attempted, but no results can be reported.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

NA I - Sample was not analyzed for this compound.

Codes for Flash Point Data

L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.

K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 7 Time: 1530 Leader: Hess

Sample Number: N0580-021 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description: Volume = 41.7 l
ON mike T. - Recorder in Sec 7 (liquids)

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Chemical Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 7 Time: 1530 Leader: Hess

Sample Number: N058D-Ø22 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER: FLORISIL)

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
Taped & Capped	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description: Volume = 41.7 l
on Mike T. - recorded in Sec. 7 (liquids)

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 7 Time: 1530 Leader: Hess

Sample Number: N0580-023 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	None	TTI. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description: Volume = 42.1 l
ON FRED (FORK TRUCK) Sec. 6 (liquids)

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY Site Number:
Location: HOLDEN, MO. Site Code: 8b

Collected: YR: 87 MO: 12 Day: 7 Time: 1530 Leader: Hess

Sample Number: N058D-Ø24 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
Capped & Taped	Aqua	None	TTL. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description: Volume = 42.1 l

Freo (Fork-truck) Sec 6 (liquids) at 1000 hrs. was involved in spill and subsequent clean-up of one 55 gal. drum.

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE INVENTORY Site Number:
Location: HOLDEN, MO Site Code: 8P

Collected: YR: 87 MO: 12 Day: 2 Time: 1530 Leader: HESS

Sample Number: N058D-Ø25 SMO #: _____

Sample Media (circle one):
SOIL, (DUST,) RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	None	Total PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA ROSE CHEMICAL INVENTORY Site Number:
Location: HOLDEN, MO Site Code: 80

Collected: YR: 87 MO: 12 Day: 7 Time: 1530 Leader: HESS

Sample Number: N0580-Ø26 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
Taped & capped	Aqua	None	TTI. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha C. Rose Chemical Site Number: 8D
Location: Holden Site Code:

Collected: YR: 87 MO: 12 Day: 8 Time: 1435 Leader: Hess

Sample Number: N058D-027 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
4 oz glas	Aqua	None	PCBs

Depth: _____ Pan #: _____ Aliquots: 2

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description: Resample after 2nd Decon

~~Hess~~

100 cm² wipe - seat area
100 cm² wipe - floor
200 cm² TOTAL

wipe w/iso-octane

Fork lift SN# APP 518729

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha C. Rose Chemical Site Number: 80
Location: Holden Site Code:

Collected: YR: 87 MO: 12 Day: 8 Time: 1450 Leader: Hess

Sample Number: N05B0 -02B SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: Blank

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
4 oz Glass	Aqua	None	PCBs

Depth: _____ Fan #: _____ Aliquots: 2

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description:
wipe Blank w/ iso octane

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory
Location: Holden, Mo
Site Number:
Site Code:

Collected: YR: 87 MO: 12 Day: 9 Time: 1400 Leader: Hess

Sample Number: N0580-029 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER:) Wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8oz bottle	Aqua	None	TTL PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description: 200 cm² Area
Solvent = 1500 octane
Air Bottle

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 9 Time: 1400 Leader: Hess

Sample Number: N058D-030F SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): Wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz bottles	Aquia	None	TT/PCB

Depth: _____ Fan #: ~~_____~~ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

BLANK

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Chemical Inventory Site Number:
Location: Holden, Mo. Site Code:

Collected: YR: 87 MO: 12 Day: 10 Time: 1430 Leader: Hess

Sample Number: N0580-031 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER) wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz jar	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

200 cm² Sampled
150 octane - Solvent

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Chemical Inventory Site Number:
Location: Holden, Mo Site Code:

Collected: YR: 87 MO: 12 Day: 10 Time: 1430 Leader: Hess

Sample Number: N058D-Ø32F SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): Wipe

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz	Aqua	None	TTL, PCB's

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

CONTROL

Solvent – Isooctane

IBM-PC

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
MPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/11/87

	N058D021	N058D022	N058D023	N058D024
PCB1221	1.0U	1.0U	1.0U	1.0U
PCB1232	1.0U	1.0U	1.0U	1.0U
PCB1016 OR	1.0U	1.0U	1.0U	1.0U
PCB1242	1.0U	1.0U	1.0U	1.0U
PCB1248	1.0U	1.0U	1.0U	1.0U
PCB1254	.50U	.50U	.50U	.50U
PCB1260	.50U	.50U	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 12/11/87

	N058D025	N058D026
PCB1221	1.0U	1.0U
PCB1232	1.0U	1.0U
PCB1016 OR	1.0U	1.0U
PCB1242	1.0U	1.0U
PCB1248	1.0U	1.0U
PCB1254	.50U	.50U
PCB1260	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: HAZARDOUS
METHOD: 8701M70
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/WP
CASE:
DATE: 12/14/87

	N058D027	N058D028F	N058D029	N058D030F
PCB1221	.50U	.50U	.50U	.50U
PCB1232	.50U	.50U	.50U	.50U
PCB1016 OR	.50U	.50U	.50U	.50U
PCB1242	.50U	.50U	.50U	.50U
PCB1248	15.	.50U	110.	.50U
PCB1254	.25U	.25U	.25U	.25U
PCB1260	7.2	.25U	9.7	.25U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: HAZARDOUS
METHOD: 8701M70
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/WP
CASE:
DATE: 12/14/87

	N058D031	N058D032F
PCB1221	.50U	.50U
PCB1232	.50U	.50U
PCB1016 OR	.50U	.50U
PCB1242	.50U	.50U
PCB1248	.23M	.50U
PCB1254	.25U	.25U
PCB1260	.100M	.25U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: 1/7/88

MEMORANDUM

SUBJECT: Data Transmittal For Activity Number: N058D
Site Description: Martha Rose

FROM: Robert D. Kleopfer, Ph.D.
Chief, Laboratory Branch, ENSV

TO: Charles P. Hensley
Chief, Emergency Planning and Response Branch, ENSV

ATTN: _____

Attached is the data transmittal for the above referenced site. This should be considered a ____ Partial ____ Corrected X Complete data transmittal (completes transmittal of 12/16, 12/9, and 12/4/87). If you have any questions or comments, please contact D. Simmons at 236-3881.

Attachments

cc: Data File

EPA Region VII

Data Qualification Codes

U - Compound was not detected.

M - Compound was qualitatively identified; however, quantitative value is less than contract required detection limits (CLP data); or value is less than limit of quantitation (EPA data).

J - Compound was qualitatively identified; however, compound failed to meet all QA criteria and, therefore, is only an estimated value.

I - Analysis attempted, but no results can be reported.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

NA I - Sample was not analyzed for this compound.

Codes for Flash Point Data

L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.

K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Chemical Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 500 Leader: Hess

Sample Number: N058P-033 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
CAPPED & TAPED	Aqua	None	+/1 PCB's

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmaster

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = ~~Total~~ 40.2 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARTHA Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 1500 Leader: Hess

Sample Number: N058D-034 SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	N/A	TTL. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 40.2 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Rose Chemical Inventory Site Number:
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 1500 Leader: Hess

Sample Number: N0580-035 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: FLORISIL

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED & CAPPED	Aqua	N/A	TTL. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 36.6 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Rose Chemical Inventory Site Number:
Location: Holden, Mo Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 1500 Leader: Hess

Sample Number: N058P-036 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	None	TTI PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

Volume = 36.6 L

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Rose Chemical Inventory Site Number:
Location: Holden, Mo Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 1500 Leader: Hess

Sample Number: N058D-037F SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, (OTHER): FLORISIL

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
TAPED & CAPPED	Aqua	None	TTL. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hoffmeister

COMMENTS OF FIELD PERSONNEL

Site Description:

FLORISIL CONTROL

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Rose Chemical Inventory Site Number:
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 16 Time: 1500 Leader: Hess

Sample Number: N058P-Ø38F SMO #: _____

Sample Media (circle one):
SOIL, (DUST), RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
VOA	Aqua	None	TTL PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: _____

_____

COMMENTS OF FIELD PERSONNEL

Site Description:

GFF Control

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: Holden, Mo. Site Code:

Collected: YR: 87 MO: 12 Day: 21 Time: ~~1400~~ 1550 Leader: Hess

Sample Number: N058D-039 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: Wipe

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
8oz wide mouth	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description:

Fork Truck SN A177B22018H

Southern most also East

100 cm² Left of seat
100 cm² Mid floor
} Total wipe 200 cm² w/ iso-octane

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: MARtha Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 21 Time: ~~1400~~ 1555 Leader: Hess

Sample Number: N058D-Ø4Ø SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: WIPE

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz wide mouth	Aqua	None	Total PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description:
Fork Truck S/N A177B2Ø627H

North mom,
100 cm2 LEFT OF SEAT
100 cm2 MID FLOOR BOARD
200 cm2 TOTAL wipe ACH w/ISO-OCTANE

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: Holden, MO Site Code:

Collected: YR: 87 MO: 12 Day: 21 Time: ~~1400~~ 1600 Leader: Hess

Sample Number: N0580-041 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
8oz wide mouth	Aqua	None	Total PCB

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description:

Air Bottle

100 cm² at top of bottle

w/ iso octane

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Martha Rose Inventory Site Number:
Location: HOLDEN, MO Site Code:

Collected: YR: 87 MO: 12 Day: 21 Time: ~~1100~~ 1600 Leader: Hess

Sample Number: N0580-042F SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: wipe

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
8 oz open	Aqua	None	Ttl. PCB

Depth: _____ Fan #: _____ Aliquots: _____

Samplers: Hess

COMMENTS OF FIELD PERSONNEL

Site Description:

Control

2 wipes + isooctane

IBM-PC

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: BF PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: JM _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 01/04/88

	N058D033	N058D034	N058D035	N058D036
PCB1221	1.0U	1.0U	1.0U	1.0U
PCB1232	1.0U	1.0U	1.0U	1.0U
PCB1016 OR	1.0U	1.0U	1.0U	1.0U
PCB1242	1.0U	1.0U	1.0U	1.0U
PCB1248	1.0U	1.0U	1.0U	1.0U
PCB1254	.50U	.50U	.50U	.50U
PCB1260	.50U	.50U	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF

MATRIX: AIR
METHOD: NIOSH
REVIEWER: _____
DATA FILE: PSF

UNITS: UG/M3
CASE:
DATE: 01/04/88

	N058D037F	N058D038F
PCB1221	1.0U	1.0U
PCB1232	1.0U	1.0U
PCB1016 OR	1.0U	1.0U
PCB1242	1.0U	1.0U
PCB1248	1.0U	1.0U
PCB1254	.50U	.50U
PCB1260	.50U	.50U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PCB DATA for SURFACE WIPES

TITLE: ROSE CHEMICAL
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: PSF
MATRIX: HAZARDOUS
METHOD: 8701M70
REVIEWER: _____
DATA FILE: PSF
UNITS: UG/WP
CASE:
DATE: 01/04/88

	N058D039	N058D040	N058D041	N058D042F
PCB1221	.50U	.50U	.50U	.50U
PCB1232	.50U	.50U	.50U	.50U
PCB1016 OR	.50U	.50U	.50U	.50U
PCB1242	.50U	.50U	.50U	.50U
PCB1248	.48M	1.6	.50U	.50U
PCB1254	.25U	.25U	.25U	.25U
PCB1260	.14M	.28	.25U	.25U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

Inventory Data
Generator Codes
Rose Warehouse Codes

APPENDIX D

F

NEWROSE L. DBF

EPA LAB. FRM

3/12/88

3M

Worldwide Sponsor
1988 Olympic Games

3M diskettes

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
06/30/87

COPY

CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
1	KANSAS POWER & ELECTRIC	1602	KANSAS POWER & LIGHT
2	M.C. ROSE	1322	MARTHA C. ROSE (MCR)
3	MAINE PUBLIC SERVICE CO.	1309	MAINE PUBLIC SERVICE CO
4	SWEPCO	1504	SOUTHWESTERN ELECTRIC POWER CO.
5	LOOP POWER DIST	1304	LOUP RIVER PUBLIC POWER
6	CLECO	1596	CENTRAL LOUISIANA ELECTRIC CO (CLECO)
7	IOWA PUBLIC SERVICES	1601	IOWA PUBLIC SERVICE CO
8	NELSON ELECTRIC	1720	CHERRY-BURRELL CORP. (NELSON ELECTRIC)
9	CRETE MILLS	1144	CRETE MILLS
10	LA POWER & LIGHT	1603	LOUISIANA POWER/NEW ORLEANS PUBLIC SVC
11	SUMOHOD RELEASE	1522	SUNOHIO
12	CAMPBELL	1080	CAMPBELL SOUP CO
13	CASS COUNTY ELECT	1089	CASS COUNTY ELECTRIC COOP
14	ALABAMA ELECTRIC CO	1003	ALABAMA ELECTRIC COOP INC
15	INTERSTATE POWER	1600	INTERSTATE POWER
16	WEST TEXAS UTILITIES	1605	WEST TEXAS UTILITIES
17	IPS	1601	IOWA PUBLIC SERVICE CO
18	COLORADO SPRINGS PUB UTILITIES	1597	COLO SPRINGS DEPT OF PUBL UTILITIES
19	IOWA PUBLIC POWER	1259	IOWA POWER & LIGHT CO
20	WHEATLAND ELECTRIC	1580	WHEATLAND ELECTRIC
21	MISSOURI PUBLIC SERVICES	1337	MISSOURI PUBLIC SERVICE
22	ILLINOIS POWER	1599	ILLINOIS POWER
23	S.E. IOWA COOP & ELECT ASSN	1609	S.E. IOWA COOP ELECT ASSN (IAEC)
24	BLUERIDGE EMC	1046	BLUE RIDGE ELECTRIC COOP
25	IOWA POWER	1259	IOWA POWER & LIGHT CO
26	NOR-GRAN-SOV-ELECT CO	1347	MOR-GRAN-SOU ELECTRIC COOP INC
27	SAVH ELECTRIC POWER CO	1468	SAVANNAH ELECTRIC

INVENTORY NERATOR REPORT
CLEAN SITES, INC.
06/30/87

CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
28	N.O.P.S.I. (LA)	1603	LOUISIANA POWER/NEW ORLEANS PUBLIC SVC
29	MID-MO ELECT CO	1330	MID MO ELECTRIC CO
30	DELTA MONTROSE ELECT	1157	DELTA MONTROSE ELECTRIC
31	CENTRAL VIRGINIA ELECT CO	1103	CENTRAL VIRGINIA ELECTRIC
32	POWER ENGINEERING & TEST SER	1730	LENOIR CITY UTIL.S BD (POWER ENG & TEST)
33	WHITE RIVER ELECT	1581	WHITE RIVER ELECTRIC
34	CITY OF DALLAS	1147	DALLAS (CITY OF)
35	COLOMBIAN SUNOHIO RELEASE	1522	SUNOHIO
36	G.T.E. PRODUCTS CORP	1549	UNISTRUT-GTE
37	LOGAN CITY & LIGHT	1300	LOGAN CITY MUN LIGHT
38	PLAINS ELECTRIC	1428	PLAINS ELECTRIC COOP
39	CITY OF MARYSVILLE, KS	1315	MARYSVILLE (CITY OF) (KS)
40	GRAND ISLAND ELECTRIC	1218	GRAND ISLAND ELECTRIC DEPT
41	ST LOUIS COUNTY	1511	ST LOUIS COUNTY - LCRA
42	METALLURGIGAL INC	1326	METALLURGICAL INC
43	CITY OF HART	1232	HART HYDROELECTRIC DEPT (CITY OF)
44	NEWKIRK ELECT - MORTON	1370	NEWKIRK ELECTRIC
45	CTY OF COLORADO PUB SER & UTL	1597	COLO SPRINGS DEPT OF PUBL UTILITIES
46	MASSACHUSSETTS ELECT CO	1604	NEW ENGLAND POWER SERVICE CO
47	NEBRASKA PUBLIC SERV & UTL	1363	NEBRASKA PUBLIC POWER DIST OPER DIR
48	SUBSTATION TESTING SERV & UTL	1518	SUBSTATION TESTING SERVICE INC
49	O.K. ELECTRIC	1606	O K ELECTRIC
50	ORANGE ROCKLAND UTILITIES	1400	ORANGE & ROCKLAND UTILITIES
51	OMAHA STEEL CASTINGS	1399	OMAHA STEEL CASTINGS
52	CANEY VALLEY ELECTRIC	1083	CANEY VALLEY ELECTRIC COOP ASSOC INC
53	NINNESCAH ELECTRIC	1371	NINNESCAH RURAL ELECTRIC (NINNESEH ELEC)
[illegible]	[illegible]	1460	SAVANNAH ELECTRIC

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
55	NARRAGHASETT ELECT	1604	NEW ENGLAND POWER SERVICE CO
56	CENTRAL LOUISIANA ELECT CO	1596	CENTRAL LOUISIANA ELECTRIC CO (CLECO)
57	ST MARYS LODGE	1513	ST. MARY'S LODGE-ST. MARY'S RB, INC.
58	COMMONWEALTH EDISON	1598	COMMONWEALTH EDISON
59	CITY OF WOOD RIVER	1586	WOOD RIVER (CITY OF)
60	RUNSTON UTILITIES	1459	RUSTON UTILITIES SYSTEM
61	CITY OF CALHOUN	1075	CALHOUN (CITY OF)
62	NEW ENGLAND POWER	1604	NEW ENGLAND POWER SERVICE CO
63	SOUTHWESTERN ELECT CORP	1504	SOUTHWESTERN ELECTRIC POWER CO.
64	ASSOCIATED ELECTRIC	1023	ASSOCIATED ELECTRIC COOP
65	CENTRAL ILLINOIS PUBLIC SERV	1096	CENTRAL ILL PUBLIC SERVICE
66	NAVO-PACHE ELECTRIC CO-OP INC	1362	NAVOPACHE ELECTRIC COOP, INC.
67	GAINESVILLE REGIONAL UTILITIES	1205	GAINESVILLE REGIONAL UTILITIES
68	NORTHERN ELECTRIC COOP INC	1380	NORTHERN ELECTRIC COOP
69	HONEYWELL INC.	1345	HONEYWELL INC (MINN)
70	A.P. GREEN REFRACTORIES CO.	[illegible]	A P GREEN REFRACTORIES CO [illegible]
71	GLADES ELECTRIC COOP	1214	GLADES ELECTRIC COOP
72	CITY OF BURBANK	1066	BURBANK (CITY OF)
73	K.P. & L. GAS SERVICE	[illegible]	KANSAS POWER & LIGHT
74	VELCHER REINHARDT	[illegible]	FLETCHER-REINHARDT CO
75	VALLEY ELECT CO	1556	VALLEY ELECTRIC
76	POOPENAL ELECT. CO-OP	0	XXXXXXXXX NOT FOUND [illegible]
77	FLORIDA KEY CO-OP	1192	FLORIDA KEYS ELECTRIC COOP
78	VETERANS ADMINISTRATION	1562	VETERANS ADMIN. [illegible]
79	SUNBELT TRANSFORMERS	1521	SUNBELT TRANSFORMERS
80	ORCAS POWER	1402	ORCAS POWER & LIGHT
81	COASTAL STABLES	1126	COASTAL STATES CRUDE GATHERING CO.

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
82	SUBSTATION TESTING	1518	SUBSTATION TESTING SERVICE INC
83	CENTRAL ELECT COOP	1094	CENTRAL ELECTRIC POWER COOP (PA)
84	BRERMEN ELECT LIGHT POWER CO	1055	BREMEN ELECTRIC
85	WORTHINGTON DRESSER CO	1589	WORTHINGTON DRESSER CO
86	GARWOOD PAPERBOARD MILL CO	1210	GARWOOD PAPERBOARD MILL CO
87	UTL COMM CTY OF NEW SMYRNOBEACH	1369	NEW SMYRNA BEACH UTILITIES COMM
88	ATHENS ELECT.	1025	ATHENS ELECTRIC DEPT
89	STEWART AND STEVENSON	1517	STEWART & STEVENSON
90	EASTERN EDISON CO	1167	EASTERN EDISON
91	EASTON UTILITIES COMMISSION	1169	EASTON UTILITIES COMMISSION
92	KOOTENAI ELECTRIC CO-OP	1279	KOOTENAI ELECTRIC COOP
93	CITY OF RALEIGH	1439	RALEIGH (CITY OF)
94	CITY OF STURGIS	1234	HELPER INC
95	CITY PUBLIC SERVICE	1464	SAN ANTONIO CITY PUBLIC SERVICE
96	SORROCO ELECTRIC CO-OP	1493	SOCORRO ELECTRIC COOP INC
97	NEW ORLEANS PUBLIC SERVICE	1603	LOUISIANA POWER/NEW ORLEANS PUBLIC SVC
98	MORTON SALT	1723	MORTON SALT CO.
99	BEAVER CTY MUNICPL LIGHT & POWER	1038	BEAVER CITY MUN POWER & LIGHT
100	OMAHA PUBLIC POWER	1397	OMAHA PUBLIC POWER
101	W.L. WHEATLEY INC./CAMPBELL SOUP	1080	CAMPBELL SOUP CO
102	CONTINENTAL DIVIE ELECTRIC	1138	CONTINENTAL DIVIDE ELECTRIC
103	CHAMPION INTERNATIONAL CORP	1104	CHAMPION INTERNATIONAL CORP
104	LAPORTA UTILITY	1289	LAPORTE CITY UTILITIES
105	DETROIT LAKE	1163	DETROIT LAKES MUN UTILITIES
106	ELKHERM PUBLIC POWER	1175	ELKHORN RURAL PUBLIC POWER DIST
107	CAROLINA PUBLIC LIGHT	1088	CAROLINA POWER & LIGHT
108	UNIVERS OF SOUTHERN CAROLINA	1495	SOUTH CAROLINA (UNIVERSITY OF)

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
109	SAN BERNARD ELECTRIC CO	1465	SAN BERNARD ELECTRIC
110	C & W ELECTRIC CO-OP	1072	C & W ELECTRIC COOP
111	OWATONNA PUBLIC UTILITIES	1406	OWATONNA PUBLIC UTILITIES
112	ROCHESTER PUBLIC UTILITIES	1448	ROCHESTER PUBLIC UTILITIES
113	INT'L FLAVOR & FRAGRANCE INC	1255	INTERNATIONAL FLAVOR & FRAGRANCE
114	TRANSCYCLE IND INC	1535	TRANSCYCLE IND INC
115	ROCK ISLAND ARSNICK	1721	DEPT. OF ARMY (ROCK ISL. ARSENAL)
116	FOUR COUNTRY ELECTRIC	1198	FOUR COUNTY ELECTRIC
117	TOPEKA	1533	TOPEKA WATER POLLUTION
118	UNITED POWER ASSOC	1551	UNITED POWER ASSOC
119	Y.W. ELECTRIC ASSOC	[illegible]	YW ELECTRIC ASSOC INC
120	VILLAGE OF TALMAGE	1527	TALMAGE (VILLAGE OF)
121	SUN OHIO	1522	SUNOHIO
122	DECATUR UTILITIES	1152	DECATUR UTILITIES
123	LOGAN CITY LIGHT	1300	LOGAN CITY MUN LIGHT
124	C.M.I. CADILLAC INC	1123	CMI CAST PARTS INC
125	IOWA ASSOC. OF CO-OPS	1097	CENTRAL IOWA POWER COOP (CIPCO) (IAEC)
126	TEXAS ELECTRIC	1531	TEXAS ELECTRIC COOP
127	[illegible] CLEAN INDUSTRY	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
128	VILLAGE OF MORRISVILLE	1349	MORRISVILLE (VILLAGE OF)
129	STEGER TEIDER SCHEIT	1600	INTERSTATE POWER
130	BOUILLER ELECTRIC	1051	BOUILLE ELECTRIC INC (BOUILLE)
131	NAVARRO CO. ELECTRIC COOP	1361	NAVARRO COUNTY ELECTRIC COOP INC
132	HIGHLINE ELEC. ASSOC	1239	HIGHLINE ELECTRIC ASSOC
133	WEBSTER CITY PRODUCTS	1573	WEBSTER CITY PRODUCTS
134	RSR ELECTRIC COOP	1457	RSR ELECTRIC COOP

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
136	BLACK RIVERFALLS ELEC. & WATER	1042	BLACK RIVER FALLS MUN ELECTRIC & WATER
137	KOSCIOUSKA WATER & LIGHT	1280	KOSCIUSKO WATER & LIGHT
138	KANSAS CITY POWER & LIGHT	1607	KANSAS CITY POWER & LIGHT
139	CITY ELEC SYSTEM OF KEY WEST, FL	1277	KEY WEST UTILITY BOARD
140	J.T.U.	1605	WEST TEXAS UTILITIES
141	NORTH AMERICAN PHILLIPS	1375	NORTH AMERICAN PHILIPS (AMER. PHILLIPS)
142	TRANSCULLE INC.	1535	TRANSCYCLE IND INC
143	MASS. ELECTRIC CO.	1604	NEW ENGLAND POWER SERVICE CO
144	WORTHINGTON PUB UTILITIES	1590	WORTHINGTON PUB UTILITIES (MUN.)
145	ROBERTS ELECTRIC COOPERATIVE	1446	ROBERTSON ELECTRIC CO
146	VANBAREN LIGHT & POWER DISTRICT	1537	VAN BUREN LIGHT & POWER DIST
147	MIDWEST ENERGY	1331	MIDWEST ENERGY INC (KS)
148	CHAMPION UTIL FORMS	1104	CHAMPION INTERNATIONAL CORP
149	C.P.L.	1603	LOUISIANA POWER/NEW ORLEANS PUBLIC SVC
150	SHAWANS MUNICIPAL UTILITIES	1479	SHAWANO MUN UTILITIES
151	TEXAS ELECTRIC	1531	TEXAS ELECTRIC COOP
152	K.P. & C KANSAS	1602	KANSAS POWER & LIGHT
153	COOKE CO	1140	COOK COUNTY ELECTRIC COOP ASSOC
154	B.K. ELECTRIC	1030	B-K ELECTRIC COOP
155	COOK COUNTY	1140	COOK COUNTY ELECTRIC COOP ASSOC
156	IA. POWER & LIGHT	1259	IOWA POWER & LIGHT CO
157	CA. POWER & LIGHT	1088	CAROLINA POWER & LIGHT
158	KEY WEST UTILITY BOARD	1277	KEY WEST UTILITY BOARD
159	BOSSIER RURAL ELECT.	1050	BOSSIER RURAL ELECTRIC
160	ROBERSTON ELECT. CORPORATION	1446	ROBERTSON ELECTRIC CO
161	FARMERS RURAL ELECT.	1184	FARMERS RURAL ELECTRIC COOP (KENTUCKY)
162	CLIFF IMPACT DIV PARKER HANNIFIN CORP	1413	PARKER HANNIFIN CORP

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
163	WIARTON CO ELECT. CO-OP INC	1578	WHARTON COUNTY ELECTRIC COOP INC
164	DEPARTMENT OF UTILITY	1469	SCHUYLER DEPT OF UTILITIES (NE)
165	AUBURN BOARD OF PUB. UTILITY	1026	AUBURN BOARD OF PUBLIC WORKS
166	WYRULE CO	1593	WYRULEC CO
167	FT. BELKNOP ELEC	1194	FORT BELKNAP ELECTRIC COOP
168	KEY WEST UTILITY BOARD	1277	KEY WEST UTILITY BOARD
169	MILLE LUES ELECT.	1332	MILLE LACS ELECTRIC COOP
170	WHITE HALL LEATHER	1583	WHITEHALL LEATHER
171	LIBERTY MUNICIPAL ELEC SYSTEM	1293	LIBERTY MUN ELECTRIC SYSTEM
172	CITY OF BROWNFIELD	1062	BROWNFIELD (CITY OF)
173	CHAMPION VALLEY FARMS	1080	CAMPBELL SOUP CO
174	BLUE RIDGE ELECT. MEMBERSHIP	1046	BLUE RIDGE ELECTRIC COOP
175	DEANS FOOD CO	1151	DEAN FOODS CO
176	HIGHLINE ELECT. ASSOCIATION	1238	HIGHLINE ELECTRIC ASSOC
177	CITY OF GALT	1206	GALT (CITY OF) (MISSOURI)
178	CITY OF BEBETHEN	0	XXXXXXXXXX NOT FOUND XXXXXXXXX
179	CITY OF EDGER	1171	EDGAR (CITY OF)
180	ALLIANCE MUNICIPAL POWER CO.	1010	ALLIANCE MUN ELECTRIC DEPT
181	LOUP PUBLIC POWER DISTRICT	1304	LOUP RIVER PUBLIC POWER
182	COST	1573	WEBSTER CITY PRODUCTS
183	SOCORRO ELECT CO.	1493	SOCORRO ELECTRIC COOP INC
184	ELECT. CO-OP ASSN TEVERNIER FL.	0	XXXXXXXXXX NOT FOUND XXXXXXXXX
185	MO. PUBLIC WORKS	1337	MISSOURI PUBLIC SERVICE
186	PIERCE UTILITIES	1421	PIERCE UTILITIES
187	MAINE POWER CO.	0	XXXXXXXXXX NOT FOUND XXXXXXXXX
188	WYRALEE CO	1593	WYRULEC CO
189	CITY OF OCONOTO FALLS	1391	OCONTO FALLS (CITY OF)

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
190	DOT TEXAS URUNES CO.	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
191	CITY OF ROSETOWN UTILITY	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
192	FEDERAL AVIATION ADMIN.	1182	FEDERAL AVIATION ADM. (FAA)
193	NEBRASKA PUBLIC POWER DIST	1363	NEBRASKA PUBLIC POWER DIST OPER CTR
194	CITY OF SIDNEY	1484	SIDNEY ELECTRIC UTILITY
195	SOUTHERN NE RURAL PUBLIC POWER	1501	SOUTHERN NEBRASKA RURAL PUBLIC
196	KALISH ELECTRIC	1080	CAMPBELL SOUP CO
197	CITY OF GARDEN CITY ELECT.	1207	GARDEN CITY MUN
198	GARDEN CITY ELECT. CO	1207	GARDEN CITY MUN
199	HENDRICK CO R.E.M.C.	1235	HENDRICKS CO REMC
200	K ELECTRIC	1269	K ELECTRIC CO
201	LOELEDS ORIEN MFG.	1283	LACLEDE CHAIN MFG.
202	CITY OF PRING	1436	PRIMGHAR (CITY OF)
203	CITY OF PRUIGHEL	1436	PRIMGHAR (CITY OF)
204	OXFORD PROPERTIES INC.	1408	OXFORD PROPERTIES INC
205	RICHMOND P & L	1445	RICHMOND POWER & LIGHT
206	CITY OF VERSALLIES OH.	1560	VERSAILLES BD OF PUBLIC [illegible]
207	TRANSFORMER SERVICE INC.	1538	TRANSFORMER SERVICE INC (N.[illegible])
208	GSA	1671	GSA(TSI)
209	VILLAGE OF CHELSEA	1107	CHELSEA (VILLAGE OF)
210	CENTRAL FOUNDRY DIV	1728	GENERAL MOTORS
211	BOUILLE ELECT.	1051	BOUILLE ELECTRIC INC [illegible]
212	COASTEL STATE CRUDE	1126	COASTAL STATES CRUDE GATHERING CO.
213	PIERRE MUNICIPAL P & L	1422	PIERRE MUN POWER & LIGHT
214	ROCK ISLAND ARSENAL	1721	DEPT. OF ARMY (ROCK ISL. ARSENAL)
215	ST MARY'S ENTERPRISES INC	1513	ST. MARY'S LODGE-ST. MARY'S RR, INC.
216	KATAHDIN TRUST CO.	1680	KATAHDIN TRUST CO(TSI)

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
217	CITY OF JAMESTOWN, NY	1679	JAMESTOWN (CITY OF) BOARD OF PUB UT(TSI)
218	NINESCAN ELECTRIC	1371	NINNESCAH RURAL ELECTRIC (NINNESEH ELEC)
219	AMERCIAN SALT	1015	AMERICAN SALT
220	SHILOH MUNICIPAL BUILDING	1482	SHILOH BOARD OF PUBLIC AFFAIRS
221	LANSON MILK CO	1288	LAWSONS MILK CO. (LANSON)
222	MASTER MAINTENANCE	1318	MASTER MAINTENANCE
223	SIERRA FRUIT CO	1486	SIERRA FRUIT CO
224	CITY OF PASADENA	1414	PASADENA (CITY OF)
225	N.L. INDUSTRIES	1373	N L INDUSTRIES (ST LOUIS MISSOURI)
226	LAPORT CITY, IA	1289	LAPORTE CITY UTILITIES
227	CORNING GLASS WORKS	1658	CORNING GLASS WORKS(TSI)
228	MARS ELECTRO	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
229	BUREAU OF RECLAIMATION CASPER WY	1067	BUR OF RECLAMATION DEPT (ADDISON CONST)
230	AMERICAN THREAD	1651	AMERICAN THREAD COMPANY(TEL
231	PINER AMERICAN, INC.	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
232	N.L. IND	1373	N L INDUSTRIES (ST LOUIS MISSOURI)
233	PACKAGING CORP OF AMERICA	1409	PACKAGING CORP OF AMERICA
234	CITY OF LAKEVIEW, IA	1284	LAKEVIEW (CITY OF)
235	ITS	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
236	LAMBERT ELEC. CO.	1286	LAMBERT ELECTRIC
237	MANSFIELD ELEC. CO.	1311	MANSFIELD ELECTRIC CO
238	FIRST BABTIST CHURCH	1189	FIRST BABTIST CHURCH (PINEVILLE CA)
239	AUBURN BOARD OF PUB. WORKS	1026	AUBURN BOARD OF PUBLIC WORKS
240	SOUTHEASTTERN ELC. CO	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
241	LPK	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
242	CPSC	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
243	CITY OF COLDWELL, TX	1074	CALDWELL (CITY OF)

INVENTORY GENERATOR REPORT
CLEAN SITES, INC.
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CWM CODE	CWM GENERATOR NAME	CSI CODE	CSI GENERATOR NAME
244	TWIN CITY ELEC. CO.	1543	TWIN CITY ELECTRIC
245	WESTINGHOUSE	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX
246	LAPORTE CITY, IA	1289	LAPORTE CITY UTILITIES
247	CHRYSLER TRUCK (WARREN MI)	1110	CHRYSLER WARREN TRUCK PLT-CHRYSLER MOTOR
248	CITY OF PASADENA, CA.	1414	PASADENA (CITY OF)
249	COTTUL INC.	1538	TRANSFORMER SERVICE INC (N.H.)
250	IOWA PLASTIC CO.	1601	IOWA PUBLIC SERVICE CO
251	SIDNEY ELEC CO	1484	SIDNEY ELECTRIC UTILITY
252	CONCORD ELEC. CO	1657	CONCORD ELEC CO(TSI)
253	LAPORTE CITY/LAPORTE LA	1289	LAPORTE CITY UTILITIES
254	GENERAL ELECTRIC	1602	KANSAS POWER & LIGHT
255	CITY OF SAN ANTONIO, TX	1464	SAN ANTONIO CITY PUBLIC SERVICE
256	AMERICAN HOECHST CO	1650	AMERICAN HOECHST CORPORATION(TSI)
257	CITY OF SHUYLER, NEB	1469	SCHUYLER DEPT OF UTILITIES (NE)
258	CITY OF COL SPRINGS CO	1597	COLO SPRINGS DEPT OF PUBL UTILITIES
259	VILLAGE OF CHELSEA	[illegible]	CHELSEA (VILLAGE OF)
260	CITY OF SHAWANO, WI	1479	SHAWANO MUN UTILITIES
261	PACKAGING CORP OF PAMA_IA	1409	PACKAGING CORP OF AMERICA
262	SIGURA FRUIT CO.	[illegible]	[illegible] FRUIT CO
263	LAKE ERIE SCROW	0	XXXXXXXXXX NOT FOUND XXXXXXXXXX

CAPACITOR CODES

A-------CORE UNCUT

AA-----CORE CUT LENGTHWISE

4A-----CORE CUT LENGTHWISE AND EVERY 4" CROSSWISE

AL-----ALUMINUM

C------CAPACITORS (WHOLE)

CP-----CORE PAPER

I------INSULATOR

OX-----CAPACITOR LINE OIL (DRAINED FROM CAPACITORS)

S-------STEEL

SS-------STAINLESS STEEL

TRANSFORMER CODES

CTD-----CORE TORN DOWN

F-------FINS

CT------COPPER

HM------HEAVY METAL

TPA-----TRANSFORMER PROCESSING AREA

T-------TRANSFORMER

TI------TRANSFORMER INSULATOR

TF------TRANSFORMER FINS

TM------TRANSFORMER METAL- SILICON STEEL

TP------TRANSFORMER PAPER

T-SHELL-TRANSFORMER SHELL

WT------WIPE TEST

OIL CODES

O-------OIL IN DRUMS

OX------CAPACITOR LINE OIL (ALWAYS HIGH PART) DRAINED FROM CAPACITORS

OT------TRANSFORMER OIL

OT TRANSFORMER OIL	123456 WAREHOUSE NO.	A 1ST DRUM OF A NUMBER OF DRUMS

SAFE----NON SYNTHETIC(PROCESSABLE)

REAGENT-RESIDUE FROM REACTOR PROCESS

BATCH---PROCESSED OIL FROM REACTOR

2X------DOUBLE DILUTED

X2------MULTIPLIED BY TWO

ACID 2X-ACID TREATED TWICE

MISCELANEOUS CODES

M-------MISCELLANEOUS (DIRT, ROCK, RAGS, SAFETY GEAR)

MCR-----CLEAN UP FROM GENERATORS MATERIAL (CAN BE TIED TO THE GENERATOR AND DATE PROCESSED

L-------QUESTIONABLE MATERIAL

D-------DIESEL

V-------111-TRICHLORETHANE

>-------GREATER THAN 10,000 PPM

<-------LESS THAN 10,000 PPM

NRS-----NOT REAGENT SAFE

TANK CODES

DST-------DOCK STORAGE TANK

RST-------REACTOR STORAGE TANK

SBST------SOUTH BUILDING STORAGE TANK

WHST------WAREHOUSE STORAGE TANK

PST-------PIT STORAGE TANK

Martha C. Rose Chemical Company
TAT 7 Inventory - 1987

Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
10001	NA	1479	NA	/ /	1	TRANSFORM.	9	PACK.E. SN62565
10002	NA	NA	0228	/ /	1	TRANSFORM.	9	PACK.E. SN62567
10004	4A-16373	MCR	0015	/ /	1	TRANSFORM.	9	INTRST.P/M SN/IA, #90
10005	T-19309	NA	NA	/ /	0	TRANSFORM.	4	NA
10006	T-21372	1762	0165	01/21/86	1	TRANSFORM.	4	
10007	T-16642	1175	0016	12/20/84	1	TRANSFORM.	4	
10008	T-20120	1630	0001	11/21/85	1	TRANSFORM.	9	P W
10009	NA	NA	0015	/ /	1	TRANSFORM.	4	GPA#MNT280 01193
10010	T-18658	1479	NA	07/19/85	1	TRANSFORM.	9	e.s.t.
10011	NA	NA	NA	/ /	0	TRANSFORM.	9	GE3094469
10012	T-21255	1743	0001	12/28/85	1	TRANSFORM.	9	p.w.
10013	NA	NA	NA	/ /	0	TRANSFORM.	4	674984/MOL ONEY
10014	T-18642	1465	NA	/ /	0	TRANSFORM.	9	
10015	T-21353	1765	0001	/ /	1	TRANSFORM.	9	10-85 e.s.t.
10016	T-21355	1765	0001	/ /	1	TRANSFORM.	9	10-85
10017	T-21356	1765	0001	/ /	1	TRANSFORM.	9	10-85 e.s.t.
10018	NA	NA	NA	/ /	0	TRANSFORM.	9	insd prts e.s.t
10019	T-20121	1630	0001	11/21/85	1	TRANSFORM.	9	p.w.
10020	T-19486	1576	0055	10/21/85	1	TRANSFORM.	9	p.w.
10021	T-19101	1522	0143	08/25/85	1	TRANSFORM.	9	e.s.t.

Martha C. Rose Chemical Company
TAT 7 Inventory - 1987

Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
10022	T-17473	1306	NA	/ /	0	TRANSFORM.	9	insd prts e.s.t
10023	T-19102	1522	0143	08/25/85	1	TRANSFORM.	9	e.s.t.
10024	T-17449	1291	0222	/ /	1	TRANSFORM.	9	na e.s.t.
10025	T-19553	1581	0001	11/04/85	1	TRANSFORM.	9	p.w.
10026	T-20948	1718	0221	/ /	1	TRANSFORM.	9	na p.w.
10027	NA	NA	0022	/ /	0	TRANSFORM.	9	A100-2-XM
10028	T-19661	1587	0055	10/03/85	1	TRANSFORM.	9	p.w.
10029	T-20152	NA	NA	/ /	0	TRANSFORM.	9	na p.w.
10030	T-21173	1734	0046	12/18/85	1	TRANSFORM.	9	
10031	T-19484	1575	0055	10/21/85	1	TRANSFORM.	9	p.w.
10032	T-20578	1671	0046	/ /	1	TRANSFORM.	9	na p.w.
10033	T-20571	1694	0046	11/13/85	1	TRANSFORM.	9	e.s.t.
10034	T-20560	1682	0006	10/10/85	1	TRANSFORM.	9	p.w.
10035	T-19199	1541	0207	10/03/85	1	TRANSFORM.	9	p.w.
10036	T-21448	1773	0001	01/18/86	1	TRANSFORM.	9	
10037	T-20145	1640	0217	08/30/85	1	TRANSFORM.	9	p.w.
10038	NA	NA	0046	/ /	1	TRANSFORM.	9	MAD0429244 72M02
10039	T-16971	1262	0007	03/05/85	1	TRANSFORM.	9	p.w.
10040	T-18825	1503	0210	09/25/85	1	TRANSFORM.	9	p.w.
10041	T-18926	1503	0210	09/25/85	1	TRANSFORM.	9	e.s.t.
10042	T-17950	1355	0009	07/09/85	1	TRANSFORM.	9	p.w.
10043	T-20310	1649	0004	/ /	0	TRANSFORM.	3	NA
10044	T-18684	1475	0027	08/26/85	0	TRANSFORM.	3	
10045	T-19674	1586	0229	11/06/85	1	TRANSFORM.	3	p.w.
10046	T-21766	1797	0078	02/09/86	1	TRANSFORM.	1	e.s.t.
10047	T-21765	1797	0078	02/09/86	1	TRANSFORM.	1	e.s.t.
10048	T-18641	1464	0143	/ /	1	TRANSFORM.	1	MAD9807137 1S
10049	T-18640	1464	0046	/ /	1	TRANSFORM.	3	MAD9807317 1S
10050	T-21175	1734	0046	/ /	0	TRANSFORM.	3	na p.w.
10051	T-19665	1588	0046	10/26/85	1	TRANSFORM.	3	p.w.
10052	T-18899	1502	0207	/ /	1	TRANSFORM.	3	na p.w.
10053	T-19869	1609	0229	11/13/85	1	TRANSFORM.	3	p.w.
10054	T-19483	1575	0055	10/21/85	1	TRANSFORM.	3	p.w.
10055	T-19485	1576	0055	10/21/85	1	TRANSFORM.	3	p.w.
10056	T-18140	1395	0001	07/28/85	1	TRANSFORM.	3	
10057	T-18146	1395	0001	07/28/85	1	TRANSFORM.	3	
10058	T-18150	1395	0001	07/28/85	1	TRANSFORM.	3	
10059	T-18363	1432	0207	06/21/85	1	TRANSFORM.	3	
10060	T-18364	1432	0207	06/12/85	1	TRANSFORM.	3	
10061	T-18369	1432	0207	06/21/85	1	TRANSFORM.	3	
10062	T-18370	1432	0207	06/21/85	1	TRANSFORM.	3	
10063	T-17999	1364	0207	/ /	1	TRANSFORM.	3	NA

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10064	T-18005	1364	NA	/ /	0	TRANSFORM.	3	NA
10065	T-18011	1364	0230	06/20/85	1	TRANSFORM.	3	
10066	T-18000	1364	NA	/ /	0	TRANSFORM.	3	NA
10067	T-17337	1286	0207	05/15/85	0	TRANSFORM.	3	
10068	T-18303	1431	NA	07/25/85	0	TRANSFORM.	3	
10069	T-17778	1346	NA	06/28/85	0	TRANSFORM.	3	
10070	T-18013	1364	0207	07/15/85	0	TRANSFORM.	3	
10071	T-17994	1364	0207	06/14/85	1	TRANSFORM.	3	
10072	T-18014	1364	0207	07/15/85	0	TRANSFORM.	3	
10073	T-17781	1346	0208	/ /	0	TRANSFORM.	3	NA
10074	T-18002	1364	NA	/ /	0	TRANSFORM.	3	NA
10075	T-17995	1364	0231	04/11/85	1	TRANSFORM.	3	
10076	T-17966	NA	0231	06/11/85	1	TRANSFORM.	3	
10077	T-18012	1364	0207	07/15/85	1	TRANSFORM.	2	
10078	T-17998	1364	NA	/ /	0	TRANSFORM.	3	NA
10079	T-18708	1364	0207	01/25/85	1	TRANSFORM.	3	
10080	T-18006	1364	0227	06/18/85	1	TRANSFORM.	3	
10081	T-17553	1316	0015	08/19/85	1	TRANSFORM.	3	
10082	T-18504	1435	0007	08/06/85	1	TRANSFORM.	3	
10083	T-18787	1465	0134	06/19/85	1	TRANSFORM.	3	
10084	T-18007	1364	0227	06/25/85	1	TRANSFORM.	2	
10085	T-17136	1268	0227	06/25/85	1	TRANSFORM.	3	
10086	T-18003	1364	0227	06/25/85	1	TRANSFORM.	3	
10087	T-17780	1346	0208	/ /	1	TRANSFORM.	2	NA
10088	T-17782	1346	0208	06/28/85	1	TRANSFORM.	3	
10089	T-17783	1346	0208	/ /	1	TRANSFORM.	2	NA
10090	T-18145	1395	0138	07/23/85	1	TRANSFORM.	3	
10091	T-18144	1395	0138	07/23/85	1	TRANSFORM.	3	
10092	T-18143	1395	0138	07/23/85	1	TRANSFORM.	3	
10093	T-18142	1395	0138	07/23/85	1	TRANSFORM.	3	
10094	T-17359	1286	0207	05/15/85	1	TRANSFORM.	3	
10095	T-17360	1286	0207	05/15/85	1	TRANSFORM.	3	
10096	T-17343	1286	0207	05/24/85	1	TRANSFORM.	3	
10097	T-17352	1286	0207	05/15/85	1	TRANSFORM.	3	
10098	T-17353	1286	0207	05/15/85	1	TRANSFORM.	3	
10099	T-17596	1326	0207	06/01/85	1	TRANSFORM.	3	
10100	T-17597	1326	0207	06/01/85	1	TRANSFORM.	3	
10101	T-17342	1316	0015	06/19/85	1	TRANSFORM.	3	
10102	T-17132	1268	0207	04/29/85	1	TRANSFORM.	3	
10103	T-17518	1309	0109	05/15/85	1	TRANSFORM.	3	
10104	T-17134	1268	0207	04/25/85	1	TRANSFORM.	3	
10105	T-16018	1162	0244	04/01/85	0	TRANSFORM.	3	
10106	T-16018	1162	NA	04/01/85	0	TRANSFORM.	3	
10107	T-16017	1162	NA	01/10/85	0	TRANSFORM.	3	
10108	T-17373	1286	0207	05/15/85	1	TRANSFORM.	3	
10109	T-17374	1286	0207	05/15/85	1	TRANSFORM.	3	

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10110	T-16075	1186	0225	04/01/85	1	TRANSFORM.	3	
10111	T-16074	1186	0225	04/01/85	1	TRANSFORM.	3	
10112	T-16076	1186	NA	/ /	0	TRANSFORM.	3	NA
10113	T-17379	1286	0207	05/15/85	1	TRANSFORM.	3	
10114	T-17380	1286	0207	05/15/85	1	TRANSFORM.	3	
10115	T-17378	1286	0207	05/15/85	1	TRANSFORM.	3	
10116	T-17377	1286	0207	05/15/85	1	TRANSFORM.	3	
10117	T-16158	1185	0006	04/23/85	1	TRANSFORM.	3	
10118	T-17293	1273	0016	04/24/85	1	TRANSFORM.	3	
10119	T-16159	1185	0006	04/23/85	1	TRANSFORM.	2	
10120	T-18138	1395	0001	06/05/85	1	TRANSFORM.	3	
10121	T-18148	1395	0001	07/28/85	1	TRANSFORM.	3	
10122	T-18149	1395	0001	05/07/85	1	TRANSFORM.	3	
10123	T-18042	1362	0016	06/04/85	1	TRANSFORM.	3	
10124	T-18043	1362	0016	06/04/85	1	TRANSFORM.	3	
10125	T-17543	1316	0015	/ /	1	TRANSFORM.	3	NA
10126	T-17608	1334	0208	06/25/85	1	TRANSFORM.	3	
10127	T-17602	1334	0208	06/25/85	1	TRANSFORM.	3	
10128	T-17606	1334	0208	/ /	1	TRANSFORM.	3	NA
10129	T-12672	819	NA	09/16/85	0	TRANSFORM.	3	
10130	T-18372	1432	0207	07/16/85	1	TRANSFORM.	3	
10131	T-18122	1373	0233	04/15/85	1	TRANSFORM.	3	
10132	T-18259	1403	0001	/ /	1	TRANSFORM.	3	NA
10133	T-18147	1395	0001	07/01/85	1	TRANSFORM.	3	
10134	T-18121	1373	0233	04/15/85	1	TRANSFORM.	3	
10135	T-18374	1432	0207	07/17/85	1	TRANSFORM.	2	
10136	T-18269	1371	0234	06/24/85	1	TRANSFORM.	3	
10137	T-18188	1390	0073	08/07/85	1	TRANSFORM.	3	
10138	NA	NA	0235	/ /	1	TRANSFORM.	3	IPA1350A/S TRMLK
10139	T-18685	1475	0027	08/26/83	0	TRANSFORM.	3	
10140	T-16882	1252	NA	10/04/85	0	TRANSFORM.	3	
10141		MCR	NA	/ /	0	TRANSFORM.	3	DRAINED 08/26/84
10142	T-20295	1649	0004	/ /	1	TRANSFORM.	3	NA
10143	T-20564	1694	0046	11/20/85	1	TRANSFORM.	3	
10144	T-17523	1313	NA	/ /	0	TRANSFORM.	3	NA
10145	NA	NA	NA	/ /	0	TRANSFORM.	3	NA
10146	T-17112	1269	NA	/ /	1	TRANSFORM.	2	na e.s.t.
10147	T-15920	1160	0207	02/15/85	0	TRANSFORM.	3	
10148	T-15573	1128	0214	01/21/85	1	TRANSFORM.	3	
10149	T-16972	1262	0007	05/03/85	0	TRANSFORM.	3	
10150	T-18650	1479	0046	07/17/85	1	TRANSFORM.	3	
10151	T-18836	1492	0236	08/03/85	1	TRANSFORM.	3	
10152	T-18837	1492	0236	08/03/85	1	TRANSFORM.	3	
10153	T-18835	1492	0236	08/03/85	1	TRANSFORM.	3	

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10154	T-19595	1569	0237	07/03/85	1	TRANSFORM.	3	
10155	T-19479	1577	0046	09/24/85	1	TRANSFORM.	3	
10156	T-18447	1428	NA	/ /	0	TRANSFORM.	3	NA
10158	T-18656	1479	0046	07/10/85	1	TRANSFORM.	3	
10159	T-18923	1502	0207	09/04/85	1	TRANSFORM.	3	
10160	T-17446	1289	0146	06/06/85	1	TRANSFORM.	3	
10161	T-20130	1641	0207	10/24/85	1	TRANSFORM.	3	
10162	T-201470	1640	0217	08/30/85	1	TRANSFORM.	3	
10163	T-20153	1639	0217	08/30/85	1	TRANSFORM.	2	
10164	T-120154	1639	0217	08/30/85	1	TRANSFORM.	3	
10165	T-21278	1750	0016	01/09/86	1	TRANSFORM.	3	
10166	T-21280	1750	0016	01/10/86	1	TRANSFORM.	3	
10167	T-21281	1750	0016	/ /	1	TRANSFORM.	3	
10168	T-21282	1750	0016	01/10/86	1	TRANSFORM.	3	
10169	T-21279	1750	0016	09/24/85	1	TRANSFORM.	3	
10170	NA	NA	0046	11/26/85	1	TRANSFORM.	3	
10171	T-20865	1706	0091	/ /	1	TRANSFORM.	3	NA
10172	T-18538	1453	0001	08/07/85	1	TRANSFORM.	3	
10173	T-20123	1641	0207	10/17/85	1	TRANSFORM.	3	
10174	T-20127	1641	0207	10/17/85	1	TRANSFORM.	3	
10175	T-21645	1794	0238	01/30/86	1	TRANSFORM.	3	
10176	T-21677	1791	0238	01/30/86	1	TRANSFORM.	3	
10177	T-18800	1457	0092	02/08/85	1	TRANSFORM.	3	
10178	T-18801	1457	0092	06/11/85	1	TRANSFORM.	3	
10179	T-17351	1286	0207	05/15/85	1	TRANSFORM.	3	
10180	T-18651	1479	0046	07/17/85	1	TRANSFORM.	3	
10181	T-18652	1479	0046	07/10/85	1	TRANSFORM.	3	
10182	T-18660	1479	0046	11/10/85	1	TRANSFORM.	3	
10183	T-18659	1610	0046	09/17/85	1	TRANSFORM.	3	
10184	T-17135	1268	0207	04/15/85	1	TRANSFORM.	3	
10185	T-17136	1268	0207	/ /	1	TRANSFORM.	3	NA
10186	T-17354	1286	0207	05/15/85	1	TRANSFORM.	3	
10187	T-18915	1502	0207	08/26/85	1	TRANSFORM.	3	
10188	T-17344	1286	0207	05/15/85	1	TRANSFORM.	3	
10189	T-18696	1490	0012	09/03/85	1	TRANSFORM.	3	
10190	T-18697	1490	0012	09/03/85	1	TRANSFORM.	3	
10191	T-18698	1490	0012	09/03/85	1	TRANSFORM.	3	
10192	T-18699	1490	0012	09/03/85	1	TRANSFORM.	3	
10194	T-18702	1490	0012	09/03/85	1	TRANSFORM.	3	
10195	T-18703	1490	0012	09/03/85	1	TRANSFORM.	3	
10196	T-18704	1490	0012	09/03/85	1	TRANSFORM.	3	
10197	T-18693	1490	0012	09/03/85	1	TRANSFORM.	3	
10198	T-18689	1490	0012	09/03/85	1	TRANSFORM.	3	
10199	T-15723	1140	NA	/ /	0	TRANSFORM.	8	INSIDE
10200	T-17113	1269	0207	/ /	0	TRANSFORM.	3	-NA
10201	T-18537	1453	0001	08/12/85	1	TRANSFORM.	3	

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10202	T-18654	1102	0046	07/17/85	1	TRANSFORM.	3	
10204	T-18655	1479	0046	07/17/85	1	TRANSFORM.	3	
10205	T-21371	1762	0239	01/21/86	1	TRANSFORM.	3	
10206	T-21361	1764	0039	10/02/85	1	TRANSFORM.	3	
10207	T-18690	1490	0012	09/03/85	1	TRANSFORM.	3	
10208	T-17443	1289	0146	05/05/85	1	TRANSFORM.	3	
10209	T-17441	1284	0146	05/05/85	1	TRANSFORM.	3	
10210	T-19862	1613	0001	11/12/85	1	TRANSFORM.	3	
10211	T-18826	1500	0055	09/16/85	1	TRANSFORM.	3	
10212	T-21643	1793	0083	01/06/85	1	TRANSFORM.	3	
10213	T-20307	1649	0004	10/29/85	1	TRANSFORM.	3	
10214	NA	NA	NA	/ /	0	TRANSFORM.	3	GE SN#7514589
10215	T-20311	1649	0004	11/25/85	1	TRANSFORM.	3	
10216	T-20221?	1645	0241	11/26/85	1	TRANSFORM.	3	
10217	T-14914	1016	NA	/ /	0	TRANSFORM.	3	NA
10218	T-20228	1638	0242	11/26/85	1	TRANSFORM.	3	
10219	T-17121	1267	NA	/ /	0	TRANSFORM.	3	NA
10220	T-17120	1267	NA	/ /	0	TRANSFORM.	3	NA
10221	T-17992	1364	NA	/ /	0	TRANSFORM.	3	NA
10222	T-17357	1286	0207	05/15/85	1	TRANSFORM.	3	
10223	T-17356	1286	0207	05/15/85	1	TRANSFORM.	3	
10224	T-17335	1286	0207	05/15/85	1	TRANSFORM.	3	
10225	T-17367	1286	0207	05/15/85	1	TRANSFORM.	3	
10226	T-17366	1286	0207	05/15/85	1	TRANSFORM.	3	
10227	T-17366	1286	0207	08/15/85	1	TRANSFORM.	3	
10228	T-18789	1485	0006	09/06/85	1	TRANSFORM.	3	T-18741
10229	T-18905	1502	0207	08/26/85	1	TRANSFORM.	3	
10230	T-18901	1502	0207	08/26/85	1	TRANSFORM.	3	
10231	T-18902	1502	0207	08/26/85	1	TRANSFORM.	3	
10232	T-20575	1671	0134	/ /	1	TRANSFORM.	3	GE#7986976
10233	T-19695	1572	0243	02/24/85	1	TRANSFORM.	3	
10234	T-20577	1671	0134	03/14/85	1	TRANSFORM.	3	
10235	T-20574	1671	0134	03/14/85	1	TRANSFORM.	3	
10236	T-20976	1671	0134	03/14/85	1	TRANSFORM.	3	
10237	T-19434	1542	0223	10/21/85	1	TRANSFORM.	3	
10238	T-19432	1542	NA	/ /	0	TRANSFORM.	3	NA
10239	NA	NA	NA	/ /	0	TRANSFORM.	3	NA
10240	T-18826	1500	0055	09/16/85	1	TRANSFORM.	3	
10241	T-18829	1499	0055	09/16/85	1	TRANSFORM.	3	
10242	T-18827	1499	NA	09/16/85	0	TRANSFORM.	3	
10243	T-18823	1500	0055	09/16/85	1	TRANSFORM.	3	
10244	T-21374	1769	0186	01/16/86	1	TRANSFORM.	3	
10245	T-12321	800	NA	08/25/84	0	TRANSFORM.	3	
10246	T-18841	1491	0244	04/16/84	1	TRANSFORM.	3	
10247	T-19667	1588	0046	10/22/85	1	TRANSFORM.	3	

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10248	T-19668	1588	0046	10/22/85	1	TRANSFORM.	3	
10249	NA	NA	0073	/ /	0	TRANSFORM.	3	SN#6910119
10250	T-20452	1669	0055	11/20/85	1	TRANSFORM.	15	p.w.
10251	T-20451	1669	0055	/ /	1	TRANSFORM.	3	na e.s.t.
10252	T-21069	1617	0078	11/02/85	0	TRANSFORM.	3	e.s.t.
10253	T-21070	1617	0078	11/02/85	1	TRANSFORM.	3	e.s.t.
10254	T-20937	1710	0034	/ /	1	TRANSFORM.	3	na p.w.
10255	T-17704	1345	0208	/ /	1	TRANSFORM.	3	NA
10256	NA	NA	0046	/ /	1	TRANSFORM.	3	p.w. 10/85
10257	T-18707	1495	0245	/ /	1	TRANSFORM.	3	na p.w.
10258	T-19660	1587	0055	10/30/85	2	TRANSFORM.	3	e.s.t.
10259	T-18824	1500	0055	09/16/85	1	TRANSFORM.	3	TRNSCAB
10260	T-19103	1522	0046	08/25/85	1	TRANSFORM.	8	p.w.
10261	T-21174	1734	0055	12/13/85	1	TRANSFORM.	3	p.w.
10262	T-19474	1577	0046	09/24/85	1	TRANSFORM.	3	
10263	T-21447	1773		/ /	0			
10266	T-19666	1588	0001	10/26/85	1	TRANSFORM.	3	
10267	T-20561	1682	0006	11/25/85	1	TRANSFORM.	8	p.w.
10268	T-15735	1149	0001	03/07/85	1	TRANSFORM.	3	
10269	T-15912	1160	0207	03/22/85	1	TRANSFORM.	3	
10270	T-15372	1111	0100	03/12/85	0	TRANSFORM.	3	
10271	T-15371	1111	0100	/ /	1	TRANSFORM.	3	NA
10272	T-17369	1286	0207	05/15/85	1	TRANSFORM.	3	
10273	T-153??	1111	0100	/ /	1	TRANSFORM.	3	GE#B544102
10274	T-15402	1094	0246	02/22/85	1	TRANSFORM.	3	
10275	T-15401	1094	0246	/ /	1	TRANSFORM.	3	NA
10276	NA	1019	NA	02/04/85	0	TRANSFORM.	3	
10277	NA	NA	NA	03/18/85	0	TRANSFORM.	3	
10278	T-18010	1364	NA	06/18/85	0	TRANSFORM.	3	
10279	NA	NA	0247	07/13/84	1	TRANSFORM.	3	
10280	T-18004	1364	NA	/ /	0	TRANSFORM.	3	NA
10281	T-21550	1778	0046	/ /	1	TRANSFORM.	3	na p.w.
10282	T-17339	1286	0207	05/15/85	1	TRANSFORM.	3	
10283	T-17452	1290	0224	/ /	1	TRANSFORM.	3	NA
10284	T-15578	1128	NA	02/04/85	1	TRANSFORM.	3	
10285	T-19162	1533	0210	/ /	1	TRANSFORM.	3	p.w.
10286	T-11602	755	0015	/ /	1	TRANSFORM.	3	NA
10287	T-15742	1151	0138	03/20/85	1	TRANSFORM.	3	
10288	T-17141	1264	0212	/ /	1	TRANSFORM.	3	NA
10289	T-17473	1306	0207	/ /	1	TRANSFORM.	3	NA
10290	T-16328	1197	0017	03/29/85	1	TRANSFORM.	3	
10291	T-16041	1173	0016	03/20/85	1	TRANSFORM.	3	
10292	T-17404	1284	0251	04/14/85	1	TRANSFORM.	3	
10293	T-17403	1284	0251	04/14/85	1	TRANSFORM.	3	
10294	T-17133	1268	0207	03/22/85	1	TRANSFORM.	3	
10295	T-16903	1260	0252	/ /	1	TRANSFORM.	3	NA

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10296	T-16648	1222	0017	04/15/85	1	TRANSFORM.	3	
10297	T-16648	1225	0213	05/01/85	1	TRANSFORM.	3	
10298	T-17395	1283	0015	09/24/85	1	TRANSFORM.	3	p.w.
10299	T-18894	1502	0207	08/23/85	1	TRANSFORM.	3	e.s.t.
10300	T-18898	1502	0207	08/09/85	1	TRANSFORM.	5	p.w.
10301	T-19672	1586	0229	11/04/85	1	TRANSFORM.	3	p.w.
10302	T-20563	1682	0006	10/08/85	1	TRANSFORM.	4	
10303	T-19664	1588	0046	10/09/85	1	TRANSFORM.	3	p.w.
10304	T-19478	1577	0046	08/30/85	1	TRANSFORM.	4	
10305	T-20146	1640	0217	08/30/85	1	TRANSFORM.	4	
10306	T-18919	1502	0207	08/27/85	1	TRANSFORM.	3	
10307	T-19671	1586	0229	10/30/85	1	TRANSFORM.	3	
10308	T-18448	1430	0138	05/16/85	1	TRANSFORM.	3	
10309	T-20144	1640	0217	08/30/85	1	TRANSFORM.	3	
10310	T-19868	1609	0229	11/13/85	1	TRANSFORM.	3	p.w.
10311	T-20670	1695	0055	12/03/85	1	TRANSFORM.	3	
10312	T-20142	1640	NA	08/30/85	0	TRANSFORM.	3	
10313	T-20562	1682	0006	/ /	1	TRANSFORM.	3	na p.w.
10314	T-20143	1640	0217	08/30/85	1	TRANSFORM.	3	p.w.
10315	T-20551	1682	0006	/ /	1	TRANSFORM.	3	IBERIA CNTRL/LA
10316	T-19476	1577	0046	10/17/85	1	TRANSFORM.	3	p.w.
10317	T-18383	1432	0207	/ /	1	TRANSFORM.	3	na e.s.t.
10318	T-10318	1362	0016	07/03/85	1	TRANSFORM.	3	
10319	T-15905	1160	0207	02/28/85	1	TRANSFORM.	3	
10320	T-15407	1094	0226	/ /	1	TRANSFORM.	3	NA
10321	T-21258	1743	0001	12/28/85	1	TRANSFORM.	3	
10322	T-21251	1743	0001	12/28/85	1	TRANSFORM.	3	
10323	T-21357	1743	0001	12/28/85	1	TRANSFORM.	3	
10324	T-19371	1553	0108	/ /	1	TRANSFORM.	3	NA
10325	T-18705	1495	0245	06/03/85	1	TRANSFORM.	3	p.w.
10326	T-19673	1586	0229	11/07/85	1	TRANSFORM.	3	p.w.
10327	T-18706	1495	0254	/ /	1	TRANSFORM.	3	na p.w.
10328	T-21632	1793	0046	02/03/86	1	TRANSFORM.	3	p.w.
10329	T-21551	1778	0046	01/09/86	1	TRANSFORM.	3	
10330	T-21549	1778	0046	/ /	1	TRANSFORM.	3	na p.w.
10331	T-15026	1038	NA	/ /	0	TRANSFORM.	3	CAPCITORcasings
10332	T-15967	1160	0207	02/28/85	1	TRANSFORM.	3	
10333	T-15896	1160	0207	02/28/85	1	TRANSFORM.	3	
10334	T-15906	1160	0207	02/28/85	1	TRANSFORM.	3	
10335	T-15902	1160	0207	02/28/85	1	TRANSFORM.	3	
10336	T-18691	1490	0012	09/03/85	1	TRANSFORM.	3	
10337	T-21354	1765	0001	07/15/85	1	TRANSFORM.	5	
10338	T-21548	1778	0046	/ /	1	TRANSFORM.	3	na p.w.
10339	T-20665	1695	0055	12/03/85	1	TRANSFORM.	3	CABNT

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10340	T-19864	1613	0001	11/23/85	1	TRANSFORM.	3	
10341	T-19863	1613	0001	11/17/85	1	TRANSFORM.	3	
10342	T-18662	1469	0008	/ /	1	TRANSFORM.	4	NA
10343	T-18661	1469	0008	/ /	1	TRANSFORM.	4	NA
10344	T-21628	NA	0036	12/27/85	1	TRANSFORM.	3	p.w.
10345	T-21629	1785	0211	/ /	1	TRANSFORM.	4	NA
10346	NA	NA	NA	/ /	0	TRANSFORM.	4	AC# 2487182
10347	T-19475	1577	0046	09/17/85	1	TRANSFORM.	5	p.w.
10348	T-20667	1695	0055	12/03/85	1	TRANSFORM.	3	
10349	T-21176	1733	0055	12/23/85	1	TRANSFORM.	3	p.w.
10350	T-19189	1541	NA	09/16/85	1	TRANSFORM.	4	
10351	T-18918	1502	0207	08/30/85	1	TRANSFORM.	3	
10352	T-19593	1569	0237	07/03/85	1	TRANSFORM.	3	
10353	T-19594	1569	0237	07/03/85	1	TRANSFORM.	3	
10354	T-17703	1345	NA	/ /	0	TRANSFORM.	3	NA
10355	T-15725	1140	NA	/ /	0	TRANSFORM.	3	CAPCITORcasings
10356	T-17107	1269	NA	/ /	0	TRANSFORM.	3	NA
10357	T-17525	1313	NA	/ /	2	TRANSFORM.	1	
10358	T-18134	1394	NA	/ /	0	TRANSFORM.	3	NA
10359	T-18511	NA	NA	/ /	0	TRANSFORM.	3	NA
10360	T-17699	1345	NA	/ /	0	TRANSFORM.	3	NA
10361	T-16020	1162	NA	/ /	0	TRANSFORM.	3	NA
10362	T-14912	1016	NA	/ /	0	TRANSFORM.	3	NA
10363	T-18136	1399	NA	/ /	0	TRANSFORM.	3	NA
10364	T-15013	1037	NA	/ /	0	TRANSFORM.	3	NA
10365	T-17825	1337	NA	/ /	0	TRANSFORM.	3	NA
10366	NA	NA	NA	/ /	0	TRANSFORM.	3	NA
10367	T-18312	1431	NA	/ /	0	TRANSFORM.	3	NA
10368	T-18312	1431	NA	/ /	0	TRANSFORM.	3	NA
10369	T-17705	1345	NA	/ /	0	TRANSFORM.	3	NA
10370	T-17522	1313	NA	/ /	0	TRANSFORM.	3	NA
10371	T-21681	1791	0054	01/11/86	1	TRANSFORM.	3	
10372	T-21682	1791	0054	10/11/86	1	TRANSFORM.	3	
10373	T-21683	1791	0054	/ /	1	TRANSFORM.	3	#5518724
10374	T-21680	1791	0054	10/11/85	1	TRANSFORM.	3	
10375	T-21679	1791	0054	10/11/85	1	TRANSFORM.	3	
10376	T-21684	1791	0207	/ /	1	TRANSFORM.	2	NA
10377	T-17108	1269	0055	05/24/85	1	TRANSFORM.	3	
10378	T-21862	1805	0093	10/01/85	1	TRANSFORM.	4	
10379	T-21676	1791	0054	11/18/85	1	TRANSFORM.	3	
10380	T-21675	1791	0054	11/18/85	1	TRANSFORM.	3	
10381	T-21678	1791	0054	11/18/85	1	TRANSFORM.	3	
10382	T-21677	1791	0054	10/11/85	1	TRANSFORM.	3	
10383	T-21690	1791	0054	10/11/85	1	TRANSFORM.	3	

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10384	T-21688	1790	0054	10/11/85	1	TRANSFORM.	3	
10385	T-21680	1791	0054	10/11/85	1	TRANSFORM.	3	
10386	T-21687	1791	0054	10/11/85	1	TRANSFORM.	3	
10387	T-21686	1791	0054	10/11/85	1	TRANSFORM.	3	
10388	T-21685	1791	0054	10/11/85	1	TRANSFORM.	3	
10389	T-21691	1791	0054	/ /	1	TRANSFORM.	3	NA
10390	T-21693	1791	0054	10/11/85	1	TRANSFORM.	3	
10391	T-21692	1791	0054	10/11/85	1	TRANSFORM.	3	
10392	T-21673	1791	0054	10/11/85	1	TRANSFORM.	3	
10393	T-21674	1791	0054	10/11/85	1	TRANSFORM.	3	
10394	T-21672	1791	0054	10/11/85	1	TRANSFORM.	3	
10395	T-21671	1791	0054	10/11/85	1	TRANSFORM.	3	
10396	T-21668	1791	0054	10/11/85	1	TRANSFORM.	3	
10397	T-21670	1791	0054	10/11/85	1	TRANSFORM.	3	
10398	T-21669	1791	NA	10/11/85	1	TRANSFORM.	3	
10399	T-21360	1764	0039	10/02/85	1	TRANSFORM.	3	
10400	T-17993	1364	NA	/ /	0	TRANSFORM.	3	NA
10401	T-18304	1431	NA	/ /	0	TRANSFORM.	3	NA
10402	T-18302	1431	NA	/ /	0	TRANSFORM.	3	
10403	T-15741	1151	0138	03/20/85	1	TRANSFORM.	3	
10404	T-21860	1805	0093	10/01/85	1	TRANSFORM.	4	
10405	T-19198	1541	0207	09/30/85	1	TRANSFORM.	3	
10406	T-19185	1541	0207	09/16/85	1	TRANSFORM.	3	
10407	T-17437	1289	0146	06/06/85	1	TRANSFORM.	3	
10408	T-18679	1475	0027	08/26/85	1	TRANSFORM.	3	
10409	T-19443	1586	0161	10/15/85	1	TRANSFORM.	3	
10410	T-19442	1566	0161	10/15/85	1	TRANSFORM.	3	
10411	T-21704	1791	0027	10/11/85	1	TRANSFORM.	3	
10412	T-21706	1791	0054	10/11/85	1	TRANSFORM.	3	
10413	T-21705	1791	0054	/ /	1	TRANSFORM.	3	W#5432339
10414	T-17524	1313	0255	10/26/85	1	TRANSFORM.	3	
10415	T-21699	1791	0229	10/11/85	1	TRANSFORM.	3	
10416	T-21698	1791	0054	10/11/85	1	TRANSFORM.	3	
10417	T-21697	1791	0054	10/11/85	1	TRANSFORM.	3	
10418	T-21703	1791	0054	10/11/85	1	TRANSFORM.	3	
10419	T-21701	1791	0054	10/11/85	1	TRANSFORM.	3	
10420	T-21700	1791	0054	10/11/85	1	TRANSFORM.	3	
10421	T-21702	1791	0054	10/11/85	1	TRANSFORM.	3	
10422	T-18065	1368	0255	08/26/84	1	TRANSFORM.	3	
10423	T-19870	1609	0229	10/28/85	1	TRANSFORM.	3	
10424	T-17114	1269	0207	01/31/84	1	TRANSFORM.	3	
10425	T-18135	1399	NA	11/07/85	1	TRANSFORM.	3	
10426	T-17341	1286	0207	05/15/85	1	TRANSFORM.	3	
10427	T-17292	1273	0016	05/02/85	1	TRANSFORM.	3	
10428	NA	NA	NA	/ /	0	TRANSFORM.	3	NA
10429	T-21256	1743	0001	12/28/85	1	TRANSFORM.	4	

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10430	T-21631	1793	0046	01/30/86	1	TRANSFORM.	4	p.w.
10431	T-29235	677	NA	10/25/84	0	TRANSFORM.	3	
10432	T-18901	1502	NA	/ /	0	TRANSFORM.	3	NA
10433	NA	1650	0015	08/24/85	1	TRANSFORM.	3	
10434	T-16185	1390	0001	08/07/85	1	TRANSFORM.	4	
10435	T-19086	1519	0219	08/08/85	1	TRANSFORM.	4	
10436	T-18310	1431	0256	07/22/85	1	TRANSFORM.	4	p.w.
10437	T-18653	1479	NA	07/10/85	1	TRANSFORM.	4	e.s.t.
10439	T-20466	1660	0015	/ /	1	TRANSFORM.	4	na p.w.
10440	T-18639	1464	0046	08/05/85	1	TRANSFORM.	4	p.w.
10441	T-21694	1791	0054	10/11/85	1	TRANSFORM.	3	
10442	T-21695	1791	0054	10/11/85	1	TRANSFORM.	3	
10443	T-21696	1791	0054	10/11/85	1	TRANSFORM.	3	
10444	NA	NA	0046	01/09/86	1	TRANSFORM.	3	
10445	NA	NA	0046	11/04/85	1	TRANSFORM.	3	-CABNT
10446	T-20463	1653	0015	/ /	1	TRANSFORM.	3	NA INSULATOR
10447	T-20573	1694	0046	11/05/85	1	TRANSFORM.	4	e.s.t.
10448	T-19866	1589	0055	10/30/85	1	TRANSFORM.	4	e.s.t.
10449	T-20669	1695	0055	12/03/85	1	TRANSFORM.	4	p.w.
10450	T-21630	1785	0211	/ /	1	TRANSFORM.	4	NA
10451	T-17787	1340	0012	07/05/85	1	TRANSFORM.	4	
10452	T-18141	1395	0001	08/02/85	1	TRANSFORM.	4	
10453	T-19867	1589	0055	10/30/85	1	TRANSFORM.	4	p.w.
10454	T-17788	1340	0012	07/05/85	1	TRANSFORM.	4	p.w.
10455	T-20772	1698	0016	11/04/85	1	TRANSFORM.	3	CABNT
10456	T-20773	1698	0016	11/04/85	1	TRANSFORM.	3	-TRNSCAB
10457	T-19584	1581	0001	/ /	1	TRANSFORM.	4	na p.w.
10458	T-20649	1693	0257	11/24/85	1	TRANSFORM.	5	
10459	T-20650	1693	0257	11/24/85	1	TRANSFORM.	5	
10460	T-20648	1693	0257	11/24/85	1	TRANSFORM.	5	
10461	T-20774	1698	0016	11/04/85	1	TRANSFORM.	5	
10462	T-18903	1502	0207	08/26/85	1	TRANSFORM.	5	
10463	T-18922	1502	0207	09/04/85	1	TRANSFORM.	5	
10464	T-19092	1518	0260	03/28/85	1	TRANSFORM.	5	
10465	T-18920	1502	0207	08/30/85	1	TRANSFORM.	5	
10466	T-18916	1502	0207	08/26/85	1	TRANSFORM.	5	
10467	T-18917	1502	0207	08/26/85	1	TRANSFORM.	5	
10468	T-18921	1502	0207	09/03/85	1	TRANSFORM.	5	
10469	T-20866	1706	0091	/ /	1	TRANSFORM.	5	NA
10470	T-17604	1334	0208	/ /	2	TRANSFORM.	5	NA
10471	T-17605	1334	0208	/ /	2	TRANSFORM.	5	NA
10472	T-17611	1334	0208	/ /	2	TRANSFORM.	5	NA
10473	T-17610	1334	NA	06/25/85	1	TRANSFORM.	5	
10474	T-20128	1641	0207	10/17/85	1	TRANSFORM.	4	
10475	T-20133	1641	0207	10/17/85	1	TRANSFORM.	4	

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10476	T-20124	1641	0207	10/17/85	1	TRANSFORM.	4	e.s.t.
10477	T-20125	1641	0207	10/17/85	1	TRANSFORM.	4	
10478	T-20129	1641	0207	10/17/85	1	TRANSFORM.	4	
10479	T-17539	1316	0015	06/14/85	13	TRANSFORM.	4	
10480	T-20668	1695	0055	12/13/85	2	TRANSFORM.	4	
10481	T-19163	1533	0210	09/04/85	1	TRANSFORM.	4	
10482	T-19166	1535	0209	07/31/85	1	TRANSFORM.	5	
10483	T-18381	1432	0207	07/22/85	1	TRANSFORM.	5	
10484	T-20570	1694	0046	11/26/85	1	TRANSFORM.	5	
10485	T-17632	1286	0207	05/15/85	1	TRANSFORM.	4	
10486	T-19237	1544	0260	09/23/85	1	TRANSFORM.	4	
10487	T-20126	1641	0207	10/17/85	1	TRANSFORM.	5	
10488	T-20136	1641	0207	11/20/85	1	TRANSFORM.	5	
10489	T-17365	1286	0207	05/15/85	1	TRANSFORM.	4	
10490	T-17368	1286	0207	05/15/85	1	TRANSFORM.	4	
10491	T-17364	1286	0207	05/15/85	1	TRANSFORM.	4	
10492	T-15918	1160	0207	03/12/85	1	TRANSFORM.	5	
10493	T-17541	1316	0015	06/19/85	1	TRANSFORM.	5	
10494	T-19785	1599	0001	07/10/85	1	TRANSFORM.	5	
10495	T-17142	1264	0212	04/18/85	1	TRANSFORM.	4	
10496	T-17609	1334	0208	/ /	1	TRANSFORM.	4	NA
10497	T-20666	1695	0055	12/03/85	2	TRANSFORM.	4	
10498	T-17396	1283	0213	05/01/85	1	TRANSFORM.	4	
10499	T-18700	1490	0012	09/03/85	1	TRANSFORM.	4	
10500	T-15743	1151	0001	03/20/85	1	TRANSFORM.	4	
10501	T-18139	1395	0001	05/07/85	1	TRANSFORM.	4	
10502	T-21865	1805	0093	10/01/85	1	TRANSFORM.	4	
10503	T-15497	1093	NA	02/08/85	1	TRANSFORM.	4	
10504	T-16452	1191	0017	/ /	1	TRANSFORM.	4	NA
10505	T-18371	1432	0207	06/21/85	1	TRANSFORM.	4	
10506	T-18366	1432	0207	06/21/85	1	TRANSFORM.	4	
10507	T-18377	1432	0207	06/26/85	1	TRANSFORM.	4	
10508	T-18379	1432	0207	06/28/85	1	TRANSFORM.	4	
10509	T-18307	1431	NA	07/25/85	1	TRANSFORM.	4	
10510	T-18305	1431	NA	07/25/85	1	TRANSFORM.	4	
10511	T-18380	1432	0207	/ /	1	TRANSFORM.	4	NA
10512	T-18306	1431	0254	07/25/85	1	TRANSFORM.	4	
10513	T-15578	1128	0214	01/31/85	1	TRANSFORM.	4	
10514	T-15581	1128	0214	01/31/85	2	TRANSFORM.	4	
10515	T-15577	1128	0214	01/31/85	1	TRANSFORM.	4	
10516	T-20864	1706	0091	/ /	1	TRANSFORM.	4	NA
10517	T-19021	1509	NA	05/05/85	1	TRANSFORM.	4	
10518	T-20567	1694	0046	11/26/85	1	TRANSFORM.	4	
10519	T-20150	1640	0217	/ /	1	TRANSFORM.	4	NA
10520	T-21055	1639	0217	08/30/85	1	TRANSFORM.	4	
10521	T-20156	1639	0217	08/30/85	1	TRANSFORM.	4	

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10522	T-20151	1640	0217	08/30/85	1	TRANSFORM.	4	
10523	T-20565	1694	0046	11/26/85	1	TRANSFORM.	4	
10524	T-20304	1649	0004	11/25/85	1	TRANSFORM.	4	
10525	T-20302	1649	0004	/ /	1	TRANSFORM.	4	NA
10526	T-20303	1649	0004	11/25/85	2	TRANSFORM.	4	
10527	T-20313	1649	0004	/ /	1	TRANSFORM.	4	NA
10528	T-15803	1156	0001	03/22/85	1	TRANSFORM.	4	
10529	T-20314	1649	NA	12/06/85	1	TRANSFORM.	4	
10530	T-20316	1649	0004	07/18/85	1	TRANSFORM.	4	
10531	T-20315	1649	0004	04/16/85	1	TRANSFORM.	4	
10532	T-20305	1649	0004	07/10/85	1	TRANSFORM.	4	NOTDRN
10533	T-20299	1649	0004	07/10/85	1	TRANSFORM.	4	
10534	T-20301	1649	0004	03/02/85	1	TRANSFORM.	4	
10535	T-20300	1649	0004	05/15/85	1	TRANSFORM.	4	
10536	T-15899	1160	0207	02/28/85	1	TRANSFORM.	4	
10537	T-15898	1160	0207	02/28/85	1	TRANSFORM.	4	
10538	T-15903	1160	0207	02/28/85	1	TRANSFORM.	4	
10539	T-20566	1694	0046	11/26/85	1	TRANSFORM.	4	
10540	T-18924	1502	0207	09/04/85	1	TRANSFORM.	4	
10541	T-19019	1509	0215	05/05/85	1	TRANSFORM.	4	
10542	T-18382	1432	0207	07/22/85	1	TRANSFORM.	4	
10543	T-20569	1694	0046	11/20/85	1	TRANSFORM.	4	
10544	T-18376	1432	0207	07/16/85	2	TRANSFORM.	4	
10545	T-15919	1160	0207	03/12/85	1	TRANSFORM.	4	
10546	T-17295	1273	0016	05/23/85	1	TRANSFORM.	4	
10547	T-15917	1160	0207	03/12/85	1	TRANSFORM.	4	
10548	T-17296	1273	0016	05/23/85	1	TRANSFORM.	4	
10549	T-19020	1509	0215	05/05/85	1	TRANSFORM.	4	
10550	T-18417	1423	0007	08/14/85	1	TRANSFORM.	4	
10551	T-18904	1502	0207	08/26/85	1	TRANSFORM.	4	
10552	T-18900	1502	0207	08/26/85	1	TRANSFORM.	4	
10553	T-15915	1160	0207	03/22/85	1	TRANSFORM.	4	
10554	T-15916	1160	0207	03/22/85	1	TRANSFORM.	4	
10555	T-15914	1160	0207	03/22/85	1	TRANSFORM.	4	
10556	T-15911	1160	0207	03/22/85	1	TRANSFORM.	4	
10557	T-15910	1160	0207	03/22/85	1	TRANSFORM.	4	
10558	T-15576	1128	0214	01/25/85	1	TRANSFORM.	4	
10559	T-15575	1128	0214	11/26/85	1	TRANSFORM.	4	
10560	T-15574	1128	0214	11/24/85	1	TRANSFORM.	4	
10561	T-15579	1128	0214	11/29/85	2	TRANSFORM.	4	
10562	T-17550	1316	0015	06/14/85	1	TRANSFORM.	4	
10563	T-17551	1316	0015	06/24/85	1	TRANSFORM.	4	
10564	T-17603	1334	0208	06/28/85	2	TRANSFORM.	4	
10565	T-16025	1163	0218	02/08/85	1	TRANSFORM.	4	
10566	T-16023	1163	0218	02/08/85	1	TRANSFORM.	4	
10567	T-16024	1163	NA	09/20/84	1	TRANSFORM.	4	

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10568	T-18124	1373	0261	04/15/85	1	TRANSFORM.	4	
10569	T-18373	1432	0207	07/16/85	2	TRANSFORM.	4	
10570	T-18649	1479	NA	07/17/85	1	TRANSFORM.	4	
10571	T-17599	1326	0207	/ /	1	TRANSFORM.	4	NA
10572	T-17701	1345	0208	/ /	1	TRANSFORM.	4	NA
10573	T-21810	1810	0211	01/24/01	1	TRANSFORM.	4	
10574	T-21810	1810	0211	01/24/01	1	TRANSFORM.	4	
10575	T-21809	1810	0211	/ /	1	TRANSFORM.	4	NA
10576	T-21808	1810	0211	02/23/01	1	TRANSFORM.	4	
10577	T-21807	1810	0211	02/23/01	1	TRANSFORM.	4	
10578	T-21804	1810	0211	/ /	1	TRANSFORM.	4	11-85
10579	T-21805	1810	0211	/ /	1	TRANSFORM.	4	12-85
10580	NA	1810	0211	/ /	1	TRANSFORM.	4	11-85
10581	T-21803	1810	0211	/ /	1	TRANSFORM.	4	11-85
10582	T-21802	1810	0211	/ /	1	TRANSFORM.	4	11-85
10583	T-21801	1810	0211	/ /	1	TRANSFORM.	4	09-85
10584	T-21800	1810	0211	/ /	1	TRANSFORM.	4	11-85
10585	T-21799	1810	0211	11/01/85	1	TRANSFORM.	4	
10586	T-21879	1806	0220	12/27/85	1	TRANSFORM.	4	
10587	T-17784	1346	0208	06/26/85	1	TRANSFORM.	4	
10588	T-17700	1345	0208	/ /	1	TRANSFORM.	4	NA
10589	T-18137	1395	0001	07/01/85	1	TRANSFORM.	4	
10590	T-17777	1346	0208	/ /	1	TRANSFORM.	4	NA
10591	T-18357	1432	0207	07/16/85	1	TRANSFORM.	4	
10592	T-17779	1346	0208	/ /	1	TRANSFORM.	4	NA
10593	T-18187	1390	0001	08/07/85	1	TRANSFORM.	4	
10594	T-17790	1342	0012	07/04/85	1	TRANSFORM.	4	p.w.
10595	T-17294	1273	0016	04/17/85	1	TRANSFORM.	3	
10596	T-17471	1306	0207	/ /	1	TRANSFORM.	3	NA
10597	T-18015	1364	NA	/ /	1	TRANSFORM.	1	NXO981080-658
10598	T-18186	1390	0001	08/07/85	1	TRANSFORM.	3	
10599	T-19404	1563	0207	10/18/85	1	TRANSFORM.	3	
10600	T-19433	1542	0262	10/21/85	1	TRANSFORM.	1	e.s.t.
10601	T-19435	1542	0262	10/21/85	1	TRANSFORM.	1	e.s.t.
10602	NA	NA	NA	/ /	0	TRANSFORM.	3	NA
10603	T-19399	1563	0207	10/18/85	1	TRANSFORM.	3	
10604	T-19403	1563	0207	10/18/85	1	TRANSFORM.	3	
10605	T-19400	1563	0207	10/18/85	1	TRANSFORM.	3	
10606	T-19403	1563	0207	09/26/85	1	TRANSFORM.	3	
10607	T-19401	1563	0207	10/18/85	1	TRANSFORM.	3	
10608	T-19398	1563	0207	10/08/85	1	TRANSFORM.	3	
10609	T-19190	1541	0207	09/26/85	1	TRANSFORM.	3	
10610	T-19183	1541	0207	09/16/85	1	TRANSFORM.	3	CONCORD
10611	T-19196	1541	0207	09/26/85	1	TRANSFORM.	3	
10612	T-19184	1541	0207	09/16/85	1	TRANSFORM.	3	

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10613	T-19184	1553	0108	/ /	1	TRANSFORM.	3	NA
10614	T-19364	1553	0108	/ /	1	TRANSFORM.	3	NA
10615	T-19363	1553	0108	/ /	1	TRANSFORM.	3	NA
10616	T-19365	1553	0108	/ /	1	TRANSFORM.	3	NA
10617	T-19369	1553	0108	/ /	1	TRANSFORM.	3	NA
10618	T-19366	1553	0108	/ /	1	TRANSFORM.	3	NA
10619	T-19367	1553	0108	/ /	1	TRANSFORM.	3	NA
10620	T-19368	1563	0108	/ /	1	TRANSFORM.	3	NA
10621	T-19182	1541	0207	09/16/85	1	TRANSFORM.	3	
10622	T-19392	1563	0207	10/18/85	1	TRANSFORM.	3	
10623	T-19395	1563	0207	10/18/85	1	TRANSFORM.	3	
10624	T-19393	1563	0207	10/18/85	1	TRANSFORM.	3	
10625	T-20221	1645	0003	10/21/85	1	TRANSFORM.	3	
10626	T-19396	1563	0207	10/18/85	1	TRANSFORM.	3	
10627	T-19772	1563	0207	10/18/85	1	TRANSFORM.	3	
10628	T-19390	1563	0207	10/03/85	1	TRANSFORM.	3	
10629	T-19391	1563	0207	10/03/85	1	TRANSFORM.	3	
10630	T-19387	1563	0207	10/18/85	1	TRANSFORM.	3	
10631	T-19388	1563	0207	09/26/85	1	TRANSFORM.	3	
10632	T-19394	1563	0207	10/18/85	1	TRANSFORM.	3	
10633	T-19378	1563	0207	10/18/85	1	TRANSFORM.	3	
10634	T-19379	1563	0207	10/18/85	1	TRANSFORM.	3	
10635	T-19375	1563	0207	10/18/85	1	TRANSFORM.	3	
10636	T-19377	1563	0207	10/03/85	1	TRANSFORM.	3	
10637	T-19375	1563	0207	10/03/85	1	TRANSFORM.	3	
10638	T-19373	1563	0207	10/03/85	1	TRANSFORM.	3	
10639	T-19374	1563	0207	10/03/85	1	TRANSFORM.	3	
10640	T-19372	1563	0207	10/03/85	1	TRANSFORM.	3	
10641	T-19385	1563	0207	10/18/85	1	TRANSFORM.	3	
10642	T-19382	1563	0207	10/03/85	1	TRANSFORM.	3	
10643	T-19384	1563	0207	10/03/85	1	TRANSFORM.	3	
10644	T-19383	1563	0207	10/03/85	1	TRANSFORM.	3	
10645	T-19195	1541	0207	09/26/85	1	TRANSFORM.	3	
10646	T-19197	1541	0207	09/26/85	1	TRANSFORM.	3	
10647	T-19193	1541	0207	09/26/85	1	TRANSFORM.	3	
10648	T-19192	1541	0207	09/26/85	1	TRANSFORM.	3	
10649	T-19194	1541	0207	09/26/85	1	TRANSFORM.	3	
10650	T-19188	1541	0207	09/16/85	1	TRANSFORM.	3	
10651	T-19186	1541	0207	09/16/85	1	TRANSFORM.	3	
10652	T-19187	1541	0207	09/16/85	1	TRANSFORM.	3	
10653	T-20141	1641	0207	11/20/85	1	TRANSFORM.	4	e.s.t.
10654	T-19406	1563	0207	10/14/85	1	TRANSFORM.	4	p.w.
10655	T-19408	1563	0207	10/19/85	1	TRANSFORM.	4	p.w.
10656	T-17807	1334	0208	/ /	1	TRANSFORM.	3	NA
10657	T-21863	1806	0220	12/27/85	1	TRANSFORM.	4	
10658	T-21871	1806	0220	12/27/85	1	TRANSFORM.	4	

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10659	T-21870	1806	0220	12/27/85	1	TRANSFORM.	4	
10660	T-21869	1806	0220	12/27/85	1	TRANSFORM.	4	
10661	T-21851	1805	0093	10/01/85	1	TRANSFORM.	4	
10662	T-21852	1805	0093	10/01/85	1	TRANSFORM.	4	
10663	T-21853	1805	0093	10/01/85	1	TRANSFORM.	4	
10664	T-21855	1805	0093	10/01/85	1	TRANSFORM.	4	
10665	T-21859	1805	0093	10/01/85	1	TRANSFORM.	4	
10666	T-21856	1805	0093	10/01/85	1	TRANSFORM.	4	
10667	T-21840	1805	0093	10/01/85	1	TRANSFORM.	4	
10668	T-21858	1805	0093	10/01/85	1	TRANSFORM.	4	
10669	T-21847	1805	0093	10/01/85	1	TRANSFORM.	4	
10670	T-21848	1805	0093	10/01/85	1	TRANSFORM.	4	
10671	T-21846	1805	0093	10/01/85	1	TRANSFORM.	4	
10672	T-21841	1805	0093	11/01/85	1	TRANSFORM.	5	e.s.t.
10673	T-21864	1805	0093	10/01/85	1	TRANSFORM.	4	
10674	T-21844	1805	0093	10/01/86	1	TRANSFORM.	5	
10675	T-21845	1805	0093	10/01/85	1	TRANSFORM.	5	
10676	T-21833	1812	0205	02/13/86	1	TRANSFORM.	5	
10677	T-21854	1805	0093	10/01/85	1	TRANSFORM.	5	
10678	T-21843	1805	0093	10/01/85	1	TRANSFORM.	5	
10679	NA	1812	0093	/ /	1	TRANSFORM.	3	AC258989?
10681	T-21832	1812	0205	02/13/86	1	TRANSFORM.	3	
10682	T-21885	1808	0206	01/22/86	1	TRANSFORM.	5	
10683	T-21842	1805	0093	10/01/86	1	TRANSFORM.	5	RALIEGH
10684	T-21831	1812	0205	02/13/86	1	TRANSFORM.	5	
10685	T-21884	1808	0206	12/04/85	1	TRANSFORM.	4	
10686	T-21883	1808	0206	12/11/85	1	TRANSFORM.	4	
10688	T-21839	1805	0093	10/01/85	1	TRANSFORM.	4	
10689	T-21838	1805	0093	10/01/85	1	TRANSFORM.	4	
10690	T-21837	1806	0220	12/27/85	1	TRANSFORM.	4	
10691	T-21837D	1806	0220	12/27/85	1	TRANSFORM.	4	
10692	T-21874	1806	0220	12/27/85	1	TRANSFORM.	4	
10693	T-21875	1806	0220	12/27/85	1	TRANSFORM.	4	
10694	T-21876	1806	0220	12/27/85	1	TRANSFORM.	4	
10695	T-21877	1806	0220	12/27/85	1	TRANSFORM.	4	
10696	T-21878	1806	0220	12/27/85	1	TRANSFORM.	4	
10697	T-21837	1805	0093	10/01/85	1	TRANSFORM.	4	
10698	T-21836	1805	0093	10/01/85	1	TRANSFORM.	4	
10699	T-21835	1805	0093	10/01/85	1	TRANSFORM.	4	
10700	T-21861	1805	0093	10/01/85	1	TRANSFORM.	4	
10701	T-19191	1541	0207	09/26/85	1	TRANSFORM.	3	
10702	NA	1664	0004	07/31/85	1	TRANSFORM.	3	SWEPCO
10703	T-20113	1626		/ /	0			
10703	T-21863	1805	0093	10/01/85	1	TRANSFORM.	4	
10704	T-17115	1269	0021	08/23/83	1	TRANSFORM.	3	
10705	NA	NA	0263	/ /	1	TRANSFORM.	3	e.s.t.

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10706	NA	NA	NA	/ /	0	TRANSFORM.	3	GE# 605359263
10707	NA		0002	07/03/84	2	CRATE	7	
10708	CP-6224	MCR	0002	07/01/84	2	CRATE	2	COR,E002
10709	CP-10685	MCR	0002	07/01/84	2	CRATE	2	SHRCOR,E003
10710	4A-18208	MCR		/ /	0			E011
10710	CP-11888	MCR	0002	08/07/84	2	CRATE	2	COR
10711	CP-10888	MCR	0002	07/05/84	2	CRATE	2	COR,E005
10712	CP-8871	MCR	0002	09/15/84	2	CRATE	2	COR,E006
10713	4A-12891	MCR	0002	08/09/84	2	CRATE	2	OR,E007
10714	C-2399	NA		/ /	0			E008
10714	C-3400	MCR	NA	01/31/86	0	CRATE	2	INSLTRS
10715	4A-17522	MCR		/ /	0			E009
10715	4A-17989	MCR	0004	11/30/84	2	CRATE	2	OR
10716	4A-13399	MCR	NA	08/07/84	2	CRATE	2	4 SHRCOR,E010
10717			NA	07/23/84	1	CRATE	2	SHRCOR
10718	4A-18172	MCR	NA	07/31/84	1	CRATE	2	SHRCOR,E012
10719	CP-6397	MCR	NA	07/20/84	1	CRATE	2	SHRCOR,E013
10720	CP-11640	MCR	NA	07/05/84	1	CRATE	2	COR,E014
10721	CP-12121	MCR	NA	07/12/84	1	CRATE	2	SHRCOR,E015
10722	CP-12284	MCR	NA	08/03/84	1	CRATE	2	COR,E016
10723	CP-10848	MCR	NA	07/05/84	1	CRATE	2	SHRCOR,E017
10724	NA	MCR	NA	07/10/84	1	CRATE	2	SHRCOR,E018
10725	NA	MCR	NA	08/03/84	1	CRATE	2	SHR COR
10726	CP-11813	MCR	NA	07/06/84	1	CRATE	2	SHR COR,E02
10727	NA	MCR	NA	/ /	1	CRATE	2	NA SHR COR,E021
10728	NA	MCR	NA	02/03/86	0	CRATE	2	,E022
10729	NA	MCR	NA	/ /	4	CRATE	2	NA INSULATORS ,E023
10730	NA	MCR	NA	02/06/86	0	CRATE	2	,E024
10731	T-13835A	927		/ /	0			E025
10731	T-14847	1010		/ /	0			E025
10731	T-15350	1010		/ /	0			E025
10731	T-15351	1010		/ /	0			E025
10731	T-15352	1010		/ /	0			E025

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10731	T-15353	1010		/ /	0			E025
10731	T-17107	1269		/ /	0			E025
10731	T-5399	237		/ /	0			E025
10731	T-6502	344	NA	/ /	0	CRATE	2	NA COR
10732	NA	MCR	NA	/ /	0	CRATE	2	NA TRNS PRTS,E026
10733	NA	MCR	NA	/ /	0	CRATE	2	NA INSULATORS ,E027
10734	NA	MCR	NA	/ /	0	CRATE	2	NA INSULATORS ,E028
10735			NA	/ /	0	CRATE	2	NA SHR COR
10736	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E030
10737	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E031
10738	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E032
10739	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E033
10740	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E034
10741	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E035
10742	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E036
10743	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E037
10744	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E038
10745	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E039
10746	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E040
10747	NA	MCR	NA	/ /	0	CRATE	2	NA CAP 889,E041
10748	NA	MCR	NA	/ /	0	CRATE	2	NA,E042
10749	NA	MCR	NA	/ /	0	CRATE	2	NA SHT.MTL.PC ,E043
10750	NA	MCR	NA	/ /	0	CRATE	2	NA SHT.MTL.PC ,E044
10751	NA	MCR	NA	/ /	0	CRATE	2	NA,E045
10752	C-15755	1141	NA	/ /	0	CRATE	2	NA SHT.MTL.PC ,E046

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10753	NA	MCR	NA	/ /	0	CRATE	2	NA,E047
10754	NA	MCR	NA	/ /	0	CRATE	2	NA,E048
10755	NA	MCR	NA	08/24/84	1	CRATE	2	SHR COR,E049
10756	NA	MCR	0002	01/06/84	1	CRATE	2	SHRCOR,E051
10757	T-13203	882	0002	11/07/84	1	CRATE	2	TR PT,E052
10758	NA	MCR	0002	03/17/84	1	CRATE	2	SHRCOR,E053
10759	NA	MCR	0002	01/06/84	1	CRATE	2	TRPR/SC,E054
10760	NA	MCR	0002	01/06/84	1	CRATE	2	COR PTS,E055
10761	NA	MCR	0002	01/26/84	1	CRATE	2	SHRCOR,E056
10762	CP-11938	MCR	0002	08/14/84	1	CRATE	2	SHRCOR
10763	NA	MCR	0002	04/09/84	1	CRATE	2	SHRCOR,E058
10764	NA	MCR	0002	05/12/84	1	CRATE	2	SHRCOR,E059
10765	T-18304	1431	NA	07/25/85	1	CRATE	2	SHRCOR,E060
10766	T-16080	1187	NA	04/01/85	1	CRATE	3	SHRCOR,E061
10767	T-16020	1162	NA	04/02/85	1	CRATE	2	SHRCOR,E062
10768	T-17993	1364	NA	06/11/85	1	CRATE	2	SHRCOR,E063
10769	T-17992	1364	NA	05/20/85	1	CRATE	2	SHRCOR,E064
10770	M-10668	666	0010	07/22/84	2	CRATE	2	SHRCOR, E065
10771	M-8611	533	0025	02/22/84	1	CRATE	2	SHRCOR,E066
10772	NA	MCR	0002	02/06/84	1	CRATE	2	SHRCOR,E050
10773	2219	MCR		/ /	0			E067
10773	2220	MCR		/ /	0			E067
10773	2221	MCR		/ /	0			E067
10773	2222	MCR		/ /	0			E067
10773	2223	MCR		/ /	0			E067
10773	2227	MCR		/ /	0			E067
10773	2228	MCR		/ /	0			E067
10773	2419R	MCR		/ /	0			
10773	2420			/ /	0			
10773	C-2411R	MCR		/ /	0			E067

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10773	I-2188	MCR		/ /	0			E067
10773	I-2189	MCR		/ /	0			E067
10773	I-2190	MCR		/ /	0			E067
10773	I-2191	MCR		/ /	0			E067
10773	I-2192	MCR		/ /	0			E067
10773	I-2193	MCR		/ /	0			E067
10773	I-2194	MCR		/ /	0			E067
10773	I-2195	MCR		/ /	0			
10773	I-2197	MCR		/ /	0			E067
10773	I-2198	MCR		/ /	0			E067
10773	I-2201	MCR		/ /	0			E067
10773	I-2202	MCR		/ /	0			E067
10773	I-2203	MCR		/ /	0			E067
10773	I-2204	MCR		/ /	0			
10773	I-2207	MCR		/ /	0			E067
10773	I-2208	MCR		/ /	0			E067
10773	I-2209	MCR		/ /	0			E067
10773	I-2210	MCR		/ /	0			
10773	NA	MCR		/ /	0			E067
10773	NA	MCR	NA	/ /	0	CRATE	2	NA SHT.MTL.PC ,E067
10774			NA	/ /	0	CRATE	2	NA INSULATORS
10775	C-16778	1245	NA	09/27/84	1	CRATE	2	SHRCOR
10776	4A-16938	MCR	NA	07/27/84	1	CRATE	2	4 SHRCOR,070
10777	4A-16973	MCR	NA	10/06/84	1	CRATE	2	OR,E071
10778	C-16782	1245	NA	04/26/84	1	CRATE	2	SHRCOR
10779	4A-15453	MCR	NA	09/15/84	1	CRATE	2	4 SHRCOR,E07 3
10780			NA	04/18/84	1	CRATE	2	
10781			NA	/ /	0	CRATE	2	NA SHR COR
10782	T-15351	1110	NA	12/28/84	1	CRATE	2	RS,E076
10783	T-15351	1110	NA	12/28/84	1	CRATE	2	SHRCOR,E07 7
10784	4A-15173	MCR	NA	09/14/84	1	CRATE	2	4 SHRCOR,E07 8
10785	4A-15358	MCR	NA	07/30/84	1	CRATE	2	OR,E079
10785	O-16382	1205	0017	/ /	1	DRUM	7	
10786	T-9225	588	NA	05/23/84	1	CRATE	2	SHRCOR,E08 0
10787	T-15350	1110	NA	12/12/84	1	CRATE	2	SHRCOR,E08 1

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10788	4A-15418	MCR	NA	01/10/85	1	CRATE	2	5 SHRCOR
10788	4A-15418	MCR		/ /	0			CRATE 78,2137,E074
10788	T-15007	1027		/ /	0			PT-1229,PT-1231,E082
10789	NA	MCR	NA	/ /	0	CRATE	7	NA TRN PT
10790	4A-16545	MCR	NA	10/10/84	1	CRATE	2	4 SHRCOR,E084
10791	4A-15586	MCR	NA	01/23/84	1	CRATE	2	4 SHRCOR,E085
10792	T-15363	1111	NA	03/12/85	1	CRATE	2	TRPT/COR,E086
10793	4A-15656	MCR	NA	09/18/84	1	CRATE	2	OR,E087
10794	4A-16580	MCR	NA	10/03/84	1	CRATE	2	COR,E08
10795	T-11470	724	NA	08/23/84	1	CRATE	2	SHRCOR,E089
10796	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E090
10797	T-15030	1028	NA	12/17/84	1	CRATE	2	,E091
10798	15030	MCR	NA	/ /	1	CRATE	7	NA SHR COR
10799	4A-16484	MCR	NA	09/27/84	1	CRATE	7	OR
10800	15253	MCR	NA	10/03/84	1	CRATE	2	COR
10801	18117	MCR	NA	07/23/84	1	CRATE	7	SHRCOR
10802	16443	MCR	NA	09/14/84	1	CRATE	7	SHRCOR
10803	16408	MCR	NA	10/09/84	1	CRATE	7	COR
10804	NA	MCR	NA	10/17/84	1	CRATE	7	84 SHRCOR
10805	CT-1054	MCR	NA	/ /	1	CRATE	2	NA COR, E099
10806	4A-14021	MCR	NA	09/17/84	1	CRATE	2	4 SHRCOR,E100
10807	4A-17842	MCR	NA	10/05/84	1	CRATE	2	4 SHRCOR,E101
10808	4A-14135	MCR	NA	09/13/85	1	CRATE	2	OR,E102
10809	4A-13986	MCR	NA	09/13/84	1	CRATE	2	OR,E103
10810	4A-17938	MCR	0004	/ /	1	CRATE	2	NA SHR COR,E104
10811	4A-14100	MCR	NA	09/20/84	1	CRATE	2	4 SHRCOR,E105
10812	4A-15488	MCR		/ /	0			CRATE 48, CRATE 58

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10812	4A-17902	MCR	0004	11/18/85	2	CRATE	2	OR
10813	4A-14064	MCR	NA	09/14/84	1	CRATE	2	OR,E107
10814	T-15005	1018	NA	02/04/85	1	CRATE	1	COR,E108
10815	NA	MCR	NA	/ /	0	CRATE	1	NA SHR COR,E109
10816	NA	MCR	NA	/ /	0	CRATE	1	NA COR,E110
10817	T-17130	1268	NA	04/25/85	1	CRATE	1	COR,E111
10818	NA	NA	0002	10/14/85	1	CRATE	1	,E112
10819	NA	MCR	NA	/ /	0	CRATE	1	NA COR,E113
10820			NA	/ /	0	CRATE	1	NA SHRCOR
10821	T-15350	1286	NA	12/12/84	1	CRATE	1	5
10822	15351	MCR	NA	/ /	0	CRATE	1	NA
10823	T-15791	MCR	NA	03/20/85	1	CRATE	1	
10824	18570	MCR	NA	/ /	0	CRATE	1	NA COR
10825	T-18552	MCR	NA	/ /	0	CRATE	1	NA,E119
10826	17109	MCR	NA	/ /	0	CRATE	1	NA
10827	NA	MCR	NA	/ /	0	CRATE	1	NA SCRAP METAL,E122
10828	17111	NA	NA	/ /	0	CRATE	7	NA TRSH
10829	T-16154	1185	NA	04/23/85	0	CRATE	1	SHRCOR,E12 4
10830	T-17993	1364	NA	/ /	0	CRATE	1	NA TRSH
10831	NA	MCR	NA	/ /	0	CRATE	1	NA,E126
10832	TM-829	MCR	NA	/ /	0	CRATE	1	NA E127
10833	1284	MCR	NA	12/23/00	1	CRATE	1	
10834	T-15830	MCR	NA	06/12/84	0	CRATE	1	,E1369
10835	15725	MCR	NA	/ /	0	CRATE	1	NA COR
10836	T-10991	702	NA	08/01/84	0	CRATE	1	COR
10837	15350	MCR	NA	/ /	0	CRATE	1	NA COR
10838	T-18011	1364	NA	07/01/85	1	CRATE	1	COR,E133
10839	NA	NA	NA	/ /	0	CRATE	1	NA WOOD & TRSH,E134
10840	T-15350	1110	NA	12/12/84	1	CRATE	1	,E135
10841	T-15577	1128	NA	02/04/85	1	CRATE	2	TRSH/MTL,E 136
10842	T-14988	1022	NA	/ /	1	CRATE	2	NA WOOD/TRSH, E137
10843	4A-13890	MCR	NA	/ /	1	CRATE	3	NA SHR COR,E138
10844	CP-12294	MCR	NA	08/03/84	1	CRATE	3	SHRCOR,E13
10845	4A-13543	MCR	NA	09/05/84	1	CRATE	3	OR,E140
10846	CP-12745	MCR	NA	08/03/84	1	CRATE	3	SHRCOR,141 4
10847	4A-13885	MCR	NA	09/15/84	1	CRATE	3	SHROCR,E14 2

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
10848	CP-11176	MCR	NA	07/06/84	1	CRATE	3	SHRCOR,E143
10849	CP-6180	MCR	NA	10/03/84	1	CRATE	3	SHRCOR,E144
10850	CP-6625	MCR	NA	07/24/84	1	CRATE	3	SHRCOR,E145
10851	CP-6137	MCR	NA	07/26/84	1	CRATE	3	COR,E146
10852	4A-13850	MCR	NA	09/17/84	1	CRATE	3	OR,E147
10853	CP-11147	MCR	NA	07/13/84	1	CRATE	3	COR,148
10854	CP-6812	MCR	NA	07/10/84	1	CRATE	3	SHRCOR,E149
10855	CP-11514	MCR	NA	07/12/84	1	CRATE	3	SHRCOR
10856	CP-11711	MCR	NA	07/09/84	1	CRATE	3	SHRCOR,E151
10857	4A-19381	MCR	NA	09/13/84	1	CRATE	3	OR,E152
10858	CP-3646	MCR	NA	08/09/84	1	CRATE	3	COR,E153
10859	CP-5820	MCR	NA	07/15/84	1	CRATE	3	SHRCOR,E154
10860	CP-5425	MCR	NA	07/30/84	1	CRATE	3	SHRCOR
10861	CP-5972	MCR	NA	07/15/84	1	CRATE	3	COR,156
10862	CP-12385	MCR	NA	07/20/84	1	CRATE	3	SHRCOR,E157
10863	CP-10938	MCR	NA	07/11/84	1	CRATE	3	SHRCOR,E158
10864	CP-12335	MCR	NA	08/23/84	1	CRATE	3	COR,E159
10865	CP-2263	MCR	NA	07/31/84	1	CRATE	3	SHRCOR,E160
10866	T-13973	947	NA	/ /	1	CRATE	3	NA SHR COR,E161
10867	C-12952	829	NA	/ /	1	CRATE	3	NA SHR COR
10868	NA	NA	NA	/ /	0	CRATE	3	
10869	NA	NA	NA	/ /	0	CRATE	3	NA CONT.PALTS ,E164
10870	MS-472	MCR	NA	/ /	0	CRATE	8	NA TRPT/PALTS E165
10871	MS-184	MCR	NA	/ /	0	CRATE	8	NA DEBRS E166
10872	MS-310	MCR	NA	/ /	0	CRATE	8	NA DEBRS E167
10873	MS-176	MCR		/ /	0			E168
10873	MS-188	MCR	NA	/ /	0	CRATE	8	NA TRSH&DEBRS E168
10874	MS-168	MCR	NA	/ /	0	CRATE	8	NA S.C./DEBRS E169

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10875	MS-311	MCR	NA	/ /	0	CRATE	8	NA DEBRS E170
10876	NA	1079	NA	/ /	0	CRATE	3	NA SHR COR, E171
10877	PT-762	MCR	NA	/ /	0	CRATE	8	NA SHR COR E172
10878	NA	NA	NA	/ /	0	CRATE	3	NA OIL DRY,E173
10879	MS-154	MCR	NA	/ /	0	CRATE	3	NA TRSH,E174
10880	MS-341	MCR		/ /	0			
10880	MS-342	MCR	0002	/ /	1	CRATE	3	NA COR
10881	MS-35	MCR	0002	03/05/85	1	CRATE	3	ROCKS
10882	MS-353	MCR	0002	03/05/85	1	CRATE	3	TR PTS
10883	MS-500	MCR	0002	03/25/85	1	CRATE	3	SHRCOR
10884	MS-327	MCR	0002	03/08/85	1	CRATE	3	DEBRS
10885	MS-362	MCR	0002	03/05/85	1	CRATE	3	DEBRS
10886	MS-179	MCR	0002	03/05/85	1	CRATE	3	DEBRS
10887	MS-420	MCR	0002	03/14/85	1	CRATE	3	DBRS
10888	MS-208	MCR	0002	03/14/85	1	CRATE	3	DEBRS,E183
10889	CP-2153	MCR		/ /	0			E194
10889	CP-5556	MCR	NA	08/24/84	1	CRATE	3	SHRCOR,E184
10890	CP-2323	MCR	NA	07/05/84	1	CRATE	3	SHRCOR,E185
10891	CP-12658	MCR	NA	08/03/84	1	CRATE	8	SHRCOR E186
10892	CP-12444	MCR	NA	08/03/84	1	CRATE	3	SHRCOR,E187
10893	CP-12770	MCR	NA	08/02/84	1	CRATE	3	SHRCOR,E188
10894	CP-11301	MCR	NA	07/25/85	1	CRATE	3	SHRCOR,E189
10895	CP-11576	MCR	NA	07/05/84	1	CRATE	3	COR,E190
10896	CP-12041	MCR	NA	08/02/84	1	CRATE	3	SHRCOR,E191
10897	CP-2487	MCR	NA	08/03/84	1	CRATE	3	SHRCOR,E192
10898	CP-3884	MCR	NA	09/06/84	1	CRATE	3	SHRCOR,E193
10899			NA	07/20/84	1	CRATE	3	SHRCOR
10900	CP-6760	MCR	NA	10/11/84	1	CRATE	8	COR E195
10901	CP-2426	MCR	NA	08/07/84	1	CRATE	8	SHRCOR E196
10902	4A-12856	MCR	NA	08/17/84	1	CRATE	8	4 SHRCOR E197

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10903	4A-13684	MCR	NA	08/09/84	1	CRATE	8	4 SHRCOR E19
10904	4A-13649	MCR	NA	09/28/84	1	CRATE	8	OR E199
10905	CP-11163	MCR	NA	07/13/84	1	CRATE	8	COR E200
10906	4A-13925	MCR	NA	11/25/85	1	CRATE	3	5 SHRCOR,E201
10907	CP-11209	MCR	NA	07/13/84	1	CRATE	3	COR E202
10908	CP-11427	MCR	NA	07/05/84	1	CRATE	8	SHRCOR E203
10909	4A-13792	MCR	NA	07/31/85	1	CRATE	8	5 SHRCOR E204
10910	4A-13751	MCR		/ /	0			CRATE 141,E205
10910	4A-1396	MCR		/ /	0			CRATE 136,E205
10910	4A-13960	MCR	NA	09/17/84	2	CRATE	8	4 SHRCOR E205
10911	CP-11996	MCR	NA	08/02/84	1	CRATE	8	SHRCOR E206
10912	CP-11103	MCR	NA	07/16/84	1	CRATE	3	SHRCOR,E207
10913	CP-6525	MCR	NA	08/15/84	1	CRATE	8	COR E208
10914	CP-6499	MCR	NA	09/16/84	1	CRATE	8	SHRCOR E209
10915	CP-6975	MCR	NA	08/07/84	1	CRATE	8	COR E210
10916	T-14988	1022	NA	/ /	1	CRATE	3	NA SHR COR,E211
10917	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E212
10918	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E213
10919	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E214
10920	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E215
10921	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E216
10922	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E217
10923	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E218
10924	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,219
10925	PT-2445	MCR	NA	01/02/83	0	CRATE	3	SHRCOR, E220

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
10926	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E221
10927	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E222
10928	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E223
10929	PT-12323	MCR	NA	08/23/84	0	CRATE	3	SHRCOR, E224
10930	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E225
10931	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E226
10932	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E227
10933	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E228
10934	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E229
10935	MT-1054	NA	NA	/ /	0	CRATE	3	NA SHR COR, E230
10936	PT-165	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E231
10936	T-12006	780		/ /	0			E231
10936	T-7663	432		/ /	0			E231
10936	T-7668	432		/ /	0			E231
10936	T-7686	432		/ /	0			E231
10936	T-9659	610		/ /	0			E231
10936	T-9663	610		/ /	0			E231
10936	T-9666	610		/ /	0			E231
10936	T-9679	610		/ /	0			E231
10936	T-9680	610		/ /	0			E231
10937	NA	MCR	0016	/ /	0	CRATE	3	NA SHR COR,E232
10938	PT-142	MCR		/ /	0			E233
10938	PT-615	MCR	NA	/ /	0	CRATE	8	NA SHR COR E233
10939	PC-143	MCR		/ /	0			
10939	PT-1052	MCR		/ /	0			
10939	PT-2444	MCR		/ /	0			
10939	PT-401	MCR	NA	01/06/82	0	CRATE	8	SHRCOR E234
10940	PT-144	MCR		/ /	0			E235
10940	PT-381	MCR	NA	/ /	0	CRATE	8	NA SHR COR E235
10941	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E236

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
10942	PT-1089	MCR		/ /	0			E237
10942	PT-142	MCR		/ /	0			E237
10942	PT-145	MCR	NA	/ /	0	CRATE	8	NA SHR COR E237
10943	PT-143	MCR		/ /	0			E238
10943	PT-147	MCR	NA	/ /	0	CRATE	3	NA SHR COR
10944	PT-148	MCR	NA	/ /	0	CRATE	8	NA SHR COR E239
10944	PT-7706	MCR		/ /	0			E239
10944	PT-88	MCR		/ /	0			E239
10945	AA-965	MCR	NA	09/02/83	0	CRATE	8	NA SHR COR E240
10946	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E241
10947	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E242
10948	NA	MCR	NA	/ /	0	CRATE	3	NA SHR COR,E243
10949	MS-447	MCR	0002	03/05/85	1	CRATE	3	OD&SOIL
10950	T-6342	314	NA	10/13/84	2	CRATE	3	, E245
10951			NA	12/12/84	1	CRATE	3	
10952	T-18795	1461	NA	09/11/85	1	CRATE	3	COR,E247
10953	T-17519	1313	NA	12/12/84	1	CRATE	3	COR,E248
10954	PT-1032	MCR		/ /	0			E249
10954	T-16037	1183	NA	07/18/84	0	CRATE	3	SHRCOR,E249
10955	T-16037	1183	NA	07/18/84	1	CRATE	3	COR,E250
10956	17525	MCR	NA	08/26/84	1	CRATE	7	COR
10957	NA	MCR	0001	10/04/84	1	CRATE	7	SHRCOR
10958	16040	MCR	NA	03/20/85	1	CRATE	7	COR
10959	T-9225	588	NA	05/23/84	1	CRATE	3	SHRCOR,E254
10960	T-16973	1262	NA	03/05/85	1	CRATE	3	SHRCOR,E255
10961	T-15003	1019		/ /	0			E256
10961	T-18304	1431	NA	02/04/85	2	CRATE	3	SHRCOR,E256
10962	T-18841	1491	NA	04/16/84	1	CRATE	3	SHCRCOR,E257
10963	T-15365	1128	NA	03/12/85	1	CRATE	3	SHRCOR,E258
10964	T-15410	1119	NA	02/13/85	1	CRATE	3	SHRCOR,E259
10965	T-15412	1119	NA	02/18/85	0	CRATE	3	SHRCOR,E260
10966	T-14847	1010	NA	01/07/85	1	CRATE	3	SHRCOR,E261

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10967	T-15582	1128	NA	01/21/85	1	CRATE	3	SHRCOR,E262
10968	PT-745	MCR	NA	01/21/85	1	CRATE	8	SHRCOR E263
10968	T-15580	1128		/ /	0			
10969	MS-1042	MCR	NA	/ /	0	CRATE	8	NA SHR COR E264
10970	MS-181	MCR	0002	02/28/85	1	CRATE	8	DEBRS E265
10971	MS-919	MCR	NA	/ /	0	CRATE	8	NA DEBRS E266
10972	MISC-529	MCR	0002	03/25/85	1	CRATE	8	DEBRS E267
10973	NA	MCR	NA	/ /	0	CRATE	8	NA E268
10974	T-12664	819	NA	09/01/84	1	CRATE	8	DEBRS E269
10975	2001	NA		/ /	0			E270
10975	2002	NA		/ /	0			E270
10975	MS-1158	MCR	0002	10/14/85	1	CRATE	3	85 ODE,E270
10976	MS-174	MCR	NA	/ /	0	CRATE	8	NA DEBRS E271
10976	PT-539	MCR		/ /	0			E271
10977	MS-342	MCR	0002	03/07/85	2	CRATE	3	OD
10978	MS-717	MCR	NA	03/05/85	1	CRATE	8	ROCKS E273
10978	T-16973	1262		/ /	0			E273
10979	MS-309	MCR	NA	12/04/84	1	CRATE	8	DEBRS E274
10979	T-15013	1037		/ /	0			E274
10980	T-15013	1037	NA	12/04/84	1	CRATE	3	DEBRS,E275
10981	NA	NA	NA	/ /	0	CRATE	3	NA DEBRS,E276
10982	T-18304	1431	NA	/ /	0	CRATE	3	NA DEBRSE,E277
10983	NA	NA	NA	/ /	0	CRATE	3	NA DEBRS,E278
10984	T-15013	1037	NA	/ /	0	CRATE	3	NA DEBRS,E279
10985	T-15354	1110	NA	03/12/85	1	CRATE	3	DEBRS,E280
10986	16040	MCR	NA	/ /	1	CRATE	7	NA SHR COR
10987	NA	MCR	NA	/ /	0	CRATE	7	NA & CAP.PRTS
10988	NA	MCR	NA	/ /	0	CRATE	7	NA
10989	NA	MCR	0002	03/02/87	1	CRATE	7	OILDRY
10990	T-17525	1313	NA	08/26/84	1	CRATE	3	TR PRTS,E285
10991	T-17520	1313	NA	12/12/84	1	CRATE	3	RS,E286
10992	NA	MCR	NA	/ /	0	CRATE	7	NA SHR COR
10993	NA	MCR	NA	/ /	0	CRATE	7	NA SHR COR

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10994	18795	NA	NA	09/11/85	2	CRATE	7	SOIL
10995	PT-1030	MCR		/ /	0			
10995	PT-1118	MCR		/ /	0			
10995	PT-1123	MCR		/ /	0			
10995	PT-1125	MCR		/ /	0			
10995	PT-1128	MCR		/ /	0			
10995	PT-1139	MCR		/ /	0			
10995	PT-574	MCR		/ /	0			
10995	PT-601	MCR		/ /	0			
10995	PT-643	MCR		/ /	0			
10995	PT-679	MCR		/ /	0			
10995	PT-689	MCR		/ /	0			
10995	PT-707	MCR		/ /	0			
10995	PT-759	MCR		/ /	0			
10995	PT-933	MCR		/ /	0			
10995	PT-946	MCR		/ /	0			
10995	PT-948	MCR	NA	/ /	0	CRATE	8	NA SHR COR E290
10995	T-12664	819		/ /	0			
10995	T-14651	981		/ /	0			
10995	T-14651	981		/ /	0			E290 707
10995	T-15002	1019		/ /	0			
10995	T-15008	1027		/ /	0			E290 1128
10995	T-15030	1028		/ /	0			E290 590
10995	T-15030	1028		/ /	0			
10995	T-15351	1110		/ /	0			E290 574
10995	T-15354	1110		/ /	0			
10995	T-15361	1111		/ /	0			
10995	T-15362	1111		/ /	0			
10995	T-15363	1111		/ /	0			
10995	T-15364	1111		/ /	0			E290 1030
10995	T-15369	1111		/ /	0			
10995	T-15626	NA		/ /	0			E290
10995	T-16647	1222		/ /	0			
10995	T-17109	1269		/ /	0			
10995	T-17541	1316		/ /	0			E290 1135
10995	T-18301	1431		/ /	0			
10995	WT-24	MCR		/ /	0			
10995	WT-27	MCR		/ /	0			
10995	WT-28	MCR		/ /	0			
10995	WT-29	MCR		/ /	0			
10995	WT-32	MCR		/ /	0			

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10995	WT-33	MCR		/ /	0			
10995	WT-36	MCR		/ /	0			
10995	WT-37	MCR		/ /	0			
10995	WT-37	MCR		/ /	0			
10995	WT-38	MCR		/ /	0			
10995	WT-39	MCR		/ /	0			
10995	WT-39	MCR		/ /	0			
10995	WT-40	MCR		/ /	0			
10995	WT-49	MCR		/ /	0			
10995	WT-62	MCR		/ /	0			
10996	NA	NA	0046	02/11/85	1	CRATE	3	DEBRS
10997	T-15361	1111	NA	03/12/85	1	CRATE	3	SHRCOR,E292
10998	PT-689	MCR	NA	02/13/85	1	CRATE	8	SHRCOR E293
10998	T-15411	1119		/ /	0			E290 689
10999	T-15369	1111	NA	07/12/85	1	CRATE	3	SHRCOR,E294
11000	C-13319	880	NA	12/01/84	1	CRATE	3	COR
11000	T-14651	981		/ /	0			
11001	1473			/ /	0			E296
11001	1474			/ /	0			E296
11001	168			/ /	0			E296
11001	1697			/ /	0			E296
11001	1705			/ /	0			E296
11001	1709			/ /	0			E296
11001	1714			/ /	0			E296
11001	1715			/ /	0			E296
11001	1730			/ /	0			E296
11001	1735			/ /	0			E296
11001	1738			/ /	0			E296
11001	1743			/ /	0			E296
11001	1744			/ /	0			E296
11001	1747			/ /	0			E296
11001	1748			/ /	0			E296
11001	1749			/ /	0			E296
11001	1759			/ /	0			E296
11001	1760			/ /	0			E296
11001	1761			/ /	0			E296
11001	1767			/ /	0			E296
11001	1770			/ /	0			E296
11001	689			/ /	0			E296
11001	C-1701			/ /	0			E296
11001	C-1722			/ /	0			E296
11001	C-1723			/ /	0			E296
11001	PT-574	MCR	NA	12/28/85	1	CRATE	3	R,E296

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11002	T-15030	1028	NA	12/27/85	1	CRATE	3	COR,E297
11003	T-15354	1110	NA	03/12/85	1	CRATE	3	SHRCOR,E298
11004	T-15362	1111	NA	03/12/85	1	CRATE	3	SHRCOR,E299
11005	C-20111	1625	NA	02/12/85	2	CRATE	3	SHRCOR
11006	T-15363	1111	NA	03/12/85	1	CRATE	3	SHRCOR,E301
11007	T-1284	853	NA	10/01/84	1	CRATE	3	SHRCOR,E302
11008	T-10337	654	NA	06/12/84	1	CRATE	3	SHRCOR,E303
11009	C-17581	1293	NA	/ /	1	CRATE	3	E304 SHR COR
11010	T-18301	1431	NA	07/25/85	1	CRATE	3	SHRCOR,E305
11011	T-15026	1038	NA	01/16/85	1	CRATE	3	SHRCOR,E306
11012	T-12664	819	NA	09/01/84	1	CRATE	3	SHRCOR, E307
11013	T-15002	1019	NA	02/04/84	1	CRATE	3	SHRCOR,E308
11014	T-16647	1222	NA	04/15/85	1	CRATE	3	SHRCOR,E309
11015	T-15008	1027	NA	02/04/84	1	CRATE	3	SHRCOR,E310
11016	T-17109	1269	NA	/ /	1	CRATE	3	NA SHR COR,E311
11017	T-15577	1128	NA	01/25/85	1	CRATE	2	DEBRS,E312
11018	T-15030	1028	NA	12/27/84	2	CRATE	2	DEBRS
11018	T-16079	1187		/ /	0			MS1130,E313
11019	T-14660	980	NA	03/07/84	1	CRATE	2	TRPT/DBRS, E314
11020	T-9225	588	NA	05/23/84	1	CRATE	2	TR PT,E315
11021	NA	MCR	NA	/ /	0	CRATE	2	NA SHR COR,E316
11022	NA	MCR	NA	/ /	0	CRATE	2	NA COR,E217
11023	C-19165	1536	NA	/ /	0	CRATE	1	NA COR
11024	NA	MCR	NA	/ /	0	CRATE	1	NA,E319
11025	T-12005	780	NA	/ /	1	CRATE	1	NA, E321
11026	NA	MCR	NA	/ /	0	CRATE	3	NA COR,E320
11027	NA	MCR	NA	/ /	0	CRATE	2	NA COR,E322

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11028	NA	MCR	NA	/ /	0	CRATE	2	NA COR,E323
11029	NA	MCR	NA	/ /	0	CRATE	2	NA COR,E324
11030	NA	MCR	NA	/ /	0	CRATE	2	NA COR,E325
11031	NA	MCR	NA	/ /	0	CRATE	3	NA COR,E326
11032	MJ-1117	MCR	NA	07/05/85	1	CRATE	3	INSULTR,E3 27
11033	T-14989	1022	NA	01/03/85	1	CRATE	3	TRPRT/DEB, E328
11034			NA	04/15/85	1	CRATE	3	SHRCOR
11035	T-17522	1313	NA	08/26/85	1	CRATE	3	DEBRS,E320
11036			0002	10/14/85	1	CRATE	3	
11037	NA	MCR	NA	/ /	0	CRATE	3	NA 1 TRANS,E332
11038	2455	NA		/ /	0			E333
11038	2456	NA		/ /	0			E333
11038	C-2452R	MCR		/ /	0			E333
11038	C-2453R	MCR		/ /	0			E333
11038	C-2454R	MCR		/ /	0			E333
11038	C-2457R	MCR		/ /	0			E333
11038	C-2458R	MCR	NA	/ /	0	CRATE	3	NA,E333
11039	NA	MCR	NA	/ /	0	CRATE	8	NA E334
11040	T-15923	1160		/ /	0			E335
11040	TM-346	MCR	NA	01/10/85	1	CRATE	8	DEBRS E335
11041	4A-14344	MCR	NA	/ /	1	CRATE	4	E336 SHR COR,C#120
11042	4A-14411	MCR	NA	10/03/84	1	CRATE	7	4 SHRCOR,C#1 1
11043	4A-18709	MCR	NA	02/11/85	1	CRATE	7	5 SHRCOR,C#2 3
11044	4A-18711	MCR	NA	02/06/85	1	CRATE	7	OR
11045	C-18174	1418	NA	/ /	1	CRATE	7	NA 27 CAPS.
11046	C-20082	1623	0006	09/19/85	2	CRATE	7	19 CAPS
11047	C-20080	1623	0006	09/19/85	2	CRATE	7	19 CAPS
11048	C-19917	1619	NA	03/01/85	1	CRATE	7	
11049	C-19912	1619	NA	11/01/85	1	CRATE	7	22 CAPS,E344
11050	C-19542	1579	0007	08/08/85	1	CRATE	7	6 CAPS.
11051	C-19541	1579	0007	08/09/85	2	CRATE	7	23 CAPS,E346

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11052	LC-20290	1648	0004	09/03/85	2	CRATE	7	18 CAPS
11053	C-19436	1543	NA	10/21/85	1	CRATE	7	RON
11054	LC-20289	1648	0004	04/18/85	2	CRATE	7	24 CAPS
11055	C-20293	1648	0004	09/03/85	2	CRATE	7	18 CAPS.
11056	C-20294	1648	0004	04/23/85	2	CRATE	7	20 CAPS
11057	C-20292	1648	0004	09/03/85	2	CRATE	7	14 CAPS
11058	C-19701	1573	0145	04/15/85	1	CRATE	7	36 CAPS
11059	LC-20282	1642	0004	04/23/85	1	CRATE	7	23 CAPS
11060	NA	1642	0004	/ /	1	CRATE	7	NA 23 CAPS.
11061	LC-19860	1612	0152	09/04/85	1	CRATE	7	20 CAPS.
11062	NA	1619	0028	08/11/85	1	CRATE	7	48 CAPS
11063	LC-19861	1612	0138	09/04/85	2	CRATE	7	25 CAPS.
11064	NA	NA	0153	/ /	0	CRATE	7	NA 29 CAPS
11065	NA	1608	NA	09/24/85	1	CRATE	7	16 CAPS
11066	C-19808	1604	0154	07/26/85	2	CRATE	7	30 CAPS
11067		1604	0154	07/26/85	1	CRATE	7	13 CAPS
11068	C-19804	1604	0154	07/26/85	1	CRATE	7	13 CAPS
11069	C-19803	1604	0154	03/05/85	1	CRATE	7	7 CAPS.
11070	C-19792	1608	0155	09/24/85	1	CRATE	7	APS
11071	C-19797	1608		/ /	0			
11071	C-19800	1605	NA	/ /	2	CRATE	7	NA 29 CAPS.
11072		NA	NA	/ /	2	CRATE	7	NA 25 CAPS.
11073		NA	NA	/ /	0	CRATE	7	NA LIDS
11074		NA	NA	/ /	0	CRATE	5	NA RNGS & LID
11075	C-12987	855	NA	/ /	0	CRATE	7	NA DEBRS
11076	NA	NA	NA	/ /	0	CRATE	7	NA SAWDUST
11077	PT-1054	MCR	NA	/ /	1	CRATE	7	NA NUTS & BOLT
11078		NA	NA	/ /	0	CRATE	7	NA DEBRS
11079		617	0156	/ /	1	CRATE	5	E374 LIDS/RINGS
11080		MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11081		MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11082	NA	MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11083	NA	MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11084	NA	MCR	NA	/ /	0	CRATE	7	NA INSULATORS

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11085	NA	MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11086	NA	MCR	NA	/ /	0	CRATE	7	NA INSULATORS
11087	C-19262	1545	NA	10/07/85	2	CRATE	7	20CAPS
11087	C-20176	1645		/ /	0			
11088	LC-20284	1642	0004	07/25/85	1	CRATE	7	29 CAPS,E492
11089	NA	NA	NA	/ /	0	CRATE	7	NA 22 CAPS, E493
11090	C-20439	1664	0015	07/31/85	1	CRATE	7	33CAPS
11091	C-20438	1663	0015	12/05/85	1	CRATE	7	39 CAPS
11092	C-18079	1369	NA	01/24/85	2	CRATE	7	30 CAPS
11093	C-18078B	1369		07/24/85	0			28 CAPS
11093	C-18079	1369		/ /	0			E462
11094	C-18036	1363	NA	07/16/85	2	CRATE	7	22 CAPS
11094	C-18079B	1369		/ /	0			E463
11095	C-18029	1363	NA	07/16/85	2	CRATE	7	25 CAPS
11096	C-18033	1363	NA	07/17/85	1	CRATE	7	18CAPS,E467
11097	C-18026	1363	NA	07/16/85	1	CRATE	7	18CAPS, E468
11098	C-18035	1363	0016	07/16/85	2	CRATE	7	E465 25CAPS
11099	C-18422	1419		/ /	0			E474
11099	C-18550	1398	0001	07/30/85	1	CRATE	7	19CAPS
11100			0001	07/23/85	2	CRATE	7	25CAPS
11101	C-18542	1398	0001	07/18/85	1	CRATE	7	27CAPS, E475
11102	C-18421	1419	0001	07/30/85	1	CRATE	7	, E477
11103	C-18551	1398	0001	07/16/85	1	CRATE	7	27CAPS, E476
11104	C-18549	1398	0001	07/12/85	1	CRATE	7	26CAPS, E479
11105	C-18442	1429	0171	07/18/85	1	CRATE	7	22CAPS, E480
11106	C-18420	1419	0001	07/30/85	1	CRATE	7	25CAPS, E478
11107	LC-18441	1429	0171	07/18/85	1	CRATE	7	38CAPS, E482
11108	C-18443	1429	0171	07/18/85	1	CRATE	7	21CAPS, E483
11109	C-18546	1398	0001	07/18/85	1	CRATE	7	27CAPS, E484
11110	C-18544	1398	0001	07/22/85	1	CRATE	7	27CAPS, E485

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11111	C-18444	1429	0171	07/18/85	1	CRATE	7	20CAPS, E486
11112	C-18543	1398		/ /	0			E489
11113	C-1888	1392	0001	01/30/85	2	CRATE	7	44CAPS,E487
11114	C-18196	1369	NA	07/24/85	2	CRATE	7	22CAPS,E488
11115	LC-18165	1418	0062	07/20/85	1	CRATE	7	30CAPS,E490
11116	C-18164	1418	0062	07/20/85	1	CRATE	7	27 CAPS,E491
11117	C-17567	1293	0132	06/26/85	3	CRATE	7	36CAPS
11118	C-17567	1293	0132	06/19/85	1	CRATE	7	16CAPS,E527
11119	C-19278	1538	0054	/ /	1	CRATE	7	NA 16 CAPS, E521
11120	C-19277	1538	0054	/ /	1	CRATE	7	NA 16CAPS,E522
11121	C-19276	1538	0054	/ /	1	CRATE	7	NA 22CAPS, E524
11122	C-18176	1418	0062	06/21/85	2	CRATE	7	25CAPS,E532
11123	C-18169	1418	0062	06/10/85	2	CRATE	7	30CAPS, E536
11124	C-17797	1347	0062	06/22/85	1	CRATE	7	30CAPS,E538
11125	C-17461	1291	0016	06/12/85	2	CRATE	7	40CAPS
11125	C-17462	1292		/ /	0			E523
11126	C-17459	1292	0016	06/13/85	2	CRATE	7	40CAPS
11126	C-17463	1292		/ /	0			E525
11127	C-17564	1293	NA	06/17/85	1	CRATE	7	16CAPS,E526
11128	C-19411	1540	0054	09/23/85	2	CRATE	7	15CAPS,E515
11129	C-19417	1540	0054	10/15/85	1	CRATE	7	20CAPS,E517
11130	C-19416	1540	0054	10/15/85	2	CRATE	7	APS,E520
11131	C-19412	1540	0054	10/15/85	2	CRATE	7	PS,E512
11132	C-19413	1540	0054	10/09/85	2	CRATE	7	21CAPS,E513
11133	C-19423	1540	0054	10/23/85	2	CRATE	7	PS,E514
11134	C-16132	1182	0071	04/09/85	2	CRATE	7	12CAPS,E509
11135	C-19415	1540	0054	10/14/85	2	CRATE	7	PS,E510
11136	C-19414	1540	0054	09/24/85	2	CRATE	7	18 CAPS,E511

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11137	C-18040	1363	0016	07/16/85	1	CRATE	7	17CAPS,E503
11138	C-19424	1540	0004	10/23/85	1	CRATE	7	5 20CAPS,E504
11139	C-19425	1540	0004	09/11/85	2	CRATE	7	13CAPS,E505
11140	C-21635	1793	0046	01/06/85	1	CRATE	7	34CAPS,E506
11141	C-19427	1540	0054	09/21/85	2	CRATE	7	19CAPS,E507
11142	C-19426	1540	0054	09/24/85	2	CRATE	7	, E508
11143	NA	1664	0015	07/31/85	1	CRATE	7	24 CAPS,E501
11144	C-15597	1131	NA	02/12/85	1	CRATE	7	21 CAPS,E502
11145	C-18030	1363	0016	07/17/85	1	CRATE	7	16 CAPS,E500
11146	LC-20285	1642	0004	04/26/85	1	CRATE	7	20 CAPS,E497
11147	LC-20278	1642	0004	04/18/85	2	CRATE	7	12&DEBR
11147	LC-20279	1642		/ /	0			E498
11148			NA	/ /	0	CRATE	7	NA 21 CAPS, E499
11149	C-16429A	1207	0046	03/04/85	1	CRATE	7	38CAPS,E791
11150	C-16054	1174	0016	03/19/85	1	CRATE	7	18CAPS,E792
11151	C-16098	1174	0016	03/18/85	2	CRATE	7	CAPS
11152	C-15396	1106	NA	03/20/85	2	CRATE	7	20CAPS
11152	C-15731	1150		/ /	0			E785
11153	C-15693	1138	0001	03/15/85	2	CRATE	7	31CAPS
11153	C-15695	1138		/ /	0			E786
11154	C-16055	1174	NA	03/19/85	1	CRATE	7	32CAPS,E787
11155	C-19657	1515	0062	04/01/85	1	CRATE	7	10CAPS,E782
11156	C-17426	1297	0062	03/20/85	1	CRATE	7	10CAPS,E783
11157	C-16425	1207	NA	03/15/85	2	CRATE	7	49CAPS,E784
11158	C-16335	1191	0010	03/27/85	1	CRATE	7	19CAPS,E779
11159	C-15765	1154	0001	03/28/85	1	CRATE	7	12CAPS,E780
11160	C-15796	1156	0001	03/22/85	1	CRATE	7	13CAPS,E781

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11161	C-15781	1154	0010	03/28/85	1	CRATE	7	17CAPS,E774
11162	C-16336	1191	0010	03/18/85	1	CRATE	7	19CAPS,E775
11163	C-16333	1191	0010	03/13/85	1	CRATE	7	23CAPS,E776
11164	C-16334	1191	NA	03/26/85	0	CRATE	7	18CAPS,E771
11165	C-16337	1191	0010	03/12/85	1	CRATE	7	24CAPS,E772
11166	C-16338	1191	0010	03/20/85	1	CRATE	7	21CAPS,E773
11167	C-16339	1191	0010	03/19/85	1	CRATE	7	19CAPS,E768
11168	C-16341	1191	0010	03/21/85	1	CRATE	7	14CAPS, E769
11169			0010	03/14/85	1	CRATE	7	15CAPS,E770
11170	C-16430	1207	NA	03/26/85	2	CRATE	7	45CAPS,E765
11171	C-16426	1207	NA	03/15/85	2	CRATE	7	36CAPS,766
11172	C-16426	1207	0062	03/24/85	1	CRATE	7	39CAPS,E766
11173	C-15782	1154	0001	03/28/85	1	CRATE	7	20CAPS,E762
11174	C-15786	1154	0001	03/28/85	1	CRATE	7	21CAPS,E763
11175	C-15697	1138	0001	03/15/85	2	CRATE	7	39CAPS,E764
11176	C-15780	1154	0001	03/28/85	1	CRATE	7	16CAPS,E759
11177	C-15787	1154	0001	03/28/85	1	CRATE	7	18CAPS,E760
11178	C-15789	1154	0001	03/28/85	1	CRATE	7	10CAPS,E761
11179	C-16059	1174	0016	03/19/85	2	CRATE	7	39CAPS,E788
11180	C-16067	1174	0007	03/29/85	1	CRATE	7	19CAPS
11181	C-14752	1011	0062	01/08/85	1	CRATE	7	APS,E790
11182	C-16892	1258	0062	04/12/85	1	CRATE	7	46CAPS,E718
11183	C-16887	1258	0062	04/08/85	1	CRATE	7	35CAPS,E723
11184	C-16164	1185	0006	04/11/85	1	CRATE	7	15CAPS,E720
11185	C-16896	1258	0062	04/15/85	1	CRATE	7	30CAPS,E721

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11186	C-16886	1258	0062	04/02/85	1	CRATE	7	28CAPS,E722
11187	C-16884	1258	0062	04/20/85	1	CRATE	7	30CAPS,E724
11188	C-19741	1590	0004	03/28/85	1	CRATE	7	24CAPS,E725
11189	C-19733	1590	0004	04/11/85	1	CRATE	7	21CAPS,E726
11190	C-16433	1207	NA	04/04/85	2	CRATE	7	18CAPS,E780
11191	C-16427	1207	NA	04/04/85	2	CRATE	7	52CAPS,E704
11192	C-16894	1258	0062	04/05/85	1	CRATE	7	36CAPS,E716
11193	C-15680	1135	0001	03/26/85	1	CRATE	7	11CAPS,E742
11194	NA	NA	0062	03/13/85	1	CRATE	7	25CAPS,E738
11195	C-19743	1590	0004	04/02/85	1	CRATE	7	21CAPS,E731
11196			0001	03/26/85	1	CRATE	7	
11197	C-15791	1156	0001	/ /	1	CRATE	7	NA 18CAPS,E743
11198	C-15792	1156	0001	03/18/85	1	CRATE	7	11CAPS,E743
11199	C-15795	1156	0001	03/18/85	1	CRATE	7	23CAPS,E745
11200	C-15794	1156	0001	03/22/85	1	CRATE	7	19CAPS,E746
11201	C-15799	1156	0001	03/19/85	1	CRATE	7	19CAPS,E747
11202	C-15798	1156	0001	03/20/85	1	CRATE	7	16CAPS,E748
11203	C-15797	1156	0001	03/21/85	1	CRATE	7	18CAPS,E749
11204	C-15778	1154	0001	03/20/85	1	CRATE	7	12CAPS,E750
11205	NA	NA	NA	/ /	0	CRATE	7	NA 26CAPS,E751
11206	C-21636	1793	0046	01/08/85	1	CRATE	7	42CAPS,E752
11207	C-21637	1793	0046	01/13/86	1	CRATE	7	38CAPS,E753
11208	C-20753	1696	0016	12/10/85	2	CRATE	7	5 28CAPS

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11208	C-20754	1696		/ /	0			E754
11209	C-15702	1138	0001	02/27/85	1	CRATE	7	17CAPS,E755
11210	C-15783	1154	0001	03/28/85	1	CRATE	7	18CAPS
11211	LC-19859	1612	0001	08/09/85	2	CRATE	7	19CAPS,E810
11212	NA	NA	NA	/ /	0	CRATE	7	NA 16CAPS,E811
11213	C-19053	1515	0016	03/16/85	2	CRATE	7	18CAPS,E812
11214	C-21195	1725	0001	11/12/85	5	CRATE	7	APS,E807
11215	C-21183	1727	0001	/ /	2	CRATE	7	NA 21CAPS,E808
11216	C-21196	1725	0001	11/12/85	5	CRATE	7	28CAPS,E809
11217	C-15699	1138	0001	03/15/85	3	CRATE	7	34CAPS
11217	C-15700	1138		/ /	0			
11218	C-15788	1154	NA	03/28/85	1	CRATE	7	14CAPS,E803
11219	C-15728	1148	0001	03/28/85	2	CRATE	7	14CAPS,E804
11220	C-16340	1191	0010	03/22/85	1	CRATE	7	16CAPS
11221	C-16070	1174	NA	03/22/85	2	CRATE	7	22CAPS
11221	C-16661	1227		/ /	0			E800
11222	C-15732	1150	0001	03/20/85	2	CRATE	7	38CAPS
11222	LC-15730	1150		/ /	0			E801
11223	C-16066	1174		/ /	0			
11223	C-16659	1227	NA	03/22/85	2	CRATE	7	24CAPS,E797
11224	C-16190	1194	NA	03/29/85	2	CRATE	7	13CAPS
11224	C-16659	1227		/ /	0			E798
11225	C-16063	1174	NA	03/18/85	6	CRATE	7	27CAPS
11225	C-16649	1227		/ /	0			E949
11226	C-16056	1174	0016	03/15/85	6	CRATE	7	42CAPS
11226	C-16057	1174		/ /	0			E948
11227	C-16435	1207	0046	03/19/85	1	CRATE	7	28CAPS,E795
11228	NA	NA	0016	03/18/85	1	CRATE	7	18CAPS,E796
11229	C-16062	1174		/ /	0			E794
11229	C-16064	1174	0016	03/16/85	2	CRATE	7	38CAPS
11230	C-18199	1392	0001	07/28/85	2	CRATE	7	19CAPS,E946
11231	C-17553	1307	NA	/ /	4	CRATE	7	NA 37CAPS

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11232	C-20642	1681		/ /	0			E943
11232	C-20839	NA	0181	10/31/85	2	CRATE	7	S
11233	C-16652	1227	0021	02/05/85	2	CRATE	7	17CAPS,E944
11234	C-15067	1062	0001	07/07/85	3	CRATE	7	APS
11234	C-16081	1175		/ /	0			E945
11235	C-21284	1749	0016	01/10/86	4	CRATE	7	43CAPS
11235	C-21288	1749		/ /	0			E941
11236	C-20644	1681	NA	10/10/85	4	CRATE	7	30CAPS
11236	C-20755	1696		/ /	0			E942
11237	C-21286	1749	NA	01/10/85	2	CRATE	7	21CAPS,E937
11238	C-21288	1749		/ /	0			E940
11238	C-21289	1749	0016	01/10/85	3	CRATE	7	29CAPS
11239	C-15678	1135	0001	03/26/85	1	CRATE	7	13CAPS,E777
11240	C-15679	1135	0001	03/26/85	1	CRATE	7	1S
11241	C-19539	1579	0007	08/08/85	1	CRATE	7	2CAPS,E730
11242	C-19418	1540	0004	09/11/85	2	CRATE	7	19CAPS,E732
11243	C-19419	1540	0054	09/23/85	2	CRATE	7	14CAPS,E733
11244	C-19420	1540	0054	09/11/85	2	CRATE	7	14CAPS,E734
11245	C-19421	1540	0054	10/09/85	2	CRATE	7	16CAPS,E735
11246	C-15596	1131.	NA	02/15/85	1	CRATE	7	50CAPS
11247	C-19422	1540	0054	09/26/85	2	CRATE	7	16CAPS,E736
11248	LC-17475	1299	0015	03/18/85	1	CRATE	7	36CAPS,E737
11249	C-16563	1220	NA	03/15/85	9	CRATE	7	22CAPS
11249	C-17088	1266		/ /	0			E739
11249	C-17092	1266		/ /	0			E739
11249	LC-15800	1156		/ /	0			E739
11249	LC-15802	1156		/ /	0			E739
11250	C-15793	1156	0001	03/20/85	1	CRATE	7	12CAPS,E760
11251	NA	NA	0001	11/04/85	1	CRATE	7	11CAPS,E568
11252	C-17801	1347	0062	05/08/85	1	CRATE	7	29CAPS,E570
11253			0062	05/14/85	1	CRATE	7	50CAPS
11254	C-17424	1297	0062	05/02/85	1	CRATE	7	41CAPS,E574
11255	C-16225	1158	0062	04/30/85	1	CRATE	7	23CAPS,E594

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11256	C-17425	1297	0062	/ /	1	CRATE	7	NA 46CAPS,E595
11257	C-17423	1297	0062	04/23/85	1	CRATE	7	56CAPS,E596
11258	C-17429	1297	0062	04/18/85	1	CRATE	7	38CAPS,E702
11259	C-16891	1158	0062	04/22/85	1	CRATE	7	44CAPS,E703
11260	LC-17476	1300	0015	04/01/85	1	CRATE	7	22CAPS,E598
11261	LC-17477	1300	0015	04/01/85	1	CRATE	7	,E597
11262	C-17432	1297	NA	/ /	0	CRATE	7	NA 15CAPS,E591
11263	C-18547	1398	0001	05/25/85	1	CRATE	7	27CAPS,E592
11264	C-18545	1398	0001	05/21/85	1	CRATE	7	27CAPS,E590
11265	C-18548	1398	0001	05/23/85	1	CRATE	7	23CAPS,E588
11266	C-17948	1351	0100	05/23/85	1	CRATE	7	22CAPS,E587
11267	C-13945	1351	0100	05/11/85	1	CRATE	7	PS,E584
11268	C-18783	1486	0006	05/25/85	1	CRATE	7	26CAPS,E579
11269	C-17426	1297	0062	06/01/85	1	CRATE	7	25CAPS,E562
11270	C-18031	1363	0016	07/17/85	1	CRATE	7	19CAPS,E561
11271	C-20928	1712	0191	10/18/85	1	CRATE	7	APS,E563
11272	C-19738	1590	0004	04/10/85	1	CRATE	7	27CAPS,E564
11273	C-16888	1258	0062	04/22/85	1	CRATE	7	21CAPS,E572
11274	C-17430	1297	NA	05/13/85	1	CRATE	7	16CAPS,E571
11275	C-17941	1351	0100	05/11/85	1	CRATE	7	27CAPS,E567
11276	C-17798	1347		/ /	0			E575
11276	C-17800	1347	0062	06/11/85	1	CRATE	7	26CAPS
11277	NA	1642	NA	04/09/85	1	CRATE	7	26CAPS,E566
11278	C-21552	1783	0054	01/15/85	1	CRATE	7	17CAPS,E565
11279	C-17422	1297	0062	04/27/85	1	CRATE	7	27CAPS,E576

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11280	C-17800	1347	0062	05/29/85	1	CRATE	7	30CAPS,E577
11281	C-17566	1293	0176	06/19/85	1	CRATE	7	17CAPS,E559
11282	C-17569	1293	0176	06/17/85	1	CRATE	7	18CAPS,E560
11283	C-18172	1418	0062	06/17/85	2	CRATE	7	26CAPS,E556
11284	C-18171	1418	0062	06/21/85	4	CRATE	7	51CAPS,E557
11285	C-18170	1418	0062	06/05/85	2	CRATE	7	44CAPS,E558
11286	C-16635	1200	0100	04/08/85	1	CRATE	7	28CAPS,E553
11287	C-17574	1293	NA	06/17/85	1	CRATE	7	17CAPS,E554
11288	C-17560	1293	NA	06/17/85	2	CRATE	7	25CAPS
11288	C-17562	1293		/ /	0			E555
11289	C-17575	1293	NA	06/12/85	5	CRATE	7	30CAPS
11289	C-17576	1293		/ /	0			E550
11289	C-17578	1293		/ /	0			E550
11289	C-17584	1293		/ /	0			E550
11290	C-17571	1293	NA	06/17/85	2	CRATE	7	35CAPS
11290	C-17572	1293		/ /	0			E551
11291	C-17559	1293	NA	06/17/85	2	CRATE	7	23CAPS
11291	C-17562	1293		/ /	0			E552
11292	LC-18117	1386	NA	06/14/85	4	CRATE	7	25CAPS
11293	C-17481	1302	0015	06/17/85	1	CRATE	7	27CAPS,E548
11294	C-17568	1293	NA	06/19/85	2	CRATE	7	28CAPS
11295	C-17486	1304	0015	06/10/85	1	CRATE	7	30CAPS,E544
11296	C-11342	1351	0100	06/13/85	1	CRATE	7	27CAPS,E545
11297	C-17561	1293	NA	06/05/85	2	CRATE	7	38CAPS
11297	C-18314	1405		/ /	0			E546
11298	C-17944	1351	0100	06/07/85	1	CRATE	7	25CAPS,E541
11299	C-17947	1351	0100	06/13/85	1	CRATE	7	30CAPS,E542
11300	C-17946	1351	0100	06/11/85	1	CRATE	7	27CAPS,E543
11301	C-18428	1424	0001	06/11/85	2	CRATE	7	13CAPS,E537
11302	NA	1347	0062	06/10/85	1	CRATE	7	37CAPS,E539

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11303	C-17949	1351	0100	06/13/85	1	CRATE	7	20CAPS,E540
11304	C-17433	1297		/ /	0			E533
11304	C-17460	1292	0190	10/03/85	2	CRATE	7	30CAPS
11305	C-17464	1292	0016	06/13/85	2	CRATE	7	30CAPS
11306	C-17793	1347	0062	06/10/85	1	CRATE	7	27CAPS,E535
11307	C-18082	1369	NA	06/05/85	3	CRATE	7	27 CAPS
11308	C-17798	1347	0062	06/11/85	1	CRATE	7	25CAPS,E530
11309	C-17457	1292	NA	06/05/85	2	CRATE	7	34CAP,E531
11310	C-17794	1347	0062	05/22/85	1	CRATE	7	27CAPS,E585
11311	NA	NA	0062	05/04/85	1	CRATE	7	47CAPS,E863
11312	C-17421	1297	0062	05/25/85	1	CRATE	7	36CAPS,E589
11313	C-17803	1347	0062	05/22/85	1	CRATE	7	26CAPS,E586
11314	C-17792	1347	0062	05/22/85	1	CRATE	7	49CAPS,E582
11315	C-17432	1297	0192	05/18/85	2	CRATE	7	27CAPS
11315	C-17587	1320		/ /	0			E581
11316	C-46895	1055	0062	04/08/85	1	CRATE	7	36CAPS,E593
11317	C-17431	1297	0062	05/20/85	1	CRATE	7	20CAPS,E580
11318	C-16638	1200	0100	04/08/85	1	CRATE	7	28CAPS,E705
11319	C-16548	1215	NA	04/15/85	2	CRATE	7	27CAPS
11319	C-16662	1227		/ /	0			E701
11320	C-16634	1200	0100	04/08/85	1	CRATE	7	30CAPS,E599
11321	C-16640	1200	0100	04/08/85	1	CRATE	7	30CAPS,E708
11322	C-16065	1174		/ /	0			E787
11322	C-16664	1227		/ /	0			E787
11322	C-16709	1229	0016	04/11/85	2	CRATE	7	38CAPS,E717
11323	LC-16633	1200	0100	04/08/85	1	CRATE	7	32CAPS,E706
11324	C-15697	1138	NA	03/15/85	3	CRATE	7	29CAPS
11324	C-16658	1227		/ /	0			E709
11324	C-16660	1227		/ /	0			E709
11325	C-16662	1227	0021	04/24/85	1	CRATE	7	30CAPS,E710

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11326	C-18781	1486	0006	04/25/85	1	CRATE	7	24CAPS,E711
11327	C-16636	1200	0100	04/08/85	1	CRATE	7	31CAPS,E712
11328	C-17517	1310	NA	04/01/85	2	CRATE	7	22CAPS
11329	C-16637	1200	0100	04/08/85	1	CRATE	7	28CAPS,E714
11330	C-16639	1200	0100	04/08/85	1	CRATE	7	28CAPS,E715
11331	C-17093	1266	NA	04/08/85	9	CRATE	7	25CAPS
11331	C-17098	1266		/ /	0			
11331	C-18128	1374		/ /	0			E719
11331	LC-18424	1419		/ /	0			
11332	C-16709	1229	0193	04/18/85	0	CRATE	7	20CAPS,E717
11333	C-18028	1363	NA	/ /	0	CRATE	7	NA 18CAPS,E727
11334	C-18023	1363	0016	07/16/85	1	CRATE	7	18CAPS,E728
11335	C-18024	1363	0016	07/16/85	1	CRATE	7	16CAPS,E729
11336	NA	1141	0010	01/15/85	1	CRATE	7	26CAPS,E878
11337	NA	1141	0010	01/15/85	1	CRATE	7	19CAPS,E879
11338	NA		NA	01/09/85	2	CRATE	7	19CAPS
11339	C-15751	1141	0010	01/14/85	1	CRATE	7	17CAPS,E876
11340	C-15018	1038	0046	01/16/85	1	CRATE	7	PS,E875
11341			NA	/ /	0	CRATE	7	NA BAGS
11342	C-15397	1102	0119	02/15/85	1	CRATE	7	18CAPS,E856
11343	LC-18119	1372	0200	/ /	1	CRATE	7	NA 30CAPS,E868
11344	C-18862	1474	0137	/ /	1	CRATE	7	NA 30CAPS,E870
11345	C-15094	1060	NA	02/06/85	2	CRATE	7	S
11345	C-15100A	1065		/ /	0			E864
11346	C-15085	1063	NA	02/05/85	3	CRATE	7	APS
11346	C-15301	1087		/ /	0			E865
11346	LC-15086	1055		/ /	0			
11347	C-15703	1138	0001	02/11/85	1	CRATE	7	17CAPS,E860

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11348	C-15744	1126	0199	02/26/85	1	CRATE	7	23CAPS,E861
11349	C-15052	1042	0001	02/08/85	1	CRATE	7	APS,E862
11350		1042	0001	02/08/85	1	CRATE	7	APS
11351		1229	0193	05/10/85	1	CRATE	7	APS
11352	C-16713	1229	0193	05/10/85	1	CRATE	7	21CAPS,E858
11353	C-15599B	1131		/ /	0			E866
11353	C-15701	1138	NA	02/13/85	2	CRATE	7	23CAPS
11354	C-15696	1138	0001	03/15/85	1	CRATE	7	24CAPS,E867
11355	C-15595	1131	0046	02/22/85	1	CRATE	7	22CAPS,E855
11356	C-16682	1235	0195	02/20/85	1	CRATE	7	12CAPS,E857
11357	C-15399	1102		/ /	0			E853
11357	C-16710	1229	0119	02/15/85	1	CRATE	7	21CAPS,E859
11358	C-15051	1042		/ /	0			E863
11358	C-15401	1102	0119	/ /	1	CRATE	7	NA
11359	C-15594	1131	0046	02/11/85	1	CRATE	7	18CAPS,E854
11360	NA	1227	0021	04/22/85	2	CRATE	7	24CAPS,E852
11361	C-19676	1591	0004	01/14/85	1	CRATE	7	25CAPS,E871
11362	C-16714	1229	0193	05/10/85	2	CRATE	7	22CAPS,E872
11363	C-16681	1235	0195	03/13/85	1	CRATE	7	21CASP,E805
11364	LC-18084	1383	NA	/ /	1	CRATE	7	8CAPS,E806
11365	C-19675	1591	0004	03/15/85	1	CRATE	7	NA
11366	M0928 ?	3176	0006	08/21/84	1	DRUM	7	15CAPS,E869
11367	C-14771	1012	0001	02/15/85	2	CRATE	7	25CAPS,E874
11368	C-18332	1416	NA	08/15/85	2	CRATE	7	,E873
11368	C-20087	1625		/ /	0			S,E813
11369	C-16652	1227	NA	12/25/85	2	CRATE	7	13CAPS
11370	NA	NA	NA	/ /	2	CRATE	7	E814
11371	NA	1721	0018	10/14/85	3	CRATE	7	S
								NA
								18CAPS,E816
								5
								12CAPS,E817

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11372	4A-19382	MCR		/ /	0			E818
11372	C-15606	1131		/ /	0			
11372	C-17430	1297	NA	02/26/85	6	CRATE	7	31CAPS
11373	C-15750	1141	0010	01/16/85	1	CRATE	7	28CAPS,E881
11374	C-14757	1011	NA	01/04/85	1	CRATE	7	22CAPS,E882
11375	C-14751	1011	NA	01/08/85	1	CRATE	7	31CAPS,E883
11376	C-14823	1007	0010	01/07/85	1	CRATE	7	APS,E819
11377	NA	NA	NA	/ /	0	CRATE	7	NA 7CAPS,E820
11378	C-15598A	1131	NA	02/25/85	3	CRATE	7	17CAPS,E821
11379	C-15124	1061	0198	01/16/85	1	CRATE	7	S,E884
11380	C-14758	1011	NA	01/04/85	1	CRATE	7	APS,E885
11381	C-19788	1593	0001	/ /	1	CRATE	7	NA 20CAPS,E886
11382	C-15095	1058	NA	/ /	0	CRATE	7	NA 13CAPS,E822
11383	C-15321	1109	0100	/ /	1	CRATE	7	NA 17CAPS,E823
11384	C-15593	1131	0046	02/22/85	2	CRATE	7	27CAPS,E824
11385	NA	NA	NA	/ /	0	CRATE	7	NA 21CAPS,E888
11386	NA	MCR	NA	/ /	0	CRATE	7	NA SHRCOR,E889
11387	NA	MCR	NA	/ /	0	CRATE	7	NA SHR COR,E890
11388	C-15098	1064	0001	02/22/85	1	CRATE	7	AP,E825
11389	C-15097	1064	0001	02/22/85	1	CRATE	7	1S,E826
11390	C-15068	1062	NA	02/07/85	3	CRATE	7	31CAPS
11390	C-15113	1067		/ /	0			E827
11390	C-15114	1067		/ /	0			E827
11391	C-16428	1207	NA	02/27/85	2	CRATE	7	30CAPS
11392	NA	1293&1369?	0016	06/12/85	2	CRATE	7	33CAPS,E800
11393	C-20640	1681	0005	10/31/85	1	CRATE	7	38CAPS,E842
11394	O-15038	1041	NA	02/01/85	2	CRATE	7	27CAPS

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11395	C-15606	1131	0046	02/12/85	1	CRATE	7	37CAPS,E850
11396	C-15592	1131	0046	02/27/85	1	CRATE	7	37CAPS,E847
11397	C-15594	1131	0046	02/28/85	1	CRATE	7	23CAPS
11397	C-15604B	1131		/ /	0			E848
11398	C-15597A	1131		/ /	0			E851
11398	C-16432	1207	0046	03/19/85	1	CRATE	7	21CAPS
11399	C-19739	1590	0004	04/04/85	1	CRATE	7	23CAPS,E891
11400	LC-20281	1642	0004	09/04/85	1	CRATE	7	23CAPS,E892
11401	C-16711	1229	0193	03/13/85	1	CRATE	7	19CAPS,E951
11402	C-16068	1174	0016	03/18/85	4	CRATE	7	40CAPS
11402	C-16069	1174		/ /	0			E950
11403	LC-20288	1642	0004	07/25/85	1	CRATE	7	,E893
11404	LC-20276	1642	0004	08/05/85	1	CRATE	7	23CAPS
11405	C-15050	1042	0001	02/08/85	1	CRATE	7	21CAPS,E828
11406	C-15048	1042	0001	02/13/85	1	CRATE	7	30CAPS,E829
11407	C-11043	699		/ /	0			E831
11407	C-15054	1042	0001	02/13/85	1	CRATE	7	APS
11408	C-11045	699		/ /	0			E833
11408	C-15055	1042	0001	02/13/85	1	CRATE	7	29CAPS
11409	C-15047	1042	0001	02/11/85	1	CRATE	7	APS,E832
11410	C-15124	1061	0197	02/11/85	1	CRATE	7	85 24CAPS
11410	C-15126	1061		/ /	0			
11410	C-15127	1061		/ /	0			E834
11411	LC-20280	1642	0004	04/17/85	1	CRATE	7	21CAPS,E895
11412	LC-20275	1642	0004	04/10/85	1	CRATE	7	25CAPS,E896
11413	C-19916	NA	0028	08/01/85	1	CRATE	7	65CAPS,E897
11414	C-20081	1623	0006	09/12/85	1	CRATE	7	19CAPS,E898
11415		1619	0028	08/01/85	1	CRATE	7	30CAPS
11416	M-21245	NA	0002	01/07/86	1	CRATE	7	OILDRY,E952
11417	C-11014	699		/ /	0			E835
11417	C-15053	1042	0001	02/08/85	1	CRATE	7	24CAPS
11418	C-15049	1042	0001	02/11/85	1	CRATE	7	APS
11418	LC-11044	699		/ /	0			E836
11419	C-15125	1061	0198	02/11/85	1	CRATE	7	S,E838

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11420	C-21185	1727	0001	12/05/85	1	CRATE	7	15CAPS,E839
11421	C-21184	1727	0001	/ /	1	CRATE	7	NA 41CAPS,E840
11422	C-21553	1783	0054	10/29/85	2	CRATE	7	PS,E841
11423	M-21234	NA	0002	01/06/86	1	CRATE	7	OD,E953
11424	M-21244	NA	0002	01/07/86	1	CRATE	7	OD,E954
11425	M-21238	NA	0002	01/07/86	1	CRATE	7	OD,E955
11426	M-21243	MCR	0002	01/07/86	1	CRATE	7	OD,E956
11427	M-21240	NA	0002	01/07/86	1	CRATE	7	OD,E958
11428	M-21242	NA	0002	01/07/86	1	CRATE	7	OD,E959
11429	C-15402	1102	0119	02/15/85	1	CRATE	7	21CAPS,E843
11430	NA	1102	0119	02/15/85	1	CRATE	7	18CAPS,E844
11431	C-15400	1102	0119	02/15/85	1	CRATE	7	16CAPS,E845
11432	C-15398	1102	NA	/ /	0	CRATE	7	NA 12CAPS,E844
11433	CRATE 20	MCR	0002	11/12/85	1	CRATE	7	5SHRCAP,E1217
11434	CRATE 2	MCR		/ /	0			E1218
11435	CRATE 1	MCR	0002	11/04/85	1	CRATE	7	SHRCAP,E121
11436	C-19461	1561		/ /	0			E1126
11436	C-19468	1558	NA	06/06/85	2	CRATE	7	
11436	C-19469	1558		/ /	0			
11437	C-19865	1558	0158	06/13/85	1	CRATE	7	,E1127
11438	CRATE 69	MCR	0002	12/16/85	1	CRATE	7	5SHRCAP,E1214
11439	CRATE 60	MCR	0002	12/13/85	1	CRATE	7	P,E1215
11440	CRATE	MCR	0002	12/16/85	1	CRATE	7	AP,E1216
11441	CRATE 12	MCR	0002	11/08/85	1	CRATE	7	SHRCAP,E-1220
11442	C-18082	1369	0016	07/24/85	1	CRATE	7	
11443	C-19464	1558	0168	06/13/85	1	CRATE	7	
11444	C-19460	1557	0077	/ /	1	CRATE	7	NA,E1131(?)
11445	CRATE 6	MCR	0002	11/05/85	1	CRATE	7	SHRCAP,E1211
11446	CRATE 5	MCR	0002	11/05/85	1	CRATE	7	SHRCAP,E1212
11447	CRATE 65	MCR	0002	12/16/85	1	CRATE	7	5SHRCAP,E1213

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11448	CRATE 30	MCR	0002	11/15/85	1	CRATE	7	P,E1221
11449	CRATE 29	MCR	0002	11/15/85	1	CRATE	7	5SHRCAP,E1222
11450	CRATE 82	MCR	0002	12/18/85	1	CRATE	7	5SHRCAP,E1223
11451	C-19466	1558	0158	08/12/85	1	CRATE	7	,E1128
11452	C-21252	1746	0001	11/20/85	1	CRATE	7	32
11453	C-21251	1746	0001	12/18/85	1	CRATE	7	,E1133
11454	C-16052	1174	NA	04/11/85	1	CRATE	7	17 CAPS
11455	C-15429	1122	0016	/ /	3	CRATE	7	NA 14 CAPS
11456	C-14766	NA		/ /	0			E445
11457	C-20225	1644	0003	/ /	2	CRATE	7	NA 25 CAPS
11458	NA	NA	0010	06/03/85	2	CRATE	7	21 CAPS
11459	NA	NA	0010	05/31/85	1	CRATE	7	21 CAPS
11460	C-18427	1424	0001	08/18/85	2	CRATE	7	26 CAPS
11461			0006	08/23/85	1	CRATE	7	25 CAPS
11462	LC-18960	1506	0012	08/03/85	1	CRATE	7	26 CAPS
11463			0012	08/03/85	1	CRATE	7	
11464	C-20440	1664	0015	07/31/85	2	CRATE	7	37 CAPS
11465	O-15099	1064	0001	02/22/85	1	CRATE	7	15 CAPS
11466			NA	/ /	1	CRATE	7	NA 16 CAPS
11467		NA	0062	06/29/85	3	CRATE	7	27 CAPS
11468	LC-14831	1007	0062	08/02/85	2	CRATE	7	42 CAPS
11469			0062	08/05/85	2	CRATE	7	
11470	C-18393	1426	0001	08/08/85	2	CRATE	7	15 CAPS
11471	C-18392	1426	0001	08/07/85	1	CRATE	7	18 CAPS
11472	C-20083	1623	0006	10/01/85	2	CRATE	7	+TRSH
11473	C-20434	1663	0015	04/05/85	2	CRATE	7	30 CAPS
11474	C-19068	1512	0188	10/02/85	1	CRATE	7	50 CAPS
11475	LC-15247	1079	NA	/ /	0	CRATE	7	NA DEBR
11476	C-17799	1347	0062	06/24/85	1	CRATE	7	31 CAPS
11477	O-18782	1486	0006	08/25/85	1	CRATE	7	26 CAPS
11478	C-17943	1351	0100	07/13/85	1	CRATE	7	41 CAPS
11479	C-15100B	1065	NA	02/22/85	2	CRATE	7	5 19 CAPS
11479	C-15101	1065		/ /	0			E453
11480	NA	NA	0062	/ /	1	CRATE	7	MAD980731618 (E454)
11481	C-14779	1012	0062	01/10/85	1	CRATE	7	85 38CAPS,E458
11482	C-17804	1347	0062	06/15/85	1	CRATE	7	27 CAPS
11483	LC-17485	1304	0015	03/21/85	1	CRATE	7	38 CAPS,E457
11484	NA	NA	0062	07/28/85	1	CRATE	7	30 CAPS,E455
11485	C-19053	1515	0062	06/05/85	2	CRATE	7	5 27 CAPS

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11486	C-17802	1347	0062	06/10/85	1	CRATE	7	40 CAPS
11487	C-19871	MCR	0002	11/18/85	1	CRATE	7	5 TRSH,E1118
11488	C-19914	1619	0028	07/31/00	1	CRATE	7	40CAPS,E1119
11489	C-18163	1418	NA	07/01/85	2	CRATE	7	29CAPS
11490	LC-18167	1418	0062	07/03/85	2	CRATE	7	18CAPS
11491	C-18175	1418	0062	07/01/85	2	CRATE	7	43 CAPS
11492	C-19049	1515	0062	07/29/85	2	CRATE	7	40CAPS
11493	C-19055	1515	0062	07/12/85	2	CRATE	7	31CAPS
11494	C-18168	1418	0062	07/01/85	1	CRATE	7	31CAPS
11495	C-20174	1646	0185	03/31/85	1	CRATE	7	27 CAPS
11496	O-15617	1116	NA	03/15/85	2	CRATE	7	43 CAPS
11497	C-15373	1099	NA	12/28/84	2	CRATE	7	CAP
11498	O-18280	1481	0012	/ /	11	CRATE	7	NA 35 CAPS
11499			NA	/ /	0	CRATE	7	NA 25 CAPS
11500			0011	08/03/85	1	CRATE	7	
11501			0012	08/03/85	1	CRATE	7	55 CAPS
11502			0001	08/01/85	2	CRATE	7	
11503			0062	08/05/85	3	CRATE	7	29 CAPS
11504			0062	08/05/85	2	CRATE	7	
11505	C-19052	1515	0062	07/29/85	2	CRATE	7	29 CAPS
11506	C-18395	1426	0001	08/07/85	3	CRATE	7	23 CAPS
11507	C-19540	1579	NA	10/07/85	2	CRATE	7	7 CAPS
11508	C-21254	1746	NA	11/18/85	2	CRATE	7	AS
11509	C-16651	1227	0185	03/22/85	1	CRATE	7	21 CAPS
11510			NA	/ /	0	CRATE	7	NA DEBRS, E-443
11511	O-18114	1385	NA	07/05/85	6	CRATE	7	23 CAPS
11512	C-18539	1398	0001	07/17/85	1	CRATE	7	45CAPS
11513	O-19229	1398	0054	/ /	1	CRATE	7	NA 22 CAPS
11514	C-19280	1538	0054	/ /	1	CRATE	7	NA 24CAPS
11515	C-19281	1538	0054	/ /	1	CRATE	7	NA 16CAPS
11516	C-20436	1663	0015	12/05/85	1	CRATE	7	27 CAPS
11517	C-20435	1663	0015	09/10/85	1	CRATE	7	23 CAPS
11518	C-20437	1663	0015	09/10/85	1	CRATE	7	18 CAPS
11519	C-18964	1506	0012	09/03/85	1	CRATE	7	53 CAPS
11520	M-21232	NA		/ /	0			E1208
11521			0001	07/25/85	1	CRATE	7	
11522		1668	0015	10/01/85	1	CRATE	5	APS
11523	M-21227	NA	0002	01/06/86	1	CRATE	7	SOIL,E1204
11524	M-21228	NA	0002	01/06/86	1	CRATE	7	SOIL,E1205
11525	M-21230	NA	0002	01/06/86	1	CRATE	7	SOIL,E1206
11526	M-21219	NA	0002	01/06/86	1	CRATE	7	OD,E1113
11527	M-21231	NA	0002	01/06/86	1	CRATE	7	SOIL,E1207
11528			0002	01/06/86	1	CRATE	7	SOIL

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11529	NA	NA	0002	01/06/86	1	CRATE	7	SOIL,E1209
11530	M-21233	NA	0002	01/06/86	1	CRATE	7	SOIL,E1210
11531	NA	NA	NA	03/12/85	2	CRATE	7	28CAPS,E1114
11532	NA	1538	0054	02/08/85	1	CRATE	7	19CAPS,E1116
11533	NA	1591	0004	02/08/85	1	CRATE	7	,E1117
11534	C-19736	1590	0004	03/22/85	1	CRATE	7	28CAPS,E1120
11535	C-19735	1590	0004	03/26/85	1	CRATE	7	
11536	C-19732	1590	0004	03/07/85	1	CRATE	7	
11537	NA	1701	0004	12/04/85	1	CRATE	7	,E1103
11538	C-19737	1590	0004	01/09/85	1	CRATE	7	,E1102
11539	C-19740	1590	0004	03/19/85	1	CRATE	7	30CAPS,E1101
11540	E-1224	66	0002	12/16/85	1	CRATE	7	CAP
11541	NA	MCR	0002	11/06/85	1	CRATE	7	SHRCAP
11542	E-1226	MCR	0002	11/07/85	1	CRATE	7	SHRCAP
11543	E-1227	MCR	0002	11/06/85	1	CRATE	7	SHRCAP
11544	E-1228	MCR	0002	11/18/85	1	CRATE	7	AP
11545	E-1229	MCR	0002	11/18/85	1	CRATE	7	5 SHRCAP
11546	C-21317	1752	0010	05/08/84	1	CRATE	7	29CAPS,E1104
11547	C-21318	1752	0010	10/07/85	1	CRATE	7	20CAPS,E1105
11548	C-21319	1752	0010	03/11/85	1	CRATE	7	21CAPS,E1106
11549	C-21320	1752	0010	08/14/84	1	CRATE	7	30CAPS,E1100
11550	C-21206	1736		/ /	0			E924
11550	C-21313	1752	0010	08/14/85	1	CRATE	7	29CAPS,E1107
11551	C-21312	1752	0010	08/14/84	1	CRATE	7	21CAPS,E1108
11552	C-21316	1752	0010	08/14/84	4	CRATE	7	,E1109
11553	C-21315	1752	0010	10/14/84	1	CRATE	7	PSE1110
11554	C-21314	1752	0010	10/02/84	2	CRATE	7	18CAPS,E1111
11555	C-16652	1227	0021	12/25/85	1	CRATE	7	85 22CAPS
11556	C-20085	1625	NA	09/09/85	3	CRATE	7	27CAPS
11557	C-20792	1701	0004	11/08/85	1	CRATE	7	26CAPS
11558	M-21241	NA	0002	01/07/86	1	CRATE	7	OD,E957
11559	C-20790	1701	0004	12/04/85	1	CRATE	7	14CAPS
11560	C-20762	1696	0016	12/10/85	1	CRATE	7	5 31CAPS
11561	C-20759	1696	0016	12/10/85	2	CRATE	7	5 23CAPS
11562	C-20638	1681	NA	10/17/85	2	CRATE	7	APS

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11563	C-20739	1696	0016	12/10/85	3	CRATE	7	PS
11564	C-20646	1681	0005	10/31/85	2	CRATE	7	APS
11565	C-20605	1681	0005	10/31/85	2	CRATE	7	20CAPS
11566	C-19909	1619	0005	10/17/85	1	CRATE	7	5 28CAPS
11567	C-20641	1681	0005	10/31/85	2	CRATE	7	APS
11568	C-20661	1681	NA	09/05/85	2	CRATE	7	32CAPS
11569	C-15779	1154	0001	09/29/84	1	CRATE	7	23CAPS
11570	C-21287	1749	0016	01/01/85	3	CRATE	7	24CAPS
11570	C-21288	1749		/ /	0			E934
11571	LC-20287	1642	0004	04/15/85	1	CRATE	7	
11572	C-19016	1515	0062	09/13/85	2	CRATE	7	25CAPS
11573	C-19051	1515	0062	09/13/85	2	CRATE	7	39CAPS
11574	C-19050	1515	0062	09/12/85	2	CRATE	7	42CAPS
11575	C-19164	1536	0012	09/16/85	1	CRATE	7	29CAPS
11576	4A-18798	MCR	NA	11/13/84	1	CRATE	7	4 SHRCOR
11577		1272	0016	05/27/85	1	CRATE	7	PS
11578	C-11636	752	0058	/ /	1	CRATE	7	NA SHRCOR
11579	C-17284	1272	0016	05/27/85	1	CRATE	7	18CAPS
11580		1736	0070	/ /	1	CRATE	7	NA 14CAPS
11581	C-20752	1696	NA	/ /	2	CRATE	7	NA 22CAPS
11581	C-21260	1755		/ /	0			E925
11582	C-18269	1379	0012	07/07/85	4	CRATE	7	36CAPS
11583	C-19910	1619	0028	07/08/85	1	CRATE	7	12CAPS,E927
11584	C-20092	1625	0021	06/06/85	2	CRATE	7	24CAPS
11584	C-20093	1625		/ /	0			E928
11585	C-20091	1625	0021	06/06/85	2	CRATE	7	28CAPS
11585	C-20098	1625		/ /	0			E929
11586	C-20173	1647	0003	01/01/85	2	CRATE	7	35CAPS
11587	C-20087	1625	0021	06/18/85	2	CRATE	7	23CAPS
11587	C-20090	1625		/ /	0			E931
11588	C-19267	1552		/ /	0			E3921
11588	C-20084	1625	NA	10/01/85	5	CRATE	7	27CAPS
11588	C-20086	1625		/ /	0			E3921
11589	C-21250	1746	NA	11/25/85	4	CRATE	7	APS,E933
11590	C-19907	1619	NA	07/31/85	2	CRATE	7	23CAPS,E935
11591	C-20758	1696	NA	/ /	2	CRATE	7	NA 19CAPS,E936
11592	C-21253	1746	0001	11/06/85	2	CRATE	7	19CAPS,E937
11593	C-20752	1696	0016	12/10/85	2	CRATE	7	PS,E938
11594	M-21220		0002	01/06/86	1	CRATE	7	OD
11595	M-21222		0002	01/06/86	1	CRATE	7	SOIL
11596	M-21224		0002	01/06/86	1	CRATE	7	SOIL

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11597	C-15784	1154	NA	03/28/85	1	CRATE	7	12CAPS
11598	C-15790	1154	0001	03/28/85	1	CRATE	7	27CAPS
11599	C-21633	1793	0046	02/03/86	1	CRATE	7	
11600	C-19623	1546	0169	07/19/85	1	CRATE	7	
11601	C-17036	1266	0054	05/20/85	1	CRATE	7	33CAPS
11602	C-19731	1590	0004	03/15/85	1	CRATE	7	
11603	C-19734	1590	0004	03/28/85	1	CRATE	7	
11604	C-19730	1590	0004	03/04/85	1	CRATE	7	
11605	C-20791	1701	0004	12/04/85	1	CRATE	7	
11606	C-19687	1591	0004	01/15/81	1	CRATE	7	
11607	C-19686	1591	0004	02/13/85	1	CRATE	7	
11608	C-19685	1591	0004	01/15/85	1	CRATE	7	
11609	C-19684	1591	0004	02/24/85	1	CRATE	7	
11610	C-19258	1527	0183	05/22/85	1	CRATE	7	7 CAPS
11611			NA	/ /	0	CRATE	7	NA 18 CAPS.
11612	C-19459	1557	NA	/ /	2	CRATE	7	NA
11613	C-17586	1319	0182	/ /	1	CRATE	7	NA
11614	O-80		0002	12/18/85	1	CRATE	7	AP
11615	C-19677	1591	0004	07/18/85	1	CRATE	7	
11616	C-19678	1591	0004	03/13/85	1	CRATE	7	
11617	LC-19679	1591	0004	03/20/85	1	CRATE	7	
11618	LC-19680	1591	0004	03/11/85	31	CRATE	7	
11619	LC-19681	1591	0004	03/06/85	1	CRATE	7	
11620	C-19682	1591	0004	01/15/85	1	CRATE	7	
11621	C-19683	1591	0004	03/08/85	1	CRATE	7	
11622		1392	0073	07/26/85	1	CRATE	7	
11623	O-18041	1363	0016	07/16/85	1	CRATE	7	
11624		1397	0073	07/30/85	1	CRATE	7	
11625			NA	/ /	0	CRATE	7	NA DEBRS
11626	C-20674	1689	0001	11/22/85	1	CRATE	7	
11627	LC-20658	1684	0020	10/30/85	1	CRATE	7	
11628	C-20675	1689	0001	11/18/85	1	CRATE	7	
11629			NA	/ /	0	CRATE	7	NA INSULATORS
11630			NA	/ /	0	CRATE	7	NA INSULATORS
11631	C-11013	699	NA	/ /	0	CRATE	7	NA INSULATORS
11632			NA	/ /	0	CRATE	7	NA
11633			NA	/ /	0	CRATE	7	NA INSULATORS
11634			NA	/ /	1	CRATE	7	NA INSULATORS
11635			0058	08/20/84	1	CRATE	7	19CAPS
11636			NA	/ /	0	CRATE	7	NA INSULATORS

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11637	O-19268		0002	10/23/85	1	CRATE	7	5 DIRT
11638	O-19026	1458	0002	10/05/85	1	CRATE	7	CONTDBR
11639	O-16626		0002	08/08/85	1	CRATE	7	P
11640	C-9771	617	0156	06/14/84	1	CRATE	7	LID/RING
11641	M-19271		0002	10/23/85	1	CRATE	7	OR
11642	O-19027		0002	10/05/85	1	CRATE	7	5 DIRT
11643	19012	MCR	0002	10/02/85	1	CRATE	7	FLTRPLTS
11644	O-20847		0002	12/19/85	1	CRATE	7	AP
11645	O-14028		0002	06/27/85	1	CRATE	7	TRSH
11646			NA	/ /	0	CRATE	7	NA TRSH
11647	C-8625	533	0025	04/05/84	1	CRATE	7	SHR PRTS
11648			0002	01/10/85	1	CRATE	7	
11649		MCR	0002	11/11/85	1	CRATE	7	SHRCAP,C#16
11650		MCR	0002	11/11/85	1	CRATE	7	CAP,C#14
11651		MCR	0002	11/11/85	1	CRATE	7	SHRCAP,C#5
11652	CP-1381	MCR	0002	09/25/85	3	CRATE	7	CAP
11652	CP-1382	MCR		/ /	0			
11652	CP-1477	MCR		/ /	0			
11653			NA	09/27/84	1	CRATE	7	SHRCAP
11654	4A-3046A	MCR	0002	08/20/84	1	CRATE	7	AP
11655		MCR	0002	12/18/85	1	CRATE	7	CAP,C#79
11656		MCR	0002	12/11/85	1	CRATE	7	SHRCAP,C#57
11657	O-17243	MCR	NA	12/06/84	1	CRATE	7	SHRCAP,C#69
11658		MCR	0002	11/11/85	1	CRATE	7	CAP,C#13
11659		MCR	0002	11/27/85	1	CRATE	7	SHRCAP,C#42
11660		MCR	0002	11/27/85	1	CRATE	7	CAP,C#43
11661			0002	11/26/85	1	CRATE	7	
11662			NA	/ /	0	CRATE	7	NA
11663	C-19265	1547	0204	/ /	1	CRATE	7	NA
11664	C-21642	1792	NA	11/30/00	5	CRATE	7	
11665	C-21634	1793	0062	01/11/86	1	CRATE	7	
11666			0002	01/10/86	1	CRATE	7	
11667	LC-20942	1718	NA	05/31/00	2	CRATE	7	
11668	C-20941	1718	NA	10/29/85	2	CRATE	7	
11669	NA	NA	NA	/ /	0	CRATE	7	NA
11670	C-18081	1369	0016	06/13/85	1	CRATE	7	
11671	C-19566	1584	0001	11/04/85	1	CRATE	7	
11672	NA	NA	NA	/ /	0	CRATE	7	NA DBRS
11673	C-20659	1684	0020	10/30/85	1	CRATE	7	
11674	C-20678	1689	0001	11/14/85	1	CRATE	7	
11675			0002	/ /	1	CRATE	7	NA OD
11676	O-16020		0002	04/15/85	2	CRATE	7	OD&DIRT

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11677			NA	/ /	0	CRATE	7	NA
11678	C-3900		0006	10/31/00	1	CRATE	7	DBRS
11679	O-19247		0002	10/19/85	1	CRATE	7	
11680	M-20037	1622	0006	10/31/00	1	CRATE	7	OD&TRSH
11681	M-19780	1597	0001	10/31/00	1	CRATE	7	WD&TRSH
11682	M-20077	1622	0006	10/31/00	1	CRATE	7	OD&TRSH
11683	M-20078	1622	0006	10/31/00	1	CRATE	7	5 OD
11684	M-20056	1622	0006	10/31/00	1	CRATE	7	5 WOOD
11685			NA	/ /	0	CRATE	7	NA DBRS
11686	M-20987	1714	0004	10/31/00	1	CRATE	7	DBRS
11687	O-17991		0002	07/26/85	2	CRATE	7	5 TRSH
11688	M-20986	1714	NA	10/31/00	2	CRATE	7	DRT
11689	M-20977	1714	0004	10/31/00	1	CRATE	7	
11690	O-18297		0002	08/30/85	1	CRATE	7	5 WOOD
11691	O-18017		0002	08/13/85	1	CRATE	7	
11692	O-18648		0002	08/30/85	1	CRATE	7	
11693	O-16078	1167	0002	04/23/85	1	CRATE	7	DBRS
11694	O-16077	1167	0002	04/23/85	1	CRATE	7	DEBRS
11695	18534	MCR	NA	08/20/85	1	CRATE	7	5 DIRT
11696	M-16351	NA	0002	04/03/85	1	CRATE	8	DBRS
11697	O-15316		NA	03/10/85	1	CRATE	7	DEBRS
11698	O-16352		0002	05/01/85	1	CRATE	7	DEBRS
11699	O-16762		0002	/ /	1	CRATE	7	NA DEBRS
11700	C-21821	1811	0130	07/31/00	2	CRATE	7	
11701	O-21221	NA	0002	01/06/86	1	CRATE	7	CONTDBRS
11702	O-21226	NA	0002	01/06/86	1	CRATE	7	OD
11703	O-16627		0002	05/09/85	1	CRATE	7	85 DEBRS
11704	C-21818	1811	0130	07/31/00	1	CRATE	7	
11706	C-21817	1811	0130	07/31/00	1	CRATE	7	
11707	O-16029	1167	0002	04/15/85	1	CRATE	7	DEBRS
11708	O-17443		NA	/ /	0	CRATE	7	NA
11709	O-15768	MCR	0002	03/19/85	2	CRATE	7	TRSH
11710	O-16353		NA	05/01/85	2	CRATE	7	OD&TRSH
11711	O-16842		0002	05/16/85	1	CRATE	7	85 DEBRS
11712	O-16394		NA	05/01/85	2	CRATE	7	OD&TRSH
11713	C-21824	1811	0130	07/31/00	1	CRATE	7	
11714	O-18252	1407	0001	07/15/85	2	CRATE	7	
11715	O-20846		0002	12/19/85	1	CRATE	7	5 DEBRS
11716	O-19018		0002	10/03/85	1	CRATE	7	DRT
11717	C-20691	1704	0062	09/14/85	1	CRATE	7	
11718	O-20692	1704	0062	11/02/85	2	CRATE	7	
11719	O-20690	1704	0062	09/13/85	2	CRATE	7	
11720	O-20697	1704	0062	09/13/85	1	CRATE	7	
11721	O-20698	1704	0062	09/12/85	2	CRATE	7	
11722	O-20696	1704	0062	09/13/85	2	CRATE	7	
11723	O-20697	1704	0062	12/05/85	2	CRATE	7	

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11724	O-20695	1704	0062	10/19/85	1	CRATE	7	
11725	O-20687	1704	0062	12/05/85	1	CRATE	7	
11726	C-20685	1704	0062	10/19/85	1	CRATE	7	
11727	O-20686	1704	0062	09/12/85	2	CRATE	7	
11728	O-20689	1707	0062	10/29/85	1	CRATE	7	
11729	O-20693	1704	0062	09/19/85	2	CRATE	7	
11730	O-20683	1704	0062	10/19/85	2	CRATE	7	
11731	O-20688	1704	0062	11/02/85	2	CRATE	7	
11732	O-14025	1704	0002	10/15/85	1	CRATE	7	DRT&OD
11733	O-20684	1704	0062	12/05/85	1	CRATE	7	
11734	C-20671	1689	0001	11/18/85	1	CRATE	7	
11735	O-19570	NA	0002	10/23/85	1	CRATE	7	RS
11736	O-19017		0002	10/03/85	1	CRATE	7	5 DEBRS
11737			0002	07/22/85	1	CRATE	7	
11738	C-21819	1811	0130	07/31/00	1	CRATE	7	
11739	O-20851		0002	12/19/85	1	CRATE	7	5 CNTDBR
11740	C-21820	1811	0130	07/31/00	1	CRATE	7	
11741	O-17951		0002	07/19/85	1	CRATE	7	
11742		1811	0130	10/24/00	1	CRATE	7	
11743			0002	06/06/85	1	CRATE	7	OD
11744		1689	0001	11/14/85	1	CRATE	7	
11745	O-17558		0002	06/24/85	1	CRATE	7	CONTDBR
11746	C-20672	1689	0001	11/15/85	1	CRATE	7	
11746	TM-642	MCR		/ /	0			
11747	O-19028		0002	10/05/85	1	CRATE	7	
11748	O-19269		0002	10/23/85	1	CRATE	7	
11749			0002	/ /	1	CRATE	7	NA OD
11750			0002	/ /	1	CRATE	7	NA TRSH
11751			0002	/ /	1	CRATE	7	NA TRSH
11752			0002	/ /	1	CRATE	7	NA TRSH
11753			0002	/ /	1	CRATE	7	NA TRSH
11754	M-16167	1185	NA	/ /	0	OTHER	7	NA TRASH
11755	C-20551	1674	0136	12/01/85	1	CRATE	7	
11756			NA	/ /	0	CRATE	7	NA INSULATORS
11757	C-20550	1674	0136	12/01/85	1	CRATE	7	
11758		NA	NA	/ /	0	OTHER	7	TRASH
11759			NA	/ /	0	CRATE	7	NA INSULATORS
11760			0002	05/07/85	1	CRATE	7	TRSH
11761			NA	/ /	0	CRATE	7	NA INSULATORS
11762			0002	07/03/84	2	CRATE	2	SHRCOR
11763	CRATE 61	MCR	0002	12/13/85	1	CRATE	7	5SHRCAP,E1 232
11764	CRATE 40	MCR	0002	11/26/85	1	CRATE	9	5SHRCAP,E1 285

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11765	CRATE 62	MCR	0002	12/13/85	1	CRATE	7	P,E1234
11766	NA	MCR	0002	11/25/85	1	CRATE	9	SHRCAP
11767	CRATE 26	MCR	0002	11/14/85	1	CRATE	7	P,E1235
11768	CRATE 3	MCR	0002	11/04/85	1	CRATE	9	SHRCAP,E1283
11769	NA	MCR	NA	/ /	0	CRATE	7	NA SHRCAP,E1236
11770	CRATE 24	MCR	0002	11/13/85	1	CRATE	7	5SHRCAP,E1237
11771	CRATE 27	MCR	0002	11/14/85	1	CRATE	9	5SHRCAP,E1238
11772	CRATE 28	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1239
11773	CRATE 55	MCR	0002	12/06/85	1	CRATE	9	SHRCAP,E1240
11774	CRATE 38	MCR	0002	11/25/85	1	CRATE	9	P,E1279
11775	CRATE 11	MCR	0002	11/08/85	1	CRATE	9	SHRCAP,E1282
11776	CRATE 31	MCR	0002	11/15/85	1	CRATE	9	5SHRCAP,E1281
11777	CRATE 10	MCR	0002	11/07/85	1	CRATE	9	SHRCAP,E128
11778	CRATE 31	MCR	0002	11/26/85	1	CRATE	9	P,E1278
11779	CRATE 81	MCR	0002	12/18/85	1	CRATE	9	P,E1277
11780	CRATE 74	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1276
11781	CRATE 72	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1275
11782	CRATE 75	MCR	0002	12/17/85	1	CRATE	9	5SHRCAP,E1274
11783	CRATE 48	MCR	0002	12/04/85	1	CRATE	9	SHRCAP,E1273
11784	CRATE 50	MCR	0002	12/05/85	1	CRATE	9	SHRCAP,E1272
11785	CUT CORE 5	MCR	0002	03/11/85	1	CRATE	9	BAGS,E1271
11786	4A-15795	MCR	NA	09/04/84	1	CRATE	9	4 SHRCAP,E127
11787	CRATE 17	MCR	0002	10/11/85	1	CRATE	9	P,E1269
11788	CRATE 19	MCR	0002	10/11/85	1	CRATE	9	P,E1268
11789	CRATE 47	MCR	0002	12/03/85	1	CRATE	9	SHRCAP,E1267

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11790	CRATE 18	MCR	0002	10/11/85	1	CRATE	9	5SHRCAP,E1266
11791	CRATE 46	MCR	0002	12/03/85	1	CRATE	9	SHRCAP,E1265
11792	TC-466	MCR	NA	/ /	0	CRATE	9	NA COR ,E1264,M-2
11793	TC-498	MCR	NA	/ /	0	CRATE	9	NA COR,E1263
11794	CRATE 44	MCR	0002	12/02/85	1	CRATE	9	SHRCAP,E1262
11795	CRATE 45	MCR	0002	12/02/85	1	CRATE	9	SHRCAP,E1261
11796	CRATE 23	MCR	0002	11/13/85	1	CRATE	9	P,E1260
11797	CRATE 21	MCR	0002	11/12/85	1	CRATE	9	P,E1259
11798	CRATE 22	MCR	0002	11/12/85	1	CRATE	9	5SHRCAP,E1258
11799	CRATE 58	MCR	0002	12/12/85	1	CRATE	9	P,E1257
11800	CRATE 68	MCR	0002	12/16/85	1	CRATE	9	P,E1256
11801	CRATE 32	MCR	0002	11/15/85	1	CRATE	9	5SHRCAP,E1255
11802	CRATE 78	MCR	0002	12/18/85	1	CRATE	9	P,E1254
11803	CRATE 77	MCR	0002	12/17/85	1	CRATE	9	5SHRCAP,E1253
11804	CRATE 73	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1252
11805	CRATE 70	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1251
11806	CRATE 71	MCR	0002	/ /	1	CRATE	9	NA SHRCAP,E1250
11807	CRATE 41	MCR	0002	12/04/85	1	CRATE	9	SHRCAP,E1249
11808	4A-14565	MCR	NA	09/24/84	1	CRATE	9	
11809	4A-18153	MCR	NA	07/02/84	1	CRATE	9	4 BAGS
11810	CRATE 76	MCR	0002	12/17/85	1	CRATE	9	P,E1246
11811	CRATE 54	MCR	0002	12/06/85	1	CRATE	9	SHRCAP,E1245
11812	CRATE 53	MCR	0002	12/06/85	1	CRATE	9	SHRCAP,E1244
11813	CRATE 56	MCR	0002	12/06/85	1	CRATE	9	SHRCAP,E1243
11814	NA	NA	0002	12/05/85	1	CRATE	9	,E1242CRATE52
11815	CRATE 51	MCR	0002	12/05/85	1	CRATE	9	SHRCAP,E1241

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11816	CRATE 64	MCR	0002	12/16/85	1	CRATE	7	P,E1231
11817	CRATE 63	MCR	0002	12/13/85	1	CRATE	7	5SHRCAP,E1 230
11818	C-20676	1689	0001	11/18/85	1	CRATE	7	,E1351
11819	C-20677	1689	0001	11/15/85	1	CRATE	7	52
11820	C-2422	NA		/ /	0			E1354
11820	C-2424	NA		/ /	0			E1354
11820	C-2425	NA		/ /	0			E1354
11820	C-2426	NA		/ /	0			E1354
11820	C-2460	MCR		/ /	0			15321-8,29 314-3
11820	C-2461	MCR		/ /	0			77394-8,19 667-3,2222
11820	C-2461	NA		/ /	0			E1354
11820	C-2465	MCR	NA	/ /	0	CRATE	8	NA E1353
11820	C-2470	NA		/ /	0			E1353
11821	C-2467	NA		/ /	0			E1354
11821	C-2468	NA		/ /	0			E1354
11821	C-2471	NA		/ /	0			E1354
11821	C-2472	NA		/ /	0			E1354
11821	C-2473	NA		/ /	0			E1354
11821	C-2474	MCR	NA	/ /	0	CRATE	8	NA E1354
11822	C-14748	1011	NA	01/04/85	1	CRATE	8	,E135
11823	C-14749	1011	NA	01/08/85	1	CRATE	8	56
11824	C-15749	1141	0010	01/17/85	1	CRATE	8	,E1357
11825	4A-15853	MCR	0002	01/08/85	1	CRATE	8	,E1358
11826	M-20849	NA	0002	12/19/85	1	CRATE	8	S,E1360
11827	W-0853295	MCR	0002	01/10/86	1	CRATE	8	BAGS,E1361
11828	M-9710	MCR	0002	06/14/84	1	CRATE	8	TRSH
11828	WT-83	MCR		/ /	0			E1362
11829	CP-2371	MCR	NA	07/04/84	1	CRATE	8	BAGS,E1363
11830	4A-13579	MCR	NA	08/15/84	1	CRATE	8	4 BAGS,E1364
11831	CP-6022	MCR	NA	09/13/84	1	CRATE	7	BAGS
11832	T-17109	1269		/ /	0			E1366
11832	TMC-1194	MCR	NA	/ /	1	CRATE	8	2295,2299, TM829
11833	T-17109	1269		/ /	0			E1368
11833	TMC-1196	MCR	NA	01/31/84	1	CRATE	9	DBRS
11833	WT-140	MCR		/ /	0			E1368
11834	T-15830	MCR	NA	12/28/84	1	CRATE	9	E,E1369
11835	NA	MCR	NA	/ /	0	CRATE	8	NA SHRCAP,E13 71
11836	NA	MCR	0002	11/25/85	1	CRATE	9	AP
11837	NA	MCR	NA	/ /	0	CRATE	8	NA SHRCAP,E13 74

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11838	M-13847	927	NA	/ /	0	CRATE	1	NA COR
11839	C-13348	891		/ /	0			E385
11839	C-13398	891		/ /	0			E385
11839	C-13400	891		/ /	0			E385
11839	I-2049	MCR		/ /	0			E385
11839	I-2050	MCR	NA	/ /	0	CRATE	4	NA INSULATORS E385
11839	I-2051	MCR		/ /	0			E385
11839	I-2052	MCR		/ /	0			E385
11839	I-2053	MCR		/ /	0			E385
11839	I-2054	MCR		/ /	0			E385
11839	I-2055	MCR		/ /	0			E385
11839	I-2056	MCR		/ /	0			E385
11839	I-2057	MCR		/ /	0			E385
11839	I-2058	MCR		/ /	0			E385
11839	I-2059	MCR		/ /	0			E385
11839	I-2060	MCR		/ /	0			E385
11839	I-2061	MCR		/ /	0			E385
11839	I-2062	MCR		/ /	0			E385
11839	I-2063	MCR		/ /	0			E385
11839	I-2064	MCR		/ /	0			E385
11839	I-2069	MCR		/ /	0			E385
11839	I-2070	MCR		/ /	0			E385
11839	I-2071	MCR		/ /	0			E385
11839	I-2072	MCR		/ /	0			E385
11839	I-2073	MCR		/ /	0			E385
11839	I-2074	MCR		/ /	0			E385
11839	I-2076	MCR		/ /	0			E385
11840	NA	MCR	NA	/ /	0	CRATE	4	NA SHRCOR,E387
11841	C-12379	NA	NA	/ /	0	CRATE	4	NA LIDS & RINGS
11842	34919		NA	/ /	0	CRATE	8	NA
11842	37453			/ /	0			
11842	38353			/ /	0			
11842	38705			/ /	0			
11842	40459	2285?		/ /	0			E384
11842	40460	2286?		/ /	0			
11842	40461			/ /	0			
11842	40462			/ /	0			
11842	40463			/ /	0			
11842	40464			/ /	0			
11842	40465			/ /	0			
11842	40496			/ /	0			

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11842	40497			/ /	0			
11842	40498			/ /	0			
11842	40499			/ /	0			
11842	40500			/ /	0			
11842	40503			/ /	0			
11842	52970			/ /	0			
11843	WI-2376	MCR	NA	/ /	0	CRATE	8	NA INSULATORS ,E395
11844	2336	MCR	NA	/ /	0	CRATE	8	NA INSULATORS ,E393
11845	T-15364	1111	NA	02/12/85	2	CRATE	7	SHRCOR E300
11846	T-17591	1326	NA	05/28/85	1	CRATE	3	SHRCOR E304
11847	NA	MCR	NA	/ /	0	CRATE	4	NA INSULATORS ,E386
11848	NA	NA	NA	/ /	0	CRATE	4	NA SAW DUST,E394
11849	NA	MCR	NA	10/04/84	1	CRATE	7	SHRCOR,E33 6
11850	TM-950	MCR	NA	/ /	0	CRATE	10	NA SCRP METAL
11851	NA	MCR	NA	/ /	0	CRATE	10	NA SCRP METAL
11852	NA	MCR	NA	/ /	0	CRATE	10	NA SCRP METAL
11853	TM-591	MCR		/ /	0			NA
11853	TM-988	MCR	NA	/ /	0	CRATE	10	NA SCRP METAL
11854	T-12843	853	NA	09/30/00	1	CRATE	10	SCRPMTL
11855	T-12843	853		/ /	0			
11855	TM-877	MCR	NA	10/04/00	1	CRATE	10	SCRPMTL
11855	WI-84	MCR		/ /	0			
11856	T-13835	927	NA	09/30/00	1	CRATE	10	SCRPMTL
11857	T-12843	853		/ /	0			
11857	TM-591	MCR	NA	09/30/00	1	CRATE	10	SCRPMTL
11858	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11859	TM-748	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11860	TM-???	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11861	M-568	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11862	T-13835	927	NA	09/30/00	1	CRATE	10	SCRPMTL
11862	WI-43	MCR		/ /	0			
11863	TM-735	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11864	TM-673	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11865	TM-182	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11866	TM-654	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11867	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11868	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11869	TM-524	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11870	NA	MCR	NA	/ /	0	CRATE	5	NA INSULATORS ,E382
11871	T-15350	1110		/ /	0			
11871	TM-1045	MCR	NA	12/02/84	1	CRATE	10	SCRPMTL
11872	NA	1316?	NA	/ /	0	CRATE	10	NA SCRPMTL
11873	TM-1049	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11874	TM-222	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11875	TM-1050	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11876	TM-798?	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11877	TM-914	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11878	TM-616	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11879	TM-822	MCR	NA	02/13/85	1	CRATE	10	SCRPMTL
11879	WI-83	MCR		/ /	0			
11880	CRATE 1-A	MCR		/ /	0			NA
11880	TM-1045	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11880	TM-520	MCR		/ /	0			
11881	CAPS-1104?	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11882	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11883	NA	NA	NA	/ /	0	CRATE	1	NA 23CAPS
11884	NA	NA	NA	/ /	0	CRATE	1	NA 33CAPS
11885	TM-576	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11886	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11887	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11888	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11889	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11890	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11891	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11892	TM-495	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11893	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11894	TM-100	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11895	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11896	NA(770?)	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11897	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11898	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11899	TM-535	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11900			NA	/ /	0	CRATE	10	NA SCRPMTL
11901	TM-828	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11902	WT-2041	MCR		/ /	0			NA
11902	WT-967	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11903	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11904	CT-785	MCR		/ /	0			NA
11904	TM-315	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11905	TM-582	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11906	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11907	0699?			/ /	0			
11907	CM-047	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11908	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11909	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11910	T-13835	927	NA	/ /	0	CRATE	10	NA SCRPMTL
11911	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11912	TM-698	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11913	T-95927	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11914	T-12843	853	NA	/ /	0	CRATE	10	NA SCRPMTL
11915	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11916	NA	NA	NA	/ /	0	CRATE	10	THT
11917	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11918	TM-167A	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11919	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11920	TM-816	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11921	TM-216	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11922	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11923	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11924	CRATE 7A	MCR		/ /	0			
11924	T-11602	755		/ /	0			
11924	TM-1051	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11925	T-13835	927		/ /	0			NA
11925	TM-104	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11925	WI-120	MCR		/ /	0			
11926	TM-710	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11927	TM-934	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11928	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11929	TM-456	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11930	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11931	TM-850	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11932	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11933	TM-918	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11934	TM-624	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11935	TM-1077	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11936	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11937			NA	/ /	0	CRATE	10	NA SCRPMTL
11938	TM-219	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11939	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11940			NA	/ /	0	CRATE	10	NA SCRPMTL
11941	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11942	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11943	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11944	TM-587	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11945	TM-423	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11946	TM-642	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11947	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11948	TM-781	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11949	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11950	TM-246	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11951	TM-634	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11952	TM-824	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11953	TC-295	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11954	TM-783	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11955	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11956	T-15351	1110		/ /	0			
11956	TM-994	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11956	WI-113	MCR		/ /	0			
11957	T-15350	1010		/ /	0			
11957	TM-591	MCR		/ /	0			
11957	TM-819	MCR		/ /	0			
11957	TM-891	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11957	WT-91	MCR		/ /	0			
11958	TM-697	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11959	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11960	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11961	TM-187	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11962	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11963	TM-644	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11964	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11965	TM-410	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11966	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11967	T-15412	1119		/ /	0			
11967	TM-406	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11968	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11969	TM-777	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11970	TM-566	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11971	TM-338	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11972	TM-714	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11973			NA	/ /	0	CRATE	10	NA SCRPMTL
11974	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11975	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11976	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11977	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11978	TM-104	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11979	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11980	TM-461	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11981	TM-59	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
11982	TM-525	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11983	T-14847	1010		/ /	0			NA
11983	TM-56	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11983	WI-64	MCR		/ /	0			MCR
11984	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11985	TM-570	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11986	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11987	T-12843	853		/ /	0			NA
11987	TM-1041	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11987	WI86	MCR		/ /	0			
11988	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11989	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11990	NA	MCR	NA	/ /	0	CRATE	10	NA SCRPMTL
11991			NA	/ /	0	OTHER		VERSON PUNCH PR
11992			NA	/ /	0	OTHER		CINCI.PRES S BRK
11993	T-15577	1128	NA	01/25/85	1	CRATE	7	TRSH
11994			NA	/ /	0	CRATE	7	NA TRSH
11995			NA	/ /	0	CRATE	7	NA TRSH
11996	O-15017	1638	NA	/ /	0	CRATE	7	NA TRSH
11997			NA	/ /	0	CRATE	7	NA TRSH
11998			NA	/ /	0	CRATE	7	NA TRSH
11999			NA	/ /	0	CRATE	7	NA TRSH
12000	M-21494	1775	NA	/ /	0	CRATE	7	NA TRSH
12001			NA	/ /	0	CRATE	7	NA TRSH
12002	T-11919	783		10/08/84	0			
12002	T-17471	1306	0002	09/17/84	0	TRANSFORM.	1	
12003	T-18570	1446	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12004	T-11510	743	0002	/ /	0	TRANSFORM.	1	INSIDES 7/31/84
12004	T-14329	975		02/22/01	0			17
12005	O-20632	1680	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12005	T-18134	1399		11/06/84	0			
12005	T-18135	1399		11/06/84	0			
12005	T-18136	1399		11/06/84	0			SKID #18
12006	OT-14063	952		/ /	0			
12006	T-15006	1018	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12007	T-14660	980	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12008	T-14989	1022	0002	01/03/85	0	TRANSFORM.	1	INSIDES
12008	T-17993	1364		06/11/85	0			SKID #1 TSI
12008	T-18304	1431		07/25/85	0			T.S.I.

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12009	T-16020	1162	0002	04/02/85	0	TRANSFORM.	1	INSIDES
12009	T-16080	1187		04/01/85	0			SKID #9
12009	T-17992	1364		05/20/85	0			
12010	T-15013	1037		12/04/84	0			
12010	T-15577	1128		/ /	0			
12010	T-17525	1313		08/26/84	0			
12010	T-17990	1321	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12011	NA	1431		07/23/85	0			
12011	T-15741	1151		/ /	0			SKID #4 3/20/85
12011	T-18571	1446	0002	03/07/85	0	TRANSFORM.	1	INSIDES
12012	T-15712	1151	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12012	T-15725	1140		03/26/85	0			
12012	T-17512	1313		08/26/85	0			SKID #2
12013	T-17825	1337		07/02/85	0			SKID #3
12013	T-18312	1431	0002	07/22/85	0	TRANSFORM.	1	INSIDES
12013	T-18312	1431		07/22/85	0			
12014	T-17706	1345	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12014	T-18016	1364		07/01/85	0			
12015	T-17702	1345	0002	06/27/85	0	TRANSFORM.	1	
12015	T-17703	1345		06/27/85	0			SKID #6
12015	T-17704	1345		06/27/85	0			
12015	T-17705	1345		06/26/85	0			
12016	215004	NA		02/04/85	0			
12016	T-15723	1140	0002	03/26/85	0	TRANSFORM.	1	INSIDES
12016	T-16016	1162		/ /	0			SKID #7 4/5/85
12017	T-12501	810	0002	/ /	0	TRANSFORM.	1	NA INSIDES
12017	T-12956	855		10/19/84	0			
12018	NA	MCR	0002	/ /	0	TRANSFORM.	3	NA INSIDES
12019	NA	995	0002	/ /	0	TRANSFORM.	2	NA INSIDES
12020	T-16647	1222	0002	/ /	0	TRANSFORM.	3	TRANSFINSI DES
12021	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12022	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12023	I-54	MCR		/ /	0			
12023	T-16071	1431	0002	/ /	0	TRANSFORM.	8	INSIDE
12024	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12025	I-53	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12026	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12027	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12028	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12029	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12030	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12031	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 3 PARTS
12032	NA	MCR	0002	/ /	0	TRANSFORM.	8	T PARTS
12033	NA	MCR	0002	/ /	0	TRANSFORM.	8	NA SW BOX
12034	NA	MCR	0002	/ /	0	TRANSFORM.	8	T FINS
12035	2105	MCR	0002	/ /	0	TRANSFORM.	8	T FINS
12036	I-62	MCR		/ /	0			
12036	T-18311	1431	0002	07/23/85	1	TRANSFORM.	8	INSIDE
12037	NA	MCR	0002	/ /	0	TRANSFORM.	8	T FINS
12038	1430	MCR	0002	/ /	0	TRANSFORM.	8	T FINS
12039	T-17824	1337	0002	/ /	0	TRANSFORM.	8	T FINS
12040	1443	MCR	0002	/ /	0	TRANSFORM.	8	T FINS
12041	NA	MCR	0002	/ /	0	TRANSFORM.	8	T PARTS
12042	T-15023	1038	0002	/ /	0	TRANSFORM.	8	INSIDE
12043	T-17824	1337	0002	06/28/85	1	TRANSFORM.	8	INSIDE
12044	T-18312	1431	0002	07/12/85	1	TRANSFORM.	8	T PART
12045	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 2 PARTS
12046	I-24	MCR	0002	/ /	0	TRANSFORM.	8	TRANSF INSIDES
12047	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12048	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 5 PARTS
12049	I-27	MCR		/ /	0			
12049	T-15580	1128	0002	01/21/85	1	TRANSFORM.	8	INSIDE
12049	WT-3900	MCR		/ /	0			
12050	T-15582	1128	0002	01/21/85	1	TRANSFORM.	4	INSIDES
12051	T-14847	1010	0002	01/07/85	1	TRANSFORM.	4	INSIDE
12052	I-30	MCR		/ /	0			
12052	T-15412	1119	0002	02/13/85	1	TRANSFORM.	8	T PART
12053	I-31	MCR		/ /	0			
12053	T-17129	1268	0002	/ /	0	TRANSFORM.	8	INSIDE
12054	T-1711	NA	0002	/ /	1	TRANSFORM.	8	INSIDE
12055	I-33	MCR		/ /	0			
12055	T-17114	1269	0002	/ /	1	TRANSFORM.	8	INSIDE
12056	NA	1125	0002	03/12/85	1	TRANSFORM.	4	INSIDE
12056	T-15265	1128		/ /	0			
12057	T-15410	1119	0002	02/13/85	1	TRANSFORM.	8	INSIDE
12058	I-36	MCR		/ /	0			
12058	T-15411	1119	0002	02/13/85	1	TRANSFORM.	8	INSIDE
12059	I-37	MCR		/ /	0			
12059	T-15309	1128	NA	03/12/85	1	TRANSFORM.	8	INSIDE

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12060	I-38	MCR		/ /	0			
12060	T-14651	MCR	NA	/ /	1	TRANSFORM.	8	INSIDE
12061	I-39	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12062	I-40	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12063	I-41	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE
12064	I-42	MCR		/ /	0			
12064	T-12843	853	NA	/ /	1	TRANSFORM.	8	10-84 INSIDE
12065	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 2 PARTS
12066	I-44	MCR	0002	/ /	0	TRANSFORM.	8	T PARTS
12067	1135	NA		/ /	0			
12067	6500	NA		/ /	0			
12067	I-45	MCR		/ /	0			
12067	T-15362	1111	NA	03/12/85	1	TRANSFORM.	8	INSIDE
12068	I-46	MCR		/ /	0			
12068	T-15354	1110	NA	03/12/85	1	TRANSFORM.	8	INSIDE
12069	NA	MCR	NA	08/26/85	1	TRANSFORM.	8	INSIDE
12070	NA	1690	0015	/ /	1	DRUM	6	NA
12071	NA	1690	0015	/ /	1	DRUM	6	NA
12072	O-20557	1690	0015	/ /	1	DRUM	6	NA
12073	O-20554	1690	0015	/ /	1	DRUM	6	NA
12074	O-20472	1678	0004	/ /	1	DRUM	6	NA
12075	O-20471	1678	0004	/ /	1	DRUM	6	NA
12076			0004	/ /	1	DRUM	6	NA
12077	O-20474	1678	0004	/ /	1	DRUM	6	NA
12078	O-20450	NA	0002	/ /	1	DRUM	6	NA
12079	O-20449	NA	0002	/ /	1	DRUM	6	NA
12080			0002	/ /	1	DRUM	6	NA
12081	O-20447	NA	0002	/ /	1	DRUM	6	NA
12082	O-20629	1680	0005	/ /	1	DRUM	7	NA
12083	O-20631	1680	0005	/ /	1	DRUM	7	NA
12084	NA	1780	0005	/ /	1	DRUM	7	NA
12085	NA	1680	0005	/ /	1	DRUM	7	NA
12086	O-20651	1683	0019	/ /	1	DRUM	7	NA
12087	O-20655	1683	0019	/ /	1	DRUM	7	NA
12088	O-20653	1683	0019	/ /	1	DRUM	7	NA
12089	O-20654	1683	0019	/ /	1	DRUM	7	NA
12090	O-20652	1683	0019	/ /	1	DRUM	7	NA
12091	O-19769	1594	0001	/ /	1	DRUM	6	NA
12092			0001	/ /	1	DRUM	6	NA
12093	O-19771	1594	0001	/ /	1	DRUM	6	NA
12094	O-19770	1594	0001	/ /	1	DRUM	6	NA
12095	O-20679	NA	0002	/ /	1	DRUM	6	NA
12096	O-20682	NA	0002	/ /	1	DRUM	6	NA
12097	O-20680	NA	0002	/ /	1	DRUM	6	NA

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12098	O-20681	NA	0002	/ /	1	DRUM	6	NA
12099	O-20194	1645	0003	/ /	1	DRUM	7	NA
12100	O-20193	1645	0003	/ /	1	DRUM	7	NA
12101	O-19923	1603	0004	/ /	1	DRUM	7	NA
12102	O-20195	1645	0002	/ /	1	DRUM	7	NA
12103	O-19874	NA	0002	/ /	1	DRUM	7	NA
12104	O-19873	NA	0002	/ /	1	DRUM	7	NA
12105	O-19875	NA	0002	/ /	1	DRUM	7	NA
12106	O-19872	NA	0002	/ /	1	DRUM	7	NA
12107	O-20512	1678	0004	/ /	1	DRUM	6	NA
12108	O-20513	1678	0004	/ /	1	DRUM	6	NA
12109	O-20511	1678	0004	/ /	1	DRUM	6	NA
12110	O-20514	1678	0004	/ /	1	DRUM	6	NA
12111	O-20508	1678	0004	/ /	1	DRUM	6	NA
12112	O-20509	1678	0004	/ /	1	DRUM	6	NA
12112	O-20510	1678		/ /	0		0	
12113	O-20510	1678	0004	/ /	1	DRUM	6	NA
12114	O-20507	1678	0004	/ /	1	DRUM	6	NA
12115	O-20517	1678	0004	/ /	1	DRUM	6	NA
12116	O-20516	1678	0004	/ /	1	DRUM	6	NA
12117	O-20518	1678	0004	/ /	1	DRUM	6	NA
12118	O-20515	1678	0004	/ /	1	DRUM	6	NA
12119	O-20475	1678	0004	/ /	1	DRUM	7	NA
12120	O-20476	1678	0004	/ /	1	DRUM	7	NA
12121	O-20478	1678	0004	/ /	1	DRUM	7	NA
12122	O-20477	1678	0004	/ /	1	DRUM	7	NA
12123	NA	1680	0005	/ /	1	DRUM	6	NA
12124	O-20612	1680	0005	/ /	1	DRUM	6	NA
12125	O-20629	1680	0005	/ /	1	DRUM	6	NA
12126	O-20611	1680	NA	/ /	1	DRUM	6	NA
12127	NA	1680	0005	/ /	1	DRUM	6	NA
12128	O-20606	1680	0005	/ /	1	DRUM	6	NA
12129	O-20607	1680	0005	/ /	1	DRUM	6	NA
12130	O-20605	1680	NA	/ /	1	DRUM	6	NA
12131	O-20604	1680	0005	/ /	1	DRUM	7	NA
12132	O-20602	1680	0005	/ /	1	DRUM	7	NA
12133	O-20601	1680	0005	/ /	1	DRUM	7	NA
12134	O-20603	1680	0005	/ /	1	DRUM	7	NA
12135	O-20625	1680	0005	/ /	1	DRUM	6	NA
12137	O-21628	1680	0005	/ /	1	DRUM	7	NA
12138	O-20627	1680	0005	/ /	1	DRUM	6	NA
12139	O-20537	1678	0004	/ /	1	DRUM	6	NA
12140	O-20536	1678	0004	/ /	1	DRUM	6	NA
12141	O-20538	1678	0004	/ /	1	DRUM	6	NA
12142	O-20539	1678	0004	/ /	1	DRUM	6	NA
12143	O-20598	1680	0005	/ /	1	DRUM	6	NA

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12144	O-20599	1680	0005	/ /	1	DRUM	6	NA
12145	O-20597	1680	0005	/ /	1	DRUM	6	NA
12146	O-2060?	1680	0005	/ /	1	DRUM	6	NA
12147	O-20594	1680	0005	/ /	1	DRUM	6	NA
12148	O-20596	1680	0005	/ /	1	DRUM	6	NA
12149	O-20595	1680	0005	/ /	1	DRUM	6	NA
12150	O-20593	1680	0005	/ /	1	DRUM	6	NA
12151	O-20479	1678	0004	/ /	1	DRUM	7	NA
12152	O-20480	1678	0004	/ /	1	DRUM	7	NA
12153	O-20482	1678	0004	/ /	1	DRUM	7	NA
12154	O-20481	1678	0004	/ /	1	DRUM	7	NA
12155	O-20483	1678	0004	/ /	1	DRUM	7	NA
12156	O-20484	1678	0004	/ /	1	DRUM	7	NA
12157	O-20486	1678	0004	/ /	1	DRUM	7	NA
12158	O-20485	1678	0004	/ /	1	DRUM	7	NA
12159	O-20988?	1678	0004	/ /	1	DRUM	7	NA
12160	O-20489	1678	0004	/ /	1	DRUM	7	NA
12161	O-20487	1678	0004	/ /	1	DRUM	7	NA
12162	O-20490	1678	0004	/ /	1	DRUM	7	NA
12163	O-20493	1678	0004	/ /	1	DRUM	7	NA
12164	O-20492	1678	0004	/ /	1	DRUM	7	NA
12165	O-20491	1678	0004	/ /	1	DRUM	7	NA
12166	O-20494	1678	0004	/ /	1	DRUM	7	NA
12167	O-20496	1678	0004	/ /	1	DRUM	7	NA
12168	O-20497	1678	0004	/ /	1	DRUM	7	NA
12169	O-20495	1678	0004	/ /	1	DRUM	7	NA
12170	O-20498	1678	0004	/ /	1	DRUM	7	NA
12171	O-20999	1678	0004	/ /	1	DRUM	7	NA
12172	O-20500	1678	0004	/ /	1	DRUM	7	NA
12173	O-20501	1678	0004	/ /	1	DRUM	7	NA
12174	O-20562	1678	0004	/ /	1	DRUM	7	NA
12175	O-20504	1678	0004	/ /	1	DRUM	7	NA
12176	O-20506	1678	0004	/ /	1	DRUM	7	NA
12177	O-20503	1678	0004	/ /	1	DRUM	7	NA
12178	O-20505	1678	0004	/ /	1	DRUM	7	NA
12179	NA	1226	0021	/ /	1	DRUM	6	2-CAP.S
12180	LC-16671	1226	0021	/ /	1	DRUM	6	2CAPS
12181	NA	1226	0021	/ /	1	DRUM	6	12179
12182	C-16673	1226	0021	/ /	1	DRUM	7	1CAP
12183	NA	19787	NA	/ /	1	DRUM	6	1CAP
12184	NA	1110	0021	02/01/85	1	DRUM	6	-FILT
12185	M-21790	NA	0021	/ /	1	DRUM	6	FLTR
12186	OT-20459	1660	NA	/ /	1	DRUM	7	NA
12187	OT-20459	1660	NA	/ /	1	DRUM	7	NA
12188	OT-18654	1479	NA	/ /	1	DRUM	7	NA
12189	OT-8654	NA	NA	/ /	1	DRUM	7	NA

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12190	OT-12664	819	NA	/ /	1	DRUM	7	NA
12191	NA	NA	NA	/ /	1	DRUM	7	EMPTY
12192	12842	NA	NA	/ /	1	DRUM	7	OILDRY
12193	OT-21353	1765	NA	/ /	1	DRUM	7	NA
12194	NA	NA	0004	/ /	1	DRUM	7	EMPTY
12195	NA	NA	NA	/ /	0	DRUM	7	EMPTY
12196	NA	NA	NA	/ /	0	DRUM	7	EMPTY
12197	NA	NA	NA	/ /	0	DRUM	7	EMPTY
12198	NA	NA	NA	/ /	1	DRUM	7	NA
12199	NA	NA	NA	/ /	0	DRUM	7	NA
12200	NA	MCR	0023	/ /	1	DRUM	6	NA
12201	OT-18185	1390	NA	/ /	1	DRUM	7	NA
12202	O-20614	1680	0005	/ /	1	DRUM	7	NA
12203	O-20616	1680	0005	/ /	1	DRUM	7	NA
12204	NA	NA	0005	/ /	1	DRUM	7	NA
12205	O-21610	1680	0005	/ /	1	DRUM	7	NA
12206	O-20620	1680	0005	/ /	1	DRUM	7	NA
12207	O-21618	1680	0005	/ /	1	DRUM	7	NA
12208	O-20649	1680	0005	/ /	1	DRUM	7	NA
12209	O-20617	1680	0005	/ /	1	DRUM	7	NA
12210	O-20623	1680	0005	/ /	1	DRUM	7	NA
12211	O-20622	1680	0005	/ /	1	DRUM	7	NA
12212	O-20626	1680	0005	10/14/85	1	DRUM	7	
12213	O-20601	1680	0005	/ /	1	DRUM	7	NA
12214	LC-18535	1434	0019	08/06/85	1	DRUM	6	
12215	C-18510	1434	0019	08/06/85	1	DRUM	6	
12216	O-18495	1436	0019	08/06/85	1	DRUM	7	
12217	O-18496	1436	0019	08/06/85	1	DRUM	7	
12218	NA	NA	0002	/ /	1	DRUM	7	09.08.85, WATER
12219	NA	NA	NA	/ /	1	DRUM	7	09.08.85, WATER
12220	NA	NA	NA	/ /	1	DRUM	7	09.08.85, WATER
12221	NA	NA	NA	/ /	1	DRUM	7	09.08.85, WATER
12222	NA	MCR	0002	09/08/85	1	DRUM	6	PST#2
12223	NA	MCR	0002	09/08/85	1	DRUM	6	PST#2
12224	NA	MCR	0002	09/08/85	1	DRUM	6	PST#2
12225	NA	MCR	0002	09/08/85	1	DRUM	6	PST#2
12226	O-19759	1594	0001	10/21/85	1	DRUM	7	
12227	O-19761	1594	0001	10/31/85	1	DRUM	7	
12228	O-19760	1594	0001	10/21/85	1	DRUM	7	
12229	O-19760	1594	0001	10/04/85	1	DRUM	7	
12230	O-19922	1621	0028	08/01/85	1	DRUM	6	
12231	LC-18529	1438	0029	/ /	1	DRUM	6	2CAPS

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12232	O-19200	NA	0002	/ /	1	DRUM	6	NA
12233	?070	NA	0002	02/03/85	1	DRUM	7	
12234	NA	NA	NA	/ /	1	DRUM	6	NA
12235	NA	NA	NA	/ /	1	DRUM	6	NA
12236	NA	NA	NA	/ /	1	DRUM	6	NA
12237	NA	NA	NA	/ /	1	DRUM	6	NA
12238		NA	NA	/ /	0	DRUM	7	TRASH
12239	NA	NA	NA	/ /	1	DRUM	7	NA
12240	O-19748	1594	0001	/ /	1	DRUM	7	NA
12241	NA	NA	NA	/ /	1	DRUM	6	NA
12242	NA	NA	NA	/ /	1	DRUM	6	NA
12243	NA	NA	NA	/ /	1	DRUM	6	NA
12244	NA	NA	NA	/ /	1	DRUM	6	NA
12245	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
12246	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
12247	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
12248	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
12249	O-12555	814	0025	/ /	1	DRUM	6	NA
12250	O-14322	960	0007	/ /	1	DRUM	6	NA
12251	O-21169	1724	0001	/ /	1	DRUM	6	NA
12253	O-16379	1205	0017	01/07/85	1	DRUM	7	
12254	O-16380	1205	NA	01/07/85	1	DRUM	7	
12255	O-16381	1205	NA	01/07/85	1	DRUM	7	
12256	O-16377	1205	0017	02/12/86	1	DRUM	7	
12257	O-16384	1205	0017	02/12/86	1	DRUM	7	
12258	O-16378	1205	0017	02/12/86	1	DRUM	7	
12259	O-21664	NA	0002	02/12/86	1	DRUM	7	
12260	O-16374	1205	0017	09/30/85	1	DRUM	7	
12261	O-16375	1205	0017	09/30/85	1	DRUM	7	
12262	O-16375	1205	0017	09/30/85	1	DRUM	7	
12263	O-16376	1205	0017	09/30/85	1	DRUM	7	
12264	NA	1205	0017	04/30/85	1	DRUM	7	
12265	O-16369	1205	0017	04/30/85	1	DRUM	7	
12266	O-16371	1205	0017	04/30/85	1	DRUM	7	
12267	O-16372	1205	0017	04/30/85	1	DRUM	7	
12268	O-16366	1205	0017	04/30/85	1	DRUM	7	
12269	NA	1205	0017	04/30/85	1	DRUM	7	
12270	O-16367	1205	0017	04/30/85	1	DRUM	7	
12271	M-20984	1714	0004	11/14/85	1	DRUM	8	.SOIL
12272	M-20987	1714	0004	11/14/85	1	DRUM	8	.SOIL
12273	M-20985	1714	0004	11/14/85	1	DRUM	8	.SOIL
12274	M-20986	1714	0004	11/14/85	1	DRUM	8	.SOIL
12275	M-20956	1714	0004	/ /	1	DRUM	7	NA
12276	M-20957	1714	0004	/ /	1	DRUM	7	NA
12277	M-20959	1714	0004	/ /	1	DRUM	7	NA
12278	M-20958	1714	0004	/ /	1	DRUM	7	NA

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12279	M-21153	1705	0004	/ /	1	DRUM	7	NA
12280		1705	0004	/ /	1	DRUM	7	NA
12281	M-21154	1705	0004	/ /	1	DRUM	7	NA
12282	M-21156	1705	0004	/ /	1	DRUM	7	NA
12283	M-21015	1714	0004	/ /	1	DRUM	7	NA
12284	M-21014	1714	0004	/ /	1	DRUM	7	NA
12285	M-21013	1714	0004	/ /	1	DRUM	7	NA
12286	M-21012	1714	0004	/ /	1	DRUM	7	NA
12287	M-20977	1714	0004	/ /	1	DRUM	7	NA
12288	M-20979	1714	0004	/ /	1	DRUM	7	NA
12289	M-20978	1714	0004	/ /	1	DRUM	7	NA
12290	M-20976	1714	0004	/ /	1	DRUM	7	NA
12291	M-20981	1714	0004	/ /	1	DRUM	7	NA
12292	M-20983	1714	0004	/ /	1	DRUM	7	NA
12293	M-20980	1714	0004	/ /	1	DRUM	7	NA
12294	M-20982	1714	0004	/ /	1	DRUM	7	NA
12295	M-20969	1714	0004	/ /	1	DRUM	7	NA
12296	M-20971	1714	0004	/ /	1	DRUM	7	NA
12297	M-20968	1714	0004	/ /	1	DRUM	7	NA
12298	M-20970	1714	0004	/ /	1	DRUM	7	NA
12299	M-20972	1714	0004	/ /	1	DRUM	7	NA
12300	M-20974	1714	0004	/ /	1	DRUM	7	NA
12301	M-20975	1714	0004	/ /	1	DRUM	7	NA
12302	M-20973	1714	0004	/ /	1	DRUM	7	NA
12303	M-20977	1714	0004	/ /	1	DRUM	7	NA
12304	M-20999	1714	0004	/ /	1	DRUM	7	NA
12305	M-21116	1705	0004	/ /	1	DRUM	7	NA
12306	M-20998	1714	0004	/ /	1	DRUM	7	NA
12307	M-17629	1330	0019	/ /	1	DRUM	7	NA
12308	M-17630	1330	0019	/ /	1	DRUM	7	NA
12309	M-17628	1330	0019	/ /	1	DRUM	7	NA
12310	M-17631	1330	0019	/ /	1	DRUM	7	NA
12311	M-18758	1487	0006	/ /	1	DRUM	6	NA
12312	M-18743	1487	0006	/ /	1	DRUM	6	NA
12313	NA	NA	0004	/ /	1	DRUM	6	NA
12314	M-18757	1487	0006	/ /	1	DRUM	6	NA
12315	M-20992	1714	0004	/ /	1	DRUM	7	NA
12316	M-20994	1714	0004	/ /	1	DRUM	7	NA
12317	M-20993	1714	0004	/ /	1	DRUM	7	NA
12318	M-20995	1714	0004	/ /	1	DRUM	7	NA
12319	M-20991	1714	0004	/ /	1	DRUM	7	NA
12320	M-20988	1714	0004	/ /	1	DRUM	7	NA
12321	M-20989	1714	0004	/ /	1	DRUM	7	NA
12322	M-20990	1714	0004	/ /	1	DRUM	6	NA
12323	17653	1225	0004	06/25/85	1	DRUM	7	
12324	M-17652	1325	0004	06/25/85	1	DRUM	7	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12325	M-17654	1325	0004	05/22/85	1	DRUM	7	
12326	NA	1325	0004	06/25/85	1	DRUM	7	
12327	M-17393	1278	0030	04/12/85	1	DRUM	7	
12328	M-17236	1274	0016	04/18/85	1	DRUM	7	
12329	M-17232	1274	0016	04/19/85	1	DRUM	7	
12330	M-17235	1274	0016	04/11/85	1	DRUM	7	
12331	M-17679	1325	0004	05/31/85	1	DRUM	7	
12332	M-17677	1325	0004	05/31/85	1	DRUM	7	
12333	M-17676	1325	0004	06/25/85	1	DRUM	7	
12334	NA	1325	0004	05/31/85	1	DRUM	7	
12335	M-21605	1781	0004	11/14/85	1	DRUM	7	
12336	M-21602	1781	0004	11/04/85	1	DRUM	7	
12337	M-21603	1781	0004	11/07/85	1	DRUM	7	
12338	M-21604	1781	0004	11/07/85	1	DRUM	7	
12339	M-17675	1325	0004	06/25/85	1	DRUM	7	
12340	M-17674	1325	0004	06/25/85	1	DRUM	7	
12341	M-17673	1325	0004	06/25/85	1	DRUM	7	
12342	M-17672	1325	0004	06/25/85	1	DRUM	7	
12343	M-20922	1708	0032	12/17/85	1	DRUM	8	
12344	M-20872	1707	0002	12/17/85	1	DRUM	8	
12345	20397	MCR	0002	12/06/85	1	DRUM	8	
12345	T-12346	1778		/ /	0		3	TOO HEAVY
12346	M-20936	1710	0034	12/17/85	1	DRUM	8	
12347	CP-2611	MCR	0002	05/20/85	1	DRUM	6	
12348	CP-2608	MCR	0002	05/20/85	1	DRUM	6	
12349	CP-2609	MCR	0002	05/20/85	1	DRUM	6	
12350	CP-2610	MCR	0002	05/20/85	1	DRUM	6	
12351	21223D	NA	0002	01/06/86	1	DRUM	7	
12352	21223E	NA	0002	01/06/86	1	DRUM	7	
12353	21223H	NA	0002	01/06/86	1	DRUM	7	
12354	21223F	NA	0002	01/06/86	1	DRUM	7	
12355	M-17617	1330	0007	06/25/85	1	DRUM	7	.SOIL
12356	M-18223	1400	0001	06/13/85	1	DRUM	7	.SAM JR
12357	M-17622	1330	0007	06/25/85	1	DRUM	7	.SOIL
12358	NA	NA	0007	06/25/85	1	DRUM	7	-SOIL
12359	SEPCO?	MCR	0004	06/25/85	1	DRUM	7	.SOIL
12360	SEPCO?	MCR	0004	06/25/85	1	DRUM	7	-SOIL
12361	M-17669	1325	0004	06/25/85	1	DRUM	7	.SOIL
12362	M-17661	1325	0004	06/25/85	1	DRUM	7	.SOIL
12363	M-21465	1772	0001	01/23/86	1	DRUM	8	.SOIL
12364	M-21408	1772	0001	01/23/86	1	DRUM	8	.SOIL
12365	M-21406	1772	0001	07/23/86	1	DRUM	8	.SOIL
12366	M-21407	1772	0001	01/23/86	1	DRUM	8	.SOIL
12367	21223-C	MCR	0002	01/06/86	1	DRUM	7	6.SOIL
12368	21223-A	MCR	0002	01/06/86	1	DRUM	7	6.SOIL
12369	21223-B	MCR	0002	01/06/86	1	DRUM	7	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12370	21223G	NA	0002	01/06/86	1	DRUM	7	.SOIL
12371	M-20952	1714	0004	11/14/85	1	DRUM	7	.SOIL
12372	M-20954	1714	0004	11/14/85	1	DRUM	7	-SOIL
12373	M-20955	1714	0004	11/14/85	1	DRUM	7	.SOIL
12374	M-20953	1714	0004	11/14/85	1	DRUM	7	.SOIL
12375	M-21001	1714	0004	11/14/85	1	DRUM	7	.SOIL
12376	M-21002	1714	0004	11/14/85	1	DRUM	7	.SOIL
12377	M-21003	1714	0004	11/14/85	1	DRUM	7	.SOIL
12378	M-21000	1714	0004	11/14/85	1	DRUM	7	.SOIL
12379	M-21020	1714	0004	11/14/85	1	DRUM	7	.SOIL
12380	M-21021	1714	0004	11/14/85	1	DRUM	7	.SOIL
12381	M-21023	1714	0004	11/14/85	1	DRUM	7	.SOIL
12382	O-16368	1205	0017	04/30/85	1	DRUM	7	
12383	O-16360	1205	0017	04/30/85	1	DRUM	7	
12384	O-16357	1205	0017	04/30/85	1	DRUM	7	
12385	O-16359	1205	0017	/ /	1	DRUM	7	NA
12386	O-16382	1205	0017	04/30/85	1	DRUM	7	
12387	O-16361	1205	0017	04/30/85	1	DRUM	7	
12388	O-16363	1205	0017	04/30/85	1	DRUM	7	
12389	O-16364	1205	0017	04/30/85	1	DRUM	7	
12390	O-18532	1439	0033	/ /	1	DRUM	7	NA
12391	LC-21555	1783	0014	/ /	1	DRUM	6	3CAPS
12392	O-3229	151	0025	/ /	1	DRUM	7	NEEDS..OP
12393	O-18531	1439	0033	/ /	1	DRUM	7	NA
12394	O-21349	MCR	0002	/ /	1	DRUM	7	NA, MCROSE
12395	O-21350	MCR	0002	/ /	1	DRUM	7	NA, MCROSE
12396	O-21351	MCR	0002	/ /	1	DRUM	7	NA, MCROSE
12397	O-21352	MCR	0002	/ /	1	DRUM	7	NA, ROSE CLIENTS
12398	O-18473	1436	0019	08/06/85	1	DRUM	7	
12399	O-18470	1436	0019	08/06/85	1	DRUM	7	
12400	O-18472	1436	0019	08/06/85	1	DRUM	7	
12401	O-18471	1436	0019	08/06/85	1	DRUM	7	
12402	O-15077	1062	0035	02/20/85	1	DRUM	7	
12403	O-16076	1062	0035	02/15/85	1	DRUM	7	
12404	O-10602	1062	0035	02/18/85	1	DRUM	7	
12405	O-15072	1062	0035	02/15/85	1	DRUM	7	
12406	O-16501	1216	0035	03/30/85	1	DRUM	7	
12407	O-16487	1216		/ /	0			
12407	O-16500	1216	0035	03/30/85	1	DRUM	7	
12408	O-16487	1216	0035	03/30/85	1	DRUM	7	
12409	O-16486	1216	0035	03/30/85	1	DRUM	7	
12410	O-16489	1216	0035	03/30/85	1	DRUM	7	
12411	O-16498	1216	0035	03/30/85	1	DRUM	7	
12412	OX-455	MCR	0002	03/12/85	1	DRUM	7	
12413	O-16499	1216	0035	03/30/85	1	DRUM	7	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12414	O-16491	1216	0035	03/30/85	1	DRUM	7	
12415	O-16496	1216	0035	03/30/85	1	DRUM	7	
12416	O-16490	1216	0035	03/30/85	1	DRUM	7	
12417	O-16497	1216	0035	03/30/85	1	DRUM	7	
12418	O-16493	1216	0035	03/30/85	1	DRUM	7	
12419	O-16494	1216	0035	03/30/85	1	DRUM	7	
12420	O-16492	1216	0035	03/30/85	1	DRUM	7	
12421	O-16495	1216	0035	03/30/85	1	DRUM	7	
12422	O-16477	1203	0024	01/07/85	1	DRUM	7	, IPS
12423	O-16474	1203	0024	01/07/85	1	DRUM	7	, IPS
12424	O-16476	1203	0024	01/07/85	1	DRUM	7	, IPS
12425	O-16475	1203	0024	01/07/85	1	DRUM	7	, IPS
12426	O-16479	1203	0024	01/07/85	1	DRUM	6	
12427	O-16472	1203	0024	01/07/85	1	DRUM	6	
12428	O-16478	1205	0024	01/07/85	1	DRUM	6	
12429	O-16473	1203	0024	01/07/85	1	DRUM	6	
12430	L-18591	NA	0002	08/21/85	1	DRUM	7	
12431	L-18590	NA	0002	08/21/85	1	DRUM	7	
12432	L-18595	NA	0002	08/21/85	1	DRUM	7	
12433	L-18584	NA	0002	08/21/85	1	DRUM	7	
12434	L-18583	NA	0002	08/21/85	1	DRUM	6	
12435	L-18578	NA	0002	08/21/85	1	DRUM	6	
12436	L-18576	NA	0002	08/21/85	1	DRUM	6	
12437	L-18577	NA	0002	08/21/85	1	DRUM	7	
12438	O-18579	NA	0002	08/21/85	1	DRUM	7	
12439	O-76301	NA	0002	08/21/85	1	DRUM	7	
12440	NA	NA	NA	/ /	1	DRUM	7	
12441	OT-990013	NA	NA	06/20/84	1	DRUM	7	
12442	O-18515	1438	0029	/ /	1	DRUM	7	NA
12443	O-18514	1438	0029	/ /	1	DRUM	7	NA
12444	O-18516	1438	0029	/ /	1	DRUM	7	NA
12445	O-18513	1438	0029	/ /	1	DRUM	7	NA
12446	O-21786	NA	0002	02/26/86	1	DRUM	7	
12447	O-21785	NA	0002	02/26/86	1	DRUM	7	
12448	O-21787	NA	0002	02/26/86	1	DRUM	7	
12449	O-21784	NA	0002	/ /	1	DRUM	7	EMPTY
12450	O-21711	NA	0002	02/13/86	1	DRUM	6	
12451	O-21712	MCR	0002	02/13/86	2	DRUM	6	
12452	O-21713	MCR	0002	02/13/86	2	DRUM	6	
12453	V-144	MCR	0002	02/12/86	1	DRUM	7	
12454	V-145	MCR	0002	02/13/86	1	DRUM	7	
12455	OX-603	MCR	0002	02/12/86	1	DRUM	7	
12456	OX-604	MCR	0002	02/12/86	1	DRUM	7	
12457	O-14156	956	0019	11/20/84	1	DRUM	7	
12458	O-14152	956	0019	11/20/84	1	DRUM	7	
12459	O-13599	918	0018	11/07/84	1	DRUM	7	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12460	NA	NA	0018	/ /	1	DRUM	7	NA
12461	O-14518	974	0007	11/27/84	1	DRUM	7	
12462	O-14479	974	0007	/ /	1	DRUM	7	NA
12463	O-14519	974	0007	11/27/84	1	DRUM	7	
12464	NA	956	0007	/ /	1	DRUM	7	NA
12465	O-17969	1359	0009	07/10/85	1	DRUM	7	, CRETE
12466	O-17968	1359	0009	07/09/85	1	DRUM	7	
12467	O-17971	1359	0009	07/10/85	1	DRUM	7	, CRETE
12468	O-17970	1359	0009	07/09/85	1	DRUM	7	
12469	O-16749	1242	0035	05/13/85	1	DRUM	7	
12470	O-16728	1242	0035	05/13/85	1	DRUM	7	
12471	O-16750	1242	0035	05/13/85	1	DRUM	7	
12472		1242	0035	05/13/85	1	DRUM	7	
12473	NA	NA	NA	/ /	1	DRUM	6	NO.NAME
12474	NA	NA	NA	/ /	1	DRUM	7	TRASH
12475	NA	NA	NA	/ /	1	DRUM	6	NO.NAME
12476	NA	NA	NA	/ /	1	DRUM	6	NO.NAME
12477	NA	NA	NA	/ /	1	DRUM	7	NO.NAME
12478	NA	NA	NA	/ /	1	DRUM	7	NO.NAME
12479	NA	NA	NA	/ /	1	DRUM	7	NO.NAME
12480	NA	NA	NA	/ /	1	DRUM	7	NO.NAME
12481	NA	NA	0036	/ /	1	DRUM	7	GTE PRODS CORP, PA
12482	NA	NA	0036	/ /	1	DRUM	7	PAD0030446 09 TRSH
12483	NA	NA	NA	/ /	0	DRUM	4	NO.LABEL
12484		NA	NA	/ /	1	DRUM	7	NA
12485	O-21358	1763	0039	10/02/85	1	DRUM	7	
12486	O-21359	1763	0039	10/02/85	1	DRUM	7	
12487	O-18804	1490	NA	/ /	1	DRUM	7	NA
12488	O-18803	1490	NA	/ /	1	DRUM	7	NA
12489	O-18733	1488	0006	06/03/85	1	DRUM	7	
12490	O-21382	1758	0040	01/14/86	1	DRUM	7	
12491	O-21379	1758	0040	01/14/86	1	DRUM	7	
12492	O-21381	1758	0040	01/14/86	1	DRUM	7	
12493	O-21380	1758	0040	01/14/86	1	DRUM	7	
12494	O-18517	1438	0029	/ /	1	DRUM	7	NA
12495	O-18512	1438	0029	/ /	1	DRUM	7	NA
12496	O-21665	NA	0002	02/12/86	1	DRUM	7	
12497	O-18533	1439	0033	/ /	1	DRUM	7	NA
12498	10L?	1603	0004	/ /	1	DRUM	7	NA
12499	O-19984	1603	0004	04/15/85	1	DRUM	7	
12500	O-19982	1603	0004	07/08/85	1	DRUM	7	
12501	O-19985	1603	0004	07/09/85	1	DRUM	7	
12502	O-20341	1662	0004	09/18/85	1	DRUM	6	
12503	O-20344	1662	0004	09/18/85	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12504	O-20346	1662	0004	09/18/85	1	DRUM	6	
12505	O-16854	1254	0004	11/02/84	1	DRUM	6	
12506	OX-600	MCR	0002	02/12/86	1	DRUM	7	
12507	OX-599	MCR	0002	02/12/86	1	DRUM	7	
12508	602	NA	0002	02/12/86	1	DRUM	7	
12509	OX-601	MCR	0002	02/12/86	1	DRUM	7	
12510	O-16861	1254	0004	12/31/84	1	DRUM	7	
12511	O-16862	1254	0004	12/31/84	1	DRUM	7	
12512	O-16852	1254	0004	/ /	1	DRUM	7	NA
12513	O-16863	1254	0004	11/06/84	1	DRUM	7	
12514	O-10797	685	0038	07/27/84	1	DRUM	7	
12515	NA	NA	0002	07/31/84	1	DRUM	7	
12516	O-11331	719	0022	08/11/84	1	DRUM	7	
12517	O-11330	719	0022	08/11/84	1	DRUM	7	
12518	NA	856 0956?	0007	09/20/84	1	DRUM	7	
12519	NA	956	0007	/ /	1	DRUM	7	NA
12520	O-1104	17	0002	05/15/84	1	DRUM	7	
12521	NA	956	0007	09/20/84	1	DRUM	7	
12522	O-8408	505	0037	03/15/84	1	DRUM	6	
12523	O-8432	505	0037	03/15/84	1	DRUM	6	
12524	O-8407	505	0037	03/15/84	1	DRUM	6	
12525	O-8421	505	0037	03/15/84	1	DRUM	6	
12526	O-18624	1444	0014	03/07/85	1	DRUM	6	
12527	O-18617	1444	0014	04/12/85	1	DRUM	6	
12528	O-18635	1444	0014	03/07/85	1	DRUM	6	
12529	O-18613	1444	0014	03/07/85	1	DRUM	6	
12530	C-13604	918	0018	/ /	1	DRUM	6	NA
12531	R-176	MCR	0002	11/20/84	1	DRUM	6	
12532	O-15109	1068	NA	/ /	1	DRUM	6	NA
12533	NA	NA	NA	/ /	1	DRUM	7	NA
12534		NA	NA	/ /	1	DRUM	7	NA
12535	NA	NA	NA	/ /	1	DRUM	7	NA
12536	NA	NA	NA	/ /	1	DRUM	7	NA
12537	O-18629	1444	0014	03/07/85	1	DRUM	7	
12538	O-18628	1444	0014	03/07/85	1	DRUM	7	
12539	O-18630	1444	0014	04/12/85	1	DRUM	7	
12540	O-18626	1444	0014	03/07/85	1	DRUM	7	
12541	O-18631	1444	0014	03/07/85	1	DRUM	7	
12542	O-18625	1444	0014	03/07/85	1	DRUM	7	
12543	O-18637	1444	0014	04/12/85	1	DRUM	7	
12544	O-18623	1444	0014	04/12/85	1	DRUM	7	
12545	OX-275	MCR	0002	09/03/84	1	DRUM	7	
12546	M-11115	706	0028	08/11/84	1	DRUM	7	
12547	OX-562	MCR	0002	05/29/85	1	DRUM	7	.NDS.OP
12548	OX-277	MCR	0002	09/03/84	1	DRUM	7	
12549	O-18222	1394	0001	06/28/85	1	DRUM	6	

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12550	O-8618	NA	0002	04/25/84	1	DRUM	6	
12551	O-14303	958		/ /	0		0	
12551	O-19069	958	0002	10/08/85	1	DRUM	6	
12552	OT-7896	460	NA	01/31/84	1	DRUM	6	
12553	O-16760	1242	0011	05/13/85	1	DRUM	7	
12554	O-16761	1242	0011	05/13/85	1	DRUM	7	
12555	O-16759	1242	0011	05/13/85	1	DRUM	7	
12556	O-17415	1287	0026	05/21/85	1	DRUM	7	
12557	O-18869	1477	0024	08/24/85	1	DRUM	7	
12558	O-18867	1477	0024	07/11/85	1	DRUM	7	.NDS.OP
12559	O-18869	1477	0024	08/24/85	1	DRUM	7	
12560	O-18858	1482	0027	09/05/85	1	DRUM	7	
12561	O-10519	MCR	0002	07/18/84	1	DRUM	7	
12562	OT-9924-1	628	0041	07/08/84	1	DRUM	7	
12563	O-10520	MCR	0002	07/18/84	1	DRUM	7	
12564	OT-7312	372	0002	07/18/84	1	DRUM	7	
12564	OT-7313	372		/ /	0			
12564	OT-7314	372		/ /	0			
12565	O-19924	1603	0004	02/18/85	1	DRUM	7	
12565	T-7314	1603		/ /	0			
12566	O-19487	1574	0007	08/06/85	1	DRUM	7	
12567	M-21022	1714	0004	11/14/85	1	DRUM	7	.SOIL
12568	M-21010	1714	0004	11/14/85	1	DRUM	7	.SOIL
12569	M-21011	1714	0004	/ /	1	DRUM	7	12570
12570	M-21008	1714	0004	11/14/85	1	DRUM	7	.SOIL
12571		1714	0004	11/14/85	1	DRUM	7	.SOIL
12572	NA	1721	0018	11/26/85	1	DRUM	7	.SOIL
12573	M-21163	1723	0018	11/26/85	1	DRUM	7	
12574	M-21188	1731	0001	11/24/85	1	DRUM	7	.SOIL
12575	M-21161	1723	0018	11/26/85	1	DRUM	7	.SOIL
12576	M-21007	1714	0004	11/14/85	1	DRUM	7	.SOIL
12577	M-21006	1714	0004	11/14/85	1	DRUM	7	.SOIL
12578	M-21004	1714	0004	/ /	1	DRUM	7	12579
12579	M-21005	1714	0004	11/14/85	1	DRUM	7	.SOIL
12580	M-21019	1714	0004	11/14/85	1	DRUM	7	.SOIL
12581	M-21018	1714	0004	11/14/85	1	DRUM	7	.SOIL
12582	M-21017	1714	0004	11/14/85	1	DRUM	7	.SOIL
12583	M-21016	1714	0004	11/14/85	1	DRUM	7	.SOIL
12584	M-21025	1714	0004	11/14/85	1	DRUM	7	.SOIL
12585	M-21024	1714	0004	11/14/85	1	DRUM	7	.SOIL
12586	M-21027	1714	0004	11/14/85	1	DRUM	7	.SOIL
12587	M-21026	1714	0004	11/14/85	1	DRUM	7	.SOIL
12588	M-17680	1325	0004	06/25/85	1	DRUM	7	.SOIL
12589	NA	1325	0004	06/25/85	1	DRUM	7	.SOIL
12590	M-17681	1325	0004	06/25/85	1	DRUM	7	-SOIL
12591	M-17683	1325	0004	06/25/85	1	DRUM	7	.SOIL

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12592	M-17659	1325	0004	06/25/85	1	DRUM	8	.OIL.DR
12593	M-17662	1325	0004	06/25/85	1	DRUM	8	SOIL
12594	NA	NA	0004	06/25/85	1	DRUM	8	.
12595	M-17660	1325	0004	06/25/85	1	DRUM	8	
12596	M-18213	1393	0001	06/18/85	1	DRUM	7	.DIRT
12597	M-18214	1393	0004	06/28/85	1	DRUM	7	.DIRT
12598	M-18212	1393	0004	06/20/85	1	DRUM	7	.DIRT
12599	M-18211	1393	0004	06/18/85	1	DRUM	7	.DIRT
12600		1325	0004	06/25/85	1	DRUM	8	T
12601	M-17655	1325	0004	06/25/85	1	DRUM	8	.DIRT
12602	M-17664	1325	0004	06/25/85	1	DRUM	8	.DIRT
12603	M-17665	1325	0004	06/25/85	1	DRUM	8	.OIL DR
12604	M-18208	1393	0001	06/18/85	1	DRUM	7	.DIRT
12605	M-18209	1393	0001	06/18/85	1	DRUM	7	.DIRT
12606	M-18210	1393	0001	06/18/85	1	DRUM	7	.DIRT
12607	M-18219	1393	0001	06/20/85	1	DRUM	7	.DIRT
12608		MCR	0002	01/07/86	1	DRUM	8	
12609		1781	0004	01/15/86	1	DRUM	8	H
12610		MCR	0002	01/07/86	1	DRUM	8	6.DIRT
12611		MCR	0002	01/07/86	1	DRUM	8	
12612	M-21402	1772	0001	01/23/85	1	DRUM	7	.SOIL
12613	21376	1772	0001	01/23/86	1	DRUM	7	.SOIL
12614	M-21395	1772	0001	01/23/86	1	DRUM	7	.SOIL
12615	M-21401	1772	0001	01/23/86	1	DRUM	7	.SOIL
12616	M-21599	1781	0004	01/24/86	1	DRUM	8	.SOIL
12617	M-21607	1781	0004	01/24/86	1	DRUM	8	.SOIL
12618	M-21532	MCR	0002	01/29/86	1	DRUM	8	.SOIL
12619	M-21608	1781	0004	01/24/86	1	DRUM	8	-SOIL
12620	M-21424	1772	0001	01/23/86	1	DRUM	7	.DIRT
12621	M-21422	1772	0001	01/23/86	1	DRUM	7	.DIRT
12622	M-21421	1772	0001	01/23/86	1	DRUM	7	.DIRT
12623	M-21423	1772	0001	01/23/86	1	DRUM	7	.DIRT
12624	M-21413	1772	0001	01/23/86	1	DRUM	7	.DIRT
12625	M-21414	1772	0001	01/23/86	1	DRUM	7	.DIRT
12626	M-21416	1772	0001	01/24/86	1	DRUM	7	.DIRT
12627	M-21413	1772	0001	01/24/86	1	DRUM	7	.DIRT
12628	M-21418	1772	0001	01/24/86	1	DRUM	7	.DIRT
12629	M-21411	1772	0001	01/23/86	1	DRUM	7	.DIRT
12630	M-21412	1772	0001	01/24/86	1	DRUM	7	.DIRT
12631	M-21417	1772	0001	01/23/86	1	DRUM	7	.DIRT
12632	M-21410	1772	0001	01/23/86	1	DRUM	7	.DIRT
12633	M-21403	1772	0001	01/23/86	1	DRUM	7	.DIRT
12634	M-21404	1772	0001	01/23/86	1	DRUM	7	.DIRT
12635	M-21409	1772	0001	01/23/86	1	DRUM	7	.DIRT
12636	M-21454	1772	0001	01/23/86	1	DRUM	7	.DIRT
12637	M-21447	1772	0001	01/23/86	1	DRUM	7	.DIRT

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12638	M-21448	1772	0001	01/23/86	1	DRUM	7	.DIRT
12639	M-21453	1772	0001	01/23/86	1	DRUM	7	.DIRT
12640	M-21442	1772	0001	01/23/86	1	DRUM	7	.DIRT
12641	M-21439	1772	0001	01/24/86	1	DRUM	7	.DIRT
12642	M-21440	1772	0001	01/23/86	1	DRUM	7	.DIRT
12643	M-21441	1772	0001	01/23/86	1	DRUM	7	.DIRT
12644	M-21452	1772	0001	01/23/86	1	DRUM	7	.DIRT
12645	M-21449	1772	0001	01/23/86	1	DRUM	7	.DIRT
12646	M-21450	1772	0001	01/23/86	1	DRUM	7	.DIRT
12647	M-21457	1772	0001	01/23/86	1	DRUM	7	.DIRT
12648	M-21434	1772	0001	01/24/86	1	DRUM	7	.DIRT
12649	M-21433	1772	0001	02/04/86	1	DRUM	7	.DIRT
12650	M-21427	1772	0001	01/23/86	1	DRUM	7	.DIRT
12651	M-21428	1772	0001	01/23/86	1	DRUM	7	.DIRT
12652	M-21419	1772	0001	01/23/86	1	DRUM	7	
12653	M-21426	1772	0001	01/23/86	1	DRUM	7	.DIRT
12654	M-21425	1772	0001	01/24/86	10	DRUM	7	.DIRT
12655	M-21390	1772	0001	01/23/86	1	DRUM	7	.DIRT
12656	M-21389	1772	0001	01/23/86	1	DRUM	7	.DIRT
12657	M-21391	1772	0001	01/23/86	1	DRUM	7	.DIRT
12658	M-21392	1772	0001	01/23/86	1	DRUM	7	.DIRT
12659	M-21420	1772	0001	01/23/86	1	DRUM	7	.DIRT
12660	M-21392	1772	0001	01/23/86	1	DRUM	7	
12661	M-21395	1772	0001	01/23/86	1	DRUM	7	-DIRT
12662	M-21399	1772	0001	01/23/86	1	DRUM	7	.DIRT
12663	M-21400	1772	0001	01/23/86	1	DRUM	7	.DIRT
12664	M-21387	1772	0001	01/23/86	1	DRUM	7	.DIRT
12665	M-21388	1772	0001	01/23/86	1	DRUM	7	.DIRT
12666	M-21394	1772	0001	01/23/86	1	DRUM	7	.DIRT
12667	M-21393	1772	0001	01/23/86	1	DRUM	7	.DIRT
12668	O-20227	1635	0010	04/17/85	1	DRUM	7	
12669	O-19507	1574	0007	08/16/85	1	DRUM	7	
12670	O-14744	1003	0004	02/16/84	1	DRUM	7	
12671	O-15692	1136	0001	03/22/85	1	DRUM	7	
12672	O-15688	1136	0001	03/22/85	1	DRUM	7	
12673	NA	1136 1412?	0001	03/22/85	1	DRUM	7	
12674	O-18093	1384	0044	06/17/85	1	DRUM	7	
12675	C-18095	1384	0044	06/17/85	1	DRUM	7	
12676	O-18092	1384	0044	07/01/85	1	DRUM	7	
12677	O-18112	1385	0044	07/01/85	1	DRUM	7	
12678	O-18101	1385	0044	07/05/85	1	DRUM	7	
12679	O-18109	1385	0044	07/05/85	1	DRUM	7	
12680	M-18752	1487		/ /	0			
12680	O-18100	1385	0044	07/05/85	1	DRUM	7	
12681	O-18110	1385	0044	07/05/85	1	DRUM	7	
12682	O-18091	1834	0044	06/17/85	1	DRUM	7	, NEW E

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12683	O-18111	1385	0043	07/23/85	1	DRUM	7	, HART
12684	O-18090	1384	0044	06/17/85	1	DRUM	7	, NE
12685	O-18089	1384	0044	07/01/84	1	DRUM	7	, NEW E
12686	O-18251	1402	0001	/ /	1	DRUM	7	NA
12687	O-18253	1402	0001	/ /	1	DRUM	7	NA
12688	O-18252	1402	0001	/ /	1	DRUM	7	NA
12689	O-18254	1402	0001	/ /	1	DRUM	7	NA
12690	O-18099	1385	0043	07/23/85	1	DRUM	7	
12691	O-18240	1402	0001	/ /	1	DRUM	7	NA
12692	O-18248	1402	0001	/ /	1	DRUM	7	NA
12693	R-244	MCR	0002	11/01/85	1	DRUM	7	
12694	R-245	MCR	0002	11/01/85	1	DRUM	7	
12695	R-246	MCR	0002	11/01/85	1	DRUM	7	
12696	R-247	MCR	0002	11/01/85	1	DRUM	7	
12697	O-15236	1077	0042	07/27/85	1	DRUM	7	
12698	O-15238	1077	0042	02/27/85	1	DRUM	7	
12699	O-15232	1077	0042	07/27/85	1	DRUM	7	
12700	M-21438	1772	0042	02/27/85	1	DRUM	7	
12701	O-15231	1077	0042	02/27/85	1	DRUM	7	
12702	O-15235	1077	0042	02/27/85	1	DRUM	7	
12703	O-15233	1077	0042	02/27/85	1	DRUM	7	
12704	O-15234	1077	0042	02/27/85	1	DRUM	7	
12705	M-21534	MCR	0002	/ /	1	DRUM	7	NA
12706	MCL-1536?	NA	0002	01/31/86	1	DRUM	7	
12707	NA	NA	0002	01/31/86	1	DRUM	8	
12708	M-21537	MCR	0002	01/31/86	1	DRUM	7	
12709	O-17223	1270	0045	05/20/85	1	DRUM	6	
12710	O-17224	1270	0045	05/20/85	1	DRUM	6	
12711	O-17222	1270	0045	05/20/85	1	DRUM	6	
12712	O-17225	1270	0045	05/20/85	1	DRUM	6	
12713	O-17227	1270	0045	05/20/85	1	DRUM	6	
12714	O-17228	1270	0045	05/20/85	1	DRUM	6	
12715	O-17226	1270	0045	05/20/85	1	DRUM	6	
12716	O-17229	1270	0045	05/20/85	1	DRUM	6	
12717	O-17319	1275	0045	05/29/85	1	DRUM	7	
12718	O-17320	1275	0045	05/20/85	1	DRUM	7	
12719	O-17318	1275	0045	05/29/85	1	DRUM	7	
12720	O-17317	1275	0045	05/20/85	1	DRUM	7	
12721	O-17316	1275	0045	05/29/85	1	DRUM	6	
12722	O-17315	1275	0045	05/29/85	1	DRUM	6	
12723	O-17314	1275	0045	05/29/85	1	DRUM	6	
12724	O-17313	1275	0045	05/29/85	1	DRUM	6	
12725	O-17322	1275	0045	05/29/85	1	DRUM	7	
12726	O-17323	1275	0045	05/29/85	1	DRUM	7	
12727	O-17323	1275	0045	05/29/85	1	DRUM	7	
12728	O-17324	1275	0045	/ /	1	DRUM	7	NA

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12729	O-17312	1275	0045	05/29/85	1	DRUM	7	
12730	O-17311	1275	0045	04/29/85	1	DRUM	7	
12731	O-17309	1275	0045	05/29/85	1	DRUM	7	
12732	O-17310	1275	0045	05/29/85	1	DRUM	7	
12733	O-17308	1275	0045	05/29/85	1	DRUM	7	
12734	O-17307	1275	0045	05/29/85	1	DRUM	7	
12735	O-17305	1275	0045	05/29/85	1	DRUM	7	
12736	NA	7258	0045	05/29/85	1	DRUM	7	
12737	O-17305	1275	0045	04/26/85	1	DRUM	7	
12738	NA	1275	0045	04/25/85	1	DRUM	7	
12739	O-17304	1275	0045	04/26/85	1	DRUM	7	
12740	NA	1275	0045	04/26/85	1	DRUM	7	
12741	O-17328	1275	0045	05/20/85	1	DRUM	7	
12742	O-17327	1275	0045	05/20/85	1	DRUM	7	
12743	O-17326	1275	0045	04/25/85	1	DRUM	7	
12744	O-17325	1275	0045	04/25/85	1	DRUM	7	
12745	O-17900	1275	0045	04/29/85	1	DRUM	7	
12746	O-17298	1275	0045	04/26/85	1	DRUM	7	
12747	O-11621	764	0048	07/25/86	1	DRUM	7	
12748	O-17299	1275	0045	04/26/85	1	DRUM	7	
12749	O-17191	1270	0045	05/28/85	1	DRUM	6	
12750	O-17192	1270	0045	05/28/85	1	DRUM	6	
12750	O-17204	1270		/ /	0		0	
12751	O-17190	1270	0045	05/28/85	1	DRUM	6	
12752	O-17193	1270	0045	05/28/85	1	DRUM	6	
12753	O-17199	1270	0045	05/20/85	1	DRUM	7	
12754	O-17200	1270	0045	05/20/85	1	DRUM	7	
12755	O-17178	1270	0045	05/20/85	1	DRUM	7	
12756	O-17201	1270	0045	05/20/85	1	DRUM	7	
12757	O-17203	1270	0045	05/20/85	1	DRUM	6	
12758			0045	05/08/85	1	DRUM	6	
12759	O-17202	1270	0045	05/20/85	1	DRUM	6	
12760	O-17205	1270	0045	05/20/85	1	DRUM	6	
12761	O-17207	1270	0045	05/20/85	1	DRUM	7	
12762	O-17208	1270	0045	05/20/85	1	DRUM	7	
12763	O-17206	1270	0045	05/20/85	1	DRUM	7	
12764	O-17209	1270	0045	05/20/85	1	DRUM	7	
12765	O-17211	1270	0045	05/20/85	1	DRUM	6	
12766	O-17212	1270	0045	05/20/85	1	DRUM	6	
12767	O-17210	1270	0045	05/20/85	1	DRUM	6	
12768	M-21435	1772	0001	/ /	1	DRUM	7	12769
12769		1772	0001	01/24/86	1	DRUM	7	.DIRT
12770		1772	0001	01/24/86	1	DRUM	7	T.
12771	M-21437	1772	0001	01/23/86	1	DRUM	7	.DIRT
12772	NA	1772	0001	01/23/86	1	DRUM	7	.DIRT
12773	NA	1772	0001	01/23/86	1	DRUM	7	.DIRT

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12774	NA	1772	0001	01/24/86	1	DRUM	7	.DIRT
12775	NA	1772	0001	01/24/86	1	DRUM	7	.DIRT
12776	M-21431	1772	0001	01/24/86	1	DRUM	7	.DIRT
12777	M-21432	1772	0001	01/24/86	1	DRUM	7	-DIRT
12778	M-21429	1772	0001	01/24/86	1	DRUM	7	.DIRT
12779	M-21430	1772	0001	01/24/86	1	DRUM	7	.DIRT
12780	M-21518	1775	0001	01/22/86	1	DRUM	8	.DIRT
12781	21531	NA	0002	01/29/86	1	DRUM	8	DIRT
12782		1775	0001	01/23/86	1	DRUM	8	
12783	M-21525	1775	0001	01/22/86	1	DRUM	8	.DIRT
12784	M-21457	1772	0001	01/24/86	1	DRUM	7	.DIRT
12785	M-21458	1772	0001	01/24/86	1	DRUM	7	.DIRT
12786	M-21461	1772	0001	01/24/86	1	DRUM	7	.DIRT
12787	M-21462	1772	0001	01/24/86	1	DRUM	7	.DIRT
12788	M-21456	1772	0001	01/24/86	1	DRUM	7	.DIRT
12789	M-21459	1772	0001	01/24/86	1	DRUM	7	.DIRT
12790	M-21455	1772	0001	01/24/86	1	DRUM	7	.DIRT
12791	M-21460	1772	0001	01/24/86	1	DRUM	7	.DIRT
12792	M-21512	1775	0001	01/21/86	1	DRUM	7	-DIRT
12793	M-21511	1775	0001	01/21/86	1	DRUM	7	.DIRT
12794	M-21509	1775	0001	01/21/86	1	DRUM	7	.DIRT
12795	M-21510	1775	0001	01/21/86	1	DRUM	7	.DIRT
12796	M-21497	1775	0001	01/22/86	1	DRUM	7	.DIRT
12797	M-21499	1775	0001	01/21/86	1	DRUM	7	.DIRT
12798	M-21500	1775	0001	01/22/86	1	DRUM	7	.DIRT
12799	M-21493	1775	0001	01/22/86	1	DRUM	7	-DIRT
12800		1775	0001	01/22/86	1	DRUM	7	6.DIRT
12801	M-21495	1775	0001	01/22/86	1	DRUM	7	-DRT
12802	M-21496	1775	0001	01/22/85	1	DRUM	7	-DIRT
12803	M-21481	1775	0001	01/23/86	1	DRUM	7	.DIRT
12804	M-21482	1775	0001	01/23/86	1	DRUM	7	-DIRT
12805	M-21483	1775	0001	01/23/86	1	DRUM	7	.DIRT
12806	M-21484	1775	0001	01/23/86	1	DRUM	7	.DIRT
12807	M-21491	1775	0001	01/22/86	1	DRUM	7	.DIRT
12808	M-21492	1775	0001	01/22/86	1	DRUM	7	.DIRT
12809	M-21490	1775	0001	01/22/86	1	DRUM	7	.DIRT
12810	M-21489	1775	0001	01/22/86	1	DRUM	7	.DIRT
12811	M-21488	1775	0001	01/22/86	1	DRUM	7	.DIRT
12812	M-21486	1775	0001	01/22/86	1	DRUM	7	.DIRT
12813	M-21485	1775	0001	01/22/86	1	DRUM	7	-DIRT
12814	M-21487	1775	0001	01/22/86	1	DRUM	7	-DIRT
12815	M-21524	1775	0001	01/22/86	1	DRUM	7	.DIRT
12816	M-21521	1775	0001	01/22/86	1	DRUM	7	-DIRT
12817	M-21523	1775	0001	01/22/86	1	DRUM	7	-DIRT
12818	M-21522	1775	0001	01/22/86	1	DRUM	7	-DIRT
12819	M-21498	1775	0001	01/22/86	1	DRUM	7	.DIRT

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12820	M-21474	1775	0001	/ /	1	DRUM	7	12798
12821	M-21526	1775	0001	01/22/86	1	DRUM	7	-DIRT
12822		1775	0001	01/22/86	1	DRUM	7	
12823		1775	0001	01/22/86	1	DRUM	7	6-DIRT
12824	M-21469	1775	0001	01/22/86	1	DRUM	7	-DIRT
12825	M-21470	1775	0001	01/22/86	1	DRUM	7	DIRT
12826	M-21472	1775	0001	01/22/86	1	DRUM	7	.DIRT
12827	M-21471	1775	0001	01/22/86	1	DRUM	7	DIRT
12828	M-21514	1775	0001	01/21/86	1	DRUM	8	.DIRT
12829	M-21513	1775	0001	01/23/86	1	DRUM	8	-DIRT
12830	M-21515	1775	0001	01/21/86	1	DRUM	8	.DIRT
12831	M-21516	1775	0001	01/23/86	1	DRUM	8	-DIRT
12832	M-21503	1775	0001	01/23/86	1	DRUM	7	-DIRT
12833	M-21504	1775	0001	01/23/86	1	DRUM	7	-DIRT
12834	M-21502	1775	0001	01/22/86	1	DRUM	7	-DIRT
12835	M-21501	1775	0001	01/22/86	1	DRUM	7	.DIRT
12836	M-21479	1775	0001	01/23/86	1	DRUM	7	-DIRT
12837	M-21480	1775	0001	01/23/86	1	DRUM	7	-DIRT
12838	M-21477	1775	0001	01/23/86	1	DRUM	7	.DIRT
12839	M-21478	1775	0001	01/23/86	1	DRUM	7	.DIRT
12840	M-21347	MCR	0002	01/22/86	1	DRUM	7	
12841	M-21346	MCR	0002	01/22/86	1	DRUM	7	.OIL.DR
12842	M-21345	MCR	0002	01/22/86	1	DRUM	7	TRSH
12843	M-21344	MCR	0002	01/22/86	1	DRUM	7	.DIRT
12844	21342	NA	0002	01/21/86	1	DRUM	8	TRSH
12845	M-21386	MCR	0002	01/24/86	1	DRUM	8	TRSH
12846	21343	NA	0002	01/21/86	1	DRUM	8	.OIL DR
12847	M-21529	1775	0001	01/22/80	1	DRUM	8	.DIRT
12848	M-21505	1775	0001	01/22/86	1	DRUM	7	-DIRT
12849	M-21507	1775	0001	01/22/86	1	DRUM	7	-DIRT
12850	M-21508	1775	0001	01/22/86	1	DRUM	7	.DIRT
12851	M-21506	1775	0001	01/22/86	1	DRUM	7	-DIRT
12853	M-18346	1413	0001	11/30/07	1	DRUM	7	.DIRT
12854	M-18347	1413	0001	11/30/07	1	DRUM	7	.DIRT
12855	M-18348	1413	0001	11/30/07	1	DRUM	7	.DIRT
12856	M-18349	1413	0001	08/01/85	1	DRUM	7	.DIRT
12857	M-18344	1413	0001	08/01/85	1	DRUM	7	
12858	M-18342	1413	0001	08/01/85	1	DRUM	7	.DIRT
12859	M-18350	1413	0001	08/01/85	1	DRUM	7	.DIRT
12860	NA	NA	0002	10/01/85	1	DRUM	7	.DIRT
12861	18981	NA	0002	09/26/85	1	DRUM	8	.DIRT
12862	M-18982	NA	0002	09/26/85	1	DRUM	7	
12863	M-18979	NA	0002	01/26/85	1	DRUM	7	.DIRT
12864	NA	NA	0001	08/07/85	1	DRUM	7	.DIRT
12865	M-18456	1437	0007	08/06/85	1	DRUM	7	.DIRT
12866	M-18455	1437	0007	08/06/85	1	DRUM	7	.DIRT

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12867	M-18454	1437	0007	08/06/85	1	DRUM	7	.DIRT
12868	M-18452	1437	0007	08/06/85	1	DRUM	7	SOIL
12869	M-18458	1437	0007	08/06/85	1	DRUM	7	.DIRT
12870	M-18453	1437	0007	01/06/85	1	DRUM	7	.DIRT
12871	M-18457	1437	0007	08/06/85	1	DRUM	7	.DIRT
12872	M-18460	1437	0007	08/06/85	1	DRUM	7	TRSH
12873	M-18459	1437	0007	08/06/85	1	DRUM	7	SOIL
12874	M-18450	1437	0007	08/06/85	1	DRUM	6	SOIL
12875	M-18451	1437	0007	08/06/85	1	DRUM	6	.DIRT
12876	O-20473	1678	0002	07/03/85	1	DRUM	7	.DIRT
12877	M-17740	MCR	0002	07/05/85	1	DRUM	7	5.DIRT
12878	12878	NA	0002	07/03/85	1	DRUM	7	.DIRT
12879	M-17741	MCR	0002	07/05/85	1	DRUM	7	
12880	M-19533	1578	0007	08/08/85	1	DRUM	7	
12881	M-19535	1578	0007	08/08/85	1	DRUM	7	.DIRT
12882	M-19534	1578	0007	07/03/85	1	DRUM	7	.DIRT
12883	M-19532	1578	0007	08/08/85	1	DRUM	7	
12884	M-17733	MCR	0002	07/05/85	1	DRUM	7	
12885	M-17731	MCR	0002	07/05/85	1	DRUM	7	
12886	M-17732	MCR	0002	07/05/85	1	DRUM	7	5
12887		MCR	0002	07/05/85	1	DRUM	8	5 SHRCORE
12888	M-17619	1330	0007	11/30/07	1	DRUM	7	
12889	M-17618	1330	0007	11/30/07	1	DRUM	7	
12890	NA	1410	0001	08/07/85	1	DRUM	7	
12891	M-18343	1413	0001	11/30/07	1	DRUM	7	
12892	O-19865	1594	0002	07/09/85	1	DRUM	7	.DIRT
12893	M-17725	MCR	0002	07/05/85	1	DRUM	7	.DIRT
12894	M-17726	MCR	0002	07/05/85	1	DRUM	7	
12895	O-17924	1349	0002	07/09/85	1	DRUM	7	.DIRT
12896	M-17720	MCR	0002	07/08/85	1	DRUM	8	.DIRT
12897	M-17729	MCR	0002	07/05/85	1	DRUM	8	5.DIRT
12898	17827?	NA	0002	07/05/85	1	DRUM	7	SOIL
12899	17788	NA	0002	07/08/85	1	DRUM	8	.DIRT
12900	19129	NA	0002	10/11/85	1	DRUM	8	
12901	M-11009	MCR	0002	08/08/84	1	DRUM	6	
12902	19128	NA	0002	10/11/85	1	DRUM	7	TRSH
12903	M-11010	MCR	0002	08/08/84	1	DRUM	6	.
12904	M-17743	MCR	0002	07/05/85	1	DRUM	7	5 SOIL
12905	M-17099?	NA	0002	07/05/85	1	DRUM	7	
12906	M-17746	MCR	0002	07/05/85	1	DRUM	7	SOIL
12907	M-17745	MCR	0002	07/05/85	1	DRUM	7	
12908	17762?	NA	0002	07/05/85	1	DRUM	8	SAM JR
12909	M-17766	MCR	0002	07/05/85	1	DRUM	8	SOIL
12910	M-17764	MCR	0002	07/05/85	1	DRUM	8	SOIL
12911	M-17765	MCR	0002	07/05/85	1	DRUM	8	SOIL
12912	16761	NA	0047	04/09/85	1	DRUM	8	TRSH

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12913	C-18392	1426	0001	04/09/85	1	DRUM	8	.
12914		1228	0047	04/09/85	1	DRUM	8	R
12915		1487	NA	04/07/85	1	DRUM	6	
12916		1487	NA	04/17/85	1	DRUM	6	5 FLTR
12917	M-16965	1259	0006	/ /	1	DRUM	7	04--85 TRSH
12918	M-17386	1276	0045	04/05/85	1	DRUM	7	TRSH
12919	M-16692	1228	0047	04/24/85	1	DRUM	7	TRSH
12920	M-16691	1228	0047	04/24/85	1	DRUM	7	TRSH
12921	NA	1228	0047	04/24/85	1	DRUM	8	TRSH
12922	NA	1228	0047	04/09/85	1	DRUM	8	TRSH
12923	M-16580	1219	0016	04/12/85	1	DRUM	6	.
12924	M-16390	1206	0007	04/30/85	1	DRUM	8	SOIL
12925	M-17053	1266	0004	04/15/85	1	DRUM	8	SOIL
12926	M-16395	1206	NA	04/30/85	1	DRUM	8	SOIL
12927	M-17054	1266	0004	04/15/85	1	DRUM	8	SOIL
12928		1219	0016	04/12/85	1	DRUM	7	H
12929	M-16602	1219	0016	04/12/85	1	DRUM	7	TRSH
12930	M-16605	1219	0016	04/12/85	1	DRUM	7	TRSH
12931	M-16604	1219	0016	04/03/85	1	DRUM	7	TRSH
12932	2139B	NA	0002	01/07/86	1	DRUM	7	SOIL
12933	21239A	NA	0002	01/07/86	1	DRUM	7	SOIL
12934	21239F	NA	0002	/ /	1	DRUM	7	NA. SOIL
12935	21239E	NA	0002	01/07/86	1	DRUM	7	SOIL
12936	M-16607	1219	0016	11/30/83	1	DRUM	8	
12937	M-17068	1266	0004	04/15/85	1	DRUM	8	SOIL
12938	M-17073	1266	0004	04/15/85	1	DRUM	8	SOIL
12939	M-17073	1266	0004	04/15/85	1	DRUM	8	
12940	M-21736	1800	0016	08/28/85	1	DRUM	8	TRSH
12941	M-21737	1800	0016	06/25/85	1	DRUM	8	SOIL
12942	M-21738	1800	0016	06/26/85	1	DRUM	8	SOIL
12943	M-21739	1800	0016	06/14/85	1	DRUM	8	SOIL
12944	M-20807	1700	0004	05/14/85	1	DRUM	8	TRSH
12945	M-20808	1700	0004	05/14/85	1	DRUM	8	SOIL
12946	M-20806	1700	0002	05/14/85	1	DRUM	8	SOIL
12947	M-20805	1700	0004	05/14/85	1	DRUM	8	SOIL
12948	CP-2631	MCR	0002	05/21/85	1	DRUM	6	COR
12949	CP-2634	MCR	0002	05/26/85	1	DRUM	6	
12950	CP-2632	MCR	0002	05/26/85	1	DRUM	6	
12951	CP-2633	MCR	0002	05/26/85	1	DRUM	6	COR
12952	M-15462	1121	NA	01/07/85	1	DRUM	7	SOIL
12953	M-16532	1217	0004	02/18/85	1	DRUM	7	SOIL
12954	M-14893	1009	0016	01/09/85	1	DRUM	7	SOIL
12955	M-16032	MCR	0002	02/03/85	1	DRUM	7	SOIL
12956	4A-19981	MCR	0002	02/24/86	1	DRUM	6	
12957	4A-19982	MCR	0002	02/24/86	1	DRUM	6	6.

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
12958	4A-19979	MCR	0002	02/24/86	1	DRUM	6	
12959	4A-19980	MCR	0002	02/24/86	1	DRUM	6	6
12960	4A-19935	MCR	0002	02/19/86	1	DRUM	6	6 COR
12961	4A-19964	MCR	0002	02/21/86	1	DRUM	6	
12962	4A-19936	MCR	0002	02/19/86	1	DRUM	6	
12963	4A-19961	MCR	0002	02/21/86	1	DRUM	6	
12964	4A-19965	MCR	0002	02/21/86	1	DRUM	6	6.
12965	4A-19962	MCR	0002	02/21/86	1	DRUM	7	6
12966	4A-19959	MCR	0002	02/21/86	1	DRUM	6	
12967	O-17213	1270	0045	05/20/85	1	DRUM	6	
12968	OX-429	MCR	0002	02/25/85	1	DRUM	6	
12969	OX-431	MCR	NA	/ /	0	DRUM	6	
12970	O-15359	1112	0002	02/25/85	1	DRUM	7	
12970	OX-430	MCR		/ /	0			
12971	OX-432	MCR	0002	02/25/85	1	DRUM	6	
12972	V-043	MCR	0002	09/02/84	1	DRUM	7	
12973	V-045	MCR	0002	/ /	1	DRUM	7	NA
12974	V-046	MCR	0002	10/20/84	1	DRUM	7	
12975	V-044	MCR	0002	09/03/84	1	DRUM	7	
12976	O-15357	1112	0049	03/13/85	1	DRUM	7	, OK
12977	O-15356	1112	0049	03/13/85	1	DRUM	7	, OK
12978		1112	0049	03/13/85	1	DRUM	7	
12979	O-15358	1112	0049	03/13/85	1	DRUM	7	, OK
12980	O-17215	1270	0045	05/20/85	1	DRUM	7	
12981	O-17216	1270	0045	05/20/85	1	DRUM	7	
12982	O-17214	1270	0045	05/20/85	1	DRUM	7	
12983	O-17217	1270	0045	05/20/85	1	DRUM	7	
12984	O-17218	1270	0045	05/20/85	1	DRUM	7	
12985	O-17210	1270	0045	05/20/85	1	DRUM	7	
12986	O-17219	1270	0045	05/20/85	1	DRUM	7	
12987	O-17220	1270	0045	05/20/85	1	DRUM	7	
12988	NA	NA	NA	08/31/84	1	DRUM	6	,PUMPEDFRO MVAT
12989	NA	NA	NA	07/14/84	1	DRUM	6	PUMPEDFROM VAT
12990	OT-10694	666	0050	02/22/84	1	DRUM	6	
12991	NA	NA	NA	09/08/84	1	DRUM	6	PUMPED FROMVAT
12992	O-15285	1089	0013	12/05/84	1	DRUM	7	
12993	NA	1089	NA	/ /	0	DRUM	7	NO LABEL
12994	NA	1489	0012	06/01/85	1	DRUM	6	
12995	O-15274	1089	NA	10/05/84	1	DRUM	7	
12996	O-18741	1488	0006	05/13/85	1	DRUM	7	
12997	O-18737	1488	0006	05/03/85	1	DRUM	6	
12998	O-18740	1488	0006	05/17/85	1	DRUM	6	
12999	O-18736	1488	0006	/ /	1	DRUM	6	NA

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13000	O-13178	881	0021	08/31/84	1	DRUM	7	
13001	O-13177	881	0021	07/19/84	1	DRUM	7	
13002	O-13173	881	0021	10/12/84	1	DRUM	7	
13003	O-15084	1062	NA	02/12/85	1	DRUM	7	
13004	VD-115-111	MCR	0002	06/03/85	1	DRUM	7	, MCROSE
13005	VD-114-111	MCR	0002	07/03/85	1	DRUM	7	, MCROSE
13006	VD-1-?	MCR	0002	09/11/84	1	DRUM	7	
13007	VD-112-111	MCR	0002	08/04/85	1	DRUM	7	, MCROSE
13008	VD-120-111	MCR	NA	03/07/85	1	DRUM	7	
13009	VD-121-111	MCR	0002	02/11/85	1	DRUM	7	
13010	VD-117-111	MCR	0016	11/08/84	1	DRUM	7	
13011	VD-116-111	MCR	0002	05/14/85	1	DRUM	7	
13012	NA	NA	NA	/ /	1	DRUM	7	NA
13013	O-18048	1365	0052	/ /	1	DRUM	7	NA
13014	T-17940-A	1350	NA	10/14/85	1	DRUM	7	
13015	OT-17940-A	1350	NA	10/14/85	1	DRUM	7	
13016	O-20535	1678	0004	08/05/85	1	DRUM	6	
13017	NA	850	NA	/ /	1	DRUM	6	NA
13018	O-14081	945	0016	11/08/84	1	DRUM	6	
13019	R-260	MCR	0002	04/10/85	1	DRUM	6	
13020	O-15287	1089	0013	12/05/84	1	DRUM	7	,CASS COUNTY
13021	O-15274	1089	0013	12/05/84	1	DRUM	7	,CASS COUNTY
13022	O-15286	1089	0013	12/05/84	1	DRUM	7	,CASS CO
13023	O-15275	1089	0013	12/05/84	1	DRUM	7	,CASS COUNTY
13024	NA	NA	NA	/ /	1	DRUM	6	NA
13025	NA	NA	NA	/ /	0	DRUM	6	NO LABEL
13026	O-18321	1417	0001	/ /	1	DRUM	6	NA
13027	R-221	MCR	0002	12/26/84	1	DRUM	6	
13028	O-18668	1470	0008	/ /	1	DRUM	7	NA
13029	O-18669	1470	0008	/ /	1	DRUM	7	NA
13030	O-18671	1470	0008	/ /	1	DRUM	7	NA
13031	O-18670	1470	0008	/ /	1	DRUM	7	NA
13032	O-17980	1359	0009	07/10/85	1	DRUM	7	
13033	O-17983	1359	0009	07/09/85	1	DRUM	7	
13034	O-17981	1359	0009	07/09/85	1	DRUM	7	
13035	O-17982	1359	0009	07/10/85	1	DRUM	7	
13036	O-17967	1359	0007	07/11/85	1	DRUM	7	
13037	O-17954	1358	0007	03/04/85	1	DRUM	7	
13038	O-17955	1358	0007	03/07/85	1	DRUM	7	
13039	O-17953	1358	0007	03/09/85	1	DRUM	7	
13040	O-18738	1488	0006	06/03/85	1	DRUM	7	
13041		1488	0006	11/30/02	1	DRUM	7	
13042	O-18739	1488	0006	06/03/85	1	DRUM	7	

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13043	O-18735	1488	0006	06/03/85	1	DRUM	7	
13044	P-3T3-4	MCR	NA	03/02/81	1	DRUM	7	
13045	PST37	MCR	NA	03/07/84	1	DRUM	7	
13046	P5T-3	MCR	NA	/ /	1	DRUM	7	NA
13047	PST-33?	MCR	NA	03/07/84	1	DRUM	7	
13048	O-19142	NA	0002	10/14/85	1	DRUM	7	
13049	O-19148	NA	0002	10/14/85	1	DRUM	7	
13050	O-19143?	NA	0002	10/14/85	1	DRUM	7	
13051	O-19147	NA	0002	10/14/85	1	DRUM	7	
13052	V-139	MCR	NA	11/13/85	1	DRUM	6	
13053	NA	NA	NA	/ /	1	DRUM	6	IN OVERPACK
13054	V-140	MCR	0002	02/02/83	1	DRUM	6	
13055	VD-111136	MCR	0002	10/11/85	1	DRUM	6	
13056	O-19144	NA	0002	10/14/85	1	DRUM	6	
13057	19196	NA	0002	10/14/85	1	DRUM	8	TRSH
13058	C-19415	1540	0002	10/14/85	1	DRUM	6	
13059	O-16736	1242	0011	05/13/85	1	DRUM	7	
13060	O-16741	1242	0011	05/13/85	1	DRUM	7	
13061	O-16742	1242	0011	05/13/85	1	DRUM	7	
13062	O-16735	1242	0011	05/13/85	1	DRUM	7	
13063	O-15084	1062	0022	01/13/84	1	DRUM	7	
13064	NA	NA	NA	09/13/84	1	DRUM	7	
13065	NA	NA	0022	01/13/84	1	DRUM	7	
13066	NA	NA	NA	09/13/84	1	DRUM	7	
13067	O-17161	1270	0045	05/20/85	1	DRUM	6	
13068	O-17160	1270	0045	05/20/85	1	DRUM	6	
13069	O-17162	1270	0045	05/20/85	1	DRUM	6	
13070	O-17159	1270	0045	05/20/85	1	DRUM	6	
13071	NA	1270	0045	05/20/85	1	DRUM	7	CCD000820407
13072	O-17111	1270	0045	05/20/85	1	DRUM	7	
13073	NA	1270	0045	/ /	1	DRUM	7	CCD00082047,07258-2
13074	O-17167	1270	0045	05/20/85	1	DRUM	7	, COLO S
13075	O-17173	1270	0045	05/20/85	1	DRUM	6	
13078	O-17171	1270	0045	05/20/85	1	DRUM	6	
13079	O-17174	1270	0045	05/20/85	1	DRUM	7	
13080	O-17177	1270	0045	05/20/85	1	DRUM	7	
13081	O-17175	1270	0045	05/20/85	1	DRUM	7	
13082	O-17176	1270	0045	05/20/85	1	DRUM	7	
13083	O-17164	1270	0045	05/20/85	1	DRUM	7	
13084	O-17163	1270	0045	05/20/85	1	DRUM	7	
13085	O-17178	1270	0045	05/28/85	1	DRUM	7	
13086	O-17165	1270	0045	05/20/85	1	DRUM	7	
13087	O-17179	1270	0045	05/28/85	1	DRUM	7	

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13088	O-17180	1270	0045	05/28/85	1	DRUM	7	
13089	O-17181	1270	0045	05/28/85	1	DRUM	7	
13090	O-17083	1270	0045	04/29/85	1	DRUM	7	
13091	O-17185	1270	0045	05/28/85	1	DRUM	7	
13092	O-17182	1270	0045	04/29/85	1	DRUM	7	
13093	O-17184	1270	0045	04/25/85	1	DRUM	7	
13094	O-17187	1270	0045	05/20/85	1	DRUM	7	
13095	O-17188	1270	0045	05/20/85	1	DRUM	7	
13096	O-17186	1270	0045	05/20/85	1	DRUM	7	
13097	O-17189	1270	0045	05/28/85	1	DRUM	7	
13098	O-17195	1270	0045	05/20/85	1	DRUM	7	, 07258-2 ?
13099	O-17196	1270	0045	05/20/85	1	DRUM	7	
13100	4A-19960	MCR	0002	02/21/86	1	DRUM	6	6
13101	M-20811	1700	0004	05/06/85	1	DRUM	8	
13102	M-20812	1700	0004	05/14/85	1	DRUM	8	SOIL
13103	M-20796	1700	0004	05/14/85	1	DRUM	8	SOIL
13104	M-20810	1700	0004	03/14/85	1	DRUM	8	SOIL
13105		1751	0010	05/23/85	2	DRUM	7	L
13106	M-21297	1751	0006	05/13/85	2	DRUM	7	SOIL
13107	M-21294	1751	0010	05/23/85	2	DRUM	7	SOIL
13108	M-21296	1751	0010	05/23/85	2	DRUM	7	SOIL
13109	4A-19894	MCR	0002	02/06/86	1	DRUM	6	6 SHRCOR
13110	4A-19893	MCR	0002	02/06/86	1	DRUM	6	
13111	4A-19904	MCR	0002	02/07/86	1	DRUM	6	
13112	M-18204	NA	0001	06/18/85	2	DRUM	8	SOIL
13113	LC-21373	1760	0051	03/20/85	1	DRUM	6	
13114	O-19529	1574	0007	01/08/85	1	DRUM	7	
13115	M-17697	1325	0004	06/25/85	2	DRUM	8	OIL DRY
13116	NA		0004	03/27/85	1	DRUM	6	
13117	CP-2616	MCR	0002	05/21/85	1	DRUM	6	
13118	CP-2615	MCR	0002	05/21/85	1	DRUM	6	
13119	CP-2613	MCR	0002	05/21/85	1	DRUM	6	
13120	CP-2614	MCR	0002	05/21/85	1	DRUM	6	
13121	CP-2588	MCR	0002	06/12/85	1	DRUM	6	
13122	CP-2586	MCR	0002	05/12/85	1	DRUM	6	
13123	CP-2584	MCR	0002	05/12/85	1	DRUM	6	
13124	CP-2585	MCR	0002	05/12/85	1	DRUM	6	
13125	M-20023	1622	0006	11/12/85	1	DRUM	7	
13126	M-20020	1622	0006	11/02/85	1	DRUM	7	
13127	M-20021	1622	0006	11/12/85	1	DRUM	7	SOIL
13128	M-20022	1622	0006	11/12/85	1	DRUM	7	SOIL
13129	M-20064	1622	0006	11/12/85	1	DRUM	7	SOIL
13130	M-20061	1622	0006	11/12/85	1	DRUM	7	SOIL
13131	M20062	1622	0006	11/06/85	1	DRUM	7	SOIL
13132	M-20063	1622	0006	01/06/85	1	DRUM	7	SOIL

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13133	M-20076	1622	0006	11/06/85	1	DRUM	7	SOIL
13134	M-20073	1622	0006	11/06/85	1	DRUM	7	SOIL
13135	M-20074	1622	0006	11/06/85	1	DRUM	7	SOIL
13136	M-20075	1622	0006	11/06/85	1	DRUM	7	SOIL
13137	M-20071	1622	0006	11/06/85	1	DRUM	7	SOIL
13138	M-20070	1622	0006	11/06/85	1	DRUM	7	SOIL
13139	M-20069	1622	0006	11/06/85	1	DRUM	7	SOIL
13140	M-20072	1622	0006	11/06/85	1	DRUM	7	SOIL
13141	NA	1622	0006	11/08/85	1	DRUM	7	SOIL
13142	M-20026	1622	0006	11/12/85	1	DRUM	7	SOIL
13143	M-20027	1622	0006	11/12/85	1	DRUM	7	SOIL
13144	M-20025	1622	0006	11/12/85	1	DRUM	7	SOIL
13145	M-20057	1622	0006	11/06/85	1	DRUM	7	SOIL
13146	M-20059	1622	0006	11/06/85	1	DRUM	7	SOIL
13147	M-20060	1622	0006	11/06/85	1	DRUM	7	SOIL
13148	M-20058	1622	0006	11/06/85	1	DRUM	7	SOIL
13149	NA	1622	0006	11/06/85	1	DRUM	8	SOIL
13150	M-20052	1622	0006	11/06/85	1	DRUM	8	SOIL
13151	M-20053	1622	0006	11/06/85	1	DRUM	8	CONCRT
13152	M-20054	1622	0006	11/06/85	1	DRUM	8	CONCRT
13153	M-20048	1622	0006	11/06/85	1	DRUM	7	SOIL
13154	M-20050	1622	0006	11/06/85	1	DRUM	7	SOIL
13155	M-20051	1622	0006	11/06/85	1	DRUM	7	SOIL
13156	M-20049	1622	0006	11/06/85	1	DRUM	7	SOIL
13157	M-20060	1622	0006	11/06/85	1	DRUM	7	SOIL
13158	M-20069	1622	0006	11/06/85	1	DRUM	7	SOIL
13159	M-20066	1622	0006	11/06/85	1	DRUM	7	SOIL
13160	M-20067	1622	0006	11/06/85	1	DRUM	7	SOIL
13161	M-20044	1622	0006	11/06/85	1	DRUM	7	SOIL
13162	M-20046	1622	0006	11/06/85	1	DRUM	7	SOIL
13163	M-20043	1622	0006	11/06/85	1	DRUM	7	SOIL
13164	M-20045	1622	0006	11/06/85	1	DRUM	7	SOIL
13165	M-20041	1622	0006	11/06/85	1	DRUM	8	SOIL
13166	M-20042	1622	0006	01/06/85	1	DRUM	8	SOIL
13168	M-20040	1622	0006	01/06/85	1	DRUM	8	SOIL
13169	M-20037	1622	0006	11/06/85	1	DRUM	8	SOIL
13170	M-20038	1622	0006	11/06/85	1	DRUM	8	SOIL
13171	M-20039	1622	0006	11/06/85	1	DRUM	8	SOIL
13172	M-20036	1622	0006	11/06/85	1	DRUM	8	SOIL
13173	M-16957	1259		/ /	0			
13173	M-20032	1622	0006	11/06/85	1	DRUM	8	SOIL
13174	M-20034	1622	0006	11/06/85	1	DRUM	8	.CONCRT
13175	M-20035	1622	0006	11/06/85	1	DRUM	7	.CONCRT
13176	M-20033	1622	0006	11/06/85	1	DRUM	8	.CONCRT
13177	M-20028	1622	0006	11/12/85	1	DRUM	8	SOIL
13178	M-20030	1622	0006	11/12/85	1	DRUM	8	SOIL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
13179	M-20031	1622	0006	11/12/85	1	DRUM	8	TRSH
13180		1622	0006	11/12/85	1	DRUM	8	
13181	M-17239	1274	0016	05/06/85	1	DRUM	7	SOIL
13182	M-17242	1274	0016	05/06/85	1	DRUM	7	SOIL
13183	M-17241	1274	0016	05/06/85	1	DRUM	7	SOIL
13184	M-17240	1274	0016	05/06/85	1	DRUM	7	SOIL
13185	M-17268	1274	0016	05/06/85	1	DRUM	7	SOIL
13186	M-17269	1274	0016	05/06/85	1	DRUM	7	SOIL
13187	M-17266	1274	0016	05/06/85	1	DRUM	7	SOIL
13188	M-17277	1274	0016	05/06/85	1	DRUM	7	SOIL
13189	M-18744	1487	0006	05/24/85	1	DRUM	8	SOIL
13190	M-18759	1487	0006	05/30/85	1	DRUM	8	SOIL
13191		NA	NA	05/20/85	1	DRUM	8	
13192	M-18767	1487	0006	05/07/85	1	DRUM	6	FLTR
13193	O-1391	1391	0001	08/07/85	1	DRUM	7	SOIL
13194	M-18263	1410	0001	08/07/85	1	DRUM	7	SOIL
13195	M-18261	1410	0001	08/07/85	1	DRUM	8	SOIL
13196	NA	MCR	0001	08/07/85	1	DRUM	6	SHR COR
13197	M-16968	1259	0004	11/30/02	1	DRUM	8	TRSH
13198	M-17493	1314	0002	03/15/85	1	DRUM	8	TRSH
13199	M-17102	1266	0004	03/01/85	1	DRUM	8	SOIL
13200	M-17100	1266	0004	03/15/85	1	DRUM	8	SOIL
13201	M-16948	1259	0006	03/01/85	1	DRUM	8	TRSH
13202	M-16051	1174	0016	03/19/85	1	DRUM	7	SOIL
13203	M-16045	1174	0016	03/14/85	1	DRUM	8	SOIL
13204	M-16047	1174	0016	03/04/85	1	DRUM	8	TRSH
13205	M-16614	1219	0016	03/27/85	1	DRUM	7	SOIL
13206	M-16617	1219	0016	03/27/85	1	DRUM	7	SOIL
13207	M-16616	1219	0016	03/27/85	1	DRUM	7	SOIL
13208	M-16615	1219	0016	03/27/85	1	DRUM	7	SOIL
13209	M-16578	1219	0016	03/27/85	1	DRUM	8	SOIL
13210	M-16579	1219	0016	03/27/85	1	DRUM	8	SOIL
13211	NA	1228	0047	03/22/85	1	DRUM	6	FLTR
13212	M-16581	1219	0016	03/27/85	1	DRUM	8	SOIL
13213	M-16611	1219	0016	03/18/85	1	DRUM	7	SOIL
13214	M-16610	1219	0016	03/20/85	1	DRUM	7	SOIL
13215		1219	0016	03/04/85	1	DRUM	7	.OILDRY
13216	M-16612	1219	0016	03/04/85	1	DRUM	7	
13217	M-16397	1206	0017	04/30/85	1	DRUM	8	SOIL
13218	M-16398	1206	0017	04/30/85	1	DRUM	8	SOIL
13219	M-16389	1206	0017	04/30/85	1	DRUM	8	SOIL
13220	M-16399	1206	0017	04/30/85	1	DRUM	8	SOIL
13221	M-19570	1583	0001	09/22/85	1	DRUM	7	SOIL
13222	19002	NA	0002	09/28/85	1	DRUM	7	SOIL
13223	M-18969	1507	0002	09/03/85	1	DRUM	7	SOIL
13224	M-20220	1645	0002	09/25/85	1	DRUM	7	SOIL

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13225	M-17026	1261	0006	05/13/85	1	DRUM	7	SOIL
13226	M-17028	1261	0006	05/13/85	1	DRUM	7	SOIL
13227	M-17027	1261	0006	/ /	1	DRUM	7	NA SOIL
13228	M-17029	1261	0006	05/12/85	1	DRUM	7	SOIL
13229	M-16978	1261	0006	05/13/85	1	DRUM	7	SOIL
13230	M-16981	1261	0006	05/13/85	1	DRUM	7	SOIL
13231	M-16980	1261	0006	05/13/85	1	DRUM	7	SOIL
13232	M-16979	1261	0006	05/13/85	1	DRUM	7	SOIL
13233	M-16920	1259	0006	05/13/85	1	DRUM	7	SOIL
13234	M-16921	1259	0006	05/13/85	1	DRUM	7	SOIL
13235	M-16922	1259	0006	05/13/85	1	DRUM	7	SOIL
13236	M-16923	1259	0006	05/13/85	1	DRUM	7	SOIL
13237	M-17019	1261	0006	05/13/85	1	DRUM	7	SOIL
13238	M-17262	1274	0016	05/06/85	1	DRUM	7	SOIL
13239	M-17263	1274	0016	05/06/85	1	DRUM	7	.WOOD
13240	M-17265	1274	0016	05/06/85	1	DRUM	7	.WOOD
13241	M-17264	1274	0016	05/06/85	1	DRUM	7	.WOOD
13242	M-17248	1274	0016	05/06/85	1	DRUM	7	SOIL
13243	M-17247	1274	0016	05/06/85	1	DRUM	7	SOIL
13244	M-17250	1274	0016	05/06/85	1	DRUM	7	SOIL
13245	M-17249	1274	0016	05/06/85	1	DRUM	7	SOIL
13246	NA	1259	0006	05/13/85	1	DRUM	7	SOIL
13247	M-16919	1259	0006	05/13/85	1	DRUM	7	SOIL
13248	M-16916	1259	0006	05/13/85	1	DRUM	7	SOIL
13249	M-16917	1259	0006	05/13/85	1	DRUM	7	SOIL
13250	M-16981	1261		/ /	0			
13251	M-16974	1261	0006	05/13/85	1	DRUM	7	SOIL
13252	M-16976	1261	0006	05/13/85	1	DRUM	7	SOIL
13253	M-16977	1261	0006	05/13/85	1	DRUM	7	SOIL
13254	M-16930	1259	0006	05/13/85	1	DRUM	7	SOIL
13255	M-16929	1259	0006	05/13/85	1	DRUM	7	SOIL
13256	M-16931	1259	0006	05/13/85	1	DRUM	7	SOIL
13257	M-16928	1259	0006	05/13/85	1	DRUM	7	SOIL
13258	17120	NA	0006	05/13/85	1	DRUM	7	SOIL
13259	M-17021	1261	0006	05/13/85	1	DRUM	7	SOIL
13260	M-17018	1261	0006	05/13/85	1	DRUM	7	SOIL
13261	O-17194	1270	0045	05/20/85	1	DRUM	7	
13262	O-17197	1270	0045	05/20/85	1	DRUM	7	
13263	T-19663	1588	NA	08/21/85	1	DRUM	7	
13264	OT-19663	1588	NA	08/21/85	1	DRUM	7	
13265	V-0105	MCR	0002	06/05/85	1	DRUM	7	
13266	V-141	MCR	NA	11/13/85	1	DRUM	7	
13267	O-16382	1205	0017	01/07/84	1	DRUM	7	
13268	O-16480	1203	0017	01/07/84	1	DRUM	7	
13269	O-16483	1203	0017	01/07/84	1	DRUM	7	
13270	O-16481	1203	0017	/ /	1	DRUM	7	NA

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13271	OX-359	MCR	0002	12/19/84	1	DRUM	7	
13272	OX-356	MCR	0002	12/19/84	1	DRUM	7	
13273	OX-357	MCR	0002	12/19/84	1	DRUM	7	
13274	OX-358	MCR	0002	12/19/84	1	DRUM	7	
13275	V-055	MCR	0002	12/06/84	1	DRUM	7	
13276	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
13277	O-8109 ?	456	0002	11/10/84	1	DRUM	7	
13278	V-058	MCR	0002	12/19/84	1	DRUM	7	
13279	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
13280	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL
13281	O-16022	1164	0053	/ /	1	DRUM	7	NA
13282	L-15720?	NA	0002	03/27/85	1	DRUM	7	
13283	L-15715	NA	0002	03/27/85	1	DRUM	7	
13284	L-15719	NA	0002	03/27/85	1	DRUM	7	
13285	L-15716	NA	0002	02/27/85	1	DRUM	7	
13286	L-15715	NA	0002	03/27/85	1	DRUM	7	
13287	O-16674	1226	0021	09/21/84	1	DRUM	7	
13288	M-16326	1196	0007	03/29/85	1	DRUM	7	TRSH
13289	LC-16136	1179	NA	11/01/84	1	DRUM	7	
13290	NA	1226	0021	02/01/85	1	DRUM	7	
13291	M-16327	1196	0007	07/29/85	1	DRUM	7	TRSH
13292	M-17034	1261	0006	05/13/85	1	DRUM	7	
13293	M-16665	1226	0021	07/20/84	1	DRUM	7	TRSH
13294	M-16669	1226	0021	01/23/85	1	DRUM	7	TRSH
13295	O-17037	1266	0054	05/20/85	1	DRUM	7	
13296	O-17090	1266	0054	03/04/85	1	DRUM	7	
13297	O-17038	1266	0054	05/20/85	1	DRUM	7	
13298	O-17039	1266	0054	05/20/85	1	DRUM	7	
13299	O-17152	1270	0045	05/20/85	1	DRUM	7	
13300	O-17153	1270	0045	05/20/85	1	DRUM	7	
13301	O-17151	1270	0045	05/20/85	1	DRUM	7	
13302	O-17154	1270	0045	05/20/85	1	DRUM	7	, 07258-2 ?
13303	O-17157	1270	0045	05/28/85	1	DRUM	7	
13304	O-17156	1270	0045	05/28/85	1	DRUM	7	
13305	O-17158	1270	0045	05/28/85	1	DRUM	7	
13306	O-17155	1270	0045	05/28/85	1	DRUM	7	
13307	NA	1761	NA	01/06/86	1	DRUM	7	
13308	LC-20100	1625	0021	03/21/85	1	DRUM	7	
13309	NA	NA	NA	/ /	1	DRUM	7	NO..LABEL
13310	L-15718	169744	0050	03/20/84	1	DRUM	7	
13311	OX-571	MCR	0002	06/11/85	1	DRUM	7	
13312	R-069	MCR	0002	02/01/84	1	DRUM	7	
13313	OX-569	MCR	0002	06/06/85	1	DRUM	7	
13314	OX-572	MCR	0002	06/11/85	1	DRUM	7	
13315	V-065	MCR	0015	02/03/84	1	DRUM	7	

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13316	V-064	MCR	0002	02/11/85	1	DRUM	7	
13317	V-067	MCR	0002	02/23/85	1	DRUM	7	
13318	V-068	MCR	0002	02/23/85	1	DRUM	7	
13319	O-10459	659	0010	07/16/84	1	DRUM	7	
13320	OX-312	MCR	0002	10/05/84	1	DRUM	7	
13321	O-10460	659	0010	07/16/84	1	DRUM	7	
13322	M-0449	NA	0045	12/08/84	1	DRUM	7	
13323	O-6472	347	0017	10/14/83	1	DRUM	7	
13324	O-13969	947	0055	12/04/84	1	DRUM	7	
13325	O-6497	344	0017	10/18/83	1	DRUM	7	
13326	O-13971	947	0055	12/04/85	1	DRUM	7	
13327	OX-560	MCR	0002	05/24/85	1	DRUM	7	
13328	OX-559	MCR	0002	05/25/85	1	DRUM	7	
13329	OX-561	MCR	0002	09/29/85	1	DRUM	7	
13330	OX-558	MCR	0002	05/24/85	1	DRUM	7	
13331	OX-573	MCR	0002	06/07/85	1	DRUM	7	
13332	M-17074	1266	0002	06/07/85	1	DRUM	7	
13333	OX-571	MCR	0002	06/07/85	1	DRUM	7	
13334	OX-570	MCR	0002	06/07/85	1	DRUM	7	
13335	OX-353	MCR	NA	12/28/84	1	DRUM	7	
13336	NA	NA	NA	/ /	1	DRUM	7	NA
13337	??2446	NA	0002	/ /	1	DRUM	7	NA
13338	NA	NA	NA	/ /	0	DRUM	7	NO LABEL
13339	OX-570	MCR	0002	/ /	1	DRUM	7	NA
13340	OX-577	MCR	0002	06/14/85	1	DRUM	7	
13341	OX-576	MCR	0002	06/14/85	1	DRUM	7	
13342	OX-578	MCR	0002	06/14/85	1	DRUM	7	
13343	OT-12843	853	NA	/ /	1	DRUM	7	NA
13344	NA	NA	0002	01/08/85	1	DRUM	7	
13345	NA	NA	NA	/ /	1	DRUM	7	NO..LABEL
13346	T-14651	981	NA	11/30/09	1	DRUM	7	
13347	OX-524	MCR	0002	04/26/85	1	DRUM	7	
13348	OX-525	MCR	0002	04/26/85	1	DRUM	7	
13349	OX-522	MCR	0002	04/26/85	1	DRUM	7	
13350	OX-523	MCR	0002	04/26/85	1	DRUM	7	
13351	OX-52?	MCR	0002	04/26/85	1	DRUM	7	
13352	OX-527	MCR	0002	04/26/85	1	DRUM	7	
13353	OX-528	MCR	0002	04/26/85	1	DRUM	7	
13354	OX-526	MCR		/ /	0	DRUM	7	
13355	OX-408	MCR	0002	02/12/85	1	DRUM	7	
13356	OX-414	MCR	0002	02/13/85	1	DRUM	7	
13357	NA	NA	NA	/ /	1	DRUM	7	NA
13358	OX-409	MCR	NA	02/13/85	1	DRUM	7	
13359	O-21378	1758	0040	01/14/86	1	DRUM	7	
13360	O-21376	1758	0040	01/14/86	1	DRUM	7	
13361	O-21377	1758	0040	01/14/86	1	DRUM	7	

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13362	OX-266	MCR	0002	09/02/84	1	DRUM	7	
13363	R-151	MCR	0002	10/29/85	1	DRUM	7	
13364	OX-271	MCR	0002	09/02/84	1	DRUM	7	
13365	OX-272	MCR	0002	09/02/85	1	DRUM	7	
13366	NA	NA	NA	/ /	1	DRUM	7	NA
13367	O-10521	MCR	0002	07/18/84	1	DRUM	7	
13368	OT-9926-2	628	0041	06/29/84	1	DRUM	7	
13369	OT-9910	626	0041	07/05/84	1	DRUM	7	
13370	OX-651	MCR	0002	08/16/84	1	DRUM	7	
13371	OX-124?	MCR	0002	08/16/84	1	DRUM	7	
13372	OX-250?	MCR	0002	08/16/84	1	DRUM	7	
13373	OX-175	MCR	0002	05/07/84	1	DRUM	7	
13374	OT-10325NA	654	0060	07/19/84	1	DRUM	7	
13375	OT-10331	654	0060	09/19/84	1	DRUM	7	
13376	OT-10315	654	0060	07/19/84	1	DRUM	6	
13377	OT-10318	654	0060	07/19/84	1	DRUM	7	
13378	O10627	NA	0002	04/12/85	1	DRUM	7	
13379	OX-589	MCR	0002	10/21/85	1	DRUM	7	
13380	NA	NA	NA	/ /	0	DRUM	7	TRSH
13381	NA	NA	0002	10/21/84	1	DRUM	7	
13382	NA	NA	0002	02/23/85	1	DRUM	7	
13383	O-17406	1287	0002	02/23/85	1	DRUM	7	
13384	OX-153	MCR	0002	06/25/84	1	DRUM	7	
13385	OX-428	MCR	0002	02/23/85	1	DRUM	7	
13386	OT-20950	1719	NA	12/01/85	1	DRUM	7	
13387	OT-18150	1395	NA	07/28/85	1	DRUM	7	
13388	OT-20950	1719	NA	12/01/85	1	DRUM	7	
13389	OT-18146	1395	NA	07/28/85	1	DRUM	7	
13390	NA		NA	/ /	0	DRUM	6	NA
13391	LC-18779	1486	0006	07/26/85	1	DRUM	6	
13392	LC-15980	1259	0006	/ /	1	DRUM	6	NA
13393	O-98073	NA	0062	02/15/85	1	DRUM	6	
13394	V-021	MCR	0002	01/11/84	1	DRUM	7	
13395	LC-20399	1667	0015	11/29/84	1	DRUM	6	
13396	LC-16958	1259	0006	03/11/85	1	DRUM	6	
13397	LC-20877	1709	0063	11/15/85	1	DRUM	6	
13398	OX-338	MCR	0002	11/05/84	1	DRUM	7	
13399	OT-18146	1395	0002	11/05/84	1	DRUM	7	
13400	OX-337	MCR		/ /	0			
13400	OX-339	MCR	0002	11/05/86	1	DRUM	7	
13401	OX-33?	MCR	0002	11/05/84	1	DRUM	7	
13402	NA	NA	NA	/ /	1	DRUM	7	NA
13403	NA	NA	NA	/ /	0	DRUM	7	NA
13404	O-7???	467	NA	02/08/84	1	DRUM	7	
13405	1467	1467	0064	02/08/84	1	DRUM	7	
13406	O-18952	NA	0002	09/25/85	1	DRUM	6	

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13407	O-18949	NA	0002	09/25/85	1	DRUM	6	
13408	O-18951	NA	0002	09/25/85	1	DRUM	6	
13409	O-18950	NA	0002	09/25/85	1	DRUM	6	
13410	OX-505	MCR	NA	04/12/85	1	DRUM	7	
13411	OX-526	MCR	0002	04/12/85	1	DRUM	7	
13412	OX-509	MCR	0005	/ /	1	DRUM	7	NA
13413	OX-503	MCR	0065	/ /	2	DRUM	7	NA
13414	O-9988	NA	0002	06/27/84	1	DRUM	7	
13415	O-10526	MCR	0002	07/18/84	1	DRUM	7	
13416	O-10525	MCR	0002	07/13/84	1	DRUM	7	,T-2694
13417	O-10524	MCR	0002	07/18/84	1	DRUM	7	,T-2999
13418	O-11012	NA	0002	08/08/84	1	DRUM	7	
13419	O-14699	1003	0063	02/15/84	1	DRUM	7	
13420	O-8960	MCR	0002	05/07/84	1	DRUM	7	
13421	O-8850	MCR	0002	04/30/84	1	DRUM	7	
13422	O-11962	776	0066	07/27/84	1	DRUM	7	
13423	O-11994	779	0067	04/26/84	1	DRUM	7	
13424	O-16963	NA	0066	07/27/84	1	DRUM	7	
13425	O-18791	1463	0068	05/14/85	1	DRUM	7	
13426	O-18790	1469	0068	02/28/85	1	DRUM	7	
13427	L-2315	1079-2	0069	12/10/82	1	DRUM	7	
13428	NA	1146	0001	03/20/85	1	DRUM	7	
13429	O-19074	NA	0002	10/08/85	1	DRUM	7	
13430	O-19075	NA	0002	10/08/85	1	DRUM	7	
13431	O-19073	NA	0002	10/08/85	1	DRUM	7	
13432	O-19076	NA	0002	10/08/85	1	DRUM	7	
13433	NA	NA	NA	/ /	1	DRUM	7	NA
13434	NA	NA	NA	/ /	0	DRUM	7	NA
13436	NA	2967	NA	/ /	1	DRUM	7	NA
13437	O-9142	NA	NA	/ /	1	DRUM	7	NA
13438	LC-17487	1304	0015	04/04/85	1	DRUM	6	
13439	2593-6	224	NA	03/07/84	1	DRUM	7	TRSH
13440	M-19201	NA	0002	10/16/85	1	DRUM	7	
13441	O-21383	1759	0059	10/30/85	1	DRUM	7	
13442	O-10900	694	0001	08/02/84	1	DRUM	7	
13443	O-21384	1759	0059	11/04/85	1	DRUM	7	
13444	O-18855	1482	0027	07/22/85	1	DRUM	7	
13445	OX-444	MCR	0002	03/06/85	1	DRUM	7	
13446	CP-1350	MCR	0002	09/17/84	1	DRUM	7	
13447	OX-490	MCR	0002	04/05/85	1	DRUM	7	
13448	OX-443	MCR	0002	03/06/85	1	DRUM	7	
13449	OX-418	MCR	0002	02/19/85	1	DRUM	7	
13450	OX-417	MCR	0002	02/19/85	1	DRUM	7	
13451	OX-415	MCR	0002	02/19/85	1	DRUM	7	
13452	OX-416	MCR	0002	02/19/85	1	DRUM	7	
13453	NA	NA	NA	/ /	1	DRUM	7	NO.LABEL

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13454	NA	NA	NA	/ /	0	DRUM	7	NO.LABEL
13455	NA	NA	NA	/ /	0	DRUM	7	NO.LABEL
13456	NA	NA	NA	/ /	0	DRUM	7	NO.LABEL
13457	NA	NA	0002	/ /	1	DRUM	7	NA
13458	NA	NA	0002	01/30/85	1	DRUM	7	
13459	OX-?	MCR	0002	/ /	1	DRUM	7	NA
13460	OX-396	MCR	0002	01/30/85	1	DRUM	7	
13461	O-21375	1758	0040	01/14/86	1	DRUM	7	
13462	M-17234	1274	0016	05/06/85	1	DRUM	7	SOIL
13463	M-17230	1274	0016	05/06/85	1	DRUM	7	SOIL
13464	M-17231	1274	0016	05/06/85	1	DRUM	7	SOIL
13465	M-17233	1274	0016	05/06/85	1	DRUM	7	SOIL
13466	M-17254	1274	0016	05/06/85	1	DRUM	7	SOIL
13467	M-17251	1274	0016	05/06/85	1	DRUM	7	SOIL
13468	M-17252	1274	0016	05/06/85	1	DRUM	7	SOIL
13469	M-17253	1274	0016	05/06/85	1	DRUM	7	SOIL
13470	M-17271	1274	0016	05/06/85	1	DRUM	7	WOOD
13471	M-16986	1261	0056	05/15/85	1	DRUM	7	SOIL
13472	16631	MCR	0002	05/09/85	1	DRUM	7	OIL DRY
13473	16632	MCR	0002	05/09/85	1	DRUM	7	
13474	M-17032	1261	0006	05/13/85	1	DRUM	7	SOIL
13475	M-17033	1261	0006	05/13/85	1	DRUM	7	SOIL
13476	M-17030	1261	0006	05/13/85	1	DRUM	7	SOIL
13477	M-17031	1261	0006	05/13/85	1	DRUM	7	SOIL
13478	M-19066	1510	0057	05/01/85	1	DRUM	7	WOOD, MCR
13479	M-20802	1700	0004	05/01/85	1	DRUM	7	SOIL
13480	M-19065	1510	0057	05/01/85	1	DRUM	7	WOOD
13481	M-20803	1700	0004	05/06/85	1	DRUM	7	SOIL
13482	M-17014	1261	0006	05/13/85	1	DRUM	7	SOIL
13483	NA	1261	0006	05/13/85	1	DRUM	7	SOIL
13484	M-17016	1261	0006	05/13/85	1	DRUM	7	SOIL
13485	M-17015	1261	0006	05/13/85	1	DRUM	7	SOIL
13486	M-17258	1274	0016	05/06/85	1	DRUM	7	SOIL
13487	M-17259	1274	0016	05/06/85	1	DRUM	7	WOOD
13488		1274	0016	05/06/85	1	DRUM	7	L
13489	M-17260	1274	0016	05/06/85	1	DRUM	7	WOOD
13490	16015	1121, MCR	0002	06/14/85	1	DRUM	7	SOIL
13491	17140	NA	0002	05/24/85	1	DRUM	7	SOIL
13492		1121	0002	05/14/85	1	DRUM	7	
13493	M-17392	1278	0002	05/04/85	1	DRUM	7	TRSH
13494	M-16915	1259	0006	05/13/85	1	DRUM	7	SOIL
13495	M-16914	1259	0006	05/13/85	1	DRUM	7	SOIL
13496	M-16913	1259	0006	05/13/85	1	DRUM	7	SOIL
13497	M-16912	1259	0006	05/13/85	1	DRUM	7	SOIL
13498	M-15622	1117	0016	03/15/85	1	DRUM	7	SOIL
13499	M-15619	1117	0016	03/15/85	1	DRUM	7	WOOD

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13500	M-15620	1117	0016	02/15/85	1	DRUM	7	SOIL
13501	M-15621	1117	0016	03/15/85	1	DRUM	7	SOIL
13502	M-16699	1228	0047	03/20/85	1	DRUM	7	TRSH
13503	M-16608	1219	0016	03/29/85	1	DRUM	7	TRSH
13504	M-16603	1219	0016	03/27/85	1	DRUM	7	SOIL
13505	M-16046	1174	0016	03/04/85	1	DRUM	7	WIRE
13506	OX-468	MCR	0002	03/25/85	1	DRUM	7	
13507	OX-469	MCR	0002	03/24/85	1	DRUM	7	
13508	OX-470	MCR	0002	03/25/85	1	DRUM	7	
13509	LC-12400	805	0058	09/18/84	1	DRUM	7	
13510	OX-510	MCR	0002	04/10/85	1	DRUM	7	
13511	OX-499	MCR	0022	04/10/85	2	DRUM	7	
13512	OX-502	MCR	0002	04/10/85	1	DRUM	7	
13513	OX-501	MCR	0002	04/10/85	1	DRUM	7	
13514	4A-19798	MCR	0002	01/10/85	1	DRUM	6	OR
13515	4A-19799	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
13516	4A-19796	MCR	0002	/ /	1	DRUM	6	
13517	4A-19797	MCR	0002	04/10/85	1	DRUM	6	5 SHRCOR
13518	4A-19830	MCR	0002	01/10/85	1	DRUM	6	OR
13519	4A-19829	MCR	0002	01/10/85	1	DRUM	6	OR
13520	4A-19836	MCR	0002	01/10/85	1	DRUM	6	OR
13521	4A-19831	MCR	0002	01/10/85	1	DRUM	6	OR
13522	CP-2575	MCR	0002	05/08/85	1	DRUM	6	COR
13523	CP-2579	MCR	0002	05/08/85	1	DRUM	6	COR
13524	CP-2576	MCR	0002	05/08/85	1	DRUM	6	SHRCOR
13525	CP-2578	MCR	0002	05/08/85	1	DRUM	6	SHRCOR
13526	CP-1695	MCR	0002	01/25/84	1	DRUM	7	COR
13527	CP-1697	MCR	0002	01/25/84	11	DRUM	7	COR
13528	CP-1692	MCR	0002	11/04/84	1	DRUM	7	SHRCOR
13529	CP-1696	MCR	0002	01/25/84	1	DRUM	7	SRHCOR
13530			0002	11/08/84	1	DRUM	6	
13531	CP-1732	MCR	0002	11/08/84	1	DRUM	6	SHRCOR
13532	CP-1730	MCR	0002	11/08/84	1	DRUM	6	COR
13533	CP-1733	MCR	0002	11/11/84	1	DRUM	6	COR
13534	CP-2645	MCR	0002	05/29/85	1	DRUM	6	
13535	CP-2647	MCR	0002	05/29/85	1	DRUM	6	
13536	CP-2646	MCR	0002	05/29/85	1	DRUM	6	COR
13537	C-16084	1176	0061	/ /	2	DRUM	6	NA
13538	C-16678	1226	0021	11/01/84	1	DRUM	6	
13539	LC-16667	1226	0021	02/22/85	1	DRUM	6	
13540	C-16672	1226	0021	04/02/85	1	DRUM	6	
13541	C-16670	1226	0021	01/07/85	1	DRUM	6	
13542	LC-18179	1418	0062	/ /	1	DRUM	6	-NA
13543	LC-18180	1418	0062	/ /	1	DRUM	6	NA
13544	LC-18178	1418	0062	/ /	1	DRUM	6	NA
13545	NA	1418	0062	/ /	1	DRUM	6	NA

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13546	19172	NA	0002	06/15/85	1	DRUM	7	DIRT
13547	19202	NA	0002	10/16/85	1	DRUM	7	DIRT
13548	19028?	MCR	0002	10/09/85	1	DRUM	7	
13549	M-19530	1553	NA	10/22/85	1	DRUM	7	DEBRS
13550	M-19562	1583	0002	10/07/85	1	DRUM	6	OIL DR
13551	M-21134	1705	0004	07/23/85	1	DRUM	7	
13552	NA	1259	0008	/ /	1	DRUM	6	NA
13553	NA	NA	NA	/ /	0	DRUM	6	NA
13554	M-21157	1705	0004	07/23/85	1	DRUM	6	
13555	M-21158	1705	0004	07/23/85	1	DRUM	6	
13556	M-21159	1705	0004	07/23/85	1	DRUM	7	DIRT
13557	M-21160	1705	0004	07/23/85	1	DRUM	6	
13558	M-19309	1539	0004	10/17/85	1	DRUM	7	SOIL
13559	M-19310	1539	0054	10/10/85	1	DRUM	7	OILDR
13560	M-19311	1539	0054	09/25/85	1	DRUM	7	SOIL
13561	M-19274	1539	0054	10/17/85	1	DRUM	7	SOIL
13562	M-17684	1325	0004	06/25/85	1	DRUM	7	DIRT
13563	4A-2490	MCR	0002	06/21/84	1	DRUM	7	4
13564	4A-2489	MCR	0002	06/21/84	1	DRUM	7	
13565	NA	NA	0002	06/15/84	1	DRUM	7	
13566	O-10256	NA	0002	07/10/84	1	DRUM	7	
13567	O-10458	659	0010	07/16/84	1	DRUM	7	
13568	O-10454	659	0010	07/16/84	1	DRUM	7	
13569	O-10452	659	0010	07/16/84	1	DRUM	7	
13570	O-10453	659	0010	07/16/84	1	DRUM	7	
13571	O-21165	1722	0045	10/18/85	1	DRUM	7	08-29-
13572	O-21216	1736 2736?	0070	/ /	1	DRUM	7	NA
13573	O-20921	1708	0032	/ /	1	DRUM	7	NA
13574	O-16111	1181	0071	04/09/85	1	DRUM	6	
13575	O-16101	1181	0071	04/09/85	1	DRUM	6	
13576	O-16112	1181	0071	04/09/85	1	DRUM	6	
13577	O-16102	1181	0071	04/09/85	1	DRUM	6	
13578	O-16109	1181	0071	04/09/85	1	DRUM	6	
13579	O-16099	1181	0071	04/09/85	1	DRUM	6	
13580	O-16110	1181	0071	04/09/85	1	DRUM	6	
13581	O-16100	1181	0071	04/09/85	1	DRUM	6	
13582	OX-495	MCR	0002	04/08/85	1	DRUM	6	
13583	OX-498	MCR	0002	01/08/85	1	DRUM	6	
13584	OX-496	MCR	0002	04/08/85	1	DRUM	6	
13585	OX-497	MCR	0002	04/08/85	1	DRUM	6	
13586	LC-21336	1752	0010	07/12/85	1	DRUM	6	-OILDRY
13587	LC-21337	1752	0010	06/11/85	1	DRUM	6	OILDRY
13588	LC-21335	1752	0010	03/28/85	1	DRUM	6	-OILDRY
13589	LC-21338	1752	0010	03/29/85	1	DRUM	6	OILDRY
13590	LC-21324	1752	0010	03/05/85	1	DRUM	6	-OILDRY
13591	LC-21323	1752	0010	01/25/85	1	DRUM	6	OILDRY

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13592	LC-21320	1752	0010	02/15/85	1	DRUM	6	-OILDRY
13593	LC-21325	1752	0010	05/24/85	1	DRUM	6	OILDRY
13594	LC-21328	1752	0010	09/19/85	1	DRUM	6	OILDRY
13595	LC-21330	1752	0010	08/25/85	1	DRUM	6	OILDRY
13596	LC-21324	1752	0010	07/17/85	1	DRUM	6	-OILDRY
13597	LC-21329	1752	0010	07/23/85	1	DRUM	6	OD
13598	LC-21334	1752	0010	03/21/85	1	DRUM	6	-OILDRY
13599	LC-21331	1752	0010	07/12/85	1	DRUM	6	OD
13600	LC-21333	1752	0010	07/23/85	1	DRUM	6	OILDRY
13601	LC-21332	1752	0010	/ /	1	DRUM	6	01752 OD
13602	LC-21192	1725	0001	11/18/85	1	DRUM	7	-OILDRY
13603	LC-21174	1725	0001	/ /	1	DRUM	7	NA OD IN-85
13604	LC-21191	1725	0001	11/29/85	1	DRUM	7	-OILDRY
13605	LC-21193	1725	0001	10/30/85	1	DRUM	7	
13606	VD-118	MCR	0002	03/01/85	1	DRUM	6	
13607	VD-101	MCR	0002	09/25/85	1	DRUM	6	
13608	VDN-1	MCR	0002	09/10/85	1	DRUM	6	
13609	VD-119	MCR	0002	02/01/85	1	DRUM	6	
13610	O-10622	665	0015	07/20/84	1	DRUM	6	
13611	O-15661 ?	665	0015	07/20/84	1	DRUM	6	
13612	O-10623	665	0015	07/20/84	1	DRUM	6	
13613	NA	NA	0002	/ /	1	DRUM	6	NA TRANS NO9976
13614	OX-377	MCR	0002	01/08/85	1	DRUM	7	
13615	OX-375	MCR	0002	01/08/85	2	DRUM	7	
13616	OX-?	MCR	0002	01/08/85	1	DRUM	7	
13617		NA	0002	01/08/85	1	DRUM	7	5
13618	O-189848	NA	0002	09/25/85	1	DRUM	6	
13619	PST-315?	MCR	NA	05/08/84	1	DRUM	6	
13620			0002	09/12/84	1	DRUM	6	
13621	PST-315?	MCR	NA	03/07/84	1	DRUM	6	
13622	O-21276	1748	0016	10/03/85	1	DRUM	7	
13623	O-21275	1748	0016	07/10/85	1	DRUM	6	
13624	O-21277	1748	0016	10/03/85	1	DRUM	6	
13625	O-21274	1748	0016	01/09/86	1	DRUM	6	
13626	O-21264	1748	0016	10/03/85	1	DRUM	7	,WTU
13627	O-21262	1748	0016	11/04/85	1	DRUM	7	,WTU
13628	O-21265	1748	0016	10/03/85	1	DRUM	7	,WTU
13629	O-21263	1748	0016	10/03/85	1	DRUM	7	,WTU
13630	O-20905	1708	0032	/ /	1	DRUM	7	NAA
13631	O-20907	1708	0032	/ /	1	DRUM	7	NA
13632	O-20906	1708	0032	/ /	1	DRUM	7	NA
13633	O-20908	1708	0032	/ /	1	DRUM	7	NA
13634	O-20897	1708	0032	/ /	1	DRUM	7	NA
13635	O-20899	1708	0032	/ /	1	DRUM	7	NA

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13636	O-20898	1708	0032	/ /	1	DRUM	7	NA
13637	O-20900	1708	0032	/ /	1	DRUM	7	NA
13638	O-20901	1708	0032	/ /	1	DRUM	7	NA
13639	O-20903	1708	0032	/ /	1	DRUM	7	NA
13640	O-20902	1708	0032	/ /	1	DRUM	7	NA
13641	O-20904	1708	0032	/ /	1	DRUM	7	NA
13642	O-21209	1739	0048	/ /	1	DRUM	7	NA
13643	O-21217	1736	0048	/ /	1	DRUM	7	NA
13644	O-21208	1336	0048	/ /	1	DRUM	7	NA
13645	O-21207	1739	0048	/ /	1	DRUM	7	NA
13646	O-20910	1708	0032	/ /	1	DRUM	7	NA
13647	O-16246	1195	0007	04/04/85	1	DRUM	7	
13648	O-20909	1708	0032	/ /	1	DRUM	7	NA
13649	O-20919	1708	0032	/ /	1	DRUM	7	NA
13650	O-21167	1724	0001	10/31/85	1	DRUM	7	, KPL
13651	O-21170	1724	0001	10/01/85	1	DRUM	7	
13652	O-20913	1708	0032	/ /	1	DRUM	7	NA, PET
13653	NA	NA	NA	/ /	0	DRUM	6	NA
13654	O-19149	NA	0002	10/14/85	1	DRUM	6	
13655	NA	NA	NA	/ /	0	DRUM	6	NA
13656	NA	NA	NA	/ /	1	DRUM	6	NA
13657	O-16671	759	0044	08/30/84	1	DRUM	7	
13658	O-16673	759	0044	08/28/84	1	DRUM	7	,0308110?
13659	O-16676	759	0044	08/30/84	1	DRUM	7	
13660	O-16673	759	0044	02/20/84	1	DRUM	7	
13661	O-11626	MCR	0002	08/30/84	1	DRUM	7	
13662	O-11624	MCR	0002	08/30/84	1	DRUM	7	
13663	C-11627	NA	0002	08/30/84	1	DRUM	7	
13664	O-11625	MCR	0002	08/30/84	1	DRUM	7	
13665	R-123	MCR	0002	08/31/84	1	DRUM	7	
13666	C-18393	1426	0001	06/05/85	1	DRUM	7	OILDRY
13667	M-17627	1330	0007	06/05/85	1	DRUM	7	SOIL
13668	M-17624	1330	0017	/ /	1	DRUM	7	06-85 SOIL
13669	M-17625	1330	0017	06/06/85	1	DRUM	7	SOIL
13670	M-19296	1539	0004	10/09/85	1	DRUM	6	MTDRUM
13671	LC-20769	1696	0001	09/22/85	1	DRUM	7	SOIL
13672	M-19560	1583	0001	10/01/85	1	DRUM	7	TRSH
13673	19003	NA	0002	09/25/85	1	DRUM	7	TRSH
13674			0002	05/21/85	1	DRUM	6	
13675	OX-554	MCR		/ /	0		0	
13675	OX-556	MCR	0002	05/21/85	1	DRUM	6	
13676	OX-555	MCR	0002	03/21/85	1	DRUM	6	
13677	OX-533	MCR	0002	05/21/85	1	DRUM	6	
13678	LC-20768	1696	0016	04/19/86	1	DRUM	7	WCAPS
13679	LC-20767	1696	0016	10/16/85	1	DRUM	7	WCAPS
13680	LC-20770	1696	0016	10/02/85	1	DRUM	7	WCAPS

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13681		1696	0016	10/07/85	1	DRUM	7	
13682	LC-20445	1664	0015	07/31/85	1	DRUM	6	WCAPS
13683	LC-20444	1664	0015	07/31/85	1	DRUM	6	WCAPS
13684	LC-20442	1664	0015	11/29/85	1	DRUM	6	WCAPS
13685	LC-20446	1664	0015	07/31/85	1	DRUM	6	WCAPS
13686	C-18068	1369	0016	06/24/85	1	DRUM	6	WCAPS
13687	NA	1369	0016	04/02/85	1	DRUM	6	WCAPS
13688	LC-18070	1369	0016	04/25/85	1	DRUM	6	WCAPS
13689	C-18069	1369	0016	06/24/85	1	DRUM	6	WCAPS
13690	M-19008	NA	0002	09/28/85	1	DRUM	6	SHRCOR
13691	18985	NA	0002	09/26/85	1	DRUM	7	SOIL
13692	18983	NA	0002	09/26/85	1	DRUM	7	SOIL
13693	18984	NA	0002	09/26/85	1	DRUM	7	SOIL
13694	M-21543	MCR	0002	02/04/86	1	DRUM	7	TRSH
13695	M-21544	MCR	0002	02/04/86	1	DRUM	7	SOIL
13696	M-21545	MCR	0002	02/04/86	1	DRUM	7	TRSH
13697	M-21541	MCR	0002	02/04/86	1	DRUM	7	TRSH
13698	M-21606	1781	0054	11/07/85	1	DRUM	7	SOIL
13699	M-21609	1781	0054	11/07/85	1	DRUM	7	SOIL
13700	M-21598	1781	0054	11/01/85	1	DRUM	7	SOIL
13701	M-21601	1781	0054	11/07/85	1	DRUM	7	SOIL
13702	R-218	MCR	0002	12/26/84	1	DRUM	7	
13703	NA	NA	NA	/ /	0	DRUM	7	NA
13704	NA	NA	NA	/ /	0	DRUM	7	NA
13705	CP-2605	MCR	0002	05/19/85	1	DRUM	7	COR
13706	18716	NA	0002	09/13/85	1	DRUM	7	TRSH
13707	18731	NA	0002	09/14/85	1	DRUM	7	SOIL
13708		NA	0006	08/05/85	1	DRUM	7	
13709	18947	NA	0002	08/31/85	1	DRUM	7	SOIL
13710	M-19567	1583	0073	09/26/85	1	DRUM	7	TRSH
13711	M-19891	1583	0073	07/08/85	1	DRUM	7	SOIL
13712	NA	155	0001	07/22/85	1	DRUM	7	TRSH
13713	M-19568	1583	0073	08/07/85	1	DRUM	7	TRSH
13714	M-17671	1325	0054	06/25/85	1	DRUM	7	SOIL
13715	M-17690	1325	0054	06/25/85	1	DRUM	7	SOIL
13716	M-17689	1325	0054	06/25/85	1	DRUM	7	SOIL
13717	M-17688	1325	0054	06/25/85	1	DRUM	7	SOIL
13718	M-17057	1266	0054	05/20/85	1	DRUM	7	SOIL
13719	M-17058	1266	0054	05/20/85	1	DRUM	7	SOIL
13720	M-16947	1259	0006	05/12/85	1	DRUM	7	SOIL
13721	M-16987	1261	0006	05/13/85	1	DRUM	7	TRSH
13722	M-16936	1259	0006	05/13/85	1	DRUM	6	SOIL
13723	M-16937	1259	0006	05/13/85	1	DRUM	7	SOIL
13724	M-16939	1259	0006	05/13/85	1	DRUM	6	SOIL
13725	M-16938	1259	0006	05/13/85	1	DRUM	6	SOIL
13726	18722	NA	0002	09/14/85	1	DRUM	7	TRSH

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13727	18715	NA	0002	09/13/85	1	DRUM	7	TRSH
13728	NA	NA	0002	09/14/85	1	DRUM	7	OILDRY
13729	18714	NA	0002	09/18/85	1	DRUM	7	TRSH
13730	4A-19951	MCR	0002	02/19/86	1	DRUM	7	6 SHRCOR
13731	4A-19947	MCR	0002	02/19/86	1	DRUM	7	6 SHRCOR
13732	4A-19952	MCR	0002	02/19/86	1	DRUM	7	OR
13733	4A-19948	MCR	0002	02/19/86	1	DRUM	7	OR
13734	M-21777	MCR	0002	02/25/86	1	DRUM	7	TRSH
13735	21778	NA	0002	02/25/86	1	DRUM	7	TRSH
13736	M-21540	MCR	0002	02/18/86	1	DRUM	7	OILDRY
13737	M-21770	MCR	0002	02/18/86	1	DRUM	7	OILDRY
13738	M-21758	1800	0016	06/14/85	2	DRUM	7	SOIL
13739	M-21759	1800	0016	06/14/85	2	DRUM	7	SOIL
13740	M-21760	1800	0016	06/14/85	2	DRUM	7	SOIL
13741	M-21757	1800	0016	06/14/85	2	DRUM	7	, WT
13742	19438	NA	0002	10/30/85	1	DRUM	7	TRSH
13743	M-19565	1583	0001	10/07/85	1	DRUM	7	OILDRY
13744	19437	NA	0002	10/30/85	1	DRUM	7	TRSH
13745	M-19439	NA	0002	10/30/85	1	DRUM	6	
13746	21717	NA	0002	02/17/86	1	DRUM	7	OILDRY
13747	21716	NA	0002	02/17/86	1	DRUM	7	OILDRY
13748	M-21715	MCR	0002	02/17/86	1	DRUM	7	6 OILDRY
13749	M-21714	MCR	0002	02/17/86	1	DRUM	7	RY
13750	21719	NA	0002	02/17/86	1	DRUM	7	OILDRY
13751	M-21718	MCR	0002	02/17/86	1	DRUM	7	OILDRY
13752	M-21720	MCR	0002	02/17/86	1	DRUM	7	OILDRY
13753	21721	NA	0002	02/17/86	1	DRUM	7	OILDRY
13754	M-21537?	MCR	0002	02/03/86	1	DRUM	7	OILDRY
13755	21779	NA	0002	02/25/86	1	DRUM	7	OILDRY
13756	21722	NA	0002	02/17/86	1	DRUM	7	TRSH
13757	21723	NA	0002	02/17/86	1	DRUM	7	OILDRY
13758	4A-19953	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
13759	4A-19955	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
13760	4A-19956	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
13761	4A-19954	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
13762	M-20233	1636	0010	04/10/85	1	DRUM	7	SOIL
13763	M-20232	1636	0010	04/18/85	1	DRUM	7	SOIL
13764	M-16167	1185	0006	03/11/85	1	DRUM	7	SOIL
13765	M-16169	1185	0006	03/11/85	1	DRUM	7	SOIL
13766	M-17716	MCR	0002	07/05/85	1	DRUM	7	SOIL
13767			0002	05/03/85	1	DRUM	6	05/03/85 SHRCOR
13768	M-17720	MCR	0002	07/05/85	1	DRUM	7	SOIL
13769	M-21436	1772	0002	07/05/85	1	DRUM	7	SOIL
13770	NA	1325	0027	06/25/85	1	DRUM	7	SOIL
13771	NA	1324	0027	06/25/85	1	DRUM	7	SOIL

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13772	NA	1325	0027	06/25/85	1	DRUM	7	SOIL
13773	NA	1325	0027	06/25/85	1	DRUM	7	SOIL
13774	4A-19831	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
13775	4A-19830	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
13776	4A-19835	MCR	0002	01/10/85	1	DRUM	6	OR
13777	4A-19834	MCR	0002	01/10/85	1	DRUM	6	OR
13778	CP-2470	MCR	0002	04/18/85	1	DRUM	6	COR
13779	CP-2468	MCR	0002	04/18/85	1	DRUM	6	COR
13780	CP-2469	MCR	0002	04/18/85	1	DRUM	6	SHRCOR
13781	CP-2467	MCR	0002	04/18/85	1	DRUM	6	SHRCOR
13782	C-16257	1188		/ /	0		0	
13782	CP-2661	MCR	0004	/ /	2	DRUM	6	NA SHRCOR
13783	LC-16789	1245	0028	/ /	2	DRUM	6	NA SHRCOR
13784	C-16096	1176		/ /	0		0	
13784	C-16247	1188	0004	/ /	2	DRUM	6	NA SHRCOR
13785	C-16246	1188	0004	/ /	2	DRUM	6	NA SHRCOR
13786	M-20008	1627	0002	11/19/85	1	DRUM	7	TRSH
13787	M-20009	1627	0021	11/19/85	1	DRUM	7	TRSH
13788	M-20172	1618	0078	11/02/85	1	DRUM	6	
13789	M-20171	1618	0078	11/02/85	1	DRUM	6	
13790	18719	NA	0002	09/13/85	1	DRUM	7	OILDRY
13791	18721	NA	0002	09/13/85	1	DRUM	7	OILDRY
13792	M-18720	NA	0002	09/13/85	1	DRUM	6	
13793	18713	NA	0002	09/13/85	1	DRUM	7	OILDRY
13794	M-19561	1583	0001	01/30/85	1	DRUM	7	SAMJAR
13795	M-19297	1539	0027	09/09/85	1	DRUM	7	SOIL
13796	M-19298	1539	0027	09/09/85	1	DRUM	7	DEBRS
13797	M-19299	1539	0027	09/09/85	1	DRUM	7	SOIL
13798	NA	1325	0004	06/25/85	1	DRUM	7	DIRT 1768585
13799	NA	1325	0004	05/28/85	1	DRUM	7	DIRT 1768686
13800	M-17687	1325	0004	06/25/85	1	DRUM	7	DIRT
13801	R-124	MCR	0002	08/31/84	1	DRUM	7	
13802	R-122	MCR	0002	08/31/84	1	DRUM	7	
13803	R-125	MCR	0002	08/31/84	1	DRUM	7	
13804	O-13747	930	0074	05/01/84	1	DRUM	7	
13805	O-13750	930	0074	03/01/84	1	DRUM	7	
13806	O-13751	930	0074	03/01/84	1	DRUM	7	
13807	O-13748	930	0074	03/01/84	1	DRUM	7	
13808	O-13744	929	0048	09/01/84	1	DRUM	7	
13809	O-13743	929	0048	09/04/84	1	DRUM	7	
13810	O-13746	929	0048	09/01/84	1	DRUM	7	
13811	O-13745	929	0048	09/01/84	1	DRUM	7	
13812	O-21271	1748	0016	11/04/85	1	DRUM	7	
13813	O-21273	1748	0016	11/01/85	1	DRUM	7	

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13814	O-21270	1748	0016	10/04/85	1	DRUM	7	
13815	O-21272	1748	0016	11/12/85	1	DRUM	7	
13816	O-21269	1748	0016	10/03/85	1	DRUM	7	
13817	O-21267	1748	0016	11/04/85	1	DRUM	7	
13818	O-21268	1748	0016	11/04/85	1	DRUM	7	
13819	O-21266	1748	0016	07/05/85	1	DRUM	7	
13820	NA	1181	0071	04/09/85	1	DRUM	7	,FLTMP0001 131
13821	NA	1181	0071	04/09/85	1	DRUM	7	,FLTMP0001 131
13822	NA	1181	0071	04/09/85	1	DRUM	7	,FLTMP0001 131
13823	NA	1181	0071	04/09/85	1	DRUM	7	,FLTMP0001 131
13824	NA	NA	NA	/ /	0	DRUM	6	NA
13825	O-14108	941	0001	09/04/84	1	DRUM	6	
13826	O-14110	941	0001	09/19/84	1	DRUM	6	
13827	O-14140	955	0022	04/24/84	1	DRUM	6	
13828	O-18866	1477	0024	08/05/85	1	DRUM	7	,BLUE RIDEG?
13829	O-18864	1477	0024	05/01/85	1	DRUM	7	, BR
13830	O-18865	1477, BR	0024	08/05/85	1	DRUM	7	
13831	O-18863	1477	0024	08/05/85	1	DRUM	7	, BR
13832	O-18890	1460	0075	09/11/85	1	DRUM	7	
13833	O-18892	1460	0075	09/11/85	1	DRUM	7	
13834	O-18887	1458	0076	06/11/85	1	DRUM	7	
13835	O-18879	1458	0076	06/11/85	1	DRUM	7	
13836	O-16747	1242	0011	05/13/85	1	DRUM	7	
13837	O-16730	1242	0011	05/13/85	1	DRUM	7	
13838	O-16748	1242	0011	05/13/85	1	DRUM	7	
13839	O-16729	1242	0011	05/13/85	1	DRUM	7	
13840		918	0045	/ /	1	DRUM	7	NA
13841	NA	918	0045	11/21/84	1	DRUM	7	CDD0008204 07
13842	NA	918	0045	06/04/84	1	DRUM	7	
13843	NA	66548-9	0045	11/21/84	1	DRUM	7	CDD0008204 07
13843	NA	918		/ /	0			CDD0008204 07
13844	NA	1181	0071	04/09/85	1	DRUM	7	FLTMT00011 31
13845	NA	1181	0071	04/09/84	1	DRUM	7	,FLTMT0001 131
13846	NA	1181	0071	04/09/85	1	DRUM	7	,FLTMT0001 131
13847	NA	1181	0071	04/09/84	1	DRUM	7	,FLTMT0001 131

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13848	O-18487	918	0017	/ /	1	DRUM	7	NA
13849	O-18479	1436	0017	08/06/85	1	DRUM	7	
13850	O-17408	1287		/ /	0			
13850	O-18486	1436	0017	08/06/85	1	DRUM	7	
13851	O-18480	1436	0017	08/10/85	1	DRUM	7	
13852	O-13618	918	0045	11/21/84	1	DRUM	7	
13853	O-13620	918	0045	06/04/84	1	DRUM	7	
13854	O-13619	918	0045	11/21/84	1	DRUM	7	
13855	O-13625	918	0045	11/21/84	1	DRUM	7	
13856	O-16121	1178	0077	/ /	1	DRUM	7	NA
13857	O-16125	1178	0077	/ /	1	DRUM	7	NA
13858	O-16126	1178	0077	/ /	1	DRUM	7	NA
13859	O-16122	1178	0077	/ /	1	DRUM	7	NA
13860	O-18874	1477	0024	08/25/85	1	DRUM	7	
13861	O-18877	1477	0024	08/05/85	1	DRUM	7	
13862	O-18875	1477	0024	08/05/85	1	DRUM	7	
13863	O-18876	1477	0024	08/05/85	1	DRUM	7	
13864	O-18873	1477	0024	08/24/85	1	DRUM	7	
13865	O-18870	1477	0024	08/24/85	1	DRUM	7	
13866	O-18872	1477	0024	08/24/85	1	DRUM	7	
13867	O-18871	1477	0024	08/26/85	1	DRUM	7	
13868	O-18806	1490	0012	09/03/85	1	DRUM	7	
13869	O-18805	1490	0012	09/03/85	1	DRUM	7	
13870	O-18808	1490	0012	09/03/85	1	DRUM	7	
13871	O-18807	1490	0012	09/03/85	1	DRUM	7	
13872	O-17411	1287	0026	05/24/85	1	DRUM	7	
13873	O-17412	1287	0026	05/24/80	1	DRUM	7	
13874	O-17413	1287	0026	06/04/85	1	DRUM	7	
13875	O-17410	1287	0026	05/24/80	1	DRUM	7	
13876	O-18475	1436	0017	08/06/85	1	DRUM	7	
13877	O-18634	1444	0014	03/07/85	1	DRUM	7	
13878	O-18632	1444	0014	03/07/85	1	DRUM	7	
13879	O-18632	1444	0014	04/12/85	1	DRUM	7	
13880		1287	0026	05/21/85	1	DRUM	7	
13881	O-17407	1287	0026	05/21/85	1	DRUM	7	
13882	O-17809	1287	0026	05/24/85	1	DRUM	7	
13883	O-17416	1287	0026	05/24/85	1	DRUM	7	
13884	NA	1263	0079	/ /	1	DRUM	7	NA
13885	O-17144	1263	0079	/ /	1	DRUM	7	NA
13886	O-17147	1263	0079	/ /	1	DRUM	7	NA
13887	OT-17141	1263	0079	/ /	1	DRUM	7	NA
13888	O-17332	1275	0018	03/13/85	1	DRUM	7	,CDD000820 407
13889	NA	7258-3	0018	05/29/85	1	DRUM	7	CDD0008204 07
13890	NA	NA	0018	05/29/85	1	DRUM	7	CDD0008204 07

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13891	NA	NA	0018	05/29/85	1	DRUM	7	CDD000820407
13892	O-18489	1436	0017	/ /	1	DRUM	7	NA
13893	O-18490	1436	0017	/ /	1	DRUM	7	NA
13894	O-18488	1436	0017	/ /	1	DRUM	7	NA
13895	O-18478	1436	0017	/ /	1	DRUM	7	NA
13896	O-10625	665	0015	07/20/84	1	DRUM	7	
13897	O-10617	665	0015	07/26/84	1	DRUM	7	
13898	O-10649	665	0015	07/20/84	1	DRUM	7	
13900	NA	NA	NA	06/08/85	1	DRUM	7	
13901	OT-16071	1186	NA	/ /	1	DRUM	7	NA
13902	OT-16071	1186	NA	04/01/85	1	DRUM	7	
13903	OT-16071	1186	NA	/ /	1	DRUM	7	NA
13904	NA	NA	NA	06/08/85	1	DRUM	7	
13905	NA	NA	NA	/ /	1	DRUM	7	NA
13906	NA	NA	NA	/ /	1	DRUM	7	NA
13907	NA	NA	NA	/ /	1	DRUM	7	NA
13908	NA	1511	0057	11/30/04	1	DRUM	7	
13909	NA	1511	0057	04/30/00	1	DRUM	7	
13910	NA	1511	0057	11/30/04	1	DRUM	7	
13911	NA	1511	0057	/ /	1	DRUM	7	05--85
13912	O-18810	1490	0012	09/03/85	1	DRUM	7	NJA0037973
13913	O-18809	1490	0012	09/03/85	1	DRUM	7	
13914	O-18802	1490	0012	08/03/85	1	DRUM	7	
13915	O-18911	NA	0012	09/03/85	1	DRUM	7	
13916	O-17400	1281	0080	04/25/85	1	DRUM	7	
13917	O-17399	1281	0080	04/25/85	1	DRUM	7	
13918	O-17401	1281	0080	04/25/85	1	DRUM	7	
13919	O-17414	1287	0026	06/04/85	1	DRUM	7	
13920	O-17335	1275	0018	05/29/85	1	DRUM	6	
13921	O-17143	1265	0081	/ /	1	DRUM	6	NA
13922	O-17333	1275	0018	05/29/85	1	DRUM	6	
13923	O-17334	1275	0018	05/29/85	1	DRUM	6	
13924	O-18812	1490	0012	09/03/85	1	DRUM	7	
13925	O-18812	1490	0012	01/03/85	1	DRUM	7	
13926	O-18815	1490	0012	09/03/85	1	DRUM	7	
13927	O-18814	1490	0012	04/03/85	1	DRUM	7	
13928	O-20534	1678	0004	07/09/85	1	DRUM	7	
13929	O-20531	1678	0004	07/09/84	1	DRUM	7	
13930	O-20533	1678	0004	07/16/85	1	DRUM	7	
13931	O-20532	1678	0004	07/16/84	1	DRUM	7	
13932	O-20530	1678	0004	07/23/85	1	DRUM	7	
13933	O-20528	1678	0004	07/10/85	1	DRUM	7	
13934	O-20529	1678	0004	07/10/85	1	DRUM	7	
13935	O-20527	1678	0004	07/07/85	1	DRUM	7	
13936	NA	NA	NA	/ /	0	DRUM	7	NO..LABEL

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13937	O-18474	1436	0017	08/06/85	1	DRUM	7	
13938	O-18476	1436	0017	/ /	1	DRUM	7	NA
13939	O-18477	1436	0017	08/06/85	1	DRUM	7	
13940	O-18106	1385	0044	07/05/85	1	DRUM	7	
13941	O-18105	1385	0044	07/05/85	1	DRUM	7	
13942	NA	19	0044	07/05/85	1	DRUM	7	
13943	O-18104	1385	0044	07/01/85	1	DRUM	7	
13944	NA	NA	NA	/ /	1	DRUM	7	NO..LABEL
13945	O-18054	1367	0079	06/15/85	1	DRUM	7	
13946	NA	1367	0079	06/15/85	1	DRUM	7	
13947	O-18055	1367	0079	06/15/85	1	DRUM	7	
13948	V-054	MCR	0002	11/21/84	1	DRUM	7	
13949	OX-345	MCR	0002	11/27/86	1	DRUM	7	
13950	O-13548	NA	0002	11/21/84	1	DRUM	7	
13951	L-03414	NA	0002	11/16/84	1	DRUM	7	
13952	O-21213	1738	0074	/ /	1	DRUM	7	NA
13953	O-21214	1738	0074	/ /	1	DRUM	7	NA
13954	O-21219?	1736	0070	/ /	1	DRUM	7	NA
13955	O-21212	1738	0074	/ /	1	DRUM	7	NA
13956	O-20186	1645	0003	10/07/85	1	DRUM	7	
13957	O-20185	1645	0003	10/07/85	1	DRUM	7	
13958	O-20187	1645	0003	10/07/85	1	DRUM	7	
13959	O-20188	1645	0003	10/07/85	2	DRUM	7	
13960	O-20181	1645	0003	10/20/85	1	DRUM	7	
13961	O-20188	1645	0003	10/28/85	1	DRUM	7	
13962	O-20184	1645	0003	10/28/85	1	DRUM	7	
13963	O-20185	1645	0003	10/28/85	1	DRUM	7	
13964	O-19347	1554	0086	10/22/85	1	DRUM	7	
13965	O-19343	1555	0085	10/18/85	1	DRUM	7	
13966	O-19351	1554	0086	10/22/85	1	DRUM	7	
13967	NA	967	0022	12/03/84	1	DRUM	7	
13968	O-19328	1555	0085	10/18/85	2	DRUM	7	
13969	O-19346	1554	0086	10/27/85	2	DRUM	7	
13970	O-19329	1555	0085	10/18/85	2	DRUM	7	
13971	O-19326	1555	0085	10/11/85	1	DRUM	7	
13972	O-19332	1555	0085	10/18/85	2	DRUM	7	
13973	O-19322	1555	0085	10/18/85	2	DRUM	7	
13974	O-19333	1555	0085	10/18/85	2	DRUM	7	
13975	O-19321	1555	0085	10/18/85	2	DRUM	7	
13976	O-19324	1555	0085	10/18/85	2	DRUM	6	
13977	O-19320	1555	0085	10/18/85	1	DRUM	6	
13978	O-19335	1555	0085	10/18/85	2	DRUM	6	
13979	O-19344	1554	0086	10/22/85	1	DRUM	6	
13980	O-19315	1555	0085	10/18/85	1	DRUM	7	
13981	O-19319	1555	0085	10/08/85	2	DRUM	7	
13982	O-19337	1555	0010	/ /	2	DRUM	7	NA

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13983	O-19318	1555	0085	10/18/85	2	DRUM	7	
13984		21172	0001	10/31/85	1	DRUM	7	
13985		NA	0001	10/31/85	1	DRUM	7	5
13986	O-21187	1728	0073	11/24/85	1	DRUM	7	
13987		7258-5	0035	11/30/85	1	DRUM	7	
13988	O-18462	1436	0017	08/06/85	1	DRUM	7	
13989	NA	1436	0017	08/06/85	1	DRUM	7	
13990	O-18463	1436	0017	08/06/85	1	DRUM	7	
13991	O-18464	1436	0017	08/06/85	1	DRUM	7	
13992	O-19614	1568	0084	06/24/85	1	DRUM	7	
13993	O-19613	1568	0084	06/24/85	1	DRUM	7	
13994	O-19635	1567	0083	08/15/85	1	DRUM	7	
13995	O-19612	1568	0084	06/24/85	1	DRUM	7	
13996	O-16030	1167	0063	06/11/84	1	DRUM	7	
13997	O-16049	1167	0063	07/15/84	1	DRUM	7	
13998	O-16031	1167	0063	07/11/84	1	DRUM	7	
13999	O-16048	1167	0063	08/15/84	1	DRUM	7	
14000	O-19746	1594	0001	05/28/85	1	DRUM	6	
14001	4A-19786	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14002	4A-19784	MCR	0002	01/05/85	1	DRUM	6	5 SHRCOR
14003	4A-19785	MCR	0002	01/10/85	1	DRUM	6	OR
14004	O-16123	1178	0002	01/05/85	1	DRUM	6	SHRCOR
14005	4A-19801	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14006	4A-19803	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14007	4A-19802	MCR	0002	01/10/85	1	DRUM	6	OR
14008	4A-19800	MCR	0002	01/10/85	1	DRUM	6	OR
14009	4A-19855	MCR	0002	01/31/86	1	DRUM	6	6 SHRCOR
14010	4A-19856	MCR	0002	01/31/86	1	DRUM	6	OR
14011	4A-19858	MCR	0002	01/31/86	1	DRUM	6	OR
14012	4A-19857	MCR	0002	01/31/86	1	DRUM	6	6 SHRCOR
14013	CP-2463	MCR	0002	04/17/85	1	DRUM	6	COR
14014	CP-2461	MCR	0002	04/17/85	1	DRUM	6	COR
14015	CP-2462	MCR	0002	04/17/85	1	DRUM	6	SHRCOR
14016	O-19495	1574	0002	04/17/85	1	DRUM	6	SHRCOR
14017	LC-19851	1612	0073	07/16/85	1	DRUM	7	
14018	NA	1611	0073	/ /	1	DRUM	7	NA SOIL
14019	19???	1611	0073	07/26/85	1	DRUM	7	SOIL
14020	M-19843	1611	0073	07/12/85	1	DRUM	7	SOIL
14021	4A-19844	MCR	0002	01/30/86	1	DRUM	6	OR
14022	4A-19848	MCR	0002	01/30/86	1	DRUM	6	OR
14023	4A-19849	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14024	4A-19842	MCR	0002	01/30/86	1	DRUM	6	OR
14025	M-21235	1745	0073	11/18/85	1	DRUM	7	SOIL
14026	M-212??	1745	0073	11/18/85	1	DRUM	7	SOIL
14027	M-21257	1745	0073	10/25/85	1	DRUM	7	SOIL
14028	M-21256	1745	0073	10/25/85	1	DRUM	7	SOIL

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14029	M-21051	1715	0004	07/25/85	1	DRUM	7	
14030	M-21053	1715	0004	07/23/85	1	DRUM	7	
14031	M-21043	1715	0004	07/25/85	1	DRUM	7	SOIL
14032	M-21052	1715	0004	07/25/85	1	DRUM	7	SOIL
14033	18945	NA	0002	09/10/85	1	DRUM	7	TRSH
14034	M-19006	NA	0002	09/28/85	1	DRUM	6	TRSH
14035	18159	1597	0073	/ /	1	DRUM	7	NA SOIL
14036	M-18162	1397	0073	07/12/85	1	DRUM	6	SHRCOR
14037	M-21076	1715	0004	07/23/85	1	DRUM	6	
14038	M-21075	1715	0004	07/25/85	1	DRUM	7	SOIL
14039	M-21077	1715	0004	07/28/85	1	DRUM	7	SOIL
14040	M-21078	1715	0004	07/25/85	1	DRUM	6	
14041	M-21299	1751	0002	06/11/85	1	DRUM	7	SOIL
14042	NA	1897	0073	07/12/85	1	DRUM	7	WOOD
14043	M-19007	NA	0002	09/28/85	1	DRUM	6	
14044	M-21295	1751	0010	06/11/85	1	DRUM	7	SOIL
14045	M-19301	1539	0054	09/25/85	1	DRUM	7	SOIL
14046	M-19300	1539	0054	09/25/85	1	DRUM	7	SOIL
14047		1539	0054	09/25/85	1	DRUM	7	L
14048	M-19302	1539	0054	09/25/85	1	DRUM	7	SOIL
14049	M-19307	1539	0054	09/25/85	1	DRUM	7	OILDRY
14050	M-19306	1539	0054	09/25/85	1	DRUM	7	OILDRY
14051	M-19305	1539	0054	09/25/85	1	DRUM	7	OILDRY
14052	M-19304	1539	0054	09/25/85	1	DRUM	7	OILDRY
14053	M-21667	MCR	0002	02/12/86	1	DRUM	7	TRSH
14054	M-21666	MCR	0002	02/12/86	1	DRUM	6	SHRCOR
14055	M-21708	MCR	0002	02/12/86	1	DRUM	6	CAPCOR
14056	M-21709	MCR	0002	02/12/86	1	DRUM	6	SHRCOR
14057	18717	NA	0002	09/13/85	1	DRUM	7	SOIL
14058	18718	NA	0002	09/13/85	1	DRUM	7	SOIL
14059	15721	NA	0002	03/27/85	1	DRUM	7	GRAVEL
14060	M-18940	NA	0002	09/13/85	1	DRUM	6	COR
14061	18942	NA	0002	12/09/84	1	DRUM	7	OD
14062	18844	NA		/ /	0			
14062	18939	NA	0002	09/13/85	1	DRUM	7	STONE
14063	18931	NA	0002	09/19/85	1	DRUM	7	OILDRY
14064	18842	NA	0002	09/19/85	1	DRUM	7	SOIL
14065	M-18768	1487	0006	07/30/85	1	DRUM	7	SOIL
14066	M-18770	1487	0006	07/30/85	1	DRUM	7	SOIL
14067	M-18771	1487	0006	07/31/85	1	DRUM	7	SOIL
14068	M-18769	1487	0006	07/30/85	1	DRUM	7	SOIL
14069		NA	0002	02/26/86	1	DRUM	8	
14070	M-20230	1636	0010	04/18/85	1	DRUM	8	SOIL
14071	M-19827	1611	0001	08/30/85	1	DRUM	8	SOIL
14072	M-17087	1266	0054	03/01/85	1	DRUM	8	SOIL
14073	NA	NA	0010	07/31/85	1	DRUM	6	FLTR

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14074	M-18756	1487	0006	07/30/85	1	DRUM	8	SOIL
14075	M-18755	1487	0006	07/30/85	1	DRUM	7	SOIL
14076	M-17988	1359	0009	07/10/85	1	DRUM	8	TRSH
14077	18941	NA	0002	/ /	1	DRUM	7	NA HOSE
14078	18943	NA	0002	/ /	1	DRUM	7	NA OD
14079	18946	NA	0002	/ /	1	DRUM	7	NA OD
14080	NA		NA	/ /	0	DRUM	7	SAND, NO EPA LABEL
14081	18975	NA	0002	09/26/85	1	DRUM	7	OILDRY
14082	18728	NA	0002	09/14/85	1	DRUM	7	TRSH
14083	818976	NA	0002	09/26/85	1	DRUM	7	OILDRY
14084	18978	NA	0002	09/26/85	1	DRUM	7	OILDRY
14085	4A-19976	MCR	0002	02/24/86	1	DRUM	6	6 SHRCOR
14086	4A-19975	MCR	0002	02/24/86	1	DRUM	8	
14087	4A-19977	MCR	0002	02/24/86	1	DRUM	6	OR
14088	4A-19978	MCR	0002	02/24/86	1	DRUM	6	6 SHRCOR
14089	M-21663	1790	0054	11/04/85	1	DRUM	7	SOIL
14090	M-21662	1790	0054	11/07/85	1	DRUM	7	SOIL
14091	M-21661	1790	0054	11/07/85	1	DRUM	7	SOIL
14092	M-21210	1739	0082	11/30/85	1	DRUM	7	-0082
14093	LC-20787	1701	0004	09/22/85	1	DRUM	6	
14094	LC-20788	1701	0004	01/17/85	1	DRUM	6	
14095	LC-20785	1701	0004	01/04/85	1	DRUM	6	
14096	LC-20786	1701	0004	07/12/85	1	DRUM	6	
14097	CP-1864	MCR	0002	01/07/85	1	DRUM	6	COR
14098	CP-1863	MCR	0002	01/07/85	1	DRUM	6	SHRCOR
14099	CP-1862	MCR	0002	01/07/85	1	DRUM	6	COR
14100	CP-1861	MCR	0002	01/07/85	1	DRUM	6	SHRCOR
14101	O-19744	1594	0001	10/24/85	1	DRUM	6	
14102	O-19745	1594	0001	10/23/85	1	DRUM	6	
14103	O-19500	1574	0007	10/08/85	1	DRUM	7	
14104		1574	0007	10/08/85	1	DRUM	7	
14105	O-19499	1574	0007	08/08/85	1	DRUM	7	
14106		1574	0007	10/08/85	1	DRUM	7	
14107	O-19823	1610	0001	07/31/85	1	DRUM	6	
14108	NA	1610	0001	11/12/85	1	DRUM	6	
14109	O-19777	1598	0001	08/15/85	1	DRUM	6	
14110	O-19822	1615	0001	10/23/85	1	DRUM	6	
14111	O-19330	1555	0085	10/18/85	1	DRUM	7	
14112	O-19323	1555	0085	10/18/85	1	DRUM	7	
14113	O-19331	1555	0085	10/18/85	1	DRUM	7	
14114	O-19324	1555	0085	10/18/85	2	DRUM	7	
14115	O-19776	1598	0001	07/15/85	1	DRUM	6	
14116	O-19451	1562	0063	12/31/84	1	DRUM	6	
14117	LC-19462	1561	0088	03/23/85	1	DRUM	6	--3
14118	NA	1003	0003	01/31/84	1	DRUM	6	LIQ

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14119	O-14615	NA	0002	01/02/83	1	DRUM	7	
14120	O-14620	NA	0002	01/02/85	1	DRUM	7	
14121	O-14622	NA	0002	01/02/85	1	DRUM	7	
14122	O-14621	NA	0002	01/02/85	1	DRUM	7	
14123	O-14234	959	0019	12/23/84	1	DRUM	7	
14124	O-14235	959	0019	08/22/84	1	DRUM	7	
14125	O-1423?	959	0019	08/22/84	1	DRUM	7	
14126	O-14231	959	0019	08/22/85	1	DRUM	7	
14127	O-9526	607	0021	06/07/84	1	DRUM	7	
14128	O-9525	607	0021	06/07/84	1	DRUM	7	
14129	O-9527	607	0021	06/07/84	1	DRUM	7	
14130	O-9524	607	0021	06/07/84	1	DRUM	7	
14131	O-19713	1571	0089	10/26/85	1	DRUM	7	
14132	O-19703	1571	0089	10/26/85	1	DRUM	7	
14133	O-19704	1571	0089	10/26/85	1	DRUM	7	
14134	O-19705	1571	0089	10/25/85	1	DRUM	7	
14135	O-19714	1571	0089	10/26/85	1	DRUM	7	
14136	O-19721	1571	0089	10/26/85	1	DRUM	7	
14137	O-19715	1571	0089	10/26/85	1	DRUM	7	
14138	O-19720	1571	0089	10/26/85	1	DRUM	7	
14139	O-19716	1571	0089	10/26/85	1	DRUM	7	
14140	O-19719	1571	0089	10/26/85	1	DRUM	7	
14141	O-19717	1571	0089	10/26/85	1	DRUM	7	
14142	NA	1571	0089	10/26/85	1	DRUM	7	
14143	O-19718	1571	0089	10/26/85	1	DRUM	7	
14144	O-19710	1571	0089	/ /	1	DRUM	7	EMPTY
14145	O-19718	1571	0089	10/26/85	1	DRUM	7	
14146	NA	1571	0089	10/26/85	1	DRUM	7	
14147	O-?	1571	0089	10/26/85	1	DRUM	7	
14148	NA	1571	0089	10/26/85	1	DRUM	7	
14149	O-19709	1571	0089	10/26/85	1	DRUM	7	
14150	NA	1571	0089	10/26/85	1	DRUM	7	
14151	O-19598	1568	0084	06/24/85	1	DRUM	7	
14152	NA	1568	0084	06/24/85	1	DRUM	7	
14153	O-19599	1568	0084	06/24/85	1	DRUM	7	
14154	NA	1568	0084	06/24/85	1	DRUM	7	
14155	O-19633	1567	0083	06/24/85	1	DRUM	7	
14156	O-19651	1567	0083	10/18/85	1	DRUM	7	
14157	O-19634	1567	0083	06/24/85	1	DRUM	7	
14158	NA	1567	0083	10/15/85	1	DRUM	7	
14159	O-19606	1567	0084	06/24/85	1	DRUM	7	
14160	O-19604	1568	0084	06/24/85	1	DRUM	7	
14161	O-19607	1568	0084	06/24/85	1	DRUM	7	
14162	O-19605	1568	0084	06/24/85	1	DRUM	7	
14163	O-19600	1568	0084	06/24/85	1	DRUM	7	
14164	O-19602	1568	0084	06/24/85	1	DRUM	7	

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14165	O-19601	1568	0084	06/24/85	1	DRUM	7	
14166	O-19603	1568	0084	06/24/85	1	DRUM	7	
14167	O-19620	1567	0083	10/15/85	1	DRUM	7	
14168	O-19622	1567	0083	10/15/85	1	DRUM	7	
14169	O-19619	1567	0083	10/15/85	1	DRUM	7	
14170	O-19621	1567	0083	10/15/85	1	DRUM	7	
14171	O-19627	1567	0083	10/15/85	1	DRUM	7	
14172	O-19629	1567	0083	10/15/85	1	DRUM	7	
14173	O-19628	1567	0083	10/15/85	1	DRUM	7	
14174	O-19630	1567	0083	10/15/85	1	DRUM	7	
14175	O-19623	1567	0083	10/15/85	1	DRUM	7	
14176	O-19625	1567	0083	10/15/85	1	DRUM	7	
14177	O-19624	1567	0083	10/15/85	1	DRUM	7	
14178	O-19626	1567	0083	10/15/85	1	DRUM	7	
14179	O-19637	1567	0083	10/15/85	1	DRUM	7	
14180	O-19638	1567	0083	10/15/85	1	DRUM	7	
14181	O-19636	1567	0083	10/15/85	1	DRUM	7	
14182	O-19638	1567	0083	10/15/85	1	DRUM	7	
14183	O-19643	1567	0083	10/15/85	1	DRUM	7	
14184	O-19494	1567		/ /	0			
14184	O-19600	1567	0083	10/15/85	1	DRUM	7	
14185	O-19642	1567	0083	10/15/85	1	DRUM	7	
14186	O-19649	1567	0083	10/15/85	1	DRUM	7	
14187	O-19591	1582	0073	/ /	1	DRUM	6	NA
14188	O-19589	1582	0073	09/30/85	1	DRUM	6	
14189	O-19590	1582	0073	06/21/85	1	DRUM	6	
14190	O-19588	1582	0073	10/24/85	1	DRUM	6	
14191	O-19583	1582	0073	10/21/85	1	DRUM	7	
14193	O-19576	1582	0073	10/21/85	1	DRUM	7	
14194	O-19578	1582	0073	10/21/85	1	DRUM	7	
14195		1582	0073	09/22/85	1	DRUM	7	5
14196	O-19581	1582	0073	09/30/85	1	DRUM	7	
14197	O-19582	1582	0073	09/22/85	1	DRUM	7	
14198	O-19580	1582	0073	09/22/85	1	DRUM	7	
14199	O-19551	NA	0002	11/06/85	1	DRUM	7	
14201	O-19550	NA	0002	11/06/85	1	DRUM	7	
14202	O-19549	NA	0002	11/06/85	1	DRUM	7	
14203	O-16100	1167	0063	06/24/84	1	DRUM	7	
14204	NA	RI11193	0090	03/01/82	1	DRUM	7	
14205	O-16028	1167	0063	06/24/84	1	DRUM	7	
14206	O-16103	1167	0063	06/24/84	1	DRUM	7	
14207	O-16280	1190	0063	09/07/84	1	DRUM	7	
14208	O-16278	1190	0063	09/07/84	1	DRUM	7	
14209	O-16279	1190	0063	01/17/84	1	DRUM	7	
14210	O-16281	1190	0063	07/17/84	1	DRUM	7	
14211	O-19200	NA	0002	10/16/85	1	DRUM	6	

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14212	NA	805	0058	/ /	1	DRUM	6	NA
14213	O-15816	1159	0073	04/23/84	1	DRUM	6	
14214	M-18569	1447	NA	/ /	1	DRUM	6	NA
14215	O-19506	1574	0019	08/06/85	1	DRUM	7	
14216	O-19505	1574	0019	10/08/85	1	DRUM	7	
14217	O-19488	1574	0019	10/08/85	1	DRUM	7	
14218	O-19489	1574	0019	10/08/85	1	DRUM	7	
14219	O-19617	1567	0019	10/15/85	1	DRUM	7	
14220	O-19615	1567	0019	10/15/85	1	DRUM	7	
14221	O-19618	1567	0019	10/15/85	1	DRUM	7	
14222	O-19616	1567	0019	10/15/85	1	DRUM	7	
14223	NA	420 01582?	0001	09/30/85	1	DRUM	7	
14224	O-19587	1582	0001	/ /	1	DRUM	7	NA
14225	O-19584	1582	0001	09/30/85	1	DRUM	7	
14226	O-19586	1582	0001	09/22/85	1	DRUM	7	
14227	O-19514	1574	0019	08/26/85	1	DRUM	7	
14228	O-19513	1574	0019	08/26/85	1	DRUM	7	
14229	O-19515	1574	0019	08/26/85	1	DRUM	7	
14230	O-19512	1574	0019	08/26/85	1	DRUM	7	
14231	O-19317	1555	0085	10/18/85	1	DRUM	7	
14232	O-19338	1555	0085	10/18/85	1	DRUM	7	
14233	O-19316	1555	0085	10/18/85	1	DRUM	7	
14234	O-19652	1567	0083	10/15/85	1	DRUM	7	
14235	O-19655	1567	0083	10/15/85	1	DRUM	7	
14236	O-19653	1567	0083	10/15/85	1	DRUM	7	
14237	O-19654	1567	0083	10/15/85	1	DRUM	7	
14238	O-19656	1567	0083	10/15/85	1	DRUM	7	
14239	O-19659	1567	0083	10/15/85	1	DRUM	7	
14240	O-19652	1567	0083	10/15/85	1	DRUM	7	
14241	O-19658	1567	0083	10/15/85	1	DRUM	7	
14242	NA	1458	0092	06/11/85	1	DRUM	7	
14243	O-19033	NA	0002	10/06/85	1	DRUM	7	
14244	O-19034	NA	0002	10/06/85	1	DRUM	7	
14245	O-19032	NA	0002	10/06/85	1	DRUM	7	
14246	O-19753	1594	0002	10/24/85	1	DRUM	7	
14247	O-19751	1594	0001	10/22/85	1	DRUM	7	
14248	O-19754	1594	0001	10/22/85	1	DRUM	7	
14249	O-19752	1594	0001	10/28/85	1	DRUM	7	
14250	O-19755	1594	0001	10/01/85	1	DRUM	7	
14251	O-19747	1594	0001	09/24/85	1	DRUM	7	
14252	O-19750	1594	0001	10/01/85	1	DRUM	7	
14253	O-19757	1594	0001	11/03/85	7	DRUM	7	
14254	O-19765	1594	0001	10/31/85	1	DRUM	7	
14255	O-19764	1594	0001	10/29/85	1	DRUM	7	
14256	O-19766	1594	0001	09/18/85	1	DRUM	7	
14257	O-19763	1594	0001	10/04/85	1	DRUM	7	

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14258	O-19767	1594	0001	10/04/85	1	DRUM	7	
14259	O-16044	1167	0063	08/16/84	1	DRUM	7	
14260	NA	1610	0073	11/12/85	1	DRUM	7	
14261	O-19819	1615	0073	09/20/85	1	DRUM	7	
14262	O-11021	1615	0073	09/20/85	1	DRUM	7	
14263	O-13815	1615	0073	08/16/85	1	DRUM	7	
14264	O-19820	1615	0073	09/27/85	1	DRUM	7	
14265	O-15924	1165	0035	/ /	1	DRUM	7	NA
14266	O-18968	1507	0091	09/11/85	1	DRUM	7	
14267	O-18967	1507	0090	09/11/85	1	DRUM	7	
14268	O-18884	1458	0092	06/11/85	1	DRUM	7	
14269	O-19313	1555	0085	10/18/85	1	DRUM	7	
14270	O-19312	1555	0085	10/18/85	1	DRUM	7	
14271	O-16045	1167	0085	08/20/84	1	DRUM	7	
14272	O-16041	1167	0063	06/15/84	1	DRUM	7	
14273	O-19327	1555	0085	10/18/85	1	DRUM	7	
14274	O-16038	1167	0063	06/15/84	1	DRUM	7	
14275	O-19314	1555	0085	10/18/85	1	DRUM	7	
14276	O-19353	1554	0086	10/22/85	1	DRUM	7	
14277	NA	1574	0007	08/06/86	1	DRUM	7	
14278	O-19509	1574	0007	08/06/85	1	DRUM	7	
14279	NA	1574	0007	08/06/86	1	DRUM	7	
14280	O-19508	1574	0007	08/06/86	1	DRUM	7	
14281	O-19516	1574	0007	08/26/85	1	DRUM	7	
14282	O-19511	1574	0007	08/06/85	1	DRUM	7	
14283	O-19510	1574	0007	08/06/85	1	DRUM	7	
14284	O-19517	1574	0007	08/26/85	1	DRUM	7	
14285	O-19644	1567	0083	/ /	1	DRUM	7	NA
14286	O-19647	1567	0083	/ /	1	DRUM	7	NA
14287	O-19646	1567	0083	/ /	1	DRUM	7	NA
14288	O-19645	1567	0083	/ /	1	DRUM	7	NA
14289	O-19526	1574	0007	08/26/85	1	DRUM	7	
14290	O-19521	1574	0007	08/26/85	1	DRUM	7	
14291	O-19527	1574	0007	08/26/85	1	DRUM	7	
14292	O-19520	1574	0007	08/26/85	1	DRUM	7	
14293	O-19524	1574	0007	08/26/85	1	DRUM	7	
14294	O-19523	1574	0007	08/26/85	1	DRUM	7	
14295	O-19525	1574	0007	08/26/85	1	DRUM	7	
14296	O-19522	1574	0007	08/26/85	1	DRUM	7	
14297	O-15928	1165	0011	/ /	1	DRUM	7	NA
14298	O-15932	1165	0011	/ /	1	DRUM	7	NA
14299	O-15927	1165	0011	/ /	1	DRUM	7	NA
14300	O-15931	1165	0011	/ /	1	DRUM	7	NA
14301	O-15926	1165	0011	/ /	1	DRUM	7	NA
14302	O-15930	1165	0011	/ /	1	DRUM	7	NA
14303	O-15925	1165	0011	/ /	1	DRUM	7	NA

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14304	O-15929	1165	0011	/ /	1	DRUM	7	NA
14305	O-16042	1167	0063	07/28/84	1	DRUM	7	
14306	O-16037	1167	0063	05/22/84	1	DRUM	7	
14307	O-16043	1167	0063	06/11/84	1	DRUM	7	
14308	O-16036	1167	0063	07/28/84	1	DRUM	7	
14309	OX-510	MCR	0002	04/16/85	1	DRUM	7	
14310	OX-513	MCR	0002	04/16/85	1	DRUM	7	
14311	OX-511	MCR	0002	01/16/85	1	DRUM	7	
14312	OX-512	MCR	0002	04/16/85	1	DRUM	7	
14313	O-19651	1567	0083	/ /	1	DRUM	7	NA
14314	O-19648	1567	0083	/ /	1	DRUM	7	NA
14315	O-19649	1567	0083	/ /	1	DRUM	7	NA
14316	O-19650	1567	0083	/ /	1	DRUM	7	NA
14317	O-21788	1075	0063	/ /	1	DRUM	7	NA
14318	NA	NA	NA	/ /	0	DRUM	7	NA
14319	NA	NA	NA	/ /	0	DRUM	7	NA
14320	NA	NA	NA	/ /	0	DRUM	7	NA SOIL
14321	M-21866	1816	0093	02/24/86	1	DRUM	7	SOIL
14322	LC-14238	959	0007	12/06/84	1	DRUM	6	1CAP
14323	O-21867	1817	0093	02/24/86	1	DRUM	7	
14324		NA	NA	/ /	0	DRUM	8	NA TRSH
14325	O-10932	700	0018	07/09/84	1	DRUM	7	
14326	O-12566	814	0026	07/20/84	1	DRUM	7	
14327	O-21783	MCR	0002	02/13/86	1	DRUM	7	
14328	NA	814	0025	07/26/84	1	DRUM	7	
14329	OX-609	MCR	0002	02/25/86	1	DRUM	7	
14330	OX-606	MCR	0002	09/25/86	1	DRUM	7	
14331	M-608	MCR	0002	02/25/86	1	DRUM	7	
14332	OX-605	MCR	0002	02/25/86	1	DRUM	7	
14333	O-19502	1574	0007	10/08/85	1	DRUM	7	
14334	O-19492	1574	0007	10/08/85	1	DRUM	7	
14335	O-19501	1574	0007	10/08/85	1	DRUM	7	
14336	O-19493	1574	0007	10/08/85	1	DRUM	7	
14338	O-19490	1574	0007	10/08/85	1	DRUM	7	
14339	O-19505	1574	0007	10/08/85	1	DRUM	7	
14340	O-19491	1574	0007	10/08/85	1	DRUM	7	
14341	R-278	MCR	0002	10/14/85	1	DRUM	7	
14342	R-277	MCR	0002	10/14/85	1	DRUM	7	
14343	4A-19781	MCR		/ /	0			
14343	OT-18926-4	1503	NA	/ /	0	DRUM	7	NA
14344	R-279	MCR	0002	10/14/85	1	DRUM	7	
14345	OT-12529-3	812	NA	/ /	1	DRUM	7	NA
14346	R-231	MCR	0002	01/10/85	1	DRUM	7	
14347	4A-19986?	MCR		/ /	0			
14347	R-230	MCR	0002	06/10/85	1	DRUM	7	
14348	R-229	MCR	0002	01/10/85	1	DRUM	7	

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14349	R-234	MCR	0002	05/01/85	1	DRUM	7	OILDRY
14350	R-234	MCR	0002	05/01/85	1	DRUM	7	
14351	R-268	MCR	0002	05/21/85	1	DRUM	7	
14352	R-234	MCR	0002	05/01/85	1	DRUM	7	
14353	M-20821	1700	0004	05/14/85	2	DRUM	8	WOOD
14354	M-20820	1700	0004	05/14/85	1	DRUM	6	
14355	M-20819	1700	0004	05/14/85	2	DRUM	8	WOOD
14356	M-20817	1700	0004	05/14/85	2	DRUM	8	SOIL
14357		MCR	0002	02/24/86	1	DRUM	6	OR
14358	4A-19985	MCR	0002	02/24/86	1	DRUM	6	OR
14359	4A-19984	MCR	0002	02/24/86	1	DRUM	6	6 SHRCOR
14360	4A-19983	MCR	0002	02/24/86	1	DRUM	6	OR
14361	M-20836	1700	0004	04/29/85	2	DRUM	8	OD
14362	M-19883	1620	0028	04/29/85	2	DRUM	8	SOIL
14363	M-20237	1636	0002	04/11/85	1	DRUM	6	FLTR
14364		1700	0004	04/29/85	2	DRUM	8	L
14365	LC-19291	1538	0054	09/26/85	1	DRUM	6	
14366	LC-19282	1538	0054	09/23/85	1	DRUM	6	
14367	LC-19288	1538	0054	10/10/85	1	DRUM	6	
14368	C-19287	1538	0054	09/23/85	1	DRUM	6	
14369	M-17024	1261	0006	05/13/85	1	DRUM	7	SOIL
14370	M-17023	1261	0006	08/13/85	1	DRUM	7	SOIL
14371	M-17025	1261	0006	05/13/85	1	DRUM	7	SOIL
14372	M-17022	1261	0006	05/13/85	1	DRUM	7	SOIL
14373	C-18850	1476	0027	07/18/85	1	DRUM	6	
14374	C-18849	1476	0027	09/03/85	1	DRUM	6	
14375	LC-18852	1476	0027	09/03/85	1	DRUM	6	
14376	C-18851	1476	0027	09/03/85	1	DRUM	6	
14377	C-18854	1476	0027	07/18/85	1	DRUM	6	
14378	M-18556	1482	0027	07/05/85	1	DRUM	6	CP
14379	M-17226	MCR	0002	07/05/85	1	DRUM	8	SOIL
14380	C-18853	1476	0027	07/18/85	1	DRUM	6	
14381	M-17494	1314	0095	05/20/85	1	DRUM	8	TRSH
14382		1274	0016	05/06/85	1	DRUM	8	WOOD
14383	M-17237	1274		/ /	0			
14383	M-17238	1274	0016	05/06/85	1	DRUM	8	SOIL
14384	M-17505	1314	0095	05/20/85	1	DRUM	8	
14385	M-16926	1259	0006	05/13/85	1	DRUM	7	SOIL
14386	M-16927	1259	0006	05/13/85	1	DRUM	7	SOIL
14387	M-16925	1259	0006	05/17/85	1	DRUM	7	SOIL
14388	M-16924	1259	0006	05/17/85	1	DRUM	7	SOIL
14389	M-16904	1259	0006	05/13/85	1	DRUM	7	SOIL
14390	M-16905	1259	0006	05/13/85	1	DRUM	7	SOIL
14391	M-16906	1259	0006	05/13/85	1	DRUM	7	SOIL
14392	M-16907	1259	0006	05/13/85	1	DRUM	7	SOIL
14393	M-17255	1274	0016	05/06/85	1	DRUM	7	SOIL

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14394	M-17256	1274	0016	05/06/85	1	DRUM	7	SOIL
14395	M-17244	1274	0016	05/06/85	1	DRUM	7	SOIL
14396	M-17257	1274	0016	05/06/85	1	DRUM	7	SOIL
14397	M-16991	1261	0006	05/13/85	1	DRUM	7	SOIL
14398	M-16990	1261	0006	05/13/85	1	DRUM	7	SOIL
14399	M-16993	1261	0006	05/13/85	1	DRUM	7	SOIL
14400	M-16992	1261	0006	05/13/85	1	DRUM	7	SOIL
14401	M-16944	1259	0006	05/13/85	1	DRUM	7	SOIL
14402	M-16932	1259	0006	05/20/85	1	DRUM	7	SOIL
14403	M-17072	1266	0054	05/20/85	1	DRUM	7	SOIL
14404	M-16745	1259	0006	05/13/85	1	DRUM	7	SOIL
14405	M-17071	1266	0054	05/20/85	1	DRUM	8	SOIL
14406	M-16933	1259	0054	05/03/85	1	DRUM	8	SOIL
14407		1121	0016	05/08/85	1	DRUM	8	5 SOIL
14408		1266	0054	05/20/85	1	DRUM	8	5 SOIL
14409	M-16911	1259	0006	05/13/85	1	DRUM	7	SOIL
14410	M-16909	1259	0006	05/13/85	1	DRUM	7	OD
14411	M-16908	1259	0006	05/13/85	1	DRUM	7	SOIL
14412	M-16910	1259	0006	05/13/85	1	DRUM	7	SOIL
14413	M-21597	1781	0054	11/04/85	1	DRUM	7	SOIL
14414	M-21594	1781	0054	11/04/85	1	DRUM	7	SOIL
14415	M-21595	1781	0054	11/04/85	1	DRUM	7	SOIL
14416	M-21596	1781	0054	11/07/85	1	DRUM	7	SOIL
14417	CP-2479	MCR	0002	04/22/85	1	DRUM	6	SHRCOR
14418	CP-2480	MCR	0002	04/22/85	1	DRUM	6	COR
14419	CP-2477	MCR	0002	01/13/84	1	DRUM	6	SHRCOR
14420	CP-2478	MCR	0002	04/22/85	1	DRUM	6	COR
14421	M-16982	1261	0006	05/13/85	1	DRUM	7	
14422	M-16985	1261	0006	05/13/85	1	DRUM	7	SOIL
14423	M-16984	1261	0006	05/13/85	1	DRUM	7	SOIL
14425	17761?			/ /	0			
14425	M-17711	MCR	0002	07/05/85	1	DRUM	7	SOIL
14426	M-17712	MCR	0002	07/05/85	1	DRUM	7	SOIL
14427	NA	NA	NA	/ /	1	DRUM	7	SOIL
14428	NA	NA	0002	07/05/85	1	DRUM	7	GRV
14429	4A-19790	MCR	0002	01/10/85	1	DRUM	6	OR
14430	4A-19791	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14431	4A-19792	MCR	0002	01/10/85	1	DRUM	6	OR
14432	4A-19789	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14433	4A-19780	MCR	0002	01/05/85	1	DRUM	6	5 SHRCOR
14434		1770	0002	01/05/82	1	DRUM	6	COR
14435	4A-19783	MCR	0002	01/05/85	1	DRUM	6	OR
14436	4A-19782	MCR	0002	01/05/85	1	DRUM	6	5 SHRCOR
14437	4A-19877	MCR	0002	02/05/86	1	DRUM	6	6 SHRCOR
14438	4A-19884	MCR	0002	02/05/86	1	DRUM	6	6 SHRCOR
14439	4A-19873	MCR	0002	02/05/86	1	DRUM	6	6 SHRCOR

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14440	4A-19874	MCR	0002	02/05/86	1	DRUM	6	OR
14441	M-16988	1261	0006	05/13/85	1	DRUM	8	SOIL
14442	NA	1359	0018	05/29/85	1	DRUM	8	SAM JR
14443	M-16989	1261	0006	05/13/85	1	DRUM	8	SOIL
14444	NA	7258-3	0018	/ /	1	DRUM	8	CD00008206 07,5/7/85
14445	M-16996	1261	0006	05/13/85	1	DRUM	7	SOIL
14446	M-16995	1261	0006	05/13/85	1	DRUM	7	SOIL
14447	M-16994	1261	0006	05/13/85	1	DRUM	7	SOIL
14448	M-16997	1261	0006	05/13/85	1	DRUM	7	SOIL
14449	4A-19776	MCR	0002	01/05/85	1	DRUM	6	5 SHRCOR
14450	4A-19778	MCR	0002	01/05/85	1	DRUM	6	5 SHRCOR
14451	4A-19779	MCR	0002	01/05/85	1	DRUM	6	OR
14452	4A-19777	MCR	0002	01/05/85	1	DRUM	6	OR
14453	4A-19828	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14454	4A-19833	MCR	0002	01/10/85	1	DRUM	6	OR
14455	4A-19832	MCR	0002	01/10/85	1	DRUM	6	OR
14456	4A-19829	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14457	4A-19846	MCR	0002	01/30/86	1	DRUM	6	
14458	4A-19847	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14459	4A-19845	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14460	4A-19843	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14461	CP-1554	MCR	0002	08/23/84	1	DRUM	6	COR
14462	CP-1626	MCR	0002	10/18/84	1	DRUM	6	SHRCOR
14463	LC-12156	791	0016	08/10/84	1	DRUM	6	SHRCOR
14464	CP-1345	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
14465	CP-1858	MCR	0002	01/04/85	1	DRUM	6	COR
14466	CP-1857	MCR	0006	01/04/85	1	DRUM	7	SHRCOR
14467	4A-3396	MCR		/ /	0		0	
14467	CP-1852	MCR	0002	01/03/85	1	DRUM	6	SHRCOR
14468	CP-1851	MCR	0002	01/03/85	1	DRUM	6	COR
14469	NA	MCR	0002	/ /	1	DRUM	6	NA-SHRCOR
14470	CP-12602	MCR	0044	10/06/84	1	DRUM	6	COR
14471	NA	MCR	0002	08/01/84	1	DRUM	6	SHRCOR
14472	M-71992	279	0002	/ /	1	DRUM	6	NA SHRCOR
14473	CP-2510	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
14474	CP-2500	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
14475	CP-2508	MCR	0002	04/24/85	1	DRUM	6	COR
14476	CP-2507	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
14477	CP-1807	MCR	0002	12/19/84	1	DRUM	6	COR
14478	CP-1809	MCR	0002	12/19/84	1	DRUM	6	SHRCOR
14479	CP-?	MCR	0002	12/19/84	1	DRUM	6	COR
14480	CP-1806	MCR	0002	12/19/84	1	DRUM	6	SHRCOR
14481	CP-2502	MCR	0002	04/24/85	1	DRUM	6	COR
14482	CP-2501	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
14483	CP-2499	MCR	0002	04/24/85	1	DRUM	6	COR

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14484	CP-2500	MCR	0002	04/24/85	1	DRUM	6	COR
14485	LC-18157	1396	0001	07/25/85	1	DRUM	6	OP
14486	LC-18152	1396	0001	02/13/85	1	DRUM	6	OP
14487	LC-18151	1396	0001	07/12/85	1	DRUM	6	OP
14488	LC-18153	1396	0001	05/22/85	1	DRUM	6	
14489	NA	1396	0001	05/01/85	1	DRUM	6	
14490	NA	1396	0001	05/22/85	1	DRUM	6	
14491	CP-2657	MCR	0002	05/30/85	1	DRUM	6	SHRCOR
14492	CP-2660	MCR	0002	05/30/85	1	DRUM	6	SHRCOR
14493	LC-16800	1245	0028	/ /	2	DRUM	6	
14494	LC-16249	1188	0063	06/23/84	2	DRUM	6	SHRCOR
14495	CP-2538	MCR	0002	07/24/00	1	DRUM	6	RCOR
14496	CP-2551	MCR	0002	05/02/85	1	DRUM	6	SHRCOR
14497	C-12677	820	0002	05/22/85	1	DRUM	6	R
14498	CP-2626	MCR	0002	05/22/85	1	DRUM	6	COR
14499	CP-2554	MCR	0002	05/02/85	1	DRUM	6	SHRCOR
14500	CP-2559	MCR	0002	05/02/85	1	DRUM	6	COR
14501	CP-2555	MCR	0002	05/02/85	1	DRUM	6	COR
14502	CP-2556	MCR	0002	05/02/85	1	DRUM	6	SHRCOR
14503	CP-2571	MCR	0002	05/02/85	1	DRUM	6	COR
14504	CP-2573	MCR	0002	05/02/85	1	DRUM	6	COR
14505	CP-2567	MCR	0002	05/03/85	1	DRUM	6	
14506	CP-2564	MCR	NA	/ /	0	DRUM	6	
14507	4A-19850	MCR	0002	01/30/86	1	DRUM	6	OR
14508	4A-19851	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14509	4A-19840	MCR	0002	01/30/86	1	DRUM	6	OR
14510	4A-19841	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14511	M-20543	1679	0004	07/10/85	1	DRUM	7	SOIL
14512	M-20541	1679	0004	07/10/85	1	DRUM	7	TRSH
14513	M-20540	1679	0004	07/10/85	1	DRUM	7	SOIL
14514	M-20542	1679	0004	07/10/85	1	DRUM	7	SOIL
14515	CP-2565	MCR	0002	05/03/85	1	DRUM	6	SHRCOR
14516	CP-2560	MCR	0002	05/03/85	1	DRUM	6	COS
14517	CP-2366	MCR	0002	05/03/85	1	DRUM	6	COR
14518	CP-2553	MCR	0002	05/02/85	1	DRUM	6	COR
14519	CP-647	MCR	0002	09/16/86	1	DRUM	6	SHRCOR
14520	CP-2572	MCR	0002	05/07/85	1	DRUM	6	SHRCOR
14521	CP-646	MCR	0002	04/10/84	1	DRUM	6	COR
14522	CP-2008	MCR	0097	08/11/84	2	DRUM	7	SOIL
14523	NA	1611	0073	07/13/85	1	DRUM	7	WOOD
14524	M-19828	1611	0073	07/20/85	1	DRUM	7	WOOD
14525	M-19842	1611	0073	07/12/85	1	DRUM	7	SOIL
14526	M-19842	1611	0073	07/12/85	1	DRUM	7	WOOD
14527	M-18750	1487	0006	07/30/85	1	DRUM	7	SOIL
14528	M-18751	1487	0006	07/31/85	1	DRUM	7	SOIL
14529	M-18748	1487	0006	03/02/85	1	DRUM	7	SOIL

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14530	M-18747	1487	0006	07/30/85	1	DRUM	7	SOIL
14531	4A-19483	MCR	0002	01/10/85	1	DRUM	6	OR
14532	4A-19812	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14533	4A-19815	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14534	4A-19814	MCR	0002	01/10/85	1	DRUM	6	OR
14535		5	0098	01/28/85	2	DRUM	7	
14536	C-15570	1127	0044	03/04/85	2	DRUM	6	
14537	C-19041	1513	0099	08/02/85	1	DRUM	6	
14538	LC-15333	1110	0100	/ /	2	DRUM	6	NA
14539	L-15283	18273	0101	03/06/85	1	DRUM	6	
14540		1003	0063	01/31/84	1	DRUM	7	
14541	C-18276	1381	0099	08/02/85	1	DRUM	6	
14542		1584	0001	10/02/85	1	DRUM	6	
14543	4A-19823	MCR	0002	01/10/85	1	DRUM	6	OR
14544	4A-19819	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14545	4A-19818	MCR	0002	01/10/85	1	DRUM	6	OR
14546	4A-19822	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14547	4A-19817	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14548	O-14738	1003	0002	01/10/85	1	DRUM	6	COR
14549	4A-19816	MCR	0002	01/10/85	1	DRUM	6	OR
14550	4A-19821	MCR	0002	01/10/85	1	DRUM	6	OR
14551	CP-1998	MCR	0002	02/02/85	1	DRUM	7	SHRCOR
14552	CP-1997	MCR	0002	02/02/85	1	DRUM	6	COR
14553	CP-1995	MCR	0002	02/02/85	1	DRUM	6	SHRCOR
14554	CP-1996	MCR	0002	02/07/85	1	DRUM	6	SHRCOR
14555	CP-1813	MCR	0002	12/20/85	1	DRUM	6	SHRCOR
14556	CP-1812	MCR	0004	/ /	2	DRUM	6	SHR COR
14557		MCR	0002	12/19/84	1	DRUM	6	4 SHRCOR
14558		MCR	0002	12/19/84	1	DRUM	6	OR
14559		MCR	0002	02/07/85	1	DRUM	6	5 SHRCOR
14560		MCR	0002	02/07/85	1	DRUM	6	OR
14561		MCR	0002	02/07/85	1	DRUM	6	5 SHRCOR
14562	CP-1991	MCR	0002	02/07/85	1	DRUM	6	SHRCOR
14563	4A-19788	MCR	0002	02/05/85	1	DRUM	6	OR
14564	4A-19795	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14565	4A-19793	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14566	4A-19794	MCR	0002	01/10/85	1	DRUM	6	OR
14567		NA	0002	07/05/85	1	DRUM	7	
14568	17225	NA	0002	05/03/85	1	DRUM	7	SOIL
14569		NA	0002	07/08/85	1	DRUM	7	5 SOIL
14570	M-16585	1219	0016	03/27/85	1	DRUM	7	SOIL
14571	M-16600	1219	0016	03/22/85	1	DRUM	7	SOIL
14572	M-16601	1219	0016	03/20/85	1	DRUM	7	SOIL
14573	M-16599	1219	0016	03/27/85	1	DRUM	7	SOIL
14574	M-17767	MCR	0002	07/05/85	1	DRUM	7	GRAV
14575	M-17707	MCR	0002	07/03/85	1	DRUM	7	GRAV

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14576	M-21298	1751	0010	07/17/85	1	DRUM	7	SOIL
14577	M-21754	1800	0016	07/12/85	1	DRUM	7	TRSH
14578	CP-1860	MCR	0002	01/04/85	1	DRUM	6	COR
14579	CP-1865	MCR	0002	01/07/85	1	DRUM	6	SHRCOR
14580	C-11948	775		/ /	0		0	
14580	CP-1866	MCR	0002	01/07/85	1	DRUM	6	COR
14581	CP-1859	MCR	0002	02/04/85	1	DRUM	6	SHRCOR
14582	4A-19838	MCR	0002	01/30/86	1	DRUM	6	OR
14583	4A-19854	MCR	0002	01/31/86	1	DRUM	6	OR
14584	4A-19839	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14585	4A-19837	MCR	0002	01/30/86	1	DRUM	6	6 SHRCOR
14586	M-16597	1219	0016	03/27/85	1	DRUM	7	SOIL
14587	M-16596	1219	0016	03/27/85	1	DRUM	7	SOIL
14588	M-16595	1219	0016	03/27/85	1	DRUM	7	SOIL
14589	M-16594	1219	0016	03/27/85	1	DRUM	7	SOIL
14590	M-15448	1121	0016	03/07/85	1	DRUM	7	SOIL
14591		1121	0016	03/04/85	1	DRUM	7	
14592	M-16050	1174	0016	03/19/85	1	DRUM	7	SOIL
14593	M-15451	1121	0016	03/04/85	1	DRUM	7	WIRE
14594	M-20078	1622	0006	11/06/85	1	DRUM	7	SOIL
14595	M-20079	1622	0006	11/06/85	1	DRUM	7	SOIL
14596	M-20077	1622	0006	/ /	1	DRUM	7	14597
14597	M-21111	1705	0004	11/14/85	1	DRUM	7	SOIL
14598	CP-1844	MCR	0002	12/28/84	1	DRUM	7	COR
14599	CP-1843	MCR	0002	12/28/84	1	DRUM	7	SHRCOR
14600	CP-1846	MCR	0002	01/02/85	1	DRUM	7	SHRCOR
14601	R-059	MCR	0002	01/11/84	1	DRUM	7	
14602	R-234	MCR	0002	05/01/85	1	DRUM	7	
14603	R-225	MCR	0002	01/08/85	1	DRUM	7	
14604	R-224	MCR	0002	01/08/85	1	DRUM	7	
14605	R-249	MCR	0002	11/03/85	1	DRUM	7	
14606		NA	0002	04/01/85	1	DRUM	7	
14607	R-239	MCR	0002	03/17/85	1	DRUM	7	
14608	R-251	MCR	0002	11/04/85	1	DRUM	7	
14609	R-243	MCR	0002	03/27/85	1	DRUM	7	
14610	R-240	MCR	0002	03/27/85	1	DRUM	7	
14611	R-242	MCR	0002	03/27/85	1	DRUM	7	
14612	R-241	MCR	0002	03/27/85	1	DRUM	7	
14613	NA	NA	0002	04/21/85	1	DRUM	7	
14614	R-264	MCR	0002	04/21/85	1	DRUM	7	
14615	R-266	MCR	0002	04/21/85	1	DRUM	7	
14616	R-365	MCR	0002	04/21/85	1	DRUM	7	
14617	ST3-14	224	NA	03/07/84	1	DRUM	7	
14618	NA	NA	NA	/ /	1	DRUM	7	NA
14619	4030?	NA	0002	04/18/84	1	DRUM	7	
14620	OT-000C	NA	NA	04/04/84	1	DRUM	7	

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14621	OT-0000A?	NA	NA	04/04/84	1	DRUM	7	
14622	OT-0000L	NA	NA	04/04/84	1	DRUM	7	
14623	OT-0000D	NA	NA	04/04/84	1	DRUM	7	
14624	O-19252	NA	0002	10/21/85	1	DRUM	7	
14625	O-19253	NA	0002	10/21/85	1	DRUM	7	
14626	O-19251	NA	0002	10/21/85	1	DRUM	7	
14627	O-19250	NA	0002	10/21/85	1	DRUM	7	
14628	R-115	MCR	0002	08/24/84	1	DRUM	7	
14629	R-113	MCR	0002	08/26/84	1	DRUM	7	
14630	R-116	MCR	0002	08/26/84	1	DRUM	7	
14631	R-114	MCR	0002	08/26/84	1	DRUM	7	
14632	R-108	MCR	0002	08/18/84	1	DRUM	7	
14633	R-110	MCR	0002	08/18/84	1	DRUM	7	
14634	R-109	MCR	0002	08/18/84	1	DRUM	7	
14635	R-111	MCR	0002	08/18/84	1	DRUM	7	
14636	R-107	MCR	0002	08/11/84	1	DRUM	7	
14637	R-106	MCR	0002	08/11/84	1	DRUM	7	
14638	R-104	MCR	0002	08/11/84	1	DRUM	7	
14639	R-105?	MCR	0002	08/11/84	1	DRUM	7	
14640	R-120	MCR	0002	09/04/84	1	DRUM	7	
14641	R-118	MCR	0002	09/04/84	1	DRUM	7	
14642	R-121	MCR	0002	09/04/84	1	DRUM	7	
14643	R-119	MCR	0002	09/04/84	1	DRUM	7	
14644	OT-1826-5	NA	NA	09/30/85	1	DRUM	7	
14645	NA	NA	NA	/ /	1	DRUM	7	NA
14646	W-19152	MCR	0002	10/14/85	1	DRUM	7	
14647	R-208	MCR	0002	12/17/84	1	DRUM	7	
14648	R-210	MCR	0002	12/21/84	1	DRUM	7	
14649	R-214	MCR	0002	12/21/84	1	DRUM	7	
14650	O-11752	769	NA	09/01/84	1	DRUM	7	
14651	R-211	MCR	0002	12/21/84	1	DRUM	7	
14652	LC-1344	NA	0002	01/18/85	1	DRUM	7	
14653	OX-411	MCR	0002	03/05/85	1	DRUM	7	
14654	OX-122	MCR	0002	/ /	1	DRUM	7	TRSH
14655	OX-483	MCR	0002	04/02/85	1	DRUM	7	
14656	OX-457	MCR	0002	/ /	1	DRUM	7	NA
14657	OX-456	MCR	0002	/ /	1	DRUM	7	NA
14658	OX-459	MCR	0058	09/12/84	1	DRUM	7	
14659	OX-458	MCR	0094	11/13/84	2	DRUM	7	
14660	O-16767	1243	0106	/ /	1	DRUM	7	NA
14661	LAB-01?	NA	0002	08/30/83	1	DRUM	7	
14662	R-051	MCR	0002	11/27/84	1	DRUM	7	
14663	O-12245	792	0063	02/13/84	1	DRUM	7	
14664	NA	1230	0047	01/28/85	1	DRUM	7	,NED000809434
14665	O-17398	1281	0080	04/25/81	1	DRUM	7	

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14666	O-16386	1205	0007	/ /	1	DRUM	7	NA
14667	O-16356	1205	0017	04/30/85	1	DRUM	7	
14668		NA	0002	01/20/84	1	DRUM	7	4
14669	O-16839	NA	0007	01/07/85	1	DRUM	7	
14670		NA	NA	/ /	1	DRUM	7	OILDRYTRSH
14671	NA	NA	NA	/ /	0	DRUM	7	NA
14672		NA	0001	07/01/85	1	DRUM	7	5
14673		819	0107	09/12/84	1	DRUM	7	
14674		NA	0002	01/03/84	1	DRUM	7	
14675		NA	0028	/ /	1	DRUM	7	NA
14676	O-19608	1568	0084	06/24/85	1	DRUM	7	
14677	O-19610	1568	0084	06/24/85	1	DRUM	7	
14678	O-19609	1568	0084	06/24/85	1	DRUM	7	
14679	O-19611	1568	0084	06/24/85	1	DRUM	7	
14680	NA	NA	NA	/ /	0	DRUM	7	NA
14681	O-19428	1553	0108	/ /	1	DRUM	7	NA
14682	NA	NA	NA	/ /	0	DRUM	6	NA
14683	O-19429	1553	0108	/ /	1	DRUM	7	NA
14684		1190	0063	07/17/84	1	DRUM	7	
14685		1190	0063	07/17/84	1	DRUM	7	
14686		1190	0063	07/17/84	1	DRUM	7	
14687		1190	0063	07/17/84	1	DRUM	7	
14688	O-17531	1311	0109	04/01/85	1	DRUM	7	
14689	O-17528	1311	0109	04/01/85	1	DRUM	7	
14690	O-17529	1311	0109	04/01/85	1	DRUM	7	
14691	O-17530	1311	0109	04/01/85	1	DRUM	7	
14692	O-18485	1436	0017	/ /	1	DRUM	7	NA, IPS
14693	NA	1436	0017	08/06/85	1	DRUM	7	
14694	O-18484	1436	0017	/ /	1	DRUM	7	NA, IPS
14695	O-18481	1436	0017	08/06/85	1	DRUM	7	,JPS
14696	O-17287	1271	0016	04/07/85	1	DRUM	7	,WT
14697	O-17286	1271	0016	03/19/85	1	DRUM	7	,WEST
14698	O-17285	1271	0016	03/29/85	1	DRUM	7	,WT
14699	O-17288	1271	0016	03/18/85	1	DRUM	7	
14700	O-18052	1367	0079	06/15/85	1	DRUM	7	
14701	O-16199	1195	0007	03/29/85	1	DRUM	7	
14702	O-13979	942	0022	06/06/84	1	DRUM	7	
14703	NA	NA	NA	06/06/84	0	DRUM	7	
14704	O-13980	942	0022	06/06/84	1	DRUM	7	
14705	O-13988	942	0022	02/06/84	1	DRUM	7	
14706	NA	NA	NA	/ /	1	DRUM	7	NA
14707	L-13571	NA	0002	11/29/84	1	DRUM	7	
14708	L-14066	NA	0002	12/13/84	1	DRUM	7	
14709	L-14065	NA	0002	12/13/84	1	DRUM	7	
14710	O-6221	NA	NA	/ /	1	DRUM	7	NA
14711	O-3345	NA	NA	/ /	1	DRUM	7	NA

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14712	O-6274	NA	NA	/ /	1	DRUM	7	NA
14713	O-10853	MCR	NA	/ /	1	DRUM	7	NA
14714	NA	942	0022	10/22/84	1	DRUM	7	
14715	O-13975	942	0022	10/22/84	1	DRUM	7	
14716	O-13981	942	0022	06/05/84	1	DRUM	7	
14717	O-13976	942	0022	10/22/84	1	DRUM	7	
14718	V-048	MCR	0002	10/20/84	1	DRUM	7	
14719	V-047	MCR	0002	10/20/84	1	DRUM	7	
14720	O-21550	MCR	0002	01/11/84	1	DRUM	7	
14720	O-21558	1780		/ /	0			
14720	V-020	MCR		/ /	0			
14721	V-032	MCR	0002	04/18/84	1	DRUM	7	
14722	O-17614	1330	0017	/ /	1	DRUM	7	NA
14723	NA	1324	0054	06/24/85	1	DRUM	7	
14724	NA	1330	0017	/ /	1	DRUM	7	NA
14725	NA	384	0110	/ /	1	DRUM	7	NA
14726	O-21559	1780	0054	01/15/86	1	DRUM	7	
14727	O-21561	1780	0054	01/20/86	1	DRUM	7	
14728		1780	0054	01/15/86	1	DRUM	7	
14729	O-21560	1780	0054	01/20/86	1	DRUM	7	
14730	NA		0002	05/16/85	1	DRUM	7	
14731	OX-549	MCR	0002	05/15/85	1	DRUM	7	
14732	OX-551	MCR	0002	05/16/85	1	DRUM	7	
14733	NA	NA	NA	/ /	0	DRUM	7	NA
14734	OX-438	MCR	0002	02/27/85	1	DRUM	7	
14735	OX-?	MCR	0058	07/23/84	2	DRUM	7	
14736	OX-437	MCR	0058	08/23/84	2	DRUM	7	
14737	OX-439	MCR	0058	07/20/84	2	DRUM	7	
14738	O-8350	1	0002	03/07/84	11	DRUM	7	
14739		NA	0002	03/07/84	1	DRUM	7	
14740	O-833?	NA	0002	03/07/84	1	DRUM	7	
14741	O-8357	MCR	0002	03/07/84	1	DRUM	7	
14742	O-8361	MCR	0002	03/07/84	1	DRUM	7	
14743	O-8360	MCR	0002	03/07/84	1	DRUM	7	
14744	O-8362	MCR	0002	03/07/84	1	DRUM	7	
14745	O-8359	MCR	0002	03/07/84	1	DRUM	7	
14746	O-8365	MCR	0002	03/07/84	1	DRUM	7	
14747	O-8363	MCR	0002	03/07/84	1	DRUM	7	
14748	O-8366	MCR	0002	03/07/84	1	DRUM	7	
14749	O-8364	MCR	0002	03/07/84	1	DRUM	7	
14750	L-13544	NA	0002	11/18/84	1	DRUM	6	
14751	L-13415	MCR	0002	11/12/84	1	DRUM	6	
14752	O-10995	703	0112	08/07/84	1	DRUM	6	
14753	L-13416	MCR	0002	11/16/85	1	DRUM	6	
14754	OX-493	MCR	0002	/ /	1	DRUM	7	NA
14755	OX-491	MCR	NA	/ /	1	DRUM	7	NA

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14756	OX-494	MCR	NA	/ /	1	DRUM	7	NA
14757	OX-492	MCR	0002	04/08/85	1	DRUM	7	
14758	OX-322	MCR	0002	10/14/84	1	DRUM	7	
14759	OX-531	MCR	0002	05/02/85	1	DRUM	7	
14760	OX-321	MCR	0002	10/14/84	1	DRUM	7	
14761	OX-323	MCR	0002	10/14/85	1	DRUM	7	
14762	OT-15723B	1140	NA	03/26/85	1	DRUM	7	
14763	OT-15723D	1140	NA	03/26/85	1	DRUM	7	
14764	OT-15723C	1140	NA	03/26/85	1	DRUM	7	
14765	OT-15724A	1140	NA	03/26/85	1	DRUM	7	
14766	O-12600	816	0044	/ /	1	DRUM	7	NA
14767	O-12601	816	0044	10/06/84	1	DRUM	7	
14768	O-12598	816	0044	/ /	1	DRUM	7	NA
14769	O-12599	816	0044	/ /	1	DRUM	7	NA
14770	NA	NA	0002	/ /	1	DRUM	6	NA
14771	OT-10095A	639	0111	07/04/84	1	DRUM	6	
14772	O-13989	942	0022	10/22/84	1	DRUM	6	
14773	O-12613	822	0019	06/25/84	1	DRUM	6	
14774	O-12599	816	0015	08/23/84	1	DRUM	7	
14775	O-12174	793	0015	08/28/84	1	DRUM	7	
14776	O-12186	795	0015	09/24/84	1	DRUM	7	
14777	O-12173	793	0015	07/05/84	1	DRUM	7	
14778	NA	NA	0002	07/05/85	1	DRUM	7	
14779	O-17721?	MCR	0002	07/05/85	1	DRUM	7	
14780	V-024	MCR	0002	01/25/84	1	DRUM	7	
14781	09966	NA	0002	/ /	1	DRUM	7	NA
14782		NA	0002	04/19/85	1	DRUM	7	5
14783	OX-515	MCR	0002	04/11/85	1	DRUM	7	
14784		NA	0002	04/19/85	1	DRUM	7	
14785	NA	NA	NA	/ /	0	DRUM	7	NA
14786	R-88	MCR	NA	/ /	0	DRUM	7	NA
14787	NA	NA	NA	/ /	0	DRUM	7	NA
14788	NA	NA	NA	/ /	0	DRUM	7	NA
14789	NA	NA	NA	/ /	0	DRUM	7	NA
14790	OX-370	MCR	0002	01/02/85	1	DRUM	7	
14791	OX-364	MCR	0002	12/27/84	1	DRUM	7	
14792	O-2661	109	0002	01/24/83	1	DRUM	7	
14793	OX-413	MCR	0002	02/12/85	1	DRUM	6	
14794	OX-410	MCR	0002	02/12/85	1	DRUM	6	
14795	OX-412	MCR	0002	02/12/85	1	DRUM	6	
14796	NA	1040	0002	02/12/85	1	DRUM	6	
14797	OX-282	MCR	0002	07/30/84	1	DRUM	6	
14798	OX-227	MCR	0002	/ /	1	DRUM	6	NA
14799	O-17929	1349	0017	/ /	1	DRUM	7	NA
14800	NA	NA	0002	08/16/84	1	DRUM	6	
14801	OX-488	MCR	0002	04/05/85	1	DRUM	7	

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14802		NA	0002	12/27/84	1	DRUM	7	4
14803	OX-367	MCR	0002	01/02/85	1	DRUM	7	
14804		NA	0002	03/06/85	1	DRUM	7	
14805	OX-531	MCR	0002	05/01/85	1	DRUM	7	
14806	OX-530	MCR	0044	05/01/85	1	DRUM	7	
14807	OX-532	MCR	0002	/ /	1	DRUM	7	NA
14808	OX-533	MCR	0002	03/01/85	1	DRUM	7	
14809		NA	NA	/ /	1	DRUM	7	NA
14810		NA	NA	/ /	1	DRUM	7	NA
14811		NA	NA	/ /	1	DRUM	7	NA
14812		NA	NA	/ /	1	DRUM	7	NA
14813	OX-84	MCR	0002	09/02/84	1	DRUM	7	
14814	OX-276	MCR	0002	09/03/84	1	DRUM	7	
14815	OX-273	MCR	0002	09/02/84	1	DRUM	7	
14816	O-277?	NA	0002	09/03/84	1	DRUM	7	
14817		NA	NA	/ /	0	DRUM	7	NA
14818	NA	119753	0113	05/20/82	1	DRUM	6	
14819	NA	NA	NA	/ /	0	DRUM	6	NA
14820		628	0041	07/08/84	1	DRUM	7	
14821	OT-9920	628	0041	07/09/84	1	DRUM	7	
14822		NA	0041	07/08/84	1	DRUM	7	
14823	OT-9922	628	0041	07/08/84	1	DRUM	7	
14824	OX-435	MCR	0002	02/26/85	1	DRUM	7	
14825	OX-433	MCR	0002	02/26/85	1	DRUM	7	
14826	NA	1367	0079	06/15/85	1	DRUM	7	
14827	NA	1367	0079	06/05/85	1	DRUM	7	,SUN BELT
14828	O-18050	1367	0079	06/15/85	1	DRUM	7	,SUN
14829	O-17959	1358	0007	03/04/85	1	DRUM	7	
14830	O-17951	1359	0007	03/04/85	1	DRUM	7	
14831	NA	1359 1358?	0007	03/04/85	1	DRUM	7	
14832	O-17957	1358	0007	03/04/85	1	DRUM	7	
14833	V-095	MCR	0002	06/06/85	1	DRUM	7	,R
14834	V-094	MCR	0002	06/06/85	1	DRUM	7	,R
14835	V-053	MCR	0002	11/18/84	1	DRUM	7	,R
14836	V-093	MCR	0002	06/06/85	1	DRUM	7	,R
14837	NA	NA	0002	10/19/83	1	DRUM	7	
14838	M-6552	NA	0002	07/12/85	1	DRUM	6	
14839	M-6550	NA	0002	10/19/83	1	DRUM	7	
14840	NA	NA	NA	/ /	0	DRUM	7	NA
14841	O-16282	1190	0063	09/07/84	1	DRUM	7	
14842	O-16285	1190	0063	09/07/84	1	DRUM	7	
14843	O-16283	1190	0063	09/21/84	1	DRUM	7	
14844	O-16284	1190	0063	07/17/84	1	DRUM	7	
14845	O-16313	1190	0063	08/17/84	1	DRUM	7	
14846	O-16312	1190	0063	09/21/84	1	DRUM	7	
14847	O-16315	1190	0063	07/17/84	1	DRUM	7	

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14848	O-16314	1190	0063	10/06/84	1	DRUM	7	
14849	NA	NA	0002	04/18/85	1	DRUM	6	,MOD980633069
14850	NA	NA	0002	/ /	1	DRUM	6	12-2982,MOD980633069
14851	NA	NA	0002	/ /	1	DRUM	6	NA,MOD980633069
14852	NA	NA	0002	04/18/83	1	DRUM	6	,MOD980633069
14853		NA	0002	12/21/84	1	DRUM	7	4
14854	K-198	NA	0002	/ /	1	DRUM	7	NA
14855	NA	604	0022	06/06/84	1	DRUM	7	
14856	NA	NA	0002	12/26/84	1	DRUM	7	
14857		NA	0002	08/13/84	1	DRUM	7	
14858	R-099	MCR	0002	08/03/84	1	DRUM	7	
14859		NA	0002	08/08/84	1	DRUM	7	4
14860	R-100	MCR	0002	08/03/84	1	DRUM	7	
14861	V-051	MCR	0002	11/06/84	1	DRUM	7	
14862	V-049	MCR	0002	11/06/84	1	DRUM	7	
14863	V-052	MCR	0002	11/06/84	1	DRUM	7	
14864	V-050	MCR	0002	11/06/84	1	DRUM	7	
14865	O-1060	18		/ /	0			
14865	O-8367	MCR	0002	03/07/84	1	DRUM	7	
14866	O-8368	MCR	0002	03/07/84	1	DRUM	7	
14867	07817	NA	0002	01/11/84	1	DRUM	7	
14868		NA	0002	03/07/84	1	DRUM	7	
14869	O-16128	1178	0077	/ /	1	DRUM	7	NA
14870	O-16127	1178	0077	/ /	1	DRUM	7	NA
14871	O-16129	1178	0077	/ /	1	DRUM	7	NA
14872	O-16130	1178	0077	/ /	1	DRUM	7	NA
14873	NA	1181	0071	04/09/85	1	DRUM	7	,FLPMP0001131
14874	O-16097	1181	0071	04/09/85	1	DRUM	7	
14875		1181	0071	11/24/00	1	DRUM	7	
14876	NA	1181	0071	04/09/85	1	DRUM	7	,FLPMP0001131
14877	O-16290	1190	0063	07/17/84	1	DRUM	7	
14878	O-16291	1190	0063	10/31/84	1	DRUM	7	
14879	O-16293	1190	0063	09/21/84	1	DRUM	7	
14880		1190	0063	07/17/84	1	DRUM	7	
14881	O-16120	1178	0077	/ /	1	DRUM	7	NA
14882	O-16124	1178	0077	/ /	1	DRUM	7	NA
14883	O-16119	1178	0077	/ /	1	DRUM	7	NA
14884		1178	0077	/ /	1	DRUM	7	NA
14885	O-16298	1190	0063	10/10/84	1	DRUM	7	
14886	O-16292	1190	0063	10/10/84	1	DRUM	7	

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14887	O-16300	1190	0063	10/10/84	1	DRUM	7	
14888	O-16301	1190	0063	10/10/84	1	DRUM	7	
14889	O-16294	1190	0063	07/17/84	1	DRUM	7	
14890	O-16295	1190	0063	09/07/84	1	DRUM	7	
14891	O-16297	1190	0063	07/15/84	1	DRUM	7	
14892	O-16296	1190	0063	07/17/84	1	DRUM	7	
14893	O-16302	1190	0063	10/10/84	1	DRUM	7	
14894	O-16303	1190	0100	10/06/84	1	DRUM	7	
14895	O-16304	1190	0063	09/21/84	1	DRUM	7	
14896	O-16305	1190	0063	07/17/84	1	DRUM	7	
14897	O-16307	1190	0063	09/07/84	1	DRUM	7	
14898	O-16307	1190	0063	09/07/84	1	DRUM	7	
14899	O-16310	1190	0063	09/07/84	1	DRUM	7	
14900	O-16309	1190	0063	10/10/84	1	DRUM	7	
14901	O-16200	1195	0007	/ /	1	DRUM	7	NA
14902	O-16198	1195	0007	03/29/85	1	DRUM	7	
14903	O-16201	1195	0007	03/29/85	1	DRUM	7	
14904	CP-1948	MCR	0002	01/02/85	1	DRUM	7	COR
14904	LC-6332	317		/ /	0			
14905	M-20548	1679	0004	07/10/85	1	DRUM	6	SOIL
14906	M-20545	1679	0004	07/10/85	1	DRUM	6	GRAV
14907	M-20547	1679	0004	07/10/85	1	DRUM	6	SOIL
14908	M-20546	1679	0004	07/10/85	1	DRUM	6	SOIL
14909	4A-19859	MCR	0002	01/31/86	1	DRUM	6	6 SHRCOR
14910	4A-19853	MCR	0002	01/31/86	1	DRUM	6	6 SHRCOR
14911	4A-19860	MCR	0002	01/31/86	1	DRUM	6	OR
14912	4A-19852	MCR	0002	01/31/86	1	DRUM	6	OR
14913	CP-1239	MCR	0002	03/14/84	1	DRUM	7	COR
14914	CP-271	MCR	0002	03/29/84	1	DRUM	6	SHRCOR
14915	CP-1233	MCR	0002	08/29/84	1	DRUM	6	SHRCOR
14916	CP-1232	MCR	0002	08/29/84	1	DRUM	6	COR
14917	CP-848	MCR	0002	05/25/84	1	DRUM	6	COR
14918	CP-842	MCR	0002	05/25/84	1	DRUM	6	COR
14919	CP-845	MCR	0002	05/25/84	1	DRUM	6	COR
14920	CP-849	MCR	0002	05/25/84	1	DRUM	6	SHRCOR
14921	4A-19825	MCR	0002	01/10/85	1	DRUM	6	OR
14922	4A-19827	MCR	0002	01/10/85	1	DRUM	6	OR
14923	4A-19824	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14924	4A-19826	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14925	4A-2779	MCR	0002	07/26/84	1	DRUM	6	OR
14926	4A-202778	MCR	0002	07/26/84	1	DRUM	6	OR
14927	4A-2776	MCR	0002	07/26/84	1	DRUM	6	4 SHRCOR
14928	CP-610	MCR	0002	04/05/84	1	DRUM	6	SHRCOR
14929	M-20834	1700	0004	05/14/85	1	DRUM	7	SOIL
14930	M-20832	1700	0004	05/14/86	1	DRUM	8	WOOD
14931	M-20871	1707	0031	05/08/85	2	DRUM	8	TRSH

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14932	M-20835	1700	0004	02/04/85	1	DRUM	8	SOIL
14933	CP-2604	MCR	0002	05/19/85	2	DRUM	6	COR
14934	CP-2606	MCR	0002	05/19/85	1	DRUM	6	SHRCOR
14935	CP-2607	MCR	0002	/ /	1	DRUM	6	SHR COR
14936	M-21741	1800	0016	06/14/85	2	DRUM	7	SOIL
14937	M-21742	1800	0016	06/14/85	16	DRUM	7	
14938	M-21743	1800	0016	06/14/85	2	DRUM	7	
14939	M-21740	1800	0016	06/14/85	2	DRUM	7	SOIL
14940	CP-2580	MCR	0002	05/09/85	1	DRUM	6	SHRCOR
14941	CP-2582	MCR	0002	05/09/85	1	DRUM	6	SHRCOR
14942	CP-2581	MCR	0002	05/09/85	1	DRUM	6	COR
14943	CP-2583	MCR	0002	05/09/85	1	DRUM	6	COR
14944	C-16444	1207	0004	/ /	3	DRUM	6	- SHRCOR
14945	CP-2653	MCR	0002	05/30/85	1	DRUM	6	COR
14946	CP-2612	MCR	0002	05/20/85	1	DRUM	6	COR
14947	CP-2635	MCR	0002	05/26/85	1	DRUM	6	SHRCOR
14948	CP-1949	MCR	0002	01/28/85	1	DRUM	6	COR
14949	CP-1951	MCR	0002	01/28/85	1	DRUM	6	COR
14950	CP-1950	MCR	0002	01/28/85	1	DRUM	6	SHRCOR
14951	4A-2432	MCR		06/08/84	0		0	
14951	CP-1948	MCR	0002	01/23/85	1	DRUM	6	SHRCOR
14952	4A-19835	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14953	4A-19834	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14954	4A-19832	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14955	4A-19833	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14956	C-16448	1207	0062	10/24/84	2	DRUM	6	SHRCOR
14957	CP-2629	MCR	0002	05/23/85	1	DRUM	6	SHRCOR
14958	CP-2628	MCR	0002	05/23/85	1	DRUM	6	COR
14959	CP-2627	MCR	0002	05/23/85	1	DRUM	6	SHRCOR
14960	4A-19804	MCR	0002	01/10/85	1	DRUM	6	OR
14961	4A-19808	MCR	0002	/ /	1	DRUM	6	SHR COR
14962	4A-19809	MCR	0002	01/10/85	1	DRUM	6	OR
14963	4A-19805	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14964	1999	MCR	0002	02/07/85	1	DRUM	6	R
14965	CP-1986	MCR	0002	03/06/85	1	DRUM	6	COR
14966	CP-1994	MCR	0002	02/07/85	1	DRUM	6	COR
14967	CP-1932	MCR	0002	02/06/85	1	DRUM	6	COR
14968	4A-19811	MCR	0002	01/10/85	1	DRUM	6	OR
14969	4A-17807	MCR	0002	01/10/85	1	DRUM	6	OR
14970	4A-19806	MCR	0002	01/10/85	1	DRUM	6	OR
14971	4A-19810	MCR	0002	01/10/85	1	DRUM	6	5 SHRCOR
14972	CP-843	MCR	0002	05/25/85	1	DRUM	6	SHRCOR
14973	CP-841	MCR	0002	05/23/85	1	DRUM	6	SHRCOR
14974	CP-846	MCR	0002	05/23/85	1	DRUM	6	SHRCOR
14975	CP-2241	MCR	0002	03/18/85	1	DRUM	6	COR
14976	M-21660	1790	0054	01/15/86	1	DRUM	7	OD

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14977	M-21538	MCR	0002	01/31/86	1	DRUM	7	OD
14978	M-21658	1790	0054	01/15/86	1	DRUM	7	OD
14979	M-21659	1790	0054	02/03/86	1	DRUM	7	OD
14980	M-18217	1393	0073	06/18/85	1	DRUM	7	SOIL
14981	M-18203	1393	0073	06/18/85	1	DRUM	7	SOIL
14982	M-18201	1393	0073	06/18/85	1	DRUM	7	SOIL
14983	M-18202	1393	0073	06/18/85	1	DRUM	7	SOIL
14984	M-18205	1393	0073	06/18/85	1	DRUM	7	SOIL
14985	M-18215?	1393	0073	06/18/85	1	DRUM	7	SOIL
14986	M-18218	1393	0073	06/20/85	1	DRUM	7	SOIL
14987	M-18207	1393	0073	06/18/85	1	DRUM	7	SOIL
14988	M-21771	MCR	0002	02/19/86	1	DRUM	7	TRSH
14989	M-21773	MCR	0002	02/19/86	1	DRUM	7	TRSH
14990	M-21772	MCR	0002	02/19/86	1	DRUM	7	SOIL
14991	21718	NA	0002	02/12/86	1	DRUM	7	TRSH
14992	M-21064	1715	0004	08/23/85	1	DRUM	7	SOIL
14993	M-21063	1715	0004	08/23/85	1	DRUM	7	SOIL
14994	M-21083	1715	0004	08/23/85	1	DRUM	7	SOIL
14995	M-21085	1715	0004	08/23/85	1	DRUM	7	SOIL
14996	M-21048	1715	0004	08/23/85	1	DRUM	7	SOIL
14997	M-21047	1715	0004	03/23/85	1	DRUM	7	SOIL
14998	M-21073	1715	0004	08/23/85	1	DRUM	7	SOIL
14999	M-21074	1715	0004	08/23/85	1	DRUM	7	SOIL
15000	OX-436	MCR	0002	02/26/85	1	DRUM	6	
15001	OX-434	MCR	0002	02/26/85	1	DRUM	7	
15002		1780	0054	01/15/86	1	DRUM	7	6
15003	O-21568	1780	0054	01/15/86	1	DRUM	7	
15004		1780	0054	01/15/86	1	DRUM	7	
15005	O-21569	1780	0054	11/08/85	1	DRUM	7	EMPTY
15006	O-21593	1780	0054	10/19/85	1	DRUM	7	
15007		1780	0054	10/19/85	1	DRUM	7	5
15008	O-21592	1780	0054	01/15/86	1	DRUM	7	
15009		1780	0054	10/19/85	1	DRUM	7	
15010	O-21582	1780	0054	01/20/86	1	DRUM	7	
15011		1780	0054	01/15/86	1	DRUM	7	6
15012	O-21589	1780	0054	01/15/86	1	DRUM	7	
15013		1780	0054	01/20/86	1	DRUM	7	
15014		1780	0054	01/15/86	1	DRUM	7	6
15015		1780	0054	01/24/86	1	DRUM	7	
15016		1780	0054	01/15/86	1	DRUM	7	6
15017		1780	0054	01/15/86	1	DRUM	7	
15018	O-21572	1780	0054	01/20/86	1	DRUM	6	
15019	O-21571	1780	0054	01/20/86	1	DRUM	6	
15020	O-21573	1780	0054	01/15/86	1	DRUM	6	
15021	O-21570	1780	0054	01/15/86	1	DRUM	6	
15022		1780	0054	01/15/86	1	DRUM	7	6

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15023		1780	0054	01/15/86	1	DRUM	7	
15024		1780	0054	01/15/86	1	DRUM	7	6
15025		1780	0054	01/15/86	1	DRUM	7	
15026	O-21564	1780	0054	01/15/86	1	DRUM	7	
15027		1780	0054	01/15/86	1	DRUM	7	6
15028	O-21565	1780	0054	01/15/86	1	DRUM	7	
15029		1780	0054	01/15/86	1	DRUM	7	
15030	OX-425	MCR	0002	02/21/85	1	DRUM	6	
15031	OX-423	MCR	0047	06/18/84	2	DRUM	6	
15032	OX-424	MCR	0002	02/21/85	1	DRUM	6	
15033	OX-422	MCR	0002	02/21/85	1	DRUM	6	
15034	V-074	MCR	0022	/ /	2	DRUM	7	NA
15035	V-072	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
15036	V-071	MCR	0002	03/12/85	1	DRUM	7	
15037	V-073	MCR	0002	03/12/85	1	DRUM	7	
15038	O-17985	1359	0009	09/11/85	1	DRUM	6	
15039	O-17978	1359	0009	07/10/85	1	DRUM	6	
15040	O-17984	1359	0009	07/11/85	1	DRUM	6	
15041	O-17979	1359	0009	07/11/85	1	DRUM	6	
15042	O-17987	1359	0009	07/10/85	1	DRUM	6	
15043	O-17976	1359	0009	07/09/85	1	DRUM	6	
15044	O-17986	1359	0009	07/10/85	1	DRUM	6	
15045	O-17977	1359	0009	07/10/85	1	DRUM	6	
15046	O-18108	1385	0044	07/05/85	1	DRUM	7	
15047	O-18102	1385	0044	07/05/85	1	DRUM	7	
15048	O-18107	1385	NA	/ /	0	DRUM	7	NA
15049	O-18103	1385	0044	07/05/85	1	DRUM	7	
15050	NA	NA	0114	03/13/85	1	DRUM	7	,NYD057924862
15051	NA	NA	0114	03/13/85	1	DRUM	7	,NYD057924826
15052	O-16385	1205	0019	02/18/85	1	DRUM	7	
15053	O-16540	1218	0019	03/12/85	1	DRUM	7	
15054		1678	0004	07/16/85	1	DRUM	7	
15055	O-20520	1678	0004	07/16/85	1	DRUM	7	
15056	O-20522	1678	0004	07/16/85	1	DRUM	7	
15057	O-20519	1678	0004	07/16/85	1	DRUM	7	
15058	O-21585	1780	0004	01/15/86	1	DRUM	7	
15059	O-21587	1780	NA	/ /	0	DRUM	7	
15060	O-21586	1780	0004	01/20/86	1	DRUM	7	
15061	O-21588	1780	0004	01/20/86	1	DRUM	7	
15062		1230	0047	03/01/85	1	DRUM	7	
15063		1301	0015	04/01/85	1	DRUM	7	
15064		1230	0047	03/01/86	1	DRUM	7	6
15065		NA	0002	02/12/86	1	DRUM	7	6
15066	O-16118	1178	0077	/ /	1	DRUM	6	NA

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15067	O-17056	1266	0054	05/20/85	1	DRUM	6	
15068	O-17289	1271	0016	03/18/85	1	DRUM	6	
15069	O-17149	MCR	0001	05/29/85	1	DRUM	6	
15070	LC-19257	1527	0096	/ /	1	DRUM	6	NA
15071		1529	0002	09/26/85	1	DRUM	7	5
15072	C-19254	1525	0030	/ /	1	DRUM	6	NA
15073	M-19260	1529	0002	/ /	1	DRUM	7	NA
15074	O-1861 ?	1444	0014	03/07/85	1	DRUM	6	
15075	O-18619	1444	0014	03/07/85	1	DRUM	6	
15076	O-18614	1444	0014	03/07/85	1	DRUM	6	
15077	O-18616	1444	0014	03/07/85	1	DRUM	6	
15078	O-15708	NA	NA	/ /	1	DRUM	6	NA
15079	C-22313 ?	2	0002	03/27/85	1	DRUM	6	
15080	O-157011	NA	0002	03/12/85	1	DRUM	6	
15081	O-15710	NA	0002	03/13/85	1	DRUM	6	
15082	O-17963	1359	0009	07/10/85	1	DRUM	6	
15083	O-17964	1359	0009	07/09/85	1	DRUM	6	
15084	NA	1359	0009	07/10/85	1	DRUM	6	
15085	O-179??	1359	0009	07/09/85	1	DRUM	6	
15086	O-17973	1359	0009	07/09/85	1	DRUM	6	
15087	O-17974	1359	0009	07/09/85	1	DRUM	6	
15088	O-17972	1359	0009	07/09/85	1	DRUM	6	
15089	O-11995	1359	0009	07/09/85	1	DRUM	6	
15090	O-16753	1242	0011	05/13/85	1	DRUM	6	
15091	O-16756	1242	0011	05/13/85	1	DRUM	6	
15092	O-16754	1242	0011	05/13/85	1	DRUM	6	
15093	O-16755	1242	0011	05/13/85	1	DRUM	6	
15094	O-18525	1438	0029	/ /	1	DRUM	6	NA
15095	O-18528	1438	0011	/ /	1	DRUM	6	NA
15096	O-18522	1438	0011	/ /	1	DRUM	7	NA
15097	O-18527	1438	0011	/ /	1	DRUM	6	NA
15098	O-150716	1067	0001	02/20/85	1	DRUM	6	
15099	O-15292	1024	0103	04/17/85	1	DRUM	6	
15100	O-15074	1062	0001	02/15/88	1	DRUM	6	5
15101	O-15291	1084	0103	04/17/85	1	DRUM	6	
15102	O-15075	1061	0001	02/20/85	1	DRUM	6	
15103	O-15073	1062	0001	/ /	1	DRUM	6	NA
15104	O-15073	1062	0001	02/20/85	1	DRUM	6	
15105	O-15080	1062	0001	02/20/85	1	DRUM	6	
15106	O-21652	1789	0054	02/05/86	1	DRUM	6	
15107	O-21651	1789	0054	02/05/86	1	DRUM	6	
15108	O-21653	1789	0054	02/05/86	1	DRUM	6	
15109	O-21650	1789	0054	02/05/86	1	DRUM	6	
15110	15005A	NA	NA	02/04/85	1	DRUM	6	
15111	W-15005C	MCR	NA	02/04/85	1	DRUM	6	
15112	W-15005A	MCR	NA	02/04/85	1	DRUM	6	

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15113	W-15005D	MCR	NA	02/04/85	1	DRUM	6	
15114	O-18520	1438	0029	/ /	1	DRUM	6	NA
15115	O-18523	1438	0029	/ /	1	DRUM	6	NA
15116	O-18521	1438	0029	/ /	1	DRUM	6	NA
15117	O-18524	1438	0029	/ /	1	DRUM	6	NA
15118	O-16718	1230	0047	03/01/85	1	DRUM	6	
15119	O-16717	1230	0047	03/01/85	1	DRUM	6	
15120	O-16719	1230	0047	03/01/85	1	DRUM	6	
15121	O-16716	1230	0047	03/01/85	1	DRUM	6	
15122	NA	1230	0047	03/01/85	1	DRUM	6	,NED000809 434
15123	O-16683	1233	0009	02/15/85	1	DRUM	6	
15124	O-16685	1233	0009	03/01/85	1	DRUM	6	
15125	O-16684	1233	0009	03/01/85	1	DRUM	6	
15126	O-21655	1789	0054	02/05/86	1	DRUM	6	
15127	O-21656	1789	0054	02/05/86	1	DRUM	6	
15128	O-21657	1789	0054	02/05/86	1	DRUM	6	
15129	O-21654	1789	0054	02/05/86	1	DRUM	6	
15130	O-18466	1436	0017	08/06/85	1	DRUM	6	
15131	NA	1436	0017	/ /	1	DRUM	6	NA
15132	O-18467	1436	0017	08/06/85	1	DRUM	6	
15133	O-18468	1436	0001	/ /	1	DRUM	6	NA
15134	O-15690	1136	0001	03/22/85	1	DRUM	6	
15135	NA	1136	0001	03/22/85	1	DRUM	6	
15136	NA	1136	0001	03/22/85	1	DRUM	6	
15137		1136	0073	07/22/85	1	DRUM	7	
15138	O-15422	1120	0016	02/13/85	1	DRUM	6	
15139	O-15423	1120	0016	02/13/85	1	DRUM	6	
15140	O-15421	1120	0016	02/13/85	1	DRUM	6	
15141	O-15424	1120	0016	02/13/85	1	DRUM	6	
15142	M-21546	MCR	0002	02/04/86	1	DRUM	6	OD
15143	NA	NA	NA	/ /	1	DRUM	7	NA
15144	M-21547	MCR	0002	02/04/86	1	DRUM	8	TRSH
15145	OX-217	MCR	0002	10/01/84	1	DRUM	6	
15146	O-16732	1242	0011	05/13/85	1	DRUM	6	
15147	O-16745	1242	0011	05/13/85	1	DRUM	7	
15148	O-16731	1242	0011	05/13/85	1	DRUM	6	
15149	O-16746	1242	0011	05/13/85	1	DRUM	6	
15150	L-18572	NA	0002	08/21/85	1	DRUM	7	
15151	L-18513	NA	0002	08/21/85	1	DRUM	7	
15152	L-18524	NA	0002	08/21/85	1	DRUM	7	
15153	L-18575	NA	0002	08/21/85	1	DRUM	7	
15154	NA	NA	0031	07/02/85	1	DRUM	6	
15155	M-21072	1715	0004	08/23/85	1	DRUM	7	SOIL
15156	M-21049	1715	0004	08/23/85	1	DRUM	7	SOIL
15157	M-21050	1715	0004	08/23/85	1	DRUM	7	SOIL

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15158	M-21086	1715	0004	08/23/85	1	DRUM	7	SOIL
15159	M-21084	1715	0004	08/23/85	1	DRUM	7	SOIL
15160	M-21065	1715	0004	08/23/85	1	DRUM	7	SOIL
15161	M-21066	1715	0004	08/23/85	1	DRUM	7	SOIL
15162	M-21081	1715	0004	08/21/85	1	DRUM	7	SOIL
15163	M-21082	1715	0004	08/23/85	1	DRUM	7	SOIL
15164	M-21046	1715	0004	08/21/85	1	DRUM	7	SOIL
15165	M-21054	1715	0004	08/21/85	1	DRUM	7	SOIL
15166	M-17066	1266	0004	08/23/85	1	DRUM	7	SOIL
15166	M-21041	1715		08/23/85	0		0	SOIL
15167	M-21042	1715	0004	08/23/85	1	DRUM	7	SOIL
15168	M-21068	1715	0004	08/23/85	1	DRUM	7	SOIL
15169	M-21067	1715	0004	08/23/85	1	DRUM	7	SOIL
15170	M-21070	1715	0004	08/23/85	1	DRUM	7	SOIL
15171	M-21069	1715	0004	08/23/85	1	DRUM	7	SOIL
15172	M-21039	1715	0004	08/23/85	1	DRUM	7	SOIL
15173	M-21040	1715	0004	08/23/85	1	DRUM	7	SOIL
15174	M-21044	1715	0004	08/21/85	1	DRUM	7	SOIL
15175	M-21045	1715	0004	08/21/85	1	DRUM	7	SOIL
15176	M-21079	1715	0004	08/23/85	1	DRUM	7	SOIL
15177	M-21080	1715	0004	08/21/85	1	DRUM	7	SOIL
15178	M-19831	1611	0073	08/30/85	1	DRUM	8	SOIL
15179	M-21755	1800	0016	08/29/85	1	DRUM	8	TRSH
15180	M-21058	1715	0004	08/21/85	1	DRUM	7	SOIL
15181	M-21057	1715	0004	08/21/85	1	DRUM	7	SOIL
15182	M-21033	1715	0004	08/23/85	1	DRUM	7	SOIL
15183	M-21034	1715	0004	08/23/85	1	DRUM	7	SOIL
15184	M-21037	1715	0004	08/23/85	1	DRUM	7	SOIL
15185	O-7258-5	NA	0018	08/27/85	1	DRUM	7	HYDHSE
15186	M-21035	1715	0004	08/21/85	1	DRUM	7	SOIL
15187	M-21036	1715	0004	08/23/85	1	DRUM	7	SOIL
15188	M-21031	1715	0004	08/21/85	1	DRUM	7	SOIL
15189	M-21032	1715	0004	08/23/85	1	DRUM	7	SOIL
15190	M-21056	1715	0004	08/21/85	1	DRUM	7	SOIL
15191	M-21055	1715	0004	08/21/85	1	DRUM	7	SOIL
15192	M-15567	1129	0115	03/25/85	1	DRUM	8	TRSH
15193	M-20235	1636	0073	08/14/85	1	DRUM	6	
15194	M-15655	1117	0016	03/15/85	1	DRUM	7	SOIL
15195	NA	1117	0016	03/15/85	1	DRUM	7	SOIL
15196	L-17808	MCR	0062	05/09/85	1	DRUM	6	
15197	LC-17807	1347	0062	05/01/85	1	DRUM	6	SOIL
15198	T-18439	1422	0073	07/13/85	1	DRUM	6	OP
15199	T-18418	1423	0073	/ /	1	DRUM	6	NA OP
15200	M-16952	1259	0006	03/01/85	1	DRUM	7	SOIL
15201	M-17086	1266	0054	03/25/85	1	DRUM	7	SOIL
15202	M-17080	1266	0054	03/18/85	1	DRUM	7	SOIL

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15203	M-17083	1266	0054	03/25/85	1	DRUM	7	SOIL
15204	T-18440	1422	0073	07/31/85	1	DRUM	6	
15205	LC-17805	MCR	0062	05/09/85	1	DRUM	6	
15206	LC-17806	MCR	0062	05/09/85	1	DRUM	6	
15207	M-15652	1117	0016	03/15/85	1	DRUM	7	SOIL
15208	M-15650	1117	0016	03/15/85	1	DRUM	7	SOIL
15209	M-15642	1117	0016	03/15/85	1	DRUM	7	SOIL
15210	M-15633	1117	0016	03/15/85	1	DRUM	7	SOIL
15211	M-15638	1117	0016	03/14/85	1	DRUM	7	SOIL
15212	M-15641	1117	0016	03/15/85	1	DRUM	7	SOIL
15213	M-16172	1185	0006	03/11/85	1	DRUM	7	SOIL
15214	M-16173	1185	0006	03/11/85	1	DRUM	7	SOIL
15215	M-16174	1185	0006	03/11/85	1	DRUM	7	SOIL
15216	M-16171	1185	0006	03/11/85	1	DRUM	7	SOIL
15217	M-15636	1117	0016	03/15/85	1	DRUM	7	SOIL
15218	M-15640	1117	0016	03/15/85	1	DRUM	7	SOIL
15219	M-15637	1117	0016	03/15/85	1	DRUM	7	SOIL
15220	M-15640	1117	0016	03/24/85	1	DRUM	7	SOIL
15221	M-16618	1219	0016	03/27/85	1	DRUM	7	SOIL
15222	M-16619	1219	0016	03/27/85	1	DRUM	7	SOIL
15223	M-15657	1117	0016	03/15/85	1	DRUM	7	SOIL
15224	M-15653	1117	0016	03/15/85	1	DRUM	7	SOIL
15225	M-15646	1117	0016	03/15/85	1	DRUM	7	SOIL
15226	M-15654	1117	0016	/ /	1	DRUM	7	15223
15227	M-16620	1219	0016	03/27/85	1	DRUM	7	SOIL
15228	M-16621	1219	0016	03/27/85	1	DRUM	7	SOIL
15229	M-16584	1219	0016	03/27/85	1	DRUM	7	SOIL
15230	M-16583	1219	0016	03/27/85	1	DRUM	7	SOIL
15231	M-16583	1219	0016	03/27/85	1	DRUM	7	SOIL
15232	M-16588	1219	0016	03/27/85	1	DRUM	7	SOIL
15233	M-16589	1219	0016	03/27/85	1	DRUM	7	
15234	NA	1219 1215?	0016	03/20/85	1	DRUM	7	TRSH
15235	M-16624	1219	0016	03/18/85	1	DRUM	7	SOIL
15236	M-15628	1117	0016	03/15/85	1	DRUM	7	SOIL
15237	NA	1117	0016	03/15/85	1	DRUM	7	SOIL
15238	M-15620	1117	0016	03/15/85	1	DRUM	7	SOIL
15238	M-15629	1117		/ /	0		0	
15239	M-15631	1117	0016	/ /	1	DRUM	7	15238
15240	M-16623	1219	0016	03/14/85	1	DRUM	7	OD
15241	M-16622	1219	0016	03/20/85	1	DRUM	7	SOIL
15242	M-16586	1219	0016	03/27/85	1	DRUM	7	SOIL
15243	M-16587	1219	0016	03/27/85	1	DRUM	7	SOIL
15244	M-16582	1219	0016	03/27/85	1	DRUM	7	SOIL
15245	M-15635	1117	0016	03/15/85	1	DRUM	7	
15246	M-15634	1117	0016	03/15/85	1	DRUM	7	SOIL
15247	M-15659	1117	0016	03/15/85	1	DRUM	7	SOIL

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15248	M-15631	1117	0016	03/15/85	1	DRUM	7	SOIL
15249	M-21729	1800	0016	08/28/85	1	DRUM	7	SOIL
15250	M-21729	1800	0016	11/05/85	1	DRUM	7	OD
15251	M-21734	1800	0016	10/17/85	1	DRUM	7	SOIL
15252	M-21735	1800	0016	10/03/85	1	DRUM	7	SOIL
15253	M-21732	1800	0016	10/03/85	1	DRUM	7	TRSH
15254	M-21733	1800	0016	10/17/85	1	DRUM	7	SOIL
15255	M-21724	1800	0016	06/26/85	1	DRUM	7	SOIL
15256	M-21725	1800	0016	09/24/85	1	DRUM	7	SOIL
15257	M-15660	1117	0016	03/15/85	1	DRUM	7	SOIL
15258	M-15663	1117	0016	03/15/85	1	DRUM	7	
15259	M-15630	1117	0016	03/15/85	1	DRUM	7	SOIL
15260	M-15630	1117	0016	03/15/85	11	DRUM	7	SOIL
15261	M-20814	1700	0004	06/17/85	1	DRUM	6	,SWE
15262	M-20236	1636	NA	06/04/85	1	DRUM	6	TRSH
15263	M-21728	1800	0016	/ /	1	DRUM	7	15264
15264	M-21729	1800	0016	08/28/85	1	DRUM	7	SOIL
15265	21530	NA	0002	01/29/86	1	DRUM	7	TRSH
15266	M-21261Z	1754	0002	12/02/85	1	DRUM	7	SOIL
15267	M-21600	1781	0054	10/19/85	1	DRUM	7	SOIL
15268		1800	0016	08/08/85	1	DRUM	7	85-SOIL
15269	M-21731	1800	0016	08/29/85	1	DRUM	7	-OD
15270	M-20238	1636	0010	06/06/85	1	DRUM	7	-OD PLA
15271	M-19881	1620	0028	06/05/85	1	DRUM	7	SOIL
15272	M-20838	1700	0004	11/19/85	2	DRUM	7	OD
15273	M-21259	1745	0001	11/18/85	1	DRUM	7	OD
15274	M-20400	1667	0002	11/29/85	1	DRUM	6	,R
15275	M-20840	1700	0004	11/19/85	1	DRUM	7	SOIL
15276	M-15471	1121	0026	01/07/85	1	DRUM	7	SOIL
15277	M-14853	1009	0016	01/09/85	1	DRUM	7	SOIL
15278	M-20795	1700	0004	08/02/85	1	DRUM	7	SOIL
15279	M-20823	1700	0004	08/05/85	1	DRUM	6	FLTR
15280	M-20800	1700	0004	08/14/85	1	DRUM	7	SOIL
15281	M-21028	1715	0004	08/21/85	1	DRUM	7	SOIL
15282	M-15474	1121	0016	01/08/85	1	DRUM	7	SOIL
15283	NA	1217	0017	01/07/85	1	DRUM	7	SOIL
15284	4A-19879	MCR	0002	02/05/86	1	DRUM	6	6 SHRCOR
15285	4A-19874	MCR	0002	02/05/86	1	DRUM	6	6 SHRCOR
15286	4A-19887	MCR	0002	02/05/86	1	DRUM	6	OR
15287	4A-19882	MCR	0002	02/05/85	1	DRUM	6	5 SHRCOR
15288	21797	NA	0002	02/26/86	1	DRUM	7	TRSH
15289	O-21830	MCR	0002	02/28/86	1	DRUM	6	TRSH
15290		NA	0002	11/30/03	1	DRUM	6	
15291	M-16392	1206	0019	03/21/85	1	DRUM	7	SOIL
15292	M-16422	1206	0019	03/22/85	1	DRUM	7	SOIL
15293	M-17085	1266	0054	03/01/85	1	DRUM	7	SOIL

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15294	M-20218	1645	0003	04/17/85	1	DRUM	6	TRSH
15295	CP-2072	MCR	0002	02/21/85	1	DRUM	6	TRSH
15296		1185	0006	03/11/85	1	DRUM	6	
15297	217?5	NA	0002	07/26/86	1	DRUM	6	TRSH
15298	M-16573	1219	0016	03/04/85	1	DRUM	6	SOIL,R
15299	M-15665	1117	0002	03/15/85	1	DRUM	6	TRSH
15300	M-21071	1715	0004	08/23/85	1	DRUM	7	SOIL
15301	O-20870	1707	0031	12/05/85	1	DRUM	6	,SWV
15302	O-20803	NA	0031	08/13/85	1	DRUM	6	,SWVE
15303	O-14530	974	0007	11/22/84	1	DRUM	6	
15304	O-14200	956	0017	11/20/84	1	DRUM	6	
15305	O-14314	958	0017	11/20/84	1	DRUM	6	
15306	O-14517	974	0007	11/22/84	1	DRUM	6	
15307	O-14252	958	0017	11/20/84	1	DRUM	7	
15308	O-14202	956	0017	11/20/84	1	DRUM	7	
15309	O-14286	958	0017	11/20/84	1	DRUM	7	
15310	NA	958	0017	11/20/84	1	DRUM	7	
15311	R-273	MCR	0002	09/07/85	1	DRUM	6	
15312		NA	NA	/ /	1	DRUM	6	NA
15313	NA	NA	NA	/ /	1	DRUM	6	NA
15314	O-15069	1062	0001	02/20/85	1	DRUM	6	
15315	O-16743	1242	0011	05/13/85	1	DRUM	6	
15316	O-16734	1242	0011	05/13/85	1	DRUM	6	
15317	O-16733	1242	0011	05/13/85	1	DRUM	6	
15318	O-16744	1242	0011	05/13/85	1	DRUM	6	
15319	O-19980	1603	0004	04/15/85	1	DRUM	6	
15320	O-19987	1603	0004	04/15/85	1	DRUM	6	
15321	O-19981	1603	0004	04/15/85	1	DRUM	6	,SWEPCO
15322	NA	1230	0047	03/01/85	1	DRUM	6	
15323	O-16768	1243	0106	/ /	1	DRUM	6	NA
15324	O-16766	1243	0106	03/27/85	1	DRUM	6	
15325	O-21356	MCR	0002	01/24/86	1	DRUM	6	
15326	O-16772	1239	0104	05/06/85	1	DRUM	6	
15327	O-16738	1242	0011	05/13/85	1	DRUM	6	
15328	O-16739	1242	0011	05/13/85	1	DRUM	6	
15329	O-16737	1242	0011	05/13/85	1	DRUM	6	
15330	O-16740	1242	0011	05/13/85	1	DRUM	6	
15331	O-14267	958	0017	11/20/84	1	DRUM	6	
15332	O-14269	958	0017	11/20/84	1	DRUM	6	
15333	O-14265	956	0017	/ /	1	DRUM	6	NA
15334	O-14264	958	0017	11/20/84	1	DRUM	6	
15335	O-14204	956	0017	/ /	1	DRUM	6	NA
15336	O-14168	956	0017	11/20/84	1	DRUM	6	
15337	O-14208	956	0017	/ /	1	DRUM	6	NA
15338	O-14164	956	0017	11/20/84	1	DRUM	6	
15339	O-20857	MCR	0002	12/19/85	1	DRUM	6	

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15340	O-20854	NA	0002	12/19/85	1	DRUM	6	
15341	O-20855	NA	0002	12/19/85	1	DRUM	6	
15342	O-20856	NA	0002	12/19/85	1	DRUM	6	
15343	O-8832	554	0105	04/28/84	1	DRUM	6	
15344	O-8838	554	0105	04/28/84	1	DRUM	6	
15345	O-8837	554	0105	04/28/84	1	DRUM	6	
15346	O-8833	554	0105	04/28/84	1	DRUM	6	
15347	O-8828	554	0105	04/28/84	1	DRUM	6	
15348	O-8827	554	0105	04/28/84	1	DRUM	6	
15349	O-8834	554	0105	04/28/84	1	DRUM	6	
15350	O-8829	NA	0105	04/28/84	1	DRUM	6	
15351	O-8830	554	0105	04/28/84	1	DRUM	6	
15352	O-8835	554	0105	04/28/84	1	DRUM	6	
15353	O-8836	554	0105	04/28/84	1	DRUM	6	
15354	O-8831	554	0105	04/28/84	1	DRUM	6	
15355	O-13995	942	0022	06/06/84	1	DRUM	6	
15356	O-12454	806	0017	09/11/84	1	DRUM	6	
15357	O-12453	806	0017	09/11/84	1	DRUM	6	
15358	O-14966	1024	0035	11/05/84	1	DRUM	6	
15359	O-14940	1024	0035	12/05/84	1	DRUM	6	
15360	O-12449	806	0017	09/11/84	1	DRUM	6	
15361	O-12450	806	0017	07/20/84	1	DRUM	6	
15362	OX-520	MCR	0002	04/23/85	1	DRUM	6	
15363	O-10839	686	0007	03/02/84	1	DRUM	6	
15364	OX-260	MCR	0002	08/24/84	1	DRUM	6	
15365	OX-535	MCR	0002	02/02/85	1	DRUM	6	
15366		685	0007	/ /	1	DRUM	6	NA
15367	O-10792	685	0007	07/31/84	1	DRUM	6	
15368	O-10794	685	0007	07/31/84	1	DRUM	6	
15369	O-10793	685	0007	07/31/84	1	DRUM	6	
15370	O-10405	657	0044	07/16/84	1	DRUM	6	
15371	O-10359	651	0047	07/16/84	1	DRUM	6	
15372	O-10400	657	0044	07/11/84	1	DRUM	6	
15373		657	0044	07/16/84	1	DRUM	6	
15374	O-10443	657	0044	07/16/84	1	DRUM	6	
15375	O-10397	657	0044	07/16/84	1	DRUM	6	
15376	O-10404	657	0044	07/16/84	1	DRUM	6	
15377	O-10398	657	0044	07/15/84	1	DRUM	6	
15378	OX-404	MCR	0002	02/07/85	1	DRUM	6	
15379	OX-403	MCR	0002	02/07/85	1	DRUM	6	
15380	OX-405	MCR	0002	02/07/85	1	DRUM	6	
15381	OX-406	MCR	0002	02/07/85	1	DRUM	6	
15382	OX-85	MCR	0002	06/07/84	1	DRUM	6	
15383	OX-244	MCR	0002	05/09/85	1	DRUM	6	
15384	OX-543	MCR	0002	05/09/85	1	DRUM	6	
15385	OX-244	MCR	0002	08/13/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15386		NA	0002	06/15/85	1	DRUM	6	5
15387	OX-575	MCR	0002	06/13/85	1	DRUM	6	
15388		NA	0002	05/10/85	1	DRUM	6	
15389	OX-547	MCR	0002	05/10/85	1	DRUM	6	
15390	OX-519	MCR	0002	04/23/85	1	DRUM	7	
15391	OX-518	MCR	0002	04/23/85	1	DRUM	7	
15392	OX-245	MCR	0002	08/13/84	1	DRUM	7	
15393		NA	0002	04/23/85	1	DRUM	7	5
15394	OX-567	MCR	0002	06/03/85	1	DRUM	7	,R
15395	OX-566	MCR	0002	06/03/85	1	DRUM	7	,R
15396	OX-568	MCR	0002	06/03/85	1	DRUM	7	,R
15397	OX-536	MCR	0002	05/02/85	1	DRUM	7	,R
15398	OX-272	MCR	NA	08/29/84	1	DRUM	7	,R
15399	OX-258	MCR	0002	08/24/84	1	DRUM	7	,R
15400	OX-242	MCR	0002	08/13/84	1	DRUM	7	,R
15401	OX-264	MCR	0002	08/24/84	1	DRUM	7	,R
15402	O-9891	623	NA	06/19/84	1	DRUM	6	
15403	O-9879	623	NA	06/19/84	1	DRUM	6	
15404	O-9881	623	NA	06/19/84	1	DRUM	6	
15405	O-9890	623	NA	06/19/84	1	DRUM	6	
15406	O-10803	685	0019	07/31/84	1	DRUM	6	
15407	O-10804	685	0019	07/31/84	1	DRUM	6	
15408	O-10806	685	0019	07/31/84	1	DRUM	6	
15409	O-10805	685	0019	07/31/84	1	DRUM	6	
15410	O-10762	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15411	O-10785	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15412	O-10783	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15413	O-10784	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15414	O-10800	685	0019	07/31/84	1	DRUM	6	,MCROSE
15415	O-10799	685	0019	07/31/84	1	DRUM	6	
15416	O-10801	685	0019	07/31/84	1	DRUM	6	,MCROSE
15417	O-10802	685	0019	07/31/85	1	DRUM	6	,MCROSE
15418	O-10789	685	0019	07/31/84	1	DRUM	6	,MCROSE
15419	O-10790	685	0019	07/31/84	1	DRUM	6	,MCROSE
15420	O-10787	685	0019	07/31/84	1	DRUM	6	,MCROSE
15421	O-10788	685	0019	07/31/84	1	DRUM	6	,MCROSE
15422	O-10795	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15423	O-10796	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15424	O-10798	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC

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15425	O-10797	685	0019	07/31/84	1	DRUM	6	,IOWA PUBLIC
15426	O-13579?	919	0055	07/23/84	1	DRUM	6	
15427	O-13582	919	0055	/ /	1	DRUM	6	NA
15428	O-13580?	919	0055	07/23/84	1	DRUM	6	
15429	O-13581	919	0055	/ /	1	DRUM	6	NA
15430	NA	NA	NA	/ /	1	DRUM	6	NA
15431	O-13565	901	0044	11/10/84	1	DRUM	6	
15432	NA	NA	NA	/ /	1	DRUM	6	NA
15433	NA	NA	NA	/ /	1	DRUM	6	NA
15434	O-13628	918	0045	11/21/84	1	DRUM	6	,COLO SPRGS
15435	O-13600	918	0018	11/21/84	1	DRUM	6	,COLO SPRGS
15436	O-13627	918	0045	11/21/84	1	DRUM	6	
15437	O-12779	918	0018	06/04/84	1	DRUM	6	
15438	R-236	MCR	0002	03/12/85	1	DRUM	6	
15439	R-091	MCR	0002	04/16/84	1	DRUM	6	
15440	R-277	MCR	0002	03/12/85	1	DRUM	6	
15441	R-234	MCR	0002	03/12/85	1	DRUM	6	
15442	R-220	MCR	0002	05/14/85	1	DRUM	6	
15443	R-220	MCR	0002	/ /	1	DRUM	6	5-14
15444	O-14960	1024	0002	03/14/85	1	DRUM	6	
15445	R-220	MCR	0002	05/14/85	1	DRUM	6	
15446	R-216	MCR	0002	12/27/84	1	DRUM	6	
15447	R-250	MCR	0002	04/04/85	1	DRUM	6	
15448	R-253	MCR	0002	04/04/84	1	DRUM	6	,MCROSE
15449	R-252	MCR	0002	04/04/85	1	DRUM	6	
15450	R-262	MCR	0002	04/10/85	1	DRUM	6	
15451	R-263	MCR	0002	04/10/85	1	DRUM	6	
15452	R-261	MCR	0002	04/10/85	1	DRUM	6	
15453	R-258	MCR	0002	04/10/85	1	DRUM	6	
15454	R-255	MCR	0002	04/09/85	1	DRUM	6	
15455	R-259	MCR	0002	04/09/85	1	DRUM	6	
15456	R-257	MCR	0002	04/09/85	1	DRUM	6	
15457	R-254	MCR	0002	04/02/85	1	DRUM	6	
15458	OX-448	MCR	0002	03/11/85	1	DRUM	6	
15459	O-17482	1303	0015	06/17/85	1	DRUM	6	
15460	OX-449	MCR	0002	03/11/85	1	DRUM	6	
15461	OX-150	MCR	0002	03/11/85	1	DRUM	6	,MCROSE
15462	O-14291	958	0017	11/20/84	1	DRUM	6	
15463	O-14294	958	0017	11/20/84	1	DRUM	6	
15464	NA	NA	0017	11/20/84	1	DRUM	6	
15465	O-14312	958	0017	11/20/84	1	DRUM	6	
15466	O-14949	1024	0035	12/18/84	1	DRUM	6	
15467	O-14953	1024	0121	12/05/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15468	O-14955	1024	0035	01/11/85	1	DRUM	6	
15469	O-14952	1024	0035	12/05/84	1	DRUM	6	
15470	O-12782	832	0001	/ /	1	DRUM	6	NA
15471	O-12781	832	0001	/ /	1	DRUM	6	NL
15472	O-12778	832	0001	/ /	1	DRUM	6	NL
15473		NA	0001	/ /	1	DRUM	6	9/84
15474	O-14956	1024	0035	12/10/84	1	DRUM	6	
15475	O-14975	1024	0035	01/11/85	1	DRUM	6	
15476	O-14943	1024	0035	/ /	1	DRUM	6	NL
15477	O-14942	1024	0035	12/05/84	1	DRUM	6	
15478	O-10703	675	NA	07/26/85	1	DRUM	6	
15479	O-15164	1075	0063	04/03/84	1	DRUM	6	
15480	O-10702	MCR	0120	07/26/84	1	DRUM	6	
15481	O-10704	672 ?	0120	07/25/84	1	DRUM	6	,TALMAGE
15482	NA	971	0017	/ /	1	DRUM	6	NAA
15483	O-14423	971	0022	/ /	1	DRUM	6	NA
15484	O-13465	899	0050	/ /	1	DRUM	6	NA
15485	NA	NA	NA	/ /	1	DRUM	6	NA
15486	R-220	MCR	0002	05/14/85	1	DRUM	6	
15487	R-220	MCR	0002	05/14/85	1	DRUM	6	
15488	R-220	MCR	0002	05/14/85	1	DRUM	6	
15489	R-220	MCR	0002	05/14/85	1	DRUM	6	
15490	R-269	MCR	0002	05/29/85	1	DRUM	6	
15491	R-271	MCR	0002	05/29/85	1	DRUM	6	
15492	R-270	MCR	0002	05/29/85	1	DRUM	6	
15493	R-272	MCR	0002	05/29/85	1	DRUM	6	
15494	O-15162	1075	0063	03/21/84	1	DRUM	6	
15495	O-15159	1075	0063	03/21/84	1	DRUM	6	,? ELECTRIC
15496	O-15160	1075	0063	04/04/85	1	DRUM	6	
15497	O-15161	1075	0063	04/05/84	1	DRUM	6	
15498	O-15177	1075	0063	04/11/84	1	DRUM	6	
15499	O-14948	1024	0121	01/11/85	1	DRUM	6	
15500	O-14950	1024	0121	08/03/84	1	DRUM	6	
15501	O-15183	1075	0063	04/03/84	1	DRUM	6	
15502	O-15284	1089	NA	12/05/84	1	DRUM	6	
15503	O-14185	956	0017	11/20/84	1	DRUM	6	,IPS
15504	O-14725	1003	0063	01/31/84	1	DRUM	6	,SW
15505	O-15158	1075	0063	03/21/84	1	DRUM	6	
15506	NA	566	0122	/ /	1	DRUM	6	NA
15507	O-8745	566	0122	05/03/84	1	DRUM	6	
15508	NA	NA	0122	05/07/84	1	DRUM	6	
15509	NA	566	0122	/ /	1	DRUM	6	NA
15510	O-16325	1190	0063	08/17/84	1	DRUM	6	
15511	O-16222	1190	0063	10/10/84	1	DRUM	6	
15512	O-16323	1190	0063	10/06/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15513	O-11304	1190	0063	08/18/84	1	DRUM	6	
15514	NA	NA	0063	10/10/84	1	DRUM	6	
15515	O-16319	1190	0063	10/10/84	1	DRUM	6	
15516	O-16320	1190	0063	10/10/84	1	DRUM	6	
15517	O-16321	1190	0063	10/10/84	1	DRUM	6	
15518	O-10120	646	0022	07/04/84	1	DRUM	6	
15519	O-10112	646	0022	07/04/84	1	DRUM	6	
15520	O-10113	646	0022	07/04/84	1	DRUM	6	
15521	O-10121	646	0022	07/04/84	1	DRUM	6	
15522	O-14318	960	0007	12/14/84	1	DRUM	6	
15523	O-14319	960	0007	12/14/84	1	DRUM	6	,IAPS
15524	O-12676	819	0107	09/12/84	1	DRUM	6	,CPL
15525	O-14317	960	0007	12/14/84	1	DRUM	6	
15526	O-18941	566	0122	05/07/84	1	DRUM	6	
15527	O-8730	566	0122	/ /	1	DRUM	6	NA
15528	O-8931	566	0122	/ /	1	DRUM	6	NA
15529	O-8940	566	0122	05/07/84	1	DRUM	6	
15530	O-16628	NA	0002	08/30/84	1	DRUM	6	
15531	O-16623	NA	0002	08/30/84	1	DRUM	6	
15532	O-16630	NA	0002	08/30/84	1	DRUM	6	
15533	O-16629	NA	0002	08/30/84	1	DRUM	6	
15534	O-12536	812	0007	/ /	1	DRUM	6	NA
15535	NA	NA	0017	/ /	1	DRUM	6	NA
15536	O-12542	812	0007	/ /	1	DRUM	6	NA
15537	O-12535	812	0007	/ /	1	DRUM	6	NA
15538	O-10122	646	0022	07/04/84	1	DRUM	6	
15539	O-10114	646	0022	07/04/84	1	DRUM	6	
15540	O-10115	646	0022	07/04/84	1	DRUM	6	
15541	O-10123	646	0022	07/04/84	1	DRUM	6	
15542	O-10118	646	0022	07/04/84	1	DRUM	6	
15543	O-10110	646	0022	07/04/84	1	DRUM	6	
15544	O-10111	646	0022	07/04/84	1	DRUM	6	
15545	O-10119	646	0022	07/04/84	1	DRUM	6	
15546	O-8935	566	0122	05/02/84	1	DRUM	6	
15547	O-8933	566	0122	05/07/84	1	DRUM	6	
15548	NA	566	0122	05/07/84	1	DRUM	6	
15549	O-7789	449	0045	12/08/83	1	DRUM	6	
15550	O-14306	958	0017	11/20/84	1	DRUM	6	
15551		958	0017	11/20/84	1	DRUM	6	
15552	O-14304	954	0017	11/20/84	1	DRUM	6	
15553	O-14305	958	0017	11/20/84	1	DRUM	6	
15554	O-10105	646	0022	07/04/84	1	DRUM	6	
15555	O-10116	646	0022	07/04/84	1	DRUM	6	
15556	O-10117	646	0022	07/04/84	1	DRUM	6	
15557	O-11722	775	0072	11/18/83	1	DRUM	6	
15558	O-8840	554	0105	04/28/84	1	DRUM	6	

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15559	O-10163	647	0022	07/06/84	1	DRUM	6	
15560	O-10164	647	0022	07/06/84	1	DRUM	6	
15561	O-8841	556	0105	04/28/84	1	DRUM	6	
15562	O-11925	775	0072	11/18/83	1	DRUM	6	
15563	O-11944	775	0072	/ /	1	DRUM	6	NA
15564	O-11915	775	0072	/ /	1	DRUM	6	NA
15565	O-11924	775	0072	11/17/83	1	DRUM	6	
15566	NA	706	0028	/ /	1	DRUM	6	NA,NO
15567	NA	NA	NA	/ /	0	DRUM	6	NA
15568	NA	NA	NA	/ /	0	DRUM	6	NA
15569	NA	NA	NA	/ /	1	DRUM	6	NA
15570	R-120	MCR	0002	09/13/84	1	DRUM	6	
15571	NA	NA	NA	/ /	0	DRUM	6	NA
15572	R-127	MCR	0002	09/13/84	1	DRUM	6	
15573	NA	NA	0002	09/13/84	1	DRUM	6	
15574	O-10937	700	0045	07/09/84	1	DRUM	6	
15575	O-10936	700	0045	08/09/84	1	DRUM	6	
15576	O-10901	694	0001	08/02/84	1	DRUM	6	
15577	O-11923	6775	0072	11/09/84	1	DRUM	6	
15578	O-9500	601	0007	06/07/84	1	DRUM	6	
15579	O-13455	899	0050	/ /	1	DRUM	6	NA,ORANGE+ ROCKBIRD
15580	O-9892	623	0016	06/19/84	1	DRUM	6	,TEXAS
15581	O-9880	623	0016	06/19/84	1	DRUM	6	
15582	O-10927	700	0045	07/09/84	1	DRUM	6	
15583	O-10928	700	0045	07/10/84	1	DRUM	6	
15584	O-10929	700	0045	07/09/84	1	DRUM	6	
15585	O-10930	700	0045	/ /	1	DRUM	6	4
15586	O-14171	956	0017	11/20/84	1	DRUM	6	
15587	O-14170	956	0017	11/20/84	1	DRUM	6	
15588	O-14284	958	0017	11/20/84	1	DRUM	6	
15589	O-14258	958	0017	11/20/84	1	DRUM	6	
15590	O-16853	1254	0004	11/10/84	1	DRUM	6	, SW
15591	O-16859	1254	0004	12/31/84	1	DRUM	6	, SW
15592	O-16857	1254	0004	11/02/84	1	DRUM	6	, SW
15593	O-16860	1254	0004	12/31/84	1	DRUM	6	
15594	O-8403	505	0123	03/15/84	1	DRUM	6	
15595	O-8417	505	0123	/ /	1	DRUM	6	NA
15596	O-8418	505	0123	03/15/84	1	DRUM	6	
15597	O-8404	505	0123	03/15/84	1	DRUM	6	
15598	O-12441	806	0017	09/17/84	1	DRUM	6	
15599	O-12440	806	0017	09/18/84	1	DRUM	6	
15600	O-12439	806	0017	09/20/84	1	DRUM	6	
15601	M-17065	1266	0054	03/13/85	1	DRUM	7	SOIL
15602	M-16423	1206	0017	02/21/85	1	DRUM	6	5
15603	4A-19868	MCR	0002	02/04/86	1	DRUM	6	OR

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15604	4A-19889	MCR	0002	02/06/86	1	DRUM	6	OR
15605	4A-19953	MCR	0002	02/11/86	1	DRUM	6	OR
15606	4A-19887	MCR	0002	02/06/86	1	DRUM	6	6 SHRCOR
15607	4A-19913	MCR	0002	02/10/86	1	DRUM	6	OR
15608	4A-19934	MCR	0002	02/11/86	1	DRUM	6	OR
15609	4A-19916	MCR	0002	02/10/86	1	DRUM	6	6 SMRCOR
15610	4A-19929	MCR	0002	02/10/86	1	DRUM	6	OR
15611	4A-19918	MCR	0002	02/10/86	1	DRUM	6	OR
15612	4A-19923	MCR	0002	02/10/86	1	DRUM	6	OR
15613	4A-19924	MCR	0002	02/10/86	1	DRUM	6	6 SHRCOR
15614	4A-19919	MCR	0002	02/10/86	1	DRUM	6	6 SHRCOR
15615	M-16166	1185	0006	03/11/85	1	DRUM	6	SOIL
15616		NA	0054	03/13/85	1	DRUM	6	5 SOIL
15617	4A-19926	MCR	0002	02/10/86	41	DRUM	6	OR
15618	4A-19911	MCR	0002	02/10/86	41	DRUM	6	OR
15619	4A-19883	MCR	0002	02/05/86	1	DRUM	6	OR
15620	4A-19878	MCR	0002	02/05/86	1	DRUM	6	OR
15621	4A-19906	MCR	0002	02/10/86	1	DRUM	6	6 SHRCOR
15622	4A-19930	MCR	0002	02/11/86	1	DRUM	6	6 SHRCOR
15623	CP-2689	MCR	0002	06/06/85	1	DRUM	6	COR
15624	CP-1292	MCR	0002	01/12/84	1	DRUM	6	COR
15625	CP-2666	MCR	0002	06/02/85	1	DRUM	6	COR
15626	CP-2667	MCR	0002	06/02/85	1	DRUM	6	SHRCOR
15627	CP-2664	MCR	0002	06/02/85	1	DRUM	6	COR
15628	CP-2663	MCR	0002	06/02/85	1	DRUM	6	SHRCOR
15629	CP-2674	MCR	0002	06/04/85	1	DRUM	6	SHRCOR
15630	CP-283	MCR	0002	01/25/84	1	DRUM	6	SHRCOR
15631		MCR	0002	/ /	1	DRUM	6	SHR COR
15632	4A-19927	MCR	0002	02/10/86	1	DRUM	6	6 SHRCOR
15633	4A-19880	MCR	0002	02/05/86	1	DRUM	6	OR
15634	4A-19876	MCR	0002	02/05/86	1	DRUM	6	OR
15635	4A-19932	MCR	0002	02/11/86	1	DRUM	7	6 SHRCOR
15636	4A-19912	MCR	0002	02/10/86	1	DRUM	7	6 SHRCOR
15637	CP-2684	MCR	0002	06/06/85	1	DRUM	6	SHRCOR
15638	CP-2675	MCR	0002	06/08/85	1	DRUM	6	COR
15639	CP-2080	MCR	0002	02/22/85	1	DRUM	6	COR
15640	CP-2493	MCR	0002	04/23/85	1	DRUM	6	SHRCOR
15641	CP-2346	MCR	0002	04/02/85	1	DRUM	6	COR
15642	CP-2348	MCR	0002	04/02/85	1	DRUM	6	COR
15643	CP-1870	MCR	0002	01/08/85	1	DRUM	6	SHRCOR
15644	CP-1904	MCR	0002	01/17/85	1	DRUM	4	SHRCOR
15645	CP-1315	MCR	0002	09/14/84	1	DRUM	6	COR
15646	CP-213	MCR	0002	01/06/84	1	DRUM	6	SHRCOR
15647	CP-211	MCR	0002	01/06/84	1	DRUM	6	COR
15648	CP-1420	MCR	0002	10/01/84	1	DRUM	6	SHRCOR
15649	CP-1873	MCR	0002	01/08/85	1	DRUM	6	COR

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15650	CP-1910	MCR	0002	01/17/85	1	DRUM	6	SHRCOR
15651	CP-2347	MCR	0002	04/02/85	1	DRUM	6	SHRCOR
15652	CP-2491	MCR	0002	04/23/85	1	DRUM	6	COR
15653	CP-1926	MCR	0002	02/05/85	1	DRUM	6	SHRCOR
15654	CP-2075	MCR	0002	02/22/85	1	DRUM	6	COR
15655	CP-2686	MCR	0002	06/06/85	1	DRUM	6	SHRCOR
15656	CP-2685	MCR	0002	06/06/85	1	DRUM	6	COR
15657	CP-287	MCR	0002	01/25/84	1	DRUM	6	COR
15658	CP-1937	MCR	0002	10/16/84	1	DRUM	6	COR
15659	CP-2452	MCR	0002	04/15/85	1	DRUM	6	COR
15660	CP-2502	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
15661	CP-1624	MCR	0002	04/11/84	1	DRUM	6	COR
15662	CP-2444	MCR	0002	04/14/85	1	DRUM	6	SHRCOR
15663	CP-1848	MCR	0002	01/03/85	1	DRUM	6	SHRCOR
15664	CP-1887	MCR	0002	01/11/85	1	DRUM	6	SHRCOR
15665	CP-802	MCR	0002	05/01/84	1	DRUM	6	SHRCOR
15666	CP-864	MCR	0002	05/31/84	1	DRUM	6	SHRCOR
15667	CP-813	MCR	0002	05/16/84	1	DRUM	6	SHRCOR
15668	CP-814	MCR	0002	05/16/84	1	DRUM	6	COR
15669	CP-1886	MCR	0002	01/11/85	1	DRUM	6	COR
15670	CP-1847	MCR	0002	01/02/85	1	DRUM	6	COR
15671	CP-1076	MCR	0002	02/27/84	1	DRUM	6	SHRCOR
15672	CP-1896	MCR	0002	01/15/85	1	DRUM	6	SHRCOR
15673	CP-2505	MCR	0002	04/24/85	1	DRUM	6	COR
15674	CP-2442	MCR	0002	04/14/85	1	DRUM	6	COR
15675	CP-1854	MCR	0002	01/04/85	1	DRUM	6	COR
15676	CP-1896	MCR	0002	01/04/85	1	DRUM	6	COR
15677	CP-1309	MCR	0002	03/06/84	1	DRUM	6	COR
15678	CP-1253	MCR	0002	07/19/84	1	DRUM	6	SHRCOR
15679	CP-1386	MCR	0002	09/14/84	1	DRUM	6	COR
15680	CP-1266	MCR	0002	09/07/84	1	DRUM	6	COR
15681	CP-2445	MCR	0002	04/14/85	1	DRUM	6	COR
15682	CP-2576	MCR	0002	05/14/85	1	DRUM	6	COR
15683	CP-2083	MCR	0002	02/24/85	1	DRUM	6	SHRCOR
15684	CP-2081	MCR	0002	02/24/85	1	DRUM	6	SHRCOR
15685	CP-1832	MCR	0002	12/27/84	1	DRUM	6	COR
15686	4A-19891	MCR	0002	02/06/86	1	DRUM	6	6 SHRCOR
15687	CP-2331	MCR	0002	03/31/85	1	DRUM	6	COR
15688	CP-2107	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
15689	CP-2604	MCR	0002	05/16/85	1	DRUM	6	SHRCOR
15690	CP-2602	MCR	0002	05/16/85	1	DRUM	6	SHRCOR
15691	CP-1533	MCR	0002	10/16/84	1	DRUM	6	COR
15692	CP-1294	MCR	0002	09/12/84	1	DRUM	6	SHRCOR
15693		MCR	0002	07/18/84	1	DRUM	6	4 SHRCOR
15694	CP-1073	MCR	0002	07/27/84	1	DRUM	6	COR
15695	C-18562	1443	0116	08/12/85	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15696		NA	NA	/ /	0	DRUM	6	NA OP
15697	C-18567	1443	0116	07/21/85	1	DRUM	6	
15698	M-21128	1705	0004	07/23/85	1	DRUM	7	SOIL
15699	M-21127	1705	0004	07/23/85	1	DRUM	6	,SW
15700	W-21126	1705	0004	07/23/85	1	DRUM	6	
15701	M-21125	1705	0004	07/23/85	1	DRUM	6	,SWE
15702	O-12442	806	0017	09/18/84	1	DRUM	6	
15703	O-16520	1213	0004	05/11/84	1	DRUM	6	
15704	O-16518	1213	0004	/ /	1	DRUM	6	NA, SW
15705	O-16519	1213	0004	/ /	1	DRUM	6	NA
15706	O-16521	1213	0004	05/11/84	1	DRUM	6	,SWEPCO
15707	O-12445	806	0017	07/20/84	1	DRUM	6	
15708	O-12436	806	0010	09/20/84	1	DRUM	6	
15709	O-12435	806	0017	09/17/84	1	DRUM	6	
15710	O-12446	806	0017	09/17/84	1	DRUM	6	
15711	O-15272	1089	0013	12/05/84	1	DRUM	6	
15712	O-15289	1089	0013	12/05/84	1	DRUM	6	
15713	O-15288	1089	0013	12/05/84	1	DRUM	6	
15714	O-15273	1089	0013	12/05/84	1	DRUM	6	
15715		601	0007	06/07/84	1	DRUM	6	
15716		601	0007	06/07/84	1	DRUM	6	
15717		601	0007	06/07/84	1	DRUM	6	
15718		601	0007	06/07/84	1	DRUM	6	
15719	O-9889	623	0016	06/19/84	1	DRUM	6	
15720	O-9882	623	0016	06/19/84	1	DRUM	6	
15721	O-9883	623	0016	06/19/84	1	DRUM	6	
15722	O-9888	623	0016	06/19/84	1	DRUM	6	
15723	O-9887	623	0016	06/19/84	1	DRUM	6	
15724	O-9884	623	0016	06/19/84	1	DRUM	6	
15725	O-9885	623	0016	06/19/84	1	DRUM	6	
15726	O-9886	623	0016	06/19/84	1	DRUM	6	
15727	O-10697	MCR	0002	07/26/84	1	DRUM	6	
15728	O-10643	NA	0002	07/26/84	1	DRUM	6	
15729	O-10635	NA	0002	07/26/84	1	DRUM	6	
15730	O-10696	MCR	0002	07/26/84	1	DRUM	6	
15731	O-12456	806	0017	09/11/84	1	DRUM	6	
15732	O-14943	124	0121	01/11/85	1	DRUM	6	
15733	O-14946	124	0121	07/03/84	1	DRUM	6	
15734	O-12955	806	0017	09/11/84	1	DRUM	6	
15735	O-14019	937	0001	11/28/84	1	DRUM	6	, KPL
15736	O-16769	1243	0106	10/04/84	1	DRUM	6	, ELK
15737	O-14018	937	0001	11/28/84	1	DRUM	6	, KPL
15738	O-14079	945	0016	10/05/84	1	DRUM	6	, WT
15739	NA	959	0007	08/22/84	1	DRUM	6	,IAP
15740	NA	959	0007	08/22/84	1	DRUM	6	, IPS
15741	O-12451	806	0017	09/11/84	1	DRUM	6	,IAP

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15742	NA	957	0007	08/22/84	1	DRUM	6	, IPS
15743	O-14961	1024	0121	07/03/84	1	DRUM	6	
15744	O-14960	1024	0121	01/15/85	1	DRUM	6	,SUN
15745	O-14958	1024	0121	01/11/85	1	DRUM	6	
15746	O-14959	1024	0121	01/11/85	1	DRUM	6	,SUN BELT
15747	O-14980	1024	0121	08/03/84	1	DRUM	6	
15748	O-14978	1024	0121	08/03/84	1	DRUM	6	
15749	O-14979	1024	0121	08/03/84	1	DRUM	6	
15750	O-14977	1024	0121	08/03/84	1	DRUM	6	
15751	O-13997	942	0022	05/29/84	1	DRUM	6	
15752	O-13994	942	0022	/ /	1	DRUM	6	NA
15753	O-13996	942	0022	05/29/84	1	DRUM	6	
15754	O-12452	806	0017	09/11/84	1	DRUM	6	
15755	O-13999	942	0022	07/06/84	1	DRUM	6	
15756	O-13992	942	0022	10/23/84	1	DRUM	6	
15757	O-13998	942	0022	06/04/84	1	DRUM	6	
15758	O-13993	942	0022	10/23/84	1	DRUM	6	
15759		685	0019	07/31/84	1	DRUM	6	
15760		685	0019	/ /	1	DRUM	6	NA
15761		685	0019	/ /	1	DRUM	6	NA
15762		685	0019	07/31/84	1	DRUM	6	
15763	O-10768	685	0019	07/04/84	1	DRUM	6	
15764	O-10766	685	0019	07/31/84	1	DRUM	6	
15765	O-10767	685	0019	07/19/84	1	DRUM	6	
15766	O-10769	685	0019	07/31/84	1	DRUM	6	
15767		685	0019	07/31/84	1	DRUM	6	
15768		685	0019	07/21/84	1	DRUM	6	
15769		685	0019	07/31/84	1	DRUM	6	
15770		685	0019	07/31/84	1	DRUM	6	
15771	O-14616	NA	0002	01/02/85	1	DRUM	6	
15772	O-14618	NA	0002	01/02/85	1	DRUM	6	
15773	O-14619	NA	0002	01/02/85	1	DRUM	6	
15774	O-14617	NA	0002	01/02/85	1	DRUM	6	
15775	O-13225	875	0022	08/01/84	1	DRUM	6	
15776	O-13224	875	0022	06/07/84	1	DRUM	6	
15777	NA	NA	NA	/ /	0	DRUM	6	NA
15778	O-13223	525	0022	10/18/83	1	DRUM	6	
15779	NA	NA	NA	/ /	0	DRUM	6	NA
15780	NA	NA	NA	/ /	0	DRUM	6	NA
15781	NA	930	0074	08/01/84	1	DRUM	6	
15782	NA	NA	NA	/ /	0	DRUM	6	NA
15783	O-18620	1444	0014	03/07/85	1	DRUM	6	
15784	O-18621	1444	0014	04/12/85	1	DRUM	6	
15785	O-18619	1444	0014	03/07/85	1	DRUM	6	
15786	O-18622	1444	0014	03/07/85	1	DRUM	6	
15787	O-3694	725	0124	08/18/84	1	DRUM	6	,MIG000003 694

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15788	O-11471?	725	0124	08/17/84	1	DRUM	6	
15789	O-56472	NA	0124	08/17/84	1	DRUM	6	
15790	NA	283066	0124	06/20/84	1	DRUM	6	
15791	O-21648	1789	0054	01/15/86	1	DRUM	6	
15792	O-21647	1789	0054	02/05/86	1	DRUM	6	
15793	O-21646	1789	0054	02/05/86	1	DRUM	6	
15794	O-21649	1789	0054	02/05/86	1	DRUM	6	
15795	O-2020	59	0125	/ /	1	DRUM	6	NA
15796	O-15832	1159	0004	04/23/84	1	DRUM	6	
15797	O-2023	59	0125	/ /	1	DRUM	6	NA
15798	O-2021	59	0125	/ /	1	DRUM	6	NA
15799	NA	918	0018	/ /	1	DRUM	6	COLO S, CDD000820407
15800	O-9310	597	0018	05/31/84	1	DRUM	6	
15801	O-9309	597	0018	05/31/84	1	DRUM	6	
15802	O-9294	597	0018	03/19/84	1	DRUM	6	, COLO S
15803	O-15833	1157	0004	04/23/84	1	DRUM	6	,SWE
15804	O-9356	600	0007	06/05/84	1	DRUM	6	, IAPS
15805	O-9361	600	0007	06/05/84	1	DRUM	6	, IAPS
15806	O-9358	600	0007	06/05/84	1	DRUM	6	,IA.P
15807	O-11284	MCR	0002	08/31/84	1	DRUM	6	,MCR11284
15808	O-9374	600	0007	06/05/84	1	DRUM	6	
15809	OT-5859A	283	0020	08/02/84	1	DRUM	6	
15810	O-12925	839	NA	09/11/84	1	DRUM	6	
15811	NA	NA	NA	03/07/84	1	DRUM	6	
15812	NA	NA	NA	/ /	1	DRUM	6	NA
15813	PST-38	MCR	NA	03/07/84	1	DRUM	6	
15814	NA	NA	NA	/ /	1	DRUM	6	NA
15815	O-10165	647	0022	07/06/84	1	DRUM	6	
15816	O-10168	647	0022	07/06/84	1	DRUM	6	,ILP
15817	O-10167	647	0022	07/06/84	1	DRUM	6	,ILP
15818	O-10166	647	0022	07/06/84	1	DRUM	6	,IL.PO.
15819	NA	1003	0004	01/31/84	1	DRUM	6	,SW
15820	O-14715	1003	0004	01/31/84	1	DRUM	6	,SW
15821	O-14716	1003	0004	02/16/84	1	DRUM	6	,SW
15822	O-14709	1003	0004	01/31/84	1	DRUM	6	EMPTY,SW
15823	O-16939	795	0072	11/18/84	1	DRUM	6	
15824	O-11940	775	0072	/ /	1	DRUM	6	NA
15825	O-11952	775	0072	02/02/84	1	DRUM	6	
15826	O-11941	775	0072	/ /	1	DRUM	6	NA
15827		313	0126	08/06/84	1	DRUM	6	
15828		NA	0002	07/31/84	1	DRUM	6	4
15829		NA	0002	/ /	1	DRUM	6	NA
15830		1003	0004	02/11/84	1	DRUM	6	
15831	O-6596	352	0007	11/30/20	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15832	O-6586	352	0007	/ /	1	DRUM	6	NA
15833	O-8902	MCR	0002	/ /	1	DRUM	6	NA
15834	NA	1352	0007	11/30/20	1	DRUM	6	
15835	O-12457	806	0017	09/21/84	1	DRUM	6	
15836	O-10836	686	0017	07/31/84	1	DRUM	6	
15837	O-12458	806	0017	09/20/84	1	DRUM	6	
15838	O-12459	806	0017	09/11/84	1	DRUM	6	
15839	O-10931	700	0045	07/09/84	1	DRUM	6	,COLO SPRING
15840	O-16383	1205	0017	04/03/83	1	DRUM	6	
15841	O-16488	1216	0035	03/30/85	1	DRUM	6	
15842	O-16362	1205	0017	02/18/85	1	DRUM	6	, IPS
15843	O-16311	1190	0004	07/17/84	1	DRUM	6	
15844	O-16308	1190	0004	10/10/84	1	DRUM	6	
15845	O-16316	1190	0004	07/17/84	1	DRUM	6	
15846	O-16318	1190	0004	07/17/84	1	DRUM	6	
15847	O-9054	119753	0113	05/20/82	2	DRUM	6	
15848	O-13114	872	NA	08/09/84	1	DRUM	6	
15849	O-13113	872	NA	10/07/84	1	DRUM	6	
15850	O-8252	491	NA	/ /	1	DRUM	6	NA
15851	NA	NA	NA	08/30/84	1	DRUM	6	LAB02
15852	O-10822	686	0017	07/31/84	1	DRUM	6	
15853	NA	LAB01	0002	08/30/84	1	DRUM	6	
15854	O-20521	1678	NA	06/04/84	1	DRUM	6	
15855	M-8789	553	0007	04/20/84	1	DRUM	6	
15856	O-7882	458	NA	01/20/84	1	DRUM	6	
15857	OT-10538	662	NA	/ /	1	DRUM	6	EPA 0-T1053-B
15858	O-12429	806	0017	09/24/84	1	DRUM	6	
15859	O-11151	709	0019	08/13/84	1	DRUM	6	
15860	O-11150	709	0019	08/11/84	1	DRUM	6	,IPS
15861	O-11152	709	0019	08/11/84	1	DRUM	6	
15862	O-11139	709	0017	08/11/84	1	DRUM	6	,IPS
15863	OX-254	MCR	0002	08/20/84	1	DRUM	6	
15864	OX-269	MCR	0002	08/29/84	1	DRUM	6	,R
15865	OX-256	MCR	0002	08/20/84	1	DRUM	6	,MCR
15866	OX-255	MCR	0002	08/20/85	1	DRUM	6	,R
15867	OX-260	MCR	0002	08/24/84	1	DRUM	6	, R
15868	OX-268	MCR	0082	08/29/84	1	DRUM	6	, R
15869	OX-259	MCR	0002	08/29/84	1	DRUM	6	, R
15870	OX-257	MCR	0002	08/24/84	1	DRUM	6	
15871	O-14965	1024	0121	12/05/84	1	DRUM	6	
15872	O-15146	1075	0004	02/22/84	1	DRUM	6	
15873	O-15194	1075	0004	04/11/84	1	DRUM	6	
15874	O-14967	1024	0121	12/18/84	1	DRUM	6	
15875	V-059	MCR	0002	12/28/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15876	O-14981	1024	0121	08/03/84	1	DRUM	6	
15877	LC-14336	965	0022	10/29/84	1	DRUM	6	
15878		NA	0002	01/02/85	1	DRUM	6	5
15879	O-15010	1037	0055	12/12/84	1	DRUM	6	, NE
15880	O-15012	1037	NA	12/12/84	1	DRUM	6	
15881	O-17923	1349	0017	/ /	1	DRUM	6	NA,IAP
15882	O-15011	1037	0055	12/12/84	1	DRUM	6	, NE
15883	O-14193	956	0017	12/20/85	1	DRUM	6	
15884	O-11285	NA	NA	08/18/84	1	DRUM	6	
15885	O-11283	NA	0002	08/31/84	1	DRUM	6	
15886	O-11282	MCR	NA	08/18/84	1	DRUM	6	,MCR11282
15887	O-14720	1003	0004	01/26/84	1	DRUM	6	, SW
15888	O-14705	1003	0004	01/26/84	1	DRUM	6	, SW
15889		179	0002	01/28/85	1	DRUM	6	R
15890	CP-1995	MCR	0002	01/28/85	1	DRUM	6	COR
15891	CP-1931	MCR	0002	01/24/85	1	DRUM	6	SHRCOR
15892	CP-1932	MCR	0002	01/24/85	1	DRUM	6	SHRCOR
15893	CP-1763	MCR	0002	12/05/84	1	DRUM	6	COR
15894	CP-1759	MCR	0002	12/04/84	1	DRUM	6	COR
15895	CP-2725	MCR	0002	06/19/85	1	DRUM	6	COR
15896	CP-1760	MCR	0002	12/04/86	1	DRUM	6	SHRCOR
15897	CP-1934	MCR	0002	01/24/85	1	DRUM	6	SHRCOR
15898	CP-1933	MCR	0002	01/24/85	1	DRUM	6	COR
15899	CP-1944	MCR	0002	01/28/85	1	DRUM	6	COR
15900	CP-1947	MCR	0002	01/25/85	1	DRUM	6	SHRCOR
15901	CP-2355	MCR	0002	04/02/85	1	DRUM	6	COR
15902	CP-2356	MCR	0002	04/02/85	1	DRUM	6	SHRCOR
15903	CP-2361	MCR	0002	04/03/85	1	DRUM	6	SHRCOR
15904	CP-2360	MCR	0002	04/03/85	1	DRUM	6	COR
15905	CP-960	MCR	0002	07/02/84	1	DRUM	6	COR
15906	CP-961	MCR	0002	07/02/84	1	DRUM	6	SHRCOR
15907	CP-2439	MCR	0002	04/12/85	1	DRUM	6	SHRCOR
15908	CP-2438	MCR	0002	04/12/85	1	DRUM	6	COR
15909	CP-2425	MCR	0001	12/07/84	2	DRUM	6	COR
15910	CP-2433	MCR	0002	04/11/85	1	DRUM	6	COR
15911	CP-2620	MCR	0010	/ /	2	DRUM	6	NA
15912	CP-2619	MCR	0002	05/21/85	1	DRUM	6	COR
15913	CP-218	MCR	0002	05/21/85	1	DRUM	6	SHRCOR
15914	CP-2617	MCR	0002	05/21/85	1	DRUM	6	SHRCOR
15915	CP-2434	MCR	0002	04/16/85	1	DRUM	6	SHRCOR
15916	CP-2436	MCR	0002	04/11/85	1	DRUM	6	COR
15917	CP-2437	MCR	0002	04/12/85	1	DRUM	6	SHRCOR
15918	CP-2514	MCR		/ /	0		0	
15918	CP-963	MCR	0002	04/12/85	1	DRUM	6	SHRCOR
15919		MCR	0002	07/02/84	1	DRUM	6	OR
15920		MCR	0002	07/02/84	1	DRUM	6	4 SHRCOR

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
15921	CP-2359	MCR	0002	04/03/85	1	DRUM	6	SHRCOR
15922	CP-2305	MCR	0002	03/27/85	1	DRUM	6	SHRCOR
15923	CP-2358	MCR	0002	04/02/85	1	DRUM	6	COR
15924	CP-2354	MCR	0002	04/02/85	1	DRUM	6	SHRCOR
15925	CP-2623	MCR	0002	05/22/85	1	DRUM	6	COR
15926	CP-2624	MCR	0002	05/22/85	1	DRUM	6	SHRCOR
15927	CP-2715	MCR	0002	06/13/85	1	DRUM	6	SHRCOR
15928	CP-2720	MCR		/ /	0		0	
15928	CP-962	MCR	0002	06/19/85	1	DRUM	6	COR
15929	CP-2722	MCR	0002	06/19/85	1	DRUM	6	SHRCOR
15930	CP-2724	MCR	0002	06/19/85	1	DRUM	6	SHRCOR
15931	CP-1953	MCR	0002	01/22/85	1	DRUM	6	SHRCOR
15932	C-11110	706	0097	08/11/84	2	DRUM	6	R
15933	CP-1899	MCR	0002	01/16/85	1	DRUM	6	SHRCOR
15934	CP-1900	MCR	0002	01/16/85	1	DRUM	6	COR
15935	CP-1553	MCR	0002	06/29/84	1	DRUM	6	SHRCOR
15936	CP-1548	MCR	0002	11/14/84	1	DRUM	6	COR
15937	CP-1541	MCR	0002	10/14/84	1	DRUM	6	SHRCOR
15938	CP-1538	MCR	0002	10/12/84	1	DRUM	6	COR
15939	CP-1902	MCR	0002	01/16/85	1	DRUM	6	COR
15940	CP-1901	MCR	0002	01/16/85	1	DRUM	6	SHRCOR
15941	CP-1955	MCR	0002	01/29/85	1	DRUM	6	COR
15942	CP-1956	MCR	0002	01/29/85	1	DRUM	6	SHRCOR
15943	CP-1758	MCR	0002	12/04/84	1	DRUM	6	SHRCOR
15944	CP-2723	MCR	0002	06/19/85	1	DRUM	6	COR
15945	CP-2721	MCR	0002	06/19/85	1	DRUM	6	COR
15946	CP-2716	MCR	0002	06/13/85	1	DRUM	6	COR
15947	CP-2622	MCR	0002	05/13/85	1	DRUM	6	SHRCOR
15948	CP-2621	MCR	0002	05/22/85	1	DRUM	6	COR
15949	CP-1892	MCR	0002	01/15/85	1	DRUM	6	COR
15950	CP-1876	MCR	0002	01/11/85	1	DRUM	6	SHRCOR
15951	4A-2831	MCR	0002	07/31/84	1	DRUM	6	4 SHRCOR
15952	4A-2832	MCR	0002	07/31/84	1	DRUM	6	OR
15953	4A-4758	MCR	NA	/ /	0	DRUM	6	0 SHRCOR
15954	4A-4759	MCR	0002	/ /	1	DRUM	6	NA
15955	CP-1287	MCR	0002	02/20/84	1	DRUM	6	COR
15956	CP-1290	MCR	0002	02/20/84	1	DRUM	6	SHRCOR
15957	CP-1764	MCR	0002	12/05/84	1	DRUM	6	SHRCOR
15958	CP-1767	MCR	0002	12/06/84	1	DRUM	6	COR
15959	4A-2827	MCR	0002	07/31/84	1	DRUM	6	4 SHRCOR
15960	4A-2750	MCR	0002	07/25/84	1	DRUM	6	4 SHRCOR
15961	4A-2829	MCR	NA	07/31/84	1	DRUM	6	4 SHRCOR
15962	4A-2828	MCR	0002	07/31/84	1	DRUM	6	OR
15963	CP-1762	MCR	0002	12/05/84	1	DRUM	6	SHRCOR
15964	CP-1761	MCR	0002	12/05/84	1	DRUM	6	COR
15965	CP-1288	MCR	0002	02/20/84	1	DRUM	6	COR

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15966	CP-1287	MCR	0002	02/20/84	1	DRUM	6	SHRCOR
15967	4A-4756	MCR	0018	/ /	2	DRUM	6	NA
15968	4A-4757	MCR	0021	/ /	2	DRUM	6	OR
15969	4A-2833	MCR	0002	07/31/84	1	DRUM	6	4 SHRCOR
15970	4A-2834	MCR	0002	07/31/84	1	DRUM	6	OR
15971	CP-1893	MCR	0002	01/15/85	1	DRUM	6	SHRCOR
15972	CP-1894	MCR	0002	01/15/85	1	DRUM	6	COR
15973	4A-2527	MCR	0002	06/28/84	1	DRUM	6	4 SHRCOR
15974	4A-2524	MCR	0002	06/28/84	1	DRUM	6	4 SHRCOR
15975		MCR	NA	/ /	0	DRUM	6	SHRCOR
15976	NA	MCR	NA	/ /	0	DRUM	6	SHRCOR
15977	CP-2527	MCR	0022	04/06/84	2	DRUM	6	SHRCOR
15977	M-14734	NA		/ /	0		0	
15978	CP-2526	MCR	0022	/ /	2	DRUM	6	COR
15979	CP-2544	MCR	0002	05/02/85	1	DRUM	6	COR
15980	CP-2343	MCR	0016	10/11/84	2	DRUM	6	SHRCOR
15981	CP-2090	MCR	0002	03/11/85	1	DRUM	6	COR
15982	CP-2091	MCR	0002	03/11/85	1	DRUM	6	COR
15983	CP-2176	MCR	0002	03/06/85	1	DRUM	6	SHRCOR
15984	CP-2187	MCR	0019	08/16/84	2	DRUM	6	SHRCOR
15985	CP-2186	MCR	0002	03/11/85	1	DRUM	6	COR
15986	CP-19058	MCR	0002	06/15/84	1	DRUM	6	COR
15987	CP-2188	MCR	0002	03/11/85	1	DRUM	6	COR
15988	CP-2189	MCR	0002	03/11/85	1	DRUM	6	SHRCOR
15989	CP-2542	MCR	0002	05/02/85	1	DRUM	6	SHRCOR
15990	CP-2541	MCR	0010	/ /	2	DRUM	6	COR
15990	CP-2569	MCR		/ /	0		0	
15991	CP-2523	MCR	0021	/ /	2	DRUM	6	COR
15992	M-9515	607	0021	06/07/84	2	DRUM	6	SHRCOR
15993	4A-2830	MCR	0002	07/31/84	1	DRUM	6	OR
15994	4A-2774	MCR	NA	07/26/84	0	DRUM	6	OR
15995	4A-3572	MCR	0002	06/28/83	1	DRUM	6	3 SHRCOR
15996	4A-2526	MCR	0002	06/28/84	1	DRUM	6	OR
15997	CP-2568	MCR	0002	09/30/84	1	DRUM	6	COR
15998		MCR	0002	05/06/85	1	DRUM	6	COR
15999	CP-2050	MCR	0122	/ /	2	DRUM	6	SHRCOR
16000	CP-2051	MCR	0002	02/19/85	1	DRUM	6	COR
16001	O-14706	1003	0004	01/31/84	1	DRUM	6	, SW
16002	O-14709	1003	0004	01/26/84	1	DRUM	6	, SW
16003	O-9316	597	0045	03/19/84	1	DRUM	6	
16004	O-9314	597	0045	03/19/84	1	DRUM	6	
16005	O-9291	597	0045	05/31/84	1	DRUM	6	
16006	O-9289	597	0045	03/09/84	2	DRUM	6	
16007	O-17491	1305	0015	04/28/85	1	DRUM	6	, ISP
16008	O-17489	1305	0015	10/11/85	1	DRUM	6	
16009	O-17488	1305	0015	10/11/84	1	DRUM	6	,ISP

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16010	O-17490	1305	0015	04/28/85	1	DRUM	6	, ISP
16011	W-6915	MCR	0002	11/02/83	1	DRUM	6	
16012	O-6914	NA	0002	11/02/83	1	DRUM	6	
16013	O-106916	NA	0002	11/02/83	1	DRUM	6	
16014	O-14985	1024	0121	08/03/84	1	DRUM	6	
16015	O-6900	NA	0127	/ /	2	DRUM	6	NA, R
16016	O-6901	NA	0002	11/02/85	1	DRUM	6	
16017	O-6899	NA	0002	01/02/83	1	DRUM	6	
16018	O-6898	NA	0002	11/02/83	1	DRUM	6	,R
16019	NA	NA	NA	/ /	0	DRUM	6	NA
16020	NA	NA	NA	/ /	0	DRUM	6	NA
16021	M-6372	NA	0002	10/11/83	1	DRUM	6	
16022	NA	NA	0015	11/18/83	1	DRUM	6	
16023	NA	NA	NA	/ /	1	DRUM	6	NA,H2O
16024	NA	NA	NA	/ /	1	DRUM	6	NA
16025	NA	NA	NA	/ /	1	DRUM	6	NA
16026	NA	NA	NA	/ /	1	DRUM	6	NA,H2O
16027	O-16865	1254	0004	11/06/84	1	DRUM	6	,SW
16028	O-16866	1254	0004	12/31/84	1	DRUM	6	,SW
16029	O-16117	1178	0077	/ /	1	DRUM	6	NA,FLOR KEY
16030	O-16864	1254	0004	11/06/84	1	DRUM	6	,SW
16031	O-10699	MCR	0002	07/26/84	1	DRUM	6	
16032	O-10700	MCR	0002	07/26/84	1	DRUM	6	
16033	O-10701	MCR	0002	07/26/84	1	DRUM	6	
16034	O-10702	MCR	0002	07/26/84	1	DRUM	6	
16035	O-20525	1678	0004	07/23/85	1	DRUM	6	
16036	O-20524	1678	0004	06/17/85	1	DRUM	6	
16037	O-20523	1678	0004	07/09/85	1	DRUM	6	
16038	O-20526	1678	0004	07/23/85	1	DRUM	6	
16039	O-11518	746	0007	08/27/84	1	DRUM	6	
16040	O-11516	746	0007	08/27/84	1	DRUM	6	
16041	O-11517	746	0007	08/27/84	1	DRUM	6	
16042	O-11519	746	0007	08/27/84	1	DRUM	6	
16043	OX-393	MCR	0002	01/25/85	1	DRUM	6	,R
16044	OX-394	MCR	0002	01/25/85	1	DRUM	6	
16045	OX-391	MCR	0002	01/25/85	1	DRUM	6	
16046	OX-395	MCR	0002	01/22/85	1	DRUM	6	
16047	O-11520	746	0007	08/27/84	1	DRUM	6	, IPS
16048	O-16521	1213	0007	08/27/84	1	DRUM	6	,IAP
16049	O-11522	746	0007	07/27/84	1	DRUM	6	,IAP
16050	16523	746	0007	08/27/84	1	DRUM	8	,R
16051	OX-309	MCR	0002	04/15/85	1	DRUM	6	,R
16052	OX-261	MCR	0002	08/24/84	1	DRUM	6	
16053	OX-508	MCR	0002	04/15/85	1	DRUM	6	
16054	OX-507	MCR	0002	04/15/85	1	DRUM	6	

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16055	O-11488	751	0127	/ /	1	DRUM	6	NA
16056	O-5362	243	NA	/ /	1	DRUM	6	NA
16057	O-5360	243	NA	/ /	1	DRUM	6	NA
16057	OX-508	MCR		/ /	0			R
16058	O-5361	243	NA	/ /	1	DRUM	6	NA, IPS
16059	O-10807	685	0007	07/31/84	1	DRUM	6	, IPS
16060	O-10795	685	0038	03/27/84	1	DRUM	6	,PLAINES E
16061	O-10808	685	0007	/ /	1	DRUM	6	NA,IPS
16062	O-14180	956	0017	/ /	1	DRUM	6	NA,IPS
16063	NA	NA	NA	/ /	0	DRUM	6	NAOVERPACKED
16064	O-20914	1708	0032	/ /	1	DRUM	6	NA
16065	O-20915	1708	0032	/ /	1	DRUM	6	NA
16066	O-20920	1708	0032	/ /	1	DRUM	6	NA
16067	O-20422	1666	0015	10/08/85	1	DRUM	6	
16068	O-19966	1603	0004	03/07/85	1	DRUM	6	
16069	O-19967	1603	0004	02/18/85	1	DRUM	6	
16070	O-20406	1666	0015	08/08/85	1	DRUM	6	
16071	O-20416	1666	0015	10/08/85	1	DRUM	6	
16072	O-20421	1666	0015	10/08/85	1	DRUM	6	
16073	O-20418	1666	0015	08/08/85	1	DRUM	6	
16074	O-20417	1666	0015	08/08/85	1	DRUM	6	
16075	O-19926	1603	0004	02/18/85	1	DRUM	6	
16076	O-19928	1603	0004	03/07/85	1	DRUM	6	
16077	O-19927	1603	0004	03/07/85	1	DRUM	6	
16078	O-19925	1603	0004	02/18/85	1	DRUM	6	
16079	O-20191	1645	0003	06/12/85	1	DRUM	6	,ME.PS.
16080	O-20190	1645	0003	10/28/85	1	DRUM	6	,ME.PS.
16081	O-20189	1645	0003	07/09/85	1	DRUM	6	,ME.PS.
16082	O-20192	1645	0003	04/08/85	1	DRUM	6	,ME.PS.
16083	O-19963	1603	0004	03/04/85	1	DRUM	6	
16084	O-19962	1603	0004	05/04/85	1	DRUM	6	
16085	O-19961	1603	0004	02/28/85	1	DRUM	6	
16086	O-19964	1603	0004	02/18/85	1	DRUM	6	
16087	O-19959	1603	0004	03/04/85	1	DRUM	6	
16088	O-19934	1603	0004	03/04/85	1	DRUM	6	
16089	O-19933	1603	0004	03/04/85	1	DRUM	6	,SW
16090	O-19960	1603	0004	03/04/85	1	DRUM	6	
16091	O-19931	1603	0004	03/04/85	1	DRUM	6	
16092	O-19922	1603	0004	02/11/85	1	DRUM	6	
16093	O-19930	1603	0004	02/18/85	1	DRUM	6	
16094	O-20000	1603	0004	02/18/85	1	DRUM	6	
16095	O-19936	1603	0004	/ /	1	DRUM	6	NA
16096	O-19957	1603	0004	03/04/85	1	DRUM	6	
16097	O-19958	1603	0004	03/04/85	1	DRUM	6	
16098	O-19935	1603	0004	03/04/85	1	DRUM	6	

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16099	O-19955	1603	0004	02/18/85	1	DRUM	6	
16100	O-19938	1603	0004	03/11/85	1	DRUM	6	
16101	O-19937	1603	0004	03/11/85	1	DRUM	6	
16102	O-19953	1603	0004	01/13/85	1	DRUM	6	
16103	O-19952	1603	0004	03/04/85	1	DRUM	6	
16104	O-19940	1603	0004	03/11/85	1	DRUM	6	
16105	O-19939	1603	0004	05/07/85	1	DRUM	6	
16106	O-19954	1603	0004	03/07/85	1	DRUM	6	
16107	O-19950	1603	0004	03/11/85	1	DRUM	6	
16108	O-19942	1603	0004	03/04/85	1	DRUM	6	
16109	O-19941	1603	0004	03/04/85	1	DRUM	6	
16110	O-19951	1603	0004	03/04/85	1	DRUM	6	
16111		1603	0004	02/18/85	1	DRUM	6	
16112		1603	0004	02/18/85	1	DRUM	6	
16113		1603	0004	03/04/85	1	DRUM	6	
16114		1603	0004	03/04/85	1	DRUM	6	
16115		1603	0004	03/04/85	1	DRUM	6	
16116		1603	0004	03/04/85	1	DRUM	6	
16117	O-19973	1603	0004	03/04/85	1	DRUM	6	
16118	O-19994	1603	0004	03/04/85	1	DRUM	6	
16119	O-19945	1603	0004	02/18/85	1	DRUM	6	
16120	O-19948	1603	0004	02/18/85	1	DRUM	6	
16121	O-19947	1603	0004	02/18/85	1	DRUM	6	
16122	O-19944	1603	0004	01/13/85	1	DRUM	6	
16123		1665	0015	10/08/85	2	DRUM	6	
16124	NA	NA	0017	/ /	1	DRUM	6	NA
16125	O-20424	1665	0015	10/08/85	2	DRUM	6	
16126	O-20425	1665	0015	10/08/85	2	DRUM	6	
16127	O-20359	1662	0004	07/09/85	1	DRUM	6	,SW
16128	O-20361	1662	0004	03/11/85	1	DRUM	6	,SW
16129	O-20365	1662	0004	05/01/85	1	DRUM	6	,SW
16130	O-20360	1662	0004	03/11/85	1	DRUM	6	,SW
16131	O-20419	1666	NA	/ /	2	DRUM	6	NA,ISP
16132	O-20420	1666	NA	/ /	2	DRUM	6	NA,ISP
16133	O-20429	1665	0015	10/08/85	2	DRUM	6	,ISP
16134	NA	NA	NA	/ /	2	DRUM	6	NA,ISP
16135	O-20433	1665	0015	10/08/85	2	DRUM	6	,ISP
16136	O-20431	1665	0015	10/08/85	2	DRUM	6	,ISP
16137	O-20432	1665	0015	10/08/85	2	DRUM	6	,ISP
16138		956	0017	/ /	1	DRUM	6	NA
16139		956	0017	11/26/84	1	DRUM	6	
16140		956	0017	11/26/84	1	DRUM	6	
16141		956	0017	/ /	1	DRUM	6	NA
16142	O-20917	1708	0032	/ /	1	DRUM	6	NA
16143	O-20911	1708	0032	/ /	1	DRUM	6	NA
16144	O-20912	1708	0032	/ /	1	DRUM	6	NA

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16145	O-20918	1708	0032	/ /	1	DRUM	6	NA
16146	O-19974	1603	0004	01/13/85	1	DRUM	6	,SW
16147	O-19993	1603	0004	01/13/85	1	DRUM	6	,SW
16148	O-19992	1603	0004	03/04/85	1	DRUM	6	,SW
16149	O-19975	1603	0004	03/04/85	1	DRUM	6	,SW
16150	O-19978	1603	0101	/ /	1	DRUM	6	5
16151	O-19989	1603	0004	01/13/85	1	DRUM	6	
16152	O-20383	1662	0004	05/04/85	1	DRUM	6	
16153	O-19979	1603	0004	01/13/85	1	DRUM	6	
16154	O-19970	1603	0004	04/15/85	1	DRUM	6	,SW
16155	O-19997	1603	0004	01/13/85	1	DRUM	6	,SW
16156	O-19996	1603	0004	01/13/85	1	DRUM	6	,SW
16157	O-19971	1603	0004	01/13/85	1	DRUM	6	,SWE
16158	O-19977	1603	0004	01/13/85	1	DRUM	6	
16159	NA	1603	0004	01/13/85	1	DRUM	6	
16160	O-19976	1603	0004	04/15/85	1	DRUM	6	
16161	O-19991	1603	0004	01/13/85	1	DRUM	6	
16162	O-20379	1662	0004	04/11/85	1	DRUM	6	
16163	O-20381	1662	0004	05/04/85	1	DRUM	6	,SW
16164	O-20382	1662	0004	04/11/85	1	DRUM	6	,SW
16165	O-20380	1662	0004	09/18/85	1	DRUM	6	
16166	O-20391	1662	0004	07/02/85	1	DRUM	6	
16167	O-20393	1662	0004	07/02/85	1	DRUM	6	,SW
16168	O-20394	1662	0004	07/02/85	1	DRUM	6	,SW
16169	O-20392	1662	0004	07/02/85	1	DRUM	6	
16170	O-20375	1662	0004	04/11/85	1	DRUM	6	
16171	O-20377	1662	0004	09/18/85	1	DRUM	6	
16172	O-20378	1662	0004	04/11/85	1	DRUM	6	
16173	O-20364	1662	0004	07/11/85	1	DRUM	6	
16174	O-20371	1662	0004	04/11/85	1	DRUM	6	
16175	O-20373	1662	0004	04/11/85	1	DRUM	6	
16176	O-20374	1662	0004	04/11/85	1	DRUM	6	
16177	O-20372	1662	0004	09/18/85	1	DRUM	6	
16178	O-20402	1666	0015	10/08/85	1	DRUM	6	
16179	O-20407	1666	0015	08/08/85	1	DRUM	6	
16180	O-20408	1666	0015	10/10/85	1	DRUM	6	
16181	O-20401	1666	0004	10/08/85	1	DRUM	6	
16182	O-20367	1662	0004	04/11/85	1	DRUM	6	
16183	O-20369	1662	0004	04/11/85	1	DRUM	6	
16184	O-20370	1662	0004	07/11/85	1	DRUM	6	
16185	O-20351	1662	0004	07/11/85	1	DRUM	6	
16186	O-20355	1662	0004	03/11/85	1	DRUM	6	
16187	O-20353	1662	0004	03/11/85	1	DRUM	6	
16188	O-20358	1662	0004	03/11/85	1	DRUM	6	
16189	O-20356	1662	0004	03/11/85	1	DRUM	6	
16190	O-20326	1662	0004	08/24/85	1	DRUM	6	

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16191	O-20323	1662	0004	10/14/85	1	DRUM	6	
16192	O-20337	1662	0004	08/24/85	1	DRUM	6	
16193	O-20324	1662	0004	07/02/85	1	DRUM	6	
16194	O-20327	1662	0004	06/05/85	1	DRUM	6	
16195	O-20329	1662	0004	07/02/85	1	DRUM	6	
16196	O-20328	1662	0004	07/02/85	1	DRUM	6	
16197	O-20330	1662	0004	07/02/85	1	DRUM	6	
16198	O-20348	1662	0004	09/18/85	1	DRUM	6	
16199	O-20385	1662	0004	09/18/85	1	DRUM	6	
16200	CP-2096	MCR	0002	02/25/85	1	DRUM	6	COR
16201	CP-2097	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
16202	M-21117	1705	0004	07/23/85	1	DRUM	7	SOIL
16203	M-21118	1705	0004	07/22/85	1	DRUM	6	,SW
16204	4A-19863	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16205	4A-19861	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16206	M-20966	1714	0004	09/06/85	1	DRUM	7	SOIL
16207	M-20967	1714	0004	09/06/85	1	DRUM	7	SOIL
16208	M-20964	1714	0004	09/06/85	1	DRUM	7	SOIL
16209	M-20965	1714	0004	09/06/85	1	DRUM	7	SOIL
16210	4A-19864	MCR	0002	02/04/86	1	DRUM	6	OR
16211	4A-19862	MCR	0002	02/04/86	1	DRUM	6	OR
16212	M-21120	1705	0004	07/22/85	1	DRUM	7	SOIL
16213	M-21119	1705	0004	07/23/85	1	DRUM	6	
16214	CP-2099	MCR	0004	/ /	2	DRUM	6	
16215	CP-2098	MCR	0002	02/25/85	1	DRUM	6	COR
16216	LC-11102	706	0097	08/11/84	2	DRUM	6	SHRCOR
16217	CP-2052	MCR	0047	/ /	2	DRUM	6	SHRCOR
16218	C-15857	1157	0063	09/26/84	1	DRUM	6	SHRCOR
16219	CP-2567	MCR	0002	05/06/85	1	DRUM	6	SHRCOR
16220	NA	1714	0004	09/06/85	1	DRUM	6	SOIL
16221	M-21753	1800	0016	06/14/85	1	DRUM	6	SAMJR
16222	4A-2784	MCR	0002	07/27/84	1	DRUM	6	4 SHRCOR
16223	4A-2785	MCR	0002	07/27/84	1	DRUM	6	OR
16224	O-1380	MCR	0002	/ /	1	DRUM	6	SHRCOR
16225	4A-2517	MCR	0002	06/27/84	1	DRUM	6	OR
16226	4A-19871	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16227	NA	NA	NA	/ /	0	DRUM	8	SOIL
16228	M-20799	1700	0004	07/12/85	1	DRUM	8	SOIL
16229	M-21109	1705	0004	07/23/85	1	DRUM	6	
16230	4A-3425	MCR	0002	03/19/84	1	DRUM	6	4 SHRCOR
16231	4A-3426	MCR	0002	03/19/84	1	DRUM	6	OR
16232	4A-3427	MCR	0002	03/19/85	1	DRUM	6	5 SHRCOR
16233	4A-3481	MCR		/ /	0		0	
16233	LC-12158	791	0016	09/19/84	1	DRUM	6	SHRCOR
16234	M-19295	1539	0054	07/23/85	1	DRUM	8	SOIL
16235	O-17776	NA	0002	09/08/85	1	DRUM	6	FLTR

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16236	21796	NA	0002	02/26/86	1	DRUM	7	TRSH
16237	4A-19872	MCR	0002	02/04/86	1	DRUM	6	OR
16238	4A-2518	MCR	0002	06/27/84	1	DRUM	6	4 SHRCOR
16239	4A-2519	MCR	0002	06/27/84	1	DRUM	6	OR
16240	4A-2786	MCR	0002	07/27/84	1	DRUM	6	4 SHRCOR
16241	4A-2787	MCR	0002	07/27/84	1	DRUM	6	OR
16242	20396	MCR	0002	12/06/85	1	DRUM	6	5 TRSH
16243	M-21756	1800	0016	04/26/85	1	DRUM	6	TRSH
16244	M-18772	1487	0006	07/30/85	1	DRUM	7	SOIL
16245	M-01487	1487	0006	07/30/85	1	DRUM	7	SOIL
16246	M-21473	1775	0117	12/12/85	1	DRUM	7	TRSH
16247	M-21517	1775	0117	/ /	1	DRUM	7	OILDRY
16248	M-21121	1705	0004	07/23/85	1	DRUM	6	
16249	M-21122	1705	0004	07/23/85	1	DRUM	6	
16250	M-18764	1487	0006	06/03/85	1	DRUM	6	FLTR
16251	28816	NA		/ /	0		0	
16251	LC-8816	MCR	0012	09/03/85	1	DRUM	6	TRSH
16252	M-17709	MCR	0002	09/08/85	1	DRUM	7	SOIL
16253		NA	0002	09/26/85	1	DRUM	6	
16254	M-18257	1407	0073	07/15/85	1	DRUM	6	SOIL
16255	M-17722	MCR	0002	07/08/85	1	DRUM	6	SOIL
16256	M-17717	MCR	0002	07/05/85	1	DRUM	6	SOIL
16257	M-18256	1407	0073	07/15/85	1	DRUM	6	SOIL
16258	M-17768	MCR	0002	07/05/85	1	DRUM	7	GRAV
16259	M-17708	MCR	0002	07/05/85	1	DRUM	7	GRAV
16260	M-18816	1490	0012	08/03/85	1	DRUM	6	HOSE
16261	M-18762	1487	0054	04/11/85	2	DRUM	6	FLTR
16262	M-21123	1705	0004	07/23/85	2	DRUM	6	
16263	4A-19870	MCR	0002	02/04/86	1	DRUM	6	OR
16264	M-21519	1775	NA	12/16/85	1	DRUM	7	OILDRY
16265	M-21528	1775	0117	12/12/85	1	DRUM	6	
16266	M-18745	1487	0006	07/30/85	1	DRUM	7	SOIL
16267	M-18763	1487	0006	07/30/85	1	DRUM	7	SOIL
16268	M-18753	1487	0006	07/30/85	1	DRUM	7	SOIL
16269	M-18754	1487	0006	07/31/85	1	DRUM	7	RAGS
16270	4A-19867	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16271	4A-19866	MCR	0002	02/04/86	1	DRUM	6	OR
16272	CP-524	MCR	0002	03/26/84	1	DRUM	6	SHRCOR
16273	CP-521	MCR	0002	03/24/84	1	DRUM	6	COR
16274	CP-417	MCR	0002	03/02/84	1	DRUM	6	COR
16275		NA	0002	03/02/84	1	DRUM	6	COR
16276	CP-558	MCR	0002	04/02/84	1	DRUM	6	COR
16277	CP-553	MCR	0002	03/24/84	1	DRUM	6	COR
16277	CP-822	MCR		/ /	0		0	
16278	CP-506	MCR	0002	03/22/84	1	DRUM	6	COR
16279	CP-505	MCR	0002	03/12/84	1	DRUM	6	SHRCOR

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16280		2107	0006	07/30/85	1	DRUM	7	SOIL
16281	M-18670	1487	0006	07/30/85	1	DRUM	7	SOIL
16282	4A-19869	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16283	4A-19865	MCR	0002	02/04/86	1	DRUM	6	6 SHRCOR
16284	CP-523	MCR	0002	03/20/84	1	DRUM	6	COR
16285	CP-522	MCR	0002	03/02/84	1	DRUM	6	SHRCOR
16286	CP-419	MCR	0002	03/02/84	1	DRUM	6	COR
16287	CP-418	MCR	0002	03/02/84	1	DRUM	6	SHRCOR
16288	CP-559	MCR	0002	04/02/84	1	DRUM	6	SHRCOR
16289	NA	MCR	NA	/ /	1	DRUM	6	SHRCOR
16290	CP-508	MCR	0002	03/22/84	1	DRUM	6	COR
16291	CP-507	MCR	0002	03/22/84	1	DRUM	6	SHRCOR
16292	CP-839	MCR	0002	05/02/84	1	DRUM	6	COR
16293	CP-834	MCR	0002	05/22/84	1	DRUM	6	SHRCOR
16294	CP-262	MCR	0002	01/09/84	1	DRUM	6	SHRCOR
16295	CP-266	MCR	NA	/ /	0	DRUM	6	COR
16296	CP-260	MCR	0002	01/18/84	1	DRUM	6	SHRCOR
16297	CP-256	MCR	0002	01/02/84	1	DRUM	6	SHRCOR
16298	CP-2035	MCR	0002	02/18/85	1	DRUM	6	COR
16299	CP-2034	MCR	0002	02/18/85	1	DRUM	6	SHRCOR
16300	M-98073161	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
16301	CP-2027	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
16302	CP-362	MCR	0002	02/13/84	1	DRUM	6	SHRCOR
16303	CP-361	MCR	0002	02/15/84	1	DRUM	6	COR
16304	CP-357	MCR	0002	02/15/84	1	DRUM	6	COR
16305	CP-358	MCR	0002	12/15/84	1	DRUM	6	SHRCOR
16306	CP-228	MCR	0004	/ /	2	DRUM	6	NA
16307	CP-2028	MCR	0002	02/18/85	1	DRUM	6	COR
16308	CP-2040	MCR	0002	02/18/85	1	DRUM	6	COR
16309	LC-11016	699	0002	02/18/85	1	DRUM	6	SHRCOR
16310	CP-264	MCR	0002	01/19/84	1	DRUM	6	COR
16311	CP-261	MCR	0002	01/18/84	1	DRUM	6	SHRCOR
16312	CP-262	MCR	0002	01/19/84	1	DRUM	6	COR
16313	CP-263	MCR	0002	01/19/84	1	DRUM	6	COR
16314	CP-836	MCR	0002	05/22/84	1	DRUM	6	COR
16315	CP-838	MCR	0002	05/23/84	1	DRUM	6	SHRCOR
16316	CP-1580	MCR	0002	09/20/84	1	DRUM	6	COR
16317	CP-1582	MCR	0002	10/21/84	1	DRUM	6	COR
16318	CP-1078	MCR	0002	07/30/84	1	DRUM	6	COR
16319	CP-1079	MCR	0002	07/30/84	1	DRUM	6	SHRCOR
16320	CP-1136	MCR	0002	08/08/84	1	DRUM	6	COR
16321	CP-1139	MCR	0002	/ /	1	DRUM	6	SHRCOR
16322	CP-616	MCR	0002	04/06/84	1	DRUM	6	COR
16323	CP-648	MCR	0002	/ /	1	DRUM	6	COR
16324	CP-2183	MCR	0002	07/07/85	1	DRUM	6	SHRCOR
16325	CP-2185	MCR	0002	07/07/85	1	DRUM	6	SHRCOR

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16326	CP-2159	MCR	0002	07/05/85	1	DRUM	6	SHRCOR
16327	CP-2063	MCR	0002	07/05/85	1	DRUM	6	COR
16328	4A-2909	MCR	0002	09/06/84	1	DRUM	6	4 SHRCOR
16329	CP-2087	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
16330	CP-2184	MCR	0002	03/02/85	1	DRUM	6	COR
16331	CP-2182	MCR	0002	03/07/85	1	DRUM	6	COR
16332	CP-612	MCR	0002	04/05/84	1	DRUM	6	SHRCOR
16333	CP-614	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16334	CP-1135	MCR	0002	/ /	1	DRUM	6	COR
16335	CP-1135	MCR	0002	08/08/84	1	DRUM	6	SHRCOR
16336	CP-1060	MCR	0002	07/25/84	1	DRUM	6	COR
16337	CP-1081	MCR	0002	07/30/84	1	DRUM	6	COR
16338	CP-1594	MCR	0002	05/03/84	1	DRUM	6	SHRCOR
16339	CP-1581	MCR	0002	10/21/84	1	DRUM	6	SHRCOR
16340	M-18161	1397	0001	09/12/85	1	DRUM	7	SOILOP
16341	M-21527	1775	0001	10/01/85	1	DRUM	7	
16342	M-21114	1705	0004	07/23/85	1	DRUM	6	
16343	M-21113	1705	0004	07/23/85	1	DRUM	6	
16344	NA	NA	0004	07/23/85	1	DRUM	6	
16345		1714	0004	09/06/85	1	DRUM	6	V
16346	NA	1705	0004	07/23/85	1	DRUM	6	SOIL
16347	M-21112	1705	0004	11/14/85	1	DRUM	7	SOIL
16348	M-18419	1421	0001	07/30/85	1	DRUM	7	RAGS
16349	M-18429	1425	0001	07/12/85	1	DRUM	7	OILDRY
16350		MCR	0002	02/26/86	1	DRUM	7	GRAV
16351	21793	MCR	0002	07/26/86	1	DRUM	6	RY
16352	LC-16935	MCR	0002	01/07/85	1	DRUM	6	SHRCOR
16353	CP-1869	MCR	0002	01/08/85	1	DRUM	6	COR
16354	CP-1056	MCR	0002	07/25/84	1	DRUM	6	SHRCOR
16355	CP-1057	MCR	0002	07/25/84	1	DRUM	6	COR
16356	CP-1562	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16357	CP-1560	MCR	0002	10/19/84	1	DRUM	6	SHRCOR
16358	CP-1220	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16359	CP-1249	MCR	0002	08/09/84	1	DRUM	6	SHRCOR
16360	CP-1270	MCR	0002	09/10/84	1	DRUM	6	SHRCOR
16361	CP-1637	MCR	0002	03/01/84	1	DRUM	6	SHRCOR
16362	CP-1755	MCR	0002	12/02/84	1	DRUM	6	COR
16363	CP-1754	MCR	0002	04/30/84	1	DRUM	6	SHRCOR
16364	CP-1757	MCR	0002	12/04/85	1	DRUM	6	COR
16365	CP-1756	MCR	0002	12/02/84	1	DRUM	6	SHRCOR
16366	CP-1638	MCR	0002	03/01/84	1	DRUM	6	COR
16367	CP-1639	MCR	0002	03/01/84	1	DRUM	6	SHRCOR
16368	CP-1247	MCR	0002	08/09/84	1	DRUM	6	COR
16369	CP-1250	MCR	0002	08/09/84	1	DRUM	6	COR
16370	CP-1561	MCR	0002	10/14/84	1	DRUM	6	COR
16371	CP-1559	MCR	0002	10/19/84	1	DRUM	6	COR

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16372	CP-1058	MCR	0002	07/25/84	1	DRUM	6	COR
16373	CP-1055	MCR	0002	07/25/84	1	DRUM	6	COR
16374	CP-1868	MCR	0002	01/08/85	1	DRUM	6	SHRCOR
16375	CP-1838	MCR	0002	12/28/84	1	DRUM	6	SHRCOR
16376	CP-817	MCR	0002	05/16/84	1	DRUM	6	COR
16377		MCR	0002	05/17/86	1	DRUM	6	COR
16378	CP-2017	MCR	0002	02/12/85	1	DRUM	6	COR
16379	4A-2406	MCR	0002	06/05/84	1	DRUM	6	5 SHRCOR
16379	CP-2019	MCR		/ /	0		0	
16380	LC-15776	1141	0010	02/19/85	1	DRUM	6	
16381	C-15229	1081	0042	02/15/85	1	DRUM	6	
16382	LC-21556	1783	0054	10/23/85	1	DRUM	6	
16383	LC-21557	1783	0054	10/25/85	1	DRUM	6	
16384	M-21792	NA	0002	07/26/86	1	DRUM	6	TRSH
16385	M-1771	48	0002	07/26/86	1	DRUM	6	TRSH
16386	LC-18077	1369	0044	05/22/85	1	DRUM	6	
16387	LC-16115	14	0044	07/01/85	1	DRUM	6	
16388	C-18074	1369	0016	07/17/85	1	DRUM	6	
16389	C-18075	1369	0016	05/07/85	1	DRUM	6	
16390	M-21748	1800	0016	/ /	1	DRUM	6	NA TRSH
16391	M-21769	MCR	0002	02/18/86	1	DRUM	6	TRSH
16392	NA	NA	0054	10/23/85	1	DRUM	6	
16393	NA	NA	NA	/ /	1	DRUM	6	NA MT DRUM
16394	C-15403	1102	0119	02/05/85	1	DRUM	6	
16395	C-15228	1081	0042	02/15/85	1	DRUM	6	
16396	CP??	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16397	CP-2018	MCR	0002	02/12/85	1	DRUM	6	SHRCOR
16398	CP-821	MCR	0002	05/17/84	1	DRUM	6	SHRCOR
16399	CP-1816	MCR	0002	05/16/84	1	DRUM	6	COR
16400	L-18589	NA	0002	08/21/85	1	DRUM	6	,R
16401	L-18598	NA	0002	08/21/85	1	DRUM	6	,R
16402	M-18860	1481	0027	07/23/85	1	DRUM	7	SOIL
16403	M-18861	1481	0027	08/26/85	1	DRUM	6	TRSH
16404	L-18577	NA	0002	08/21/85	1	DRUM	6	,R
16405	L-18596	NA	0002	08/21/85	1	DRUM	6	,R
16406	L-18585	NA	0002	08/21/85	1	DRUM	6	,R
16407	L-18592	NA	0002	09/21/85	1	DRUM	6	,R
16408		1818	0130	01/24/01	1	DRUM	6	
16409	LC-21815	1811	0130	/ /	1	DRUM	6	11-85
16410	C-18076	1369	0016	04/25/85	1	DRUM	6	
16411	C-18848	1476	0027	07/18/85	1	DRUM	6	
16412	C-18846	1476	0027	07/18/85	1	DRUM	6	
16413	C-18847	1476	0027	07/18/85	1	DRUM	6	
16414	C-21816	1811	0130	/ /	1	DRUM	6	11-85
16415	M-2187	NA	0130	/ /	1	DRUM	6	12-85 OILDRY

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16416	L-18592	NA	0002	08/21/85	1	DRUM	6	,R
16417	L-18587	NA	0002	08/21/85	1	DRUM	6	MT
16418	L-18586	NA	0002	08/21/85	1	DRUM	6	,R
16419	L-18594	NA	0002	08/21/85	1	DRUM	6	,R
16420	M-18859	1481	0027	07/23/85	1	DRUM	7	SOIL
16421	O-18857	1482	0027	07/05/85	1	DRUM	6	
16422	L-18580	NA	0002	05/02/85	1	DRUM	6	
16423	L-18588	NA	0002	05/02/85	1	DRUM	6	
16424	CP-2332	MCR	0002	04/01/85	1	DRUM	6	SHRCOR
16425	CP-2333	MCR	0002	04/01/85	1	DRUM	6	COR
16426	CP-1679	MCR	0002	11/02/84	1	DRUM	6	COR
16427	CP-1677	MCR	0002	11/02/84	1	DRUM	6	COR
16428	CP-886	MCR	0002	06/05/84	1	DRUM	6	COR
16429	CP-880	MCR	0002	05/04/84	1	DRUM	6	COR
16430	CP-1930	MCR	0002	02/05/85	1	DRUM	6	SHRCOR
16431	CP-1929	MCR	0002	02/05/85	1	DRUM	6	SHRCOR
16432	CP-1502	MCR	0021	03/17/82	2	DRUM	6	SHRCOR
16433	CP-1501	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16434	C-18778	1486	0006	08/06/85	1	DRUM	6	
16435	C-18774	1486	0006	05/30/85	1	DRUM	6	
16436	CP-2334	MCR	0002	04/01/85	1	DRUM	6	SHRCOR
16437	CP-2335	MCR	0002	04/01/85	1	DRUM	6	COR
16438	CP-1678	MCR	0002	11/02/84	1	DRUM	6	SHRCOR
16439	CP-1680	MCR	0002	02/11/84	1	DRUM	6	SHRCOR
16440	CP-887	MCR	0002	06/05/85	1	DRUM	6	SHRCOR
16441	CP-881	MCR	0002	06/04/84	1	DRUM	6	SHRCOR
16442	CP-1927	MCR	0002	02/05/85	1	DRUM	6	SHRCOR
16443	CP-1928	MCR	0002	02/05/85	1	DRUM	6	SHRCOR
16444	CP-1505	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16445	CP-1531	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
*16446	LC-18777	1486	0006	05/22/85	1	DRUM	6	
16447	LC-18773	1486	0006	06/06/85	1	DRUM	6	
16448	C-17045	1266	0054	05/14/85	1	DRUM	6	
16449	C-17046	1266	0054	05/20/85	1	DRUM	6	
16450	C-17049	1266	0054	05/26/85	1	DRUM	6	
16451	C-17250	1266	0054	05/14/85	1	DRUM	6	
16452	LC-20923	1713	0131	/ /	1	DRUM	6	NA
16453	C-16666	1226	0021	01/13/84	1	DRUM	6	
16454	O-18636	1444	0014	04/12/85	1	DRUM	6	
16455	21828	NA	0130	/ /	1	DRUM	7	11-85 TRSH
16456	NA	1024	NA	/ /	0	DRUM	6	MT DRUM
16457	NA	NA	NA	/ /	0	DRUM	6	NA
16458	C-21814	1811	0130	/ /	1	DRUM	6	11-85 TRSH
16459	LC-21812	1811	0130	/ /	1	DRUM	6	11-85
16460	LC-21813	1811	0130	/ /	1	DRUM	6	11-85
16461	M-21825	1818	0130	/ /	1	DRUM	6	11-85

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
16462	C-17517	1310	0109	04/01/85	1	DRUM	7	SAMJR
16463	NA	NA	0132	06/12/84	1	DRUM	6	OILDRY
16464	M-21463	MCR	0002	01/28/86	1	DRUM	6	
16465	NA	NA	NA	/ /	0	DRUM	6	NA
16466	C-16678	1226	0021	01/28/85	1	DRUM	6	WC-JARS
16467	LC-16677	1226	0021	11/09/84	1	DRUM	6	
16468	C-17051	1266	0054	05/14/85	1	DRUM	6	
16469	C-17052	1266	0054	08/20/85	1	DRUM	6	
16470	C-17047	1266	0054	05/20/85	1	DRUM	6	
16471	C-17048	1266	0027	05/14/85	1	DRUM	6	
16472	M-20962	1714	0004	09/06/85	1	DRUM	6	SOIL
16473	M-20963	1714	0004	09/06/85	1	DRUM	6	SOIL
16474	LC-16763	1244	0133	04/13/86	1	DRUM	6	
16475	CP-2728	MCR	0002	10/11/85	1	DRUM	6	SHRCOR
16476	CP-936	MCR	0002	06/26/84	1	DRUM	6	
16477	CP-936	MCR	0002	08/05/84	1	DRUM	6	COR
16478	CP-937	MCR	0002	06/25/84	1	DRUM	6	COR
16479	CP-2726	MCR	0002	10/11/85	1	DRUM	6	SHRCOR
16480	CP-2727	MCR	0002	10/11/85	1	DRUM	6	COR
16481	O-14745	1003	0004	/ /	1	DRUM	6	NA,SW
16482	LC-16764	1244	0133	/ /	1	DRUM	6	NA OP
16483		1714	0004	09/06/85	1	DRUM	6	SOIL
16484	C-18776	1486	0006	/ /	1	DRUM	6	NA
16485	LC-18564	1442	0137	07/30/85	1	DRUM	6	
16486	4A-2782	MCR	0002	07/27/84	1	DRUM	6	4 SHRCOR
16487	4A-2783	MCR	0002	07/27/84	1	DRUM	6	OR
16488	4A-3494	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16489	4A-3500	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16490	CP-360	MCR	0002	02/15/84	1	DRUM	6	SHRCOR
16491	CP-356	MCR	0002	02/15/84	1	DRUM	6	SHRCOR
16492	CP-699	MCR	0002	/ /	0	DRUM	6	NA SHRCOR
16493	CP-701	MCR	0002	04/13/84	1	DRUM	6	SHRCOR
16494	CP-668	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16495	CP-667	MCR	0002	04/11/84	1	DRUM	6	COR
16496	CP-670	MCR	0002	04/11/84	1	DRUM	6	SHRCOR
16497	CP-669	MCR	0002	04/11/84	1	DRUM	6	COR
16498	CP-700	MCR	NA	04/13/84	1	DRUM	6	COR
16499	CP-702	MCR	0002	04/13/84	1	DRUM	6	COR
16500	CP-359	MCR	0002	12/15/84	1	DRUM	6	COR
16501	CP-355	MCR	0002	02/15/84	1	DRUM	6	COR
16502	4A-3501	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16503	4A-3499	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16504	4A-2780	MCR	0002	07/27/84	1	DRUM	6	4 SHRCOR
16505	4A-2781	MCR	0002	07/27/84	1	DRUM	6	OR
16506	LC-18565	1442	0137	07/30/85	1	DRUM	6	
16507	C-16151??	1179	0139	10/23/84	1	DRUM	6	

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16508	CP-1025	MCR	0002	07/17/84	1	DRUM	6	COR
16509	CP-1027	MCR	0002	09/17/84	1	DRUM	6	COR
16510	CP-1037	MCR	0002	07/19/84	1	DRUM	6	SHRCOR
16511	CP-1038	MCR	0002	09/19/84	1	DRUM	6	SHRCOR
16512	CP-1440	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16513	CP-1434	MCR	0002	09/07/83	2	DRUM	6	COR
16514	CP-1158	MCR	0002	08/14/84	1	DRUM	6	SHRCOR
16515	CP-1157	MCR	0002	08/13/85	1	DRUM	6	SHRCOR
16516	CP-1192	MCR	0002	08/20/84	1	DRUM	6	SHRCOR
16517	CP-1193	MCR	0002	08/20/84	1	DRUM	6	COR
16518	CP-1672	MCR	0002	11/02/84	1	DRUM	6	COR
16518	V-062	MCR		/ /	0		0	
16519	CP-1670	MCR	0002	11/02/84	1	DRUM	6	SHRCOR
16520	CP-1669	MCR	0002	11/02/86	1	DRUM	6	COR
16520	V-063	MCR		/ /	0		0	
16521	CP-1673	MCR	0002	11/02/86	1	DRUM	6	SHRCOR
16522	CP-1194	MCR	0002	08/20/84	1	DRUM	6	COR
16523	CP-1191	MCR	0002	08/20/84	1	DRUM	6	COR
16524	CP-1156	MCR	0002	08/13/84	1	DRUM	6	COR
16525	CP-1155	MCR	0002	08/13/84	1	DRUM	6	SHRCOR
16526	CP-1441	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
16527	CP-1433	MCR	0002	09/13/84	2	DRUM	6	SHRCOR
16528	CP-1032	MCR	0002	09/19/84	1	DRUM	6	COR
16529	NA	308705	0098	/ /	1	DRUM	6	NA
16530	CP-1028	MCR	0002	09/17/84	1	DRUM	6	SHRCOR
16531	CP-1026	MCR	0002	09/17/85	1	DRUM	6	SHRCOR
16532	CP-1012	MCR	0002	09/13/84	1	DRUM	6	SHRCOR
16533	CP-1011	MCR	0002	07/13/84	1	DRUM	6	COR
16534	CP-972	MCR	0002	07/05/84	1	DRUM	6	COR
16535	CP-975	MCR	0002	07/05/84	1	DRUM	6	SHRCOR
16536	CP-1609	MCR	0002	10/26/84	1	DRUM	6	COR
16537	CP-1607	MCR	0002	10/26/84	1	DRUM	6	COR
16538	CP-1002	MCR	0002	07/11/84	1	DRUM	6	SHRCOR
16539	CP-1004	MCR	0002	07/12/84	1	DRUM	6	SHRCOR
16540	CP-1007	MCR	0002	07/13/84	1	DRUM	6	COR
16541	CP-1005	MCR	0002	07/13/84	1	DRUM	6	COR
16542	CP-1102	MCR	0002	08/18/84	1	DRUM	6	COR
16543	CP-1181	MCR	0002	08/18/84	1	DRUM	6	COR
16544	CP-1179	MCR	0002	08/18/84	1	DRUM	6	COR
16545	CP-1180	MCR	0002	08/18/84	1	DRUM	6	SHRCOR
16546	CP-1006	MCR	0002	08/18/84	1	DRUM	6	SHRCOR
16547	CP-1008	MCR	0002	07/13/84	1	DRUM	6	SHRCOR
16548	CP-1009	MCR	0002	07/13/84	1	DRUM	6	COR
16549	CP-1003	MCR	0002	07/13/84	1	DRUM	6	COR
16550	CP-1606	MCR	0002	10/26/84	1	DRUM	6	SHRCOR
16551	O-20384	1662	0004	02/09/85	1	DRUM	6	,SW

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16552	O-20386	1662	0004	07/09/85	1	DRUM	6	,SW
16553	O-20387	1662	0004	11/30/18	1	DRUM	6	,SW
16554	O-20389	1662	0004	08/24/85	1	DRUM	6	,SW
16555	O-20388	1662	0004	08/24/85	1	DRUM	6	,SW
16556	O-20390	1662	0004	08/24/85	1	DRUM	6	,SW
16557	O-20339	1662	0004	06/05/85	1	DRUM	6	
16558	O-20350	1662	0004	09/18/85	1	DRUM	6	
16559	O-20340	1662	0004	06/06/85	1	DRUM	6	
16560	O-20342	1662	0004	06/06/85	1	DRUM	6	
16561	O-20335	1662	0004	04/17/85	1	DRUM	6	
16562	O-20338	1662	0004	08/24/85	1	DRUM	6	
16563	O-20336	1662	0004	08/05/85	1	DRUM	6	
16564	O-20335	1662	0004	04/17/85	1	DRUM	6	
16565	O-20334	1662	0004	07/02/85	1	DRUM	6	
16566	O-20332	1662	0004	07/02/85	1	DRUM	6	
16567	O-20333	1662	0004	08/24/85	1	DRUM	6	
16568	LC-20457	1655	0015	/ /	1	DRUM	6	NA
16569	LC-20450	1655	0015	/ /	1	DRUM	6	NA FILTERS
16570	LC-20465	1652	0015	/ /	1	DRUM	6	NA
16571	W-19084	MCR	NA	10/09/85	1	DRUM	6	
16572	W-19083	MCR	NA	10/09/85	1	DRUM	6	
16573	O-19082	NA	0130	01/24/85	1	DRUM	6	
16574	W-19085	MCR	0002	10/09/85	1	DRUM	6	
16575	LL-13107	NA	0002	10/31/85	1	DRUM	6	TRSH
16576	19473	NA	0002	10/31/85	1	DRUM	6	TRSH
16577	NA	NA	NA	/ /	0	DRUM	6	
16578	M-21542	MCR	0002	02/04/86	1	DRUM	6	TRSH
16579	V-138	MCR	NA	11/13/85	1	DRUM	6	,R
16580	NA	MCR	NA	/ /	1	DRUM	6	NA SHR COR
16581	C-16787	1245		/ /	0			
16581	M-20969	1714	NA	/ /	0	DRUM	6	NA TRSH
16582	NA	MCR	NA	01/17/86	1	DRUM	6	
16583	B-133	NA	0002	10/14/85	1	DRUM	6	
16584	V-131	MCR	0002	10/14/85	1	DRUM	6	,R
16585	V-133	MCR	0002	10/14/85	1	DRUM	6	,R
16586	V-130	MCR	0002	10/14/85	1	DRUM	6	,R
16587	O-20409	1666	0015	10/18/85	1	DRUM	6	
16588	O-20412	1666	0015	10/08/85	1	DRUM	6	,ISP
16589	O-20411	1666	0015	08/08/85	1	DRUM	6	,ISP
16590	O-20410	1666	0015	10/08/85	1	DRUM	6	
16591	O-20414	1666	0015	10/18/85	1	DRUM	6	
16592	O-20404	1666	0015	08/08/85	1	DRUM	6	
16593	O-20428	1665	0015	10/08/85	1	DRUM	6	
16594	O-20415	1666	0015	10/08/85	1	DRUM	6	
16595	O-15192	1075	0004	04/05/84	1	DRUM	6	
16596	O-15200	1075	0004	03/28/84	1	DRUM	6	

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16597	O-15199	1075	0004	04/09/84	1	DRUM	6	
16598	O-15209	1075	0004	04/09/84	1	DRUM	6	
16599	O-20322	1662	0004	05/30/85	1	DRUM	6	
16600	O-20320	1662	0004	10/08/85	1	DRUM	6	
16601	O-20321	1662	0004	04/17/85	1	DRUM	6	
16602	O-20319	1662	0004	08/05/85	1	DRUM	6	
16603	V-099	MCR	0002	10/06/85	1	DRUM	6	
16604	V-1003	MCR	0002	10/06/85	1	DRUM	6	
16605		NA	NA	10/04/85	1	DRUM	6	
16606	V-134	MCR	0002	10/16/85	1	DRUM	6	
16607	OX-2381	MCR	0002	01/16/85	1	DRUM	6	
16608	OX-379	MCR	0002	01/16/85	1	DRUM	6	
16609	OX-9072	MCR	0002	10/08/85	1	DRUM	6	
16610	OX-382	MCR	0002	01/16/85	1	DRUM	6	
16611	NA	NA	NA	/ /	0	DRUM	6	NA
16612	OT18925-26	1503	NA	09/30/85	1	DRUM	6	
16613	OT18925-23	1503	NA	08/30/85	1	DRUM	6	
16614	OT18925-20	1503	NA	09/30/85	1	DRUM	6	
16615	R-165	MCR	0002	10/31/84	1	DRUM	6	
16616	R-165	MCR	0002	10/31/84	1	DRUM	6	
16617	R-165	MCR	0002	10/31/84	1	DRUM	6	
16618	R-163	MCR	0002	10/22/84	1	DRUM	6	
16619	V-137	MCR	NA	11/13/85	1	DRUM	6	
16620	NA	NA	NA	/ /	0	DRUM	7	NA TRSH
16621	NA	NA	NA	/ /	0	DRUM	6	NA
16622	4A-4431	MCR	0002	/ /	1	DRUM	6	NA
16623	OT-18503-2	1435	NA	10/08/85	1	DRUM	6	
16624	OT-18712-1	1494	NA	10/03/85	1	DRUM	6	
16625	OT-18711-1	1494	NA	10/03/85	1	DRUM	6	
16626	OT-18503-1	1435	NA	10/08/85	1	DRUM	6	
16627	NA	NA	0134	03/14/85	1	DRUM	6	
16628	LC-20552	1675	0135	12/10/85	1	DRUM	6	
16629	C-20549	1674	0136	12/01/85	1	DRUM	6	IN 35
16630		NA	0002	02/07/86	1	DRUM	6	
16631	NA	NA	NA	/ /	1	DRUM	6	NA
16632	NA	NA	0004	04/23/84	1	DRUM	6	
16633	W-1901	MCR	0002	09/28/85	1	DRUM	6	
16634	W-18999	MCR	0002	09/28/85	1	DRUM	6	
16635	W-19001	MCR	0002	07/28/85	1	DRUM	6	
16636	W-15000	MCR	0002	09/28/85	1	DRUM	6	
16637	R-146	MCR	0002	10/04/84	1	DRUM	6	
16638	R-145	MCR	0002	10/04/84	1	DRUM	6	
16639	R-148	MCR	0002	10/04/84	1	DRUM	6	
16640	R-147	MCR	0002	10/04/84	1	DRUM	6	
16641	OT-18658	1479	NA	07/19/85	1	DRUM	6	
16642	OT-18658	1479	NA	07/19/85	1	DRUM	6	

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16643	O-19127	NA	0002	10/11/85	1	DRUM	6	
16644	OT-18658	1479	NA	07/19/85	1	DRUM	6	
16645	R-148	MCR	0002	10/29/84	1	DRUM	6	
16646	R-147	MCR	0002	10/29/84	1	DRUM	6	
16647	R-146	MCR	0002	10/29/84	1	DRUM	6	
16648	R-152	MCR	0002	10/12/84	1	DRUM	6	
16649	O-18936	NA	0002	08/31/85	1	DRUM	6	
16650	O-18937	NA	0002	11/30/08	1	DRUM	6	
16651	O-18938	NA	0002	11/30/08	1	DRUM	6	
16652	O-18935	NA	0002	08/31/85	1	DRUM	6	
16653	NA	NA	0002	07/18/85	1	DRUM	6	,REAGENT
16654	NA	NA	0002	07/18/85	1	DRUM	6	,REAGENT
16655	NA	NA	0002	07/18/85	1	DRUM	6	,REAGENT
16656	NA	NA	0002	07/18/85	1	DRUM	6	
16657	OT-18658F	1479	NA	07/19/85	1	DRUM	6	
16658	OT-18658G	1479	NA	07/19/85	1	DRUM	6	
16659	O-18086	1383	0124	/ /	1	DRUM	6	NA
16660	OT-18658E	1479	NA	07/19/85	1	DRUM	6	
16661	R-149	MCR	0002	10/29/84	1	DRUM	6	
16662	R-150	MCR	0002	10/29/84	1	DRUM	6	
16663	R-153	MCR	0002	10/10/84	1	DRUM	6	
16664	R-150	MCR	0002	10/10/84	1	DRUM	6	
16665	R-207	MCR	0002	12/17/84	1	DRUM	6	
16666	R-206	MCR	0002	12/17/84	1	DRUM	6	,REAGENT
16667	R-204	MCR	0002	12/17/84	1	DRUM	6	
16668	R-209	MCR	0002	12/17/84	1	DRUM	6	
16669	4A-19970	MCR	0022	02/21/86	1	DRUM	6	6
16670	OX-609	MCR	0004	/ /	2	DRUM	6	NA
16671	4A-19968	MCR	0002	02/21/86	1	DRUM	6	
16672	NA	NA	NA	/ /	1	DRUM	6	NA
16673	NA	MCR	0002	06/14/85	1	DRUM	6	,R,WATER
16674	NA	NA	NA	/ /	1	DRUM	6	NA
16675	O-19071	NA	0002	10/08/85	1	DRUM	6	,R
16676	O-19153	NA	0002	10/14/85	1	DRUM	6	
16677	O-19116	NA	0002	10/11/85	1	DRUM	6	
16678	O-19154	NA	0002	10/14/85	1	DRUM	6	,R
16679	R-151	MCR	NA	10/10/84	1	DRUM	6	
16680	R-155	MCR	0002	10/22/84	1	DRUM	6	
16681	R-156	MCR	0002	10/22/84	1	DRUM	6	
16682		NA	0002	10/10/84	1	DRUM	6	
16683	O-19150	NA	0002	10/14/85	1	DRUM	6	,R
16684	O-19120	NA	0002	10/11/85	1	DRUM	6	,R
16685	O-19119	NA	NA	/ /	0	DRUM	6	NA,R
16686	O-19118	NA	0002	10/11/85	1	DRUM	6	,R
16687	R-736	MCR	0002	09/19/84	1	DRUM	6	
16688	R-135	MCR	0002	09/19/84	1	DRUM	6	,R

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16689	R-130	MCR	0002	09/19/84	1	DRUM	6	,R
16690	R-133	MCR	0002	09/19/84	1	DRUM	6	
16691	O-18993	NA	0002	09/26/85	1	DRUM	6	
16692	O-18994	NA	0002	09/26/85	1	DRUM	6	
16693	O-17105	MCR	0002	05/23/85	1	DRUM	6	
16694	O-18992	NA	0002	07/26/85	1	DRUM	6	
16695	O-17762	MCR	0002	07/05/85	1	DRUM	6	
16696	O-11182	MCR	0002	07/05/85	1	DRUM	6	
16697	O-17761	MCR	0002	07/05/85	1	DRUM	6	
16698	O-177	NA	0002	07/05/85	1	DRUM	6	
16699	OX-588	MCR	0002	10/11/85	1	DRUM	6	
16700	W-16628	MCR	0002	05/09/85	1	DRUM	6	
16701	O-19086-1	NA	NA	06/25/85	1	DRUM	6	
16702	O-19126	NA	0002	10/01/85	1	DRUM	6	
16703	O-17784	NA	0002	07/05/85	1	DRUM	6	
16704	O-17752	MCR	0002	07/05/85	1	DRUM	6	
16705	O-17782	NA	0002	07/05/85	1	DRUM	6	
16706	O-17751	MCR	0002	07/05/85	1	DRUM	6	
16707	O-19532	1311	0109	04/01/85	1	DRUM	6	
16708	O-19112	NA	0002	10/11/85	1	DRUM	6	
16709	O-19110	NA	0002	10/11/85	1	DRUM	6	
16710	O-17081	NA	0130	01/24/85	1	DRUM	6	
16711	O-19111	NA	0002	10/11/85	1	DRUM	6	
16712	T-17938-2	1350	0015	/ /	1	DRUM	6	NA
16713	OT-1502	31	NA	/ /	1	DRUM	6	NA
16714	T-17939-1	1350	NA	08/15/85	1	DRUM	6	
16715	O-19151	NA	0002	10/14/85	1	DRUM	6	
16716	O-18483	1436	0017	/ /	1	DRUM	6	NA
16717	O-9010	NA	0002	09/28/85	1	DRUM	6	
16718	O-19009	NA	0002	09/28/85	1	DRUM	6	
16719	R-172	MCR	0002	11/16/84	1	DRUM	6	
16720	R-171	MCR	0002	11/16/84	1	DRUM	6	
16721	R-174	MCR	0002	11/16/84	1	DRUM	6	
16722	R-175	MCR	0002	11/16/84	1	DRUM	6	
16723	R-276	MCR	0002	10/11/85	1	DRUM	6	
16724	O-18933	NA	0002	11/30/08	1	DRUM	6	
16725	O-18934	NA	0002	11/30/08	1	DRUM	6	
16726	NA	NA	0002	11/30/08	1	DRUM	6	
16727	OT-18926-E	1503	NA	09/30/85	1	DRUM	6	
16728	R-212	MCR	0002	12/21/84	1	DRUM	6	
16729	NA	NA	NA	/ /	0	DRUM	6	NA
16730	R-213	MCR	0002	12/21/84	1	DRUM	6	
16731	O-18987	NA	0002	09/26/85	1	DRUM	6	
16732	O-18988	NA	0002	09/26/85	1	DRUM	6	
16733	O-19080	NA	0002	10/09/85	1	DRUM	6	
16734	OT-18986	1519	0002	09/26/85	1	DRUM	6	

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16735	OT18925-21	1503	NA	09/30/85	1	DRUM	6	
16736	OT18925-27	1503	NA	09/30/85	1	DRUM	6	
16737	OT18925-24	1503	NA	09/30/85	1	DRUM	6	
16738	OT18925-22	1503	NA	09/30/85	1	DRUM	6	
16739	O-17772	MCR	0002	07/05/85	1	DRUM	6	
16740	O-17770	MCR	0002	07/05/85	1	DRUM	6	
16741	O-17769	MCR	0002	07/05/85	1	DRUM	6	
16742	O-17771	MCR	0004	/ /	2	DRUM	6	NA
16743	R-161	MCR	0002	10/22/84	1	DRUM	6	
16744	R-149	MCR	0002	10/04/84	1	DRUM	6	
16745	R-162	MCR	0002	10/22/84	1	DRUM	6	
16746	R-126	MCR	0002	08/31/84	1	DRUM	6	
16747	O-12757	NA	0002	07/05/85	1	DRUM	6	
16748	O-17759	MCR	0002	07/05/85	1	DRUM	6	,R
16749	O-17760	MCR	0002	07/05/85	1	DRUM	6	,R
16750	NA	NA	0002	07/05/85	1	DRUM	6	
16751	R-018	MCR	0002	02/07/84	1	DRUM	6	
16752	R-076	MCR	NA	02/07/84	1	DRUM	6	
16753	R-075	MCR	0002	02/07/84	1	DRUM	6	
16754	R-073	MCR	0002	02/07/84	1	DRUM	6	
16755	O-19139	NA	0002	10/14/85	1	DRUM	6	
16756	O-19133	NA	0002	10/12/85	1	DRUM	6	
16757	O-19138	NA	0002	10/14/85	1	DRUM	6	
16758	O-18997	NA	0002	09/26/85	1	DRUM	6	
16759	19031	NA	0002	10/06/85	1	DRUM	6	
16760	19059	NA	0002	10/06/85	1	DRUM	6	
16761	19040	NA	0002	10/06/85	1	DRUM	6	
16762	19030	NA	0002	10/06/85	1	DRUM	6	
16763	OT-18925-4	1503	NA	09/30/85	1	DRUM	6	
16764	OT-18925-2	1503	NA	09/30/85	1	DRUM	6	
16765	OT-18925-3	1503	NA	09/30/85	1	DRUM	6	
16766	OT-18925-1	1503	NA	09/30/85	1	DRUM	6	
16767	OT18925-28	1503	NA	09/30/85	1	DRUM	7	
16768	OT-18925-5	1503	NA	09/30/85	1	DRUM	7	
16769	OT18925-25	1503	NA	09/30/85	1	DRUM	7	
16770	OT18925-19	1503	NA	09/30/85	1	DRUM	7	
16771	OT18925-10	1503	NA	09/30/85	1	DRUM	7	
16772	OT-18925-8	1503	NA	09/30/85	1	DRUM	7	
16773	OT-18925-9	1503	NA	09/30/85	1	DRUM	7	
16774	OT18925-15	1503	NA	09/30/85	1	DRUM	7	
16775	O-19036	NA	0002	10/06/85	1	DRUM	7	
16776	O-19037	NA	0002	10/06/85	1	DRUM	7	
16777	O-19035	NA	0002	10/06/85	1	DRUM	7	
16778	W-19038	MCR	0002	10/06/85	1	DRUM	7	
16779	OT18925-12	1503	NA	09/30/85	1	DRUM	7	
16780	OT-18925-6	1503	NA	09/30/85	1	DRUM	7	

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16781	OT-18926-2	1503	NA	09/30/85	1	DRUM	7	
16782	OT18925-11	1503	NA	/ /	1	DRUM	7	0-85
16783	NA	NA	0002	/ /	1	DRUM	7	NA
16784	NA	NA	0002	07/08/85	1	DRUM	7	
16785	D-039	NA	0002	07/02/84	1	DRUM	6	
16786		NA	0002	08/30/84	1	DRUM	6	
16787	NA	NA	0002	/ /	1	DRUM	6	NA
16788	V-041	MCR	0002	08/31/84	1	DRUM	6	
16789	V-037	MCR	0002	07/17/84	1	DRUM	6	
16790	V-033	MCR	0002	05/02/84	1	DRUM	6	
16791	V-038	MCR	0002	07/17/84	1	DRUM	6	
16792	V-036	MCR	0002	07/17/84	1	DRUM	6	
16793	OT18923-13	1503	NA	09/30/85	1	DRUM	7	
16794	OT18926-20	1503	NA	09/30/85	1	DRUM	7	
16795	OT18926-19	1503	NA	09/30/85	1	DRUM	7	
16796	OT-18926-7	1503	NA	09/30/85	1	DRUM	7	
16797	R-190	MCR	0002	11/30/84	1	DRUM	7	
16798	R-193	MCR	0002	11/30/84	1	DRUM	7	
16799	R-192	MCR	0002	11/30/84	1	DRUM	7	
16800	R-191	MCR	0002	11/30/84	1	DRUM	7	
16801	R-169	MCR	0002	10/31/84	1	DRUM	7	
16802	R-167	MCR	0002	10/31/84	1	DRUM	7	
16803	NA	NA	0002	10/31/84	1	DRUM	7	
16804	R-170	MCR	0002	10/31/84	1	DRUM	7	
16805	R-103	MCR	0002	08/11/84	1	DRUM	6	,R
16806		NA	0002	08/26/84	1	DRUM	6	
16807	R-112	MCR	0002	08/18/84	1	DRUM	6	
16808	R-275	MCR	0002	10/06/85	1	DRUM	6	
16809	R-117	MCR	0002	/ /	1	DRUM	6	9-85,R
16809	V-097	MCR		/ /	0			
16810	O-17961	1358	0007	03/04/85	1	DRUM	6	
16811	V-098	MCR	0002	/ /	1	DRUM	6	NA,R
16812	O-17962	1358	0007	03/04/85	1	DRUM	6	
16813	R-065	MCR	0002	01/18/84	1	DRUM	7	
16814	R-062	MCR	0002	01/18/84	1	DRUM	7	
16815	NA	NA	NA	/ /	1	DRUM	7	NA
16816	R-058	MCR	0002	01/11/84	1	DRUM	7	
16817	O-18965C	1507	0091	09/11/85	1	DRUM	7	
16818	NA	NA	NA	/ /	1	DRUM	7	NA
16819	O-18966	1507	0091	09/11/85	1	DRUM	7	
16820	WATER#3	MCR	0002	05/29/85	1	DRUM	7	
16821	OT-18926-9	1503	NA	09/30/85	1	DRUM	7	
16822	OT18926-22	1503	NA	09/30/85	1	DRUM	7	
16823	OT18926-17	1503	NA	/ /	1	DRUM	7	0-85
16824	OT18926-21	1503	NA	09/30/85	1	DRUM	7	
16825	V-034	MCR	0002	07/17/84	1	DRUM	7	

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16826	R-233	MCR	0002	01/10/85	1	DRUM	7	
16827	V-035	MCR	0002	07/17/85	1	DRUM	7	
16828	R-089	MCR	0002	/ /	1	DRUM	7	6-84
16829	R-143	MCR	0002	10/03/84	1	DRUM	7	
16830	R-142	MCR	0002	10/03/84	1	DRUM	7	
16831	R-144	MCR	0002	10/03/84	1	DRUM	7	
16832	R-141	MCR	0002	10/03/84	1	DRUM	7	
16833	R-274	MCR	0002	10/06/85	1	DRUM	7	
16834	R-097	MCR	0002	07/05/84	1	DRUM	7	
16835	R-090	MCR	0002	04/16/84	1	DRUM	7	
16836	R-092	MCR	0002	04/16/84	1	DRUM	7	
16837	R-083	MCR	0002	02/17/84	1	DRUM	7	
16838	R-080	MCR	0002	02/17/84	1	DRUM	7	
16839	R-081	MCR	0017	/ /	1	DRUM	7	16837
16840	R-082	MCR	0002	02/17/84	1	DRUM	7	
16841	R-079	MCR	0002	02/17/84	1	DRUM	7	
16842	R-072	MCR	0002	02/01/84	1	DRUM	7	
16843	R-017	MCR	0002	/ /	1	DRUM	7	-84
16844	R-071	MCR	0002	02/01/84	1	DRUM	7	
16845	NA	NA	0002	01/24/84	1	DRUM	7	
16846	R-060	MCR	0002	01/18/84	1	DRUM	7	
16847	R-066	MCR	0002	01/24/84	1	DRUM	7	
16848	R-064	MCR	0002	01/24/84	1	DRUM	7	
16849	OT-16771	1238	NA	08/06/85	1	DRUM	7	
16850	OT-15058A	1041	NA	08/06/85	1	DRUM	7	
16851	OT-1505B	31	NA	08/06/85	1	DRUM	7	
16852	OT-13203	882	NA	08/06/85	1	DRUM	7	
16853	OT-15107	1069	NA	06/08/85	1	DRUM	7	
16854	OT-13973	947	NA	06/08/85	1	DRUM	7	
16855	OT-13006	856	NA	06/08/85	1	DRUM	7	
16856	OT-17358	1286	NA	06/08/85	1	DRUM	7	
16857	V-129	MCR	0002	10/14/85	1	DRUM	7	
16858	V-067	MCR	0002	01/30/85	1	DRUM	7	
16859	V-064	MCR	0002	01/30/85	1	DRUM	7	
16860	V-066	MCR	0002	01/30/85	1	DRUM	7	
16861	C-5717	MCR	NA	/ /	0	DRUM	6	NA
16862	O-51303	NA	0002	09/13/85	1	DRUM	7	
16863	O-19141	NA	0002	10/14/85	1	DRUM	7	
16864	019140	NA	0002	10/14/85	1	DRUM	7	85
16865	O-19169	NA	0002	10/15/85	1	DRUM	7	
16866	O-19167	NA		/ /	0	DRUM		
16867	O-19168	NA	0002	10/15/85	1	DRUM	7	
16868	O-19170	NA	0002	10/15/85	1	DRUM	7	
16869	O-19106	NA	0002	10/10/85	1	DRUM	7	
16870	O-19105	NA	0002	10/10/85	1	DRUM	7	
16871	O-19108	NA	0002	10/10/85	1	DRUM	7	

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16872	019107	NA	0002	10/10/85	1	DRUM	7	
16873	WATER	MCR	0002	09/16/85	1	DRUM	7	
16874	WATER	MCR	0002	09/16/85	1	DRUM	7	
16875	WATER	MCR	0002	09/16/85	1	DRUM	7	
16876	NA	NA	0002	/ /	1	DRUM	7	NA
16877	O-19114	NA	0002	10/11/85	1	DRUM	7	
16878	O-19113	NA	0002	10/11/85	1	DRUM	7	
16879	O-19109	NA	NA	10/10/85	1	DRUM	7	
16880	O-19115	NA	0002	10/11/85	1	DRUM	7	
16881	16629	MCR	0002	05/04/85	1	DRUM	7	, WATER
16882	OX-585	MCR	0002	11/30/01	1	DRUM	7	
16883	O-19117	NA	0002	10/11/85	1	DRUM	7	
16884	O-18093	1384	0124	/ /	1	DRUM	7	NA
16885	R-200	MCR	0002	/ /	1	DRUM	7	NA
16886	R-NL	MCR	0002	/ /	1	DRUM	7	NA
16887	OT18926-22	1503	NA	09/30/85	1	DRUM	7	
16888	R-215	MCR	0002	12/21/84	1	DRUM	7	EMPTY
16889	R-139	MCR	0002	09/23/84	1	DRUM	7	
16890	R-148	MCR	0002	09/23/84	1	DRUM	7	
16891	R-138	MCR	0002	09/23/84	1	DRUM	7	
16892	R-137	MCR	0002	09/23/84	1	DRUM	7	
16893	O-18881	1458	0092	06/11/85	1	DRUM	7	
16894	O-18888	1460	0075	09/11/85	1	DRUM	7	
16895	O-18891	1460	0075	05/11/85	1	DRUM	7	
16896	O-18829	NA	0075	/ /	1	DRUM	7	NA
16897	OT-9925-2	628	0041	07/08/84	1	DRUM	7	
16898	OT-9925-1	628	0041	07/08/84	1	DRUM	7	
16899	OT-9925-3	628	0041	07/08/84	1	DRUM	7	
16900	OT-9919	628	0041	07/08/84	1	DRUM	7	
16901	R-094	MCR	0002	07/05/84	1	DRUM	7	
16902	R-096	MCR	0002	07/05/84	1	DRUM	7	
16903	R-093	MCR	0002	07/05/84	1	DRUM	7	
16904	R-095	MCR	0002	07/05/84	1	DRUM	7	
16905	OT18926-15	1503	NA	07/30/85	1	DRUM	7	
16906	OT18926-14	1503	NA	09/30/85	1	DRUM	7	
16907	OT-18926-1	1503	NA	09/30/85	1	DRUM	7	
16908	OT18926-13	1503	NA	09/30/85	1	DRUM	7	
16909	R-158	MCR	0002	10/22/84	1	DRUM	7	
16910	R-157	MCR	0002	10/22/84	1	DRUM	7	
16911	R-159	MCR	0002	10/22/84	1	DRUM	7	
16912	R-160	MCR	0002	10/22/84	1	DRUM	7	
16913	O-15309	1107	0114	03/04/85	1	DRUM	7	
16914	O-15306	1107	0114	02/28/85	1	DRUM	7	
16915	O-15307	1107	0114	02/28/85	1	DRUM	7	
16916	O-15308	1107	0114	03/04/85	1	DRUM	7	
16917	V-061	MCR	0002	01/11/85	1	DRUM	7	

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16918		NA	0002	01/11/85	1	DRUM	7	
16919	V-060	MCR	0002	01/11/85	1	DRUM	7	
16920		NA	0002	01/11/85	1	DRUM	7	
16921	V-082	MCR	0002	05/01/85	1	DRUM	7	
16922	V-084	MCR	0002	05/01/85	1	DRUM	7	
16923	V-083	MCR	0002	05/01/85	1	DRUM	7	
16924	V-081	MCR	0002	05/01/85	1	DRUM	7	
16925	O-20398	NA	0002	12/06/85	1	DRUM	7	
16926	O-1896	MCR	0002	/ /	1	DRUM	7	NA
16927	T-17937-2	1350	NA	08/13/85	1	DRUM	7	
16928	?-17848	1289	0146	/ /	1	DRUM	7	NA
16929	V-080	MCR	0002	03/29/85	1	DRUM	7	
16930	V-077	MCR	0002	03/20/85	1	DRUM	7	
16931	V-079	MCR	0002	03/29/85	1	DRUM	7	
16932	V-078	MCR	0002	03/29/85	1	DRUM	7	
16933	K-085	NA	0002	03/08/85	1	DRUM	7	
16934	R-088	MCR	0002	03/06/84	1	DRUM	7	
16935	R-064	MCR	0002	/ /	1	DRUM	7	16937
16936	R-082	MCR	0002	03/06/84	1	DRUM	7	
16937		NA	NA	/ /	1	DRUM	7	NA
16938	NA	NA	0002	07/06/85	1	DRUM	7	
16939	O-9389	600	0007	06/05/84	1	DRUM	7	
16940	O-9383	600	0007	06/05/84	1	DRUM	7	
16941	OT-15002E	1019	NA	02/04/85	1	DRUM	7	
16942	OT-15008B	1027	NA	01/10/85	1	DRUM	7	
16943	OT-15002E	1019	0024	02/04/85	1	DRUM	7	
16944	OT-15008A	1027	NA	01/10/85	1	DRUM	7	
16945	OT-15107	1069	NA	06/05/85	1	DRUM	7	
16946	OT-15107	1069	NA	06/08/85	1	DRUM	7	
16947	WATER	MCR	NA	09/08/85	1	DRUM	7	
16948	WATER	MCR	NA	06/15/85	1	DRUM	7	
16949	WATER	MCR	NA	06/08/92	1	DRUM	7	5
16950	WATER	MCR	NA	06/08/85	1	DRUM	7	
16951	WATER	MCR	NA	06/08/85	1	DRUM	7	
16952	WATER	MCR	NA	06/08/85	1	DRUM	7	
16953	O-9390	600	NA	/ /	0	DRUM	7	
16954	C-15580	1128	NA	01/21/85	1	DRUM	6	
16955	OX-583	MCR	0002	08/02/85	1	DRUM	7	
16956	VD-108	MCR	0002	10/05/85	1	DRUM	7	
16957	VD-107	MCR	0002	10/05/85	1	DRUM	7	
16958	VD-109	MCR	0002	10/01/85	1	DRUM	7	
16959	VD-106	MCR	0002	06/08/85	1	DRUM	7	
16960	O-15310	1107	0011	02/28/85	1	DRUM	7	
16961	O-15305	1107	0011	02/28/85	1	DRUM	7	
16962	O-15311	1107	0011	02/28/85	1	DRUM	7	
16963	O-12304	MCR	0011	03/04/85	1	DRUM	7	

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16963	R-178	MCR		/ /	0		0	
16964	O-18732	NA	0002	09/14/85	1	DRUM	7	
16965	NA	1358	0007	03/04/85	1	DRUM	7	
16966	OX-586	MCR	0002	10/11/85	1	DRUM	7	
16967	OX-587	MCR	0002	10/11/85	1	DRUM	7	
16968	T-17938-1	1350	NA	08/15/85	1	DRUM	7	
16969	O-13466	899	NA	/ /	1	DRUM	7	NA
16970	O-18245	1400	0001	/ /	1	DRUM	7	NA
16971	O-18885	1458	0092	06/11/85	1	DRUM	7	
16972	NA	1458	0092	06/11/85	1	DRUM	7	
16973	NA	1458	0092	06/11/85	44	DRUM	7	
16974	NA	1858	0092	06/04/85	1	DRUM	7	
16975	O-19123	NA	0002	10/11/85	1	DRUM	7	
16976	O-19121	NA	0002	10/11/85	1	DRUM	7	
16977	O-19124	NA	0002	/ /	1	DRUM	7	NA
16978	O-19122	NA	0002	10/11/85	1	DRUM	7	
16979	WATER#2	MCR	0002	/ /	1	DRUM	7	NA
16980	019070	NA	0002	10/08/85	1	DRUM	7	85
16981	OT-18953	1505	NA	07/15/85	1	DRUM	7	
16982	OT-19238	1544	NA	09/23/85	1	DRUM	7	
16983		NA	0002	/ /	1	DRUM	7	NA
16984	OR-187	MCR	0002	11/28/84	1	DRUM	7	
16985	R-186	MCR	0002	11/28/84	1	DRUM	7	
16986	R-185	MCR	0002	11/28/84	1	DRUM	7	
16987	R-182	MCR	0002	11/28/84	1	DRUM	7	
16988	R-184	MCR	0002	11/28/84	1	DRUM	7	
16989	R-181	MCR	0002	11/28/84	1	DRUM	7	
16990	R-183	MCR	0002	11/28/84	1	DRUM	7	
16991	NA	NA	NA	/ /	1	DRUM	7	NA
16992	R-180	MCR	0002	11/28/84	1	DRUM	7	
16993	R-08?	MCR	0002	03/06/84	1	DRUM	7	
16994	R-132	MCR	NA	09/19/84	1	DRUM	7	
16995	OT18925-16	1503	NA	09/30/85	1	DRUM	7	
16996	OT-18926-8	1503	NA	09/30/85	1	DRUM	7	
16997	OT18925-14	1503	NA	09/30/85	1	DRUM	7	
16998	OT18926-18	1503	NA	09/30/85	1	DRUM	7	
16999	R-068	MCR	0002	01/24/84	1	DRUM	7	
17000	R-065	MCR	0002	01/24/84	1	DRUM	7	
17001	R-070	MCR	0002	02/01/84	1	DRUM	7	
17002	R-199	MCR	0002	01/09/85	1	DRUM	7	
17003	R-200	MCR	0002	12/10/84	1	DRUM	7	
17004	R-202	MCR	0002	12/10/84	1	DRUM	7	
17005	R-198	MCR	0002	12/10/84	1	DRUM	7	
17006	R-195	MCR	0002	12/10/84	1	DRUM	7	
17007	M-15664	1117		03/15/85	0		0	
17007	R-194 ?	MCR	0002	12/10/84	1	DRUM	7	

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17008	R-197	MCR	0002	12/10/84	1	DRUM	7	
17009	R-196	MCR	0002	12/10/84	1	DRUM	7	
17010	O-17775	MCR	0002	07/05/85	1	DRUM	7	
17011	O-17724	NA	0002	07/08/85	1	DRUM	7	
17012	T-17937-1	1350	NA	08/15/85	1	DRUM	7	
17013	O-17773	MCR	0002	07/05/85	1	DRUM	7	
17014	R-231	MCR	0002	03/12/85	1	DRUM	7	
17015	R-232	MCR	0002	03/12/85	1	DRUM	7	
17016	R-233	MCR	0002	03/12/85	1	DRUM	7	
17017	R-257	MCR	0002	03/12/85	1	DRUM	7	
17018	OT-12529-2	812	NA	/ /	1	DRUM	7	NA
17019	OX-979	MCR	0002	06/21/85	1	DRUM	7	
17020	OX-580	MCR	0002	06/21/85	1	DRUM	7	
17021	OX-581	MCR	0002	06/26/85	1	DRUM	7	
17022	OT18926-16	1503	NA	09/30/85	1	DRUM	7	
17023	CP-1608	MCR	0002	10/26/84	1	DRUM	6	SHRCOR
17024	CP-974	MCR	0002	07/05/84	1	DRUM	6	COR
17025	CP-973	MCR	0002	07/05/84	1	DRUM	6	SHRCOR
17026	CP-1014	MCR	0002	07/13/84	1	DRUM	6	SHRCOR
17027	CP-1013	MCR	0002	07/13/84	1	DRUM	6	COR
17028	CP-933	MCR	0002	06/22/84	1	DRUM	6	SHRCOR
17029	CP-932	MCR	0002	06/22/84	1	DRUM	6	COR
17030	CP-560	MCR	0002	05/31/84	1	DRUM	6	COR
17031	CP-871	MCR	0002	06/01/84	1	DRUM	6	SHRCOR
17032	CP-271	MCR	0002	01/20/84	1	DRUM	6	COR
17033	CP-276	MCR	0002	11/23/84	1	DRUM	6	COR
17034	CP-1099	MCR	0002	08/01/84	1	DRUM	6	COR
17035	CP-1100	MCR	0002	08/01/84	1	DRUM	6	SHRCOR
17036	CP-241	MCR	0002	01/16/84	1	DRUM	6	COR
17037	CP-242	MCR	0002	01/16/84	1	DRUM	6	SHRCOR
17038	CP-856	MCR	0002	05/30/84	1	DRUM	6	COR
17039	CP-857	MCR	0002	05/30/84	1	DRUM	6	SHRCOR
17040	CP-858	MCR	0002	05/30/84	1	DRUM	6	COR
17041	CP-867	MCR	0002	05/31/84	1	DRUM	6	COR
17042	CP-240	MCR	0002	01/16/84	1	DRUM	6	SHRCOR
17043	CP-244	MCR	0002	01/17/84	1	DRUM	6	SHRCOR
17044	CP-1097	MCR	0002	08/01/84	1	DRUM	6	COR
17045	CP-1098	MCR	0002	08/01/84	1	DRUM	6	SHRCOR
17046	CP-277	MCR	0002	01/23/84	1	DRUM	6	SHRCOR
17047	CP-278	MCR	0002	01/24/84	1	DRUM	6	COR
17048	CP-870	MCR	0002	06/01/84	1	DRUM	6	COR
17049	CP-868	MCR	0002	05/31/84	1	DRUM	6	SHRCOR
17050	CP-931	MCR	0002	06/22/84	1	DRUM	6	SHRCOR
17050	CP-936	MCR		/ /	0			
17051	CP-934	MCR	0002	06/27/84	1	DRUM	6	COR
17052	CP-959	MCR	0002	06/29/84	1	DRUM	6	SHRCOR

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17053	CP-1516	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17054	CP-1722	MCR	0002	11/07/84	1	DRUM	6	COR
17055	CP-1723	MCR	0002	11/07/84	1	DRUM	6	SHRCOR
17056	CP-1573	MCR	0002	04/19/84	1	DRUM	6	SHRCOR
17057	CP-1571	MCR	0002	10/22/84	1	DRUM	6	SHRCOR
17058	CP-1212	MCR	0002	08/23/84	1	DRUM	6	COR
17059	CP-1213	MCR	0002	08/23/84	1	DRUM	6	COR
17060	CP-2082	MCR	0002	02/24/85	1	DRUM	6	COR
17061	CP-2077	MCR	0002	02/22/85	1	DRUM	6	SHRCOR
17062	CP-1209	MCR	0002	08/23/84	1	DRUM	6	COR
17063	CP-1210	MCR	0002	08/23/84	1	DRUM	6	SHRCOR
17064	CP-1207	MCR	0002	08/23/84	1	DRUM	6	COR
17065	CP-1208	MCR	0002	08/23/84	1	DRUM	6	SHRCOR
17066	CP-2079	MCR	0002	02/23/85	1	DRUM	6	COR
17067	CP-2086	MCR	0002	07/24/85	1	DRUM	6	COR
17068	CP-1214	MCR	0002	08/23/84	1	DRUM	6	SHRCOR
17069	CP-1215	MCR	0002	08/23/84	1	DRUM	6	COR
17070	CP-1570	MCR	0002	11/22/84	1	DRUM	6	COR
17071	CP-1572	MCR	0002	11/19/84	1	DRUM	6	COR
17072	CP-1724	MCR	0002	11/07/84	1	DRUM	6	COR
17073	CP-1725	MCR	0002	11/07/84	1	DRUM	6	SHRCOR
17074	CP-1517	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17075	CP-953	MCR	0002	06/28/84	1	DRUM	6	COR
17076	CP-1153	MCR	0002	08/13/84	1	DRUM	6	SHRCOR
17077	CP-1154	MCR	0002	08/13/84	1	DRUM	6	COR
17078	CP-2090	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17079	CP-2091	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17080	CP-2093	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17081	CP-2092	MCR	0002	/ /	6	DRUM	6	NA
17082	CP-2015	MCR	0002	02/11/85	1	DRUM	6	COR
17083	CP-2016	MCR	0002	01/24/01	1	DRUM	6	RCOR
17084	4A-2480	MCR	0002	06/20/84	1	DRUM	6	OR
17085	CP-2005	MCR	0002	02/08/85	1	DRUM	6	COR
17086	CP-2006	MCR	0002	02/08/85	1	DRUM	6	SHRCOR
17087	CP-2007	MCR	0002	02/08/85	1	DRUM	6	COR
17088	CP-1152	MCR	0002	08/12/85	1	DRUM	6	COR
17089	CP-1151	MCR	0002	08/12/84	1	DRUM	6	COR
17090	CP-2088	MCR	0002	08/25/85	1	DRUM	6	COR
17091	EC-11701	756	0002	07/27/84	1	DRUM	6	SHRCOR
17092	CP-2094	MCR	0002	02/25/85	1	DRUM	6	COR
17093	CP-2095	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17094	CP-2014	MCR	0002	02/11/85	1	DRUM	6	SHRCOR
17095	CP-2013	MCR	0002	02/11/85	1	DRUM	6	COR
17096	CP-2001	MCR	0002	01/05/85	1	DRUM	6	COR
17097	4A-2420	MCR	0002	06/07/84	1	DRUM	6	4 SHRCOR
17098	CP-2000	MCR	0002	02/05/85	1	DRUM	6	SHRCOR

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17099	CP-2002	MCR	0002	02/08/85	1	DRUM	6	SHRCOR
17100	CP-1963	MCR	0002	01/31/85	1	DRUM	6	COR
17101	CP-1962	MCR	0002	01/31/85	1	DRUM	6	SHR COR
17102	CP-1973	MCR	0002	02/04/85	1	DRUM	6	COR
17103	CP-1972	MCR	0002	02/04/85	1	DRUM	6	SHR COR
17104		MCR	0002	02/06/85	1	DRUM	6	COR
17105	CP-1988	MCR	0002	02/06/85	1	DRUM	6	COR
17106	CP-995	MCR	0002	09/11/84	1	DRUM	6	COR
17107	CP-1001	MCR	0002	09/12/84	1	DRUM	6	COR
17108	CP-1017	MCR	0002	07/16/84	1	DRUM	6	COR
17109	CP-1016	MCR	0002	07/16/84	1	DRUM	6	SHRCOR
17110	CP-210	MCR	0002	01/06/84	1	DRUM	6	COR
17111	CP-216	MCR	0002	01/09/84	1	DRUM	6	COR
17112	CP-1698	MCR	0002	11/05/84	1	DRUM	6	SHRCOR
17113	CP-1702	MCR	0002	11/05/84	1	DRUM	6	COR
17114	CP-992-A	MCR	0002	07/10/84	1	DRUM	6	SHRCOR
17115	C-8991-A	MCR	0002	09/11/84	1	DRUM	6	SHRCOR
17116	CP-1610	MCR	0002	10/26/84	1	DRUM	6	SHRCOR
17117	CP-221	MCR	0002	01/10/84	1	DRUM	6	SHRCOR
17118	CP-222	MCR	0002	01/10/84	1	DRUM	6	COR
17119	CP-223	MCR	0002	01/10/84	1	DRUM	6	SHRCOR
17120	CP-990-A	MCR	0002	01/10/84	1	DRUM	6	COR
17121	CP-993-A	MCR	0002	01/10/84	1	DRUM	6	COR
17122	CP-1700	MCR	0002	11/05/84	2	DRUM	6	SHRCOR
17123	CP-1699	MCR	0002	11/05/86	1	DRUM	6	COR
17124	CP-215	MCR	0002	01/09/84	1	DRUM	6	COR
17125	CP-214	MCR	0002	01/09/84	1	DRUM	6	COR
17126	CP-1019	MCR	0002	07/16/84	1	DRUM	6	COR
17127	CP-1018	MCR	0002	07/16/84	1	DRUM	6	SHRCOR
17128	CP-996	MCR	0002	09/11/84	1	DRUM	6	SHRCOR
17129	CP-994	MCR	0002	07/11/84	1	DRUM	6	SHRCOR
17130	CP-1987	MCR	0002	02/06/85	1	DRUM	6	SHRCOR
17131	CP-1985	MCR	0002	02/06/85	1	DRUM	6	SHRCOR
17132	CP-1970	MCR	0002	02/04/85	1	DRUM	6	COR
17133	CP-1691	MCR	0002	/ /	1	DRUM	6	
17134	4A-2447	MCR	0002	06/15/84	1	DRUM	6	4 SHRCOR
17135	CP-1960	MCR	0002	01/31/85	1	DRUM	6	COR
17136	CP-1359	MCR	0002	09/20/84	1	DRUM	6	SHRCOR
17137	CP-1842	MCR	0002	12/28/84	1	DRUM	6	COR
17138	CP-1924	MCR	0002	01/28/85	1	DRUM	6	SHRCOR
17139	CP-1926	MCR	0002	01/23/85	1	DRUM	6	COR
17140	CP-1922	MCR	0002	01/23/85	1	DRUM	6	SHRCOR
17141	CP-1921	MCR	0002	01/23/85	1	DRUM	6	COR
17141	M-10016	MCR		/ /	0			
17142	CP-1917	MCR	0002	01/22/85	1	DRUM	6	SHRCOR
17143	CP-1916	MCR	0002	01/23/85	1	DRUM	6	COR

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17144	CP-1825	MCR	0002	12/26/84	1	DRUM	6	SHRCOR
17145	CP-1824	MCR	0002	12/26/84	1	DRUM	6	COR
17146	CP-885	MCR	0002	06/05/84	1	DRUM	6	SHRCOR
17147	CP-882	MCR	0002	06/08/84	1	DRUM	6	COR
17148	CP-1966	MCR	0002	01/31/85	1	DRUM	6	SHRCOR
17149	CP-1969	MCR	0002	02/01/85	1	DRUM	6	COR
17150	4A-2577	MCR		/ /	0			
17150	CP-877	MCR	0002	06/04/84	1	DRUM	6	SHRCOR
17151	CP-876	MCR	0002	06/04/84	1	DRUM	6	COR
17152	CP-1437	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17153	CP-1435	MCR	0002	09/05/84	1	DRUM	6	SHRCOR
17154	CP-1438	MCR	0002	09/05/84	1	DRUM	6	COR
17155	CP-1436	MCR	0002	09/05/84	1	DRUM	6	COR
17156	CP-878	MCR	0002	06/04/84	1	DRUM	6	SHRCOR
17157	CP-877	MCR	0002	06/04/84	1	DRUM	6	COR
17158	CP-2012	MCR	0002	02/11/85	1	DRUM	6	SHRCOR
17159	NA	MCR	NA	/ /	0	DRUM	6	NA SHRCOR
17160	CP-883	MCR	0002	06/05/84	1	DRUM	6	SHRCOR
17161	CP-884	MCR	0002	06/05/84	1	DRUM	6	COR
17162	CP-1821	MCR	0002	12/26/84	1	DRUM	6	COR
17163	CP-1826	MCR	0002	12/26/84	1	DRUM	6	COR
17164	CP-1918	MCR	0002	01/22/85	1	DRUM	6	COR
17165	CP-119	MCR	0002	01/23/85	1	DRUM	6	SHRCOR
17166	CP-1923	MCR	0002	01/23/85	1	DRUM	6	COR
17167	CP-1920	MCR	0002	01/23/85	1	DRUM	6	SHRCOR
17168	CP-1927	MCR	0002	01/23/85	1	DRUM	6	COR
17169	CP-1925	MCR	NA	01/27/85	1	DRUM	6	COR
17170	CP-1379	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17171	CP-1380	MCR	0002	09/24/85	1	DRUM	6	SHRCOR
17172	CP-1667	MCR	0002	11/01/84	1	DRUM	6	SHRCOR
17173	CP-1666	MCR	0002	11/02/84	1	DRUM	6	COR
17174	CP-227	MCR	0002	01/01/84	1	DRUM	6	SHRCOR
17175	CP-226	MCR	0002	02/11/84	1	DRUM	6	SHR COR
17176	CP-970	MCR	0002	07/03/84	1	DRUM	6	COR
17177	CP-969	MCR	0002	07/03/84	1	DRUM	6	SHRCOR
17178	CP-1041	MCR	0002	07/24/84	1	DRUM	6	COR
17179	CP-1037	MCR	0002	10/19/84	1	DRUM	6	COR
17180	CP-1556	MCR	0002	09/19/84	1	DRUM	6	SHRCOR
17181	CP-1650	MCR	0002	10/31/84	1	DRUM	6	SHRCOR
17182	AA-1548	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17183	CP-1629	MCR	0002	01/09/84	1	DRUM	6	COR
17184	CP-1653	MCR	0002	10/31/84	1	DRUM	6	COR
17185	CP-1654	MCR	0002	10/31/84	1	DRUM	6	SHRCOR
17186	CP-1217	MCR	0002	08/24/84	1	DRUM	6	COR
17187	CP-1216	MCR	0002	08/24/84	1	DRUM	6	SHRCOR
17188	CP-1658	MCR	0002	11/04/84	1	DRUM	6	COR

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17189	CP-1663	MCR	0002	11/01/84	1	DRUM	6	SHRCOR
17190	CP-1662	MCR	0002	11/01/84	1	DRUM	6	COR
17191	CP-1661	MCR	0002	11/01/84	1	DRUM	6	SHRCOR
17192	CP-1219	MCR	0002	08/24/84	1	DRUM	6	COR
17193	CP-1218	MCR	0002	04/24/84	1	DRUM	6	SHRCOR
17194	CP-1649	MCR	0002	10/31/84	1	DRUM	6	COR
17195	CP-1648	MCR	0002	10/31/84	1	DRUM	6	SHRCOR
17196	CP-1632	MCR	0002	10/30/84	1	DRUM	6	SHRCOR
17197	CP-1645	MCR	0002	10/31/84	1	DRUM	6	COR
17198	CP-1652	MCR	0002	10/31/84	1	DRUM	6	SHRCOR
17199	CP-1651	MCR	0002	10/31/84	1	DRUM	6	COR
17200	CP-1040	MCR	0002	07/20/84	1	DRUM	6	SHRCOR
17201	CP-1039	MCR	0002	07/25/84	1	DRUM	6	COR
17202	CP-968	MCR	0002	07/03/84	1	DRUM	6	COR
17203	CP-971	MCR	0002	07/03/84	1	DRUM	6	SHRCOR
17204	CP-224	MCR	0002	01/11/84	1	DRUM	6	COR
17205	CP-225	MCR	0002	01/11/84	1	DRUM	6	SHRCOR
17206	CP-1665	MCR	0002	11/01/84	1	DRUM	6	SHRCOR
17207	CP-1664	MCR	0002	11/01/84	1	DRUM	6	COR
17208	CP-1197	MCR	0002	08/21/84	1	DRUM	6	COR
17209	CP-1198	MCR	0002	08/21/84	1	DRUM	6	SHRCOR
17210	CP-1165	MCR	0002	08/18/84	1	DRUM	6	SHRCOR
17211	CP-1159	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17212	CP-2671	MCR	0002	06/04/85	1	DRUM	6	COR
17213	CP-2669	MCR	0002	08/13/84	1	DRUM	6	COR
17214	CP-1819	MCR	0002	12/21/84	1	DRUM	6	COR
17215	CP-1820	MCR	0002	12/21/84	1	DRUM	6	SHRCOR
17216	CP-1240	MCR	0002	03/19/84	1	DRUM	6	SHRCOR
17217	CP-1242	MCR	0002	07/31/84	1	DRUM	6	SHRCOR
17218	CP-1633	MCR	0002	11/30/84	1	DRUM	6	COR
17219	NA	MCR	NA	/ /	0	DRUM	6	NA SHRCOR
17220	CP-1999	MCR	0002	09/17/84	1	DRUM	6	COR
17221	CP-1243	MCR	0002	07/31/84	1	DRUM	6	COR
17222	CP-1241	MCR	0002	03/14/84	1	DRUM	6	COR
17223	CP-1823	MCR	0002	12/21/84	1	DRUM	6	SHRCOR
17224	CP-1814	MCR	0002	12/20/84	1	DRUM	6	COR
17225	CP-2665	MCR	0002	06/04/85	1	DRUM	6	SHRCOR
17226	CP-2670	MCR	0002	06/04/85	1	DRUM	6	SHRCOR
17227	CP-1160	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17228	CP-1166	MCR	0002	08/16/84	1	DRUM	6	COR
17229	CP-1195	MCR	0002	08/21/84	1	DRUM	6	COR
17230	CP-1196	MCR	0002	08/21/84	1	DRUM	6	SHRCOR
17231	CP-1802	MCR	0002	12/18/84	1	DRUM	6	SHRCOR
17232	CP-1803	MCR	0002	12/18/84	1	DRUM	6	COR
17233	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17234	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR

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17235	CP-1768	MCR	0002	12/07/84	1	DRUM	6	SHRCOR
17236	CP-1765	MCR	0002	12/06/84	1	DRUM	6	COR
17237	CP-1277	MCR	0002	09/10/84	1	DRUM	6	COR
17238	CP-1270	MCR	0002	09/10/84	1	DRUM	6	COR
17239	CP-1595	MCR	0002	10/25/84	1	DRUM	6	COR
17240	CP-1586	MCR	0002	10/24/84	1	DRUM	6	SHRCOR
17241	CP-1589	MCR	0002	11/24/84	1	DRUM	6	COR
17242	CP-1596	MCR	0002	10/25/84	1	DRUM	6	SHRCOR
17243	CP-1587	MCR	0002	10/24/84	1	DRUM	6	COR
17244	CP-1569	MCR	0002	10/22/84	1	DRUM	6	SHRCOR
17245	CP-1588	MCR	0002	10/24/84	1	DRUM	6	SHRCOR
17246	CP-1568	MCR	0002	10/22/84	1	DRUM	6	COR
17247	CP-1275	MCR	0002	09/10/84	1	DRUM	6	COR
17248	CP-1276	MCR	0002	09/10/84	1	DRUM	6	SHRCOR
17249	CP-1766	MCR	0002	12/06/84	1	DRUM	6	SHRCOR
17250	CP-1769	MCR	0002	12/07/84	1	DRUM	6	COR
17251	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17252	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17253	CP-1804	MCR	0002	12/18/84	1	DRUM	6	SHRCOR
17254	CP-1805	MCR	0002	12/18/84	1	DRUM	6	COR
17255	CP-1771	MCR	0002	12/07/84	1	DRUM	6	COR
17256	CP-1772	MCR	0002	12/07/84	1	DRUM	6	COR
17257	CP-1772	MCR	0002	12/10/84	1	DRUM	6	SHRCOR
17258	CP-1777	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17259	CP-1776	MCR	0002	12/10/84	1	DRUM	6	SHRCOR
17260	CP-1775	MCR	0002	12/10/84	1	DRUM	6	COU
17261	CP-1770	MCR	0002	12/07/84	1	DRUM	6	SHRCOR
17262	CP-1500	MCR	0002	09/17/84	1	DRUM	6	SHRCOR
17263	CP-1771	MCR	0002	12/10/84	1	DRUM	6	SHRCOR
17264	CP-1778	MCR	0002	12/11/84	1	DRUM	6	SHRCOR
17265	CP-1781	MCR	0002	12/11/84	1	DRUM	6	COR
17266	M-20207	1645	0003	10/21/85	1	DRUM	6	SHRCOR
17267	M-20228	1645	0003	10/21/85	1	DRUM	6	SHRCOR
17268	M-21747	1800	0016	06/14/85	1	DRUM	6	SOIL
17269	M-21746	1800	0016	06/14/85	1	DRUM	6	SOIL
17270	M-21763	1800	0016	06/14/85	1	DRUM	7	SOIL
17271	M-21762	1800	0016	06/14/85	1	DRUM	7	SOIL
17272	M-16462	1204	0007	01/07/85	1	DRUM	7	SOIL
17273	M-15472	1121	0140	01/07/85	1	DRUM	7	SOIL
17274	NA	1017	0007	01/07/85	1	DRUM	7	SOIL
17275	M-20837	1700	0004	02/01/85	1	DRUM	7	SOIL
17276	M-21761	1800	0016	06/14/85	1	DRUM	7	SOIL
17277	M-21764	1800	0016	07/16/85	1	DRUM	7	SOIL
17278	M-21745	1800	0016	06/14/85	1	DRUM	6	SOIL
17279	M-21744	1800	0016	06/26/85	1	DRUM	6	SOIL
17280	M-20204	1645	0003	10/21/85	1	DRUM	6	SOIL

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17281	M-20205	1645	0003	10/21/85	1	DRUM	6	SOIL
17282	CP-1780	MCR	0002	12/11/84	1	DRUM	6	SHRCOR
17283	CP-1779	MCR	0002	12/11/84	1	DRUM	6	COR
17284	CP-1782	MCR	0002	12/11/84	1	DRUM	6	SHRCOR
17285	CP-1785	MCR	0002	12/12/84	1	DRUM	6	COR
17286	CP-1133	MCR	0002	05/07/84	1	DRUM	6	COR
17287	CP-1132	MCR	0002	08/07/84	1	DRUM	6	SHRCOR
17288	CP-1143	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17289	CP-1140	MCR	0002	08/10/84	1	DRUM	6	COR
17290	CP-920	MCR	0002	06/10/84	1	DRUM	6	SHRCOR
17291	CP-921	MCR	0002	06/10/84	1	DRUM	6	COR
17292	CP-1147	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17293	CP-1146	MCR	0002	08/11/84	1	DRUM	6	COR
17294	CP-905	MCR	0002	06/11/84	1	DRUM	6	COR
17295	CP-904	MCR	0002	06/11/84	1	DRUM	6	SHRCOR
17296	CP-907	MCR	0002	06/11/84	1	DRUM	6	COR
17297	CP-906	MCR	0002	06/11/84	1	DRUM	6	SHRCOR
17298	CP-1194	MCR	0002	08/11/84	1	DRUM	6	SHRCOR
17299	CP-1145	MCR	0002	08/11/84	1	DRUM	6	SHRCOR
17300	CP-919	MCR	0002	06/18/84	1	DRUM	6	COR
17301	CP-917	MCR	0002	06/18/84	1	DRUM	6	SHRCOR
17302	CP-1142	MCR	0002	08/10/84	1	DRUM	6	COR
17303	CP-1141	MCR	0002	08/10/84	1	DRUM	6	SHRCOR
17304	CP-1134	MCR	0002	08/09/84	1	DRUM	6	SHRCOR
17305	CP-1131	MCR	0002	08/09/84	1	DRUM	6	COR
17306	CP-1784	MCR	0002	12/12/84	1	DRUM	6	SHRCOR
17307	CP-1783	MCR	0002	12/11/84	1	DRUM	6	COR
17308	CP-912	MCR	0002	06/15/84	1	DRUM	6	SHRCOR
17309	CP-913	MCR	0002	06/15/84	1	DRUM	6	COR
17310	CP-925	MCR	0002	06/20/84	1	DRUM	6	COR
17311	CP-924	MCR	0002	06/20/84	1	DRUM	6	SHRCOR
17312	CP-927	MCR	0002	06/21/84	1	DRUM	6	COR
17313	CP-928	MCR	0002	06/21/84	1	DRUM	6	SHRCOR
17314	CP-909	MCR	0002	06/15/84	1	DRUM	6	COR
17315	CP-908	MCR	0002	06/16/84	1	DRUM	6	SHRCOR
17316	CP-806	MCR	0002	05/01/84	1	DRUM	6	COR
17317	CP-1015	MCR	0002	05/13/84	1	DRUM	6	COR
17318	CP-1024??	MCR	0002	07/16/84	1	DRUM	6	SHRCOR
17319	CP-1010	MCR	0002	07/13/84	1	DRUM	6	SHRCOR
17320	CP-911	MCR	0002	06/15/84	1	DRUM	6	OR
17321	CP-910	MCR	0002	06/15/84	1	DRUM	6	SHRCOR
17322	CP-929	MCR	0002	06/21/84	1	DRUM	6	COR
17323	CP-926	MCR	0002	06/20/84	1	DRUM	6	SHRCOR
17324	CP-922	MCR	0002	06/20/84	1	DRUM	6	SHRCOR
17325	CP-923	MCR	0002	06/20/84	1	DRUM	6	COR
17326	CP-916	MCR	0002	06/18/84	1	DRUM	6	COR

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17327	CP-915	MCR	0002	06/18/84	1	DRUM	6	SHRCOR
17328	CP-958	MCR	0002	06/22/84	1	DRUM	6	COR
17329	OT-12673-A	819	0002	06/20/84	1	DRUM	6	SHRCOR
17330	CP-943	MCR	0002	06/25/84	1	DRUM	6	COR
17331	CP-942	MCR	0002	06/25/84	1	DRUM	6	SHRCOR
17332	CP-2120	MCR	0002	02/27/85	1	DRUM	6	SHRCOR
17333	CP-2121	MCR	0002	02/27/85	1	DRUM	6	COR
17334	CP-2059	MCR	0002	06/02/85	1	DRUM	6	COR
17335	CP-2060	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17336	CP-2058	MCR	0002	02/20/85	2	DRUM	6	SHRCOR
17337	CP-2055??	MCR	0002	02/20/85	1	DRUM	6	COR
17338	4A-2896	MCR	0002	08/05/84	1	DRUM	6	OR
17339	4A-3295	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17340	CP-2103	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
17341	CP-2056	MCR	0002	07/20/85	1	DRUM	6	SHRCOR
17342	CP-2104	MCR	0002	02/26/85	1	DRUM	6	COR
17343	CP-2057	MCR	0002	02/20/85	1	DRUM	6	COR
17344	CP-2061	MCR	0002	02/20/85	1	DRUM	6	COR
17345	CP-2062	MCR	0002	02/22/85	1	DRUM	6	SHRCOR
17346	CP-2123	MCR	0002	02/27/85	1	DRUM	6	COR
17347	CP-2122	MCR	0002	02/27/85	1	DRUM	6	SHRRCO
17348	CP-941	MCR	0002	06/20/84	1	DRUM	6	COR
17349	CP-940	MCR	0002	06/22/84	1	DRUM	6	SHRCOR
17350	CP-955	MCR	0002	06/29/85	1	DRUM	6	SHRCOR
17351	CP-946	MCR	0002	06/29/84	1	DRUM	6	SHRCOR
17352	CP-2113	MCR	0002	02/26/85	1	DRUM	6	COR
17353	CP-2110	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
17354	CP-2100	MCR	0002	02/25/85	1	DRUM	6	SHRCOR
17355	CP-3297	MCR	0002	/ /	1	DRUM	6	NA SHR COR
17356	CP-2112	MCR	0002	01/26/85	1	DRUM	6	SHRCOR
17357	CP-2111	MCR	0002	02/26/85	1	DRUM	6	COR
17358	CP-2131	MCR	0002	02/27/85	1	DRUM	6	SHRCOR
17359	CP-2126	MCR	0002	02/27/85	1	DRUM	6	COR
17360	CP-2037	MCR	0002	02/28/85	1	DRUM	6	COR
17361	CP-2038	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17362	CP-2144	MCR	0002	02/28/85	1	DRUM	6	COR
17363	CP-2143	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17364	CP-2146	MCR	0002	03/01/85	1	DRUM	6	COR
17365	CP-2147	MCR	0002	03/01/85	1	DRUM	6	SHRCOR
17366	CP-2149	MCR	0002	03/01/85	1	DRUM	6	SHRCOR
17367	CP-2148	MCR	0002	03/01/85	1	DRUM	6	COR
17368	CP-2141	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17369	CP-2142	MCR	0002	02/28/85	1	DRUM	6	COR
17370	CP-2033	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17371	CP-2032	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17372	CP-2128	MCR	0002	02/27/85	1	DRUM	6	SHRCOR

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17373	CP-2129	MCR	0002	02/27/85	1	DRUM	6	COR
17374	CP-2118	MCR	0002	02/27/85	1	DRUM	6	SHRCOR
17375	CP-2117	MCR	0002	02/27/85	1	DRUM	6	COR
17376	CP-2115	MCR	0002	02/26/85	1	DRUM	6	COR
17377	CP-2102	MCR	0002	02/25/85	1	DRUM	6	COR
17378	CP-2114	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
17379	CP-2116	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
17380	CP-2119	MCR	0002	02/27/85	1	DRUM	6	COR
17381	CP-2130	MCR	0002	02/27/85	1	DRUM	6	COR
17382	CP-2166	MCR	0002	05/06/85	1	DRUM	6	COR
17383	CP-2169	MCR	0002	03/06/85	1	DRUM	6	SHRCOR
17384	CP-2145	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17385	CP-2150	MCR	0002	03/01/85	1	DRUM	6	SHRCOR
17386	CP-2039	MCR	0002	02/27/85	1	DRUM	6	COR
17387	CP-2040	MCR	0002	02/28/85	1	DRUM	6	SHRCOR
17388	CP-2151	MCR	0002	03/05/85	1	DRUM	6	COR
17389	CP-2152	MCR	0002	03/05/85	1	DRUM	6	SHRCOR
17390	CP-1428	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17391	CP-1425	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17392	CP-2023	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
17393	CP-2024	MCR	0002	02/15/85	1	DRUM	6	COR
17394	CP-1532	MCR	0002	10/16/84	1	DRUM	6	SHRCOR
17395	CP-1535	MCR	0002	10/16/84	1	DRUM	6	SHRCOR
17396	CP-1413	MCR	0002	/ /	1	DRUM	6	17397
17397	CP-1410	MCR	0002	02/29/84	1	DRUM	6	COR
17398	CP-1411	MCR	0002	08/28/86	1	DRUM	6	SHRCOR
17399	CP-1414	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17400	CP-1415	MCR	0002	09/04/84	1	DRUM	6	COR
17401	LC-12161	791	0002	09/19/84	1	DRUM	6	SHRCOR
17402	CP-2025	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
17403	CP-2026	MCR	0002	02/15/85	1	DRUM	6	COR
17404	CP-1427	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17405	CP-1426	MCR	0004	/ /	2	DRUM	6	NA SHRCOR
17406	CP-2153	MCR	0002	03/05/85	1	DRUM	6	SHRCOR
17407	CP-2154	MCR	0002	03/04/85	1	DRUM	6	COR
17408	CP-2055	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
17409	CP-2054	MCR	0002	02/28/85	1	DRUM	6	COR
17410	CP-2156	MCR	0002	03/04/85	1	DRUM	6	SHRCOR
17411	4A-2485	MCR	0002	06/21/84	1	DRUM	6	5 SHRCOR
17412	CP-2168	MCR	0002	03/06/85	1	DRUM	6	COR
17413	CP-2167	MCR	0004	/ /	2	DRUM	6	NA SHRCOR
17414	CP-2125	MCR	0002	02/27/85	1	DRUM	6	SHRCOR
17415	CP-2036	MCR	0002	03/28/85	1	DRUM	6	SHRCOR
17416	CP-2033	MCR	0002	02/15/85	1	DRUM	6	COR
17417	CP-2030	MCR	0002	02/15/85	1	DRUM	6	SHRCOR
17418	CP-2047	MCR	0002	02/19/85	1	DRUM	6	COR

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17419	CP-2048	MCR	0002	02/19/85	1	DRUM	6	SHRCOR
17420	CP-1453	MCR	0002	09/10/84	1	DRUM	6	COR
17421	CP-1451	MCR	0002	09/10/84	1	DRUM	6	SHRCOR
17422	CP-2197	MCR	0002	03/10/85	1	DRUM	6	SHRCOR
17423	M-14361	968	0002	03/12/85	1	DRUM	6	SHRCOR
17424	CP-2066	MCR	0002	02/21/85	1	DRUM	6	SHRCOR
17425	CP-2063	MCR	0002	02/21/85	1	DRUM	6	SHRCOR
17426	CP-2045	MCR	0002	02/19/85	1	DRUM	6	COR
17427	CP-2046	MCR	0002	02/19/85	1	DRUM	6	SHRCOR
17428	CP-1457	MCR	0002	04/04/84	1	DRUM	6	SHRCOR
17429	CP-1458	MCR	0002	04/04/84	1	DRUM	6	COR
17430	CP-1465	MCR	0002	08/21/84	1	DRUM	6	SHRCOR
17431	CP-1461	MCR	0002	11/06/84	1	DRUM	6	COR
17432	CP-2069	MCR	0002	02/21/85	1	DRUM	6	COR
17433	CP-2068	MCR	0002	02/26/85	1	DRUM	6	SHRCOR
17434	CP-2067	MCR	NA	02/21/85	1	DRUM	6	COR
17435	CP-2070	MCR	0002	02/04/86	1	DRUM	6	H
17436	CP-1462	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17437		MCR	0002	08/27/85	1	DRUM	6	SHRCOR
17438	CP-1456	MCR	0002	04/04/84	1	DRUM	6	COR
17439	CP-1459	MCR	0002	04/04/84	1	DRUM	6	SHRCOR
17440	CP-2043	MCR	0002	02/19/85	1	DRUM	6	COR
17441	CP-2044	MCR	0002	02/19/85	1	DRUM	6	SHRCOR
17442	CP-2065	MCR	0002	02/21/85	1	DRUM	6	COR
17443	LC-11732	756	0002	07/19/85	1	DRUM	6	SHRCOR
17444	CP-2194	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
17445	CP-2195	MCR	0002	03/12/85	1	DRUM	6	COR
17446	CP-1454	MCR	0002	09/10/84	1	DRUM	6	SHRCOR
17447	CP-1452	MCR	0002	09/10/84	1	DRUM	6	SHRCOR
17448	CP-2041	MCR	0002	02/19/85	1	DRUM	6	COR
17449	CP-2042	MCR	0002	02/19/85	1	DRUM	6	SHRCOR
17450	CP-2032	MCR	0002	07/15/85	1	DRUM	6	COR
17451	CP-2031	MCR	0002	02/15/85	1	DRUM	6	COR
17452	CP-1464	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17453	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17454	CP-1481	MCR	0002	01/11/84	1	DRUM	6	SHRCOR
17455	CP-1482	MCR	0002	07/11/84	1	DRUM	6	COR
17456	CP-2651	MCR	0002	05/29/85	1	DRUM	6	SHRCOR
17457	CP-2650	MCR	0002	05/20/85	1	DRUM	6	COR
17458	CP-2164	MCR	0002	03/05/85	1	DRUM	6	SHRCOR
17459	CP-2161	MCR	0002	03/05/85	1	DRUM	6	COR
17460	CP-2174	MCR	0002	03/06/85	1	DRUM	6	SHRCOR
17461	NA	MCR	NA	/ /	0	DRUM	6	NA SHRCOR
17462	CP-2209	MCR	0002	03/13/85	1	DRUM	6	COR
17463	CP-2208	MCR	0002	03/13/85	0	DRUM		SHRCBr
17464	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR

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17465	CP-2198	MCR	0002	03/12/85	1	DRUM		COR
17466	CP-2216	MCR	0002	03/14/85	1	DRUM	6	COR
17467	CP-2217	MCR	0002	03/14/85	1	DRUM	6	SHRCOR
17468	CP-2206	MCR	0002	07/12/85	1	DRUM	6	SHRCOR
17469	CP-2207	MCR	NA	/ /	0	DRUM	6	NA SHRCOR
17470	CP-2200	MCR	0002	02/12/85	1	DRUM	6	CCO
17471	CP-2199	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
17472	CP-2214	MCR	0002	05/14/85	1	DRUM	6	COR
17473	CP-2215	MCR	0002	03/14/85	1	DRUM	6	SHRCOR
17474	NA	MCR	NA	/ /	0	DRUM	6	NA SHRCOR
17475	NA	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17476	CP-2202	MCR	0002	07/12/85	1	DRUM	6	COR
17477	CP-2205??	MCR	0002	03/12/85	1	DRUM	6	COR
17478	CP-2177	MCR	0002	03/06/85	1	DRUM	6	COR
17479	CP-2175	MCR	0002	07/06/85	1	DRUM	6	COR
17480	CP-2160	MCR	0002	03/05/85	1	DRUM	6	SHRCOR
17481	CP-2173	MCR	0002	03/06/85	1	DRUM	6	COR
17482	CP-2648	MCR	0002	05/29/85	1	DRUM	6	COR
17483	CP-2649	MCR	0002	05/29/85	1	DRUM	6	SHRCOR
17484	CP-1451	MCR	0002	07/11/84	1	DRUM	6	COR
17485	CP-1470	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17486	CP-1471	MCR	0002	/ /	1	DRUM	6	NA SHRCOR
17487	CP-2227	MCR	0002	03/15/85	1	DRUM	6	COR
17488	CP-2228	MCR	0002	03/15/85	1	DRUM	6	SHRCOR
17489	CP-2229	MCR	0002	03/15/85	1	DRUM	6	COR
17490	CP-2210	MCR	NA	/ /	0	DRUM	6	COR
17491	CP-2218	MCR	0002	05/14/85	1	DRUM	6	COR
17492	NA	MCR	NA	08/07/84	1	DRUM	6	SHRCOR
17493	212	MCR	NA	/ /	0	DRUM	6	SHRCOR
17494	CP-2234	MCR	0002	03/17/85	1	DRUM	6	COR
17495	CP-2192	MCR	0002	03/11/85	1	DRUM	6	COR
17496	CP-2157	MCR	0002	07/04/86	1	DRUM	6	COR
17497	CP-2234??	MCR	0002	09/18/84	1	DRUM	6	SHRCOR
17498	C-11720	756	0002	03/14/85	1	DRUM	6	COR
17499	CP-2243	MCR	0002	03/18/85	1	DRUM	6	COR
17500	CP-2319	MCR	0002	03/29/85	1	DRUM	6	SHRCOR
17501	CP-2320	MCR	0002	03/29/85	1	DRUM	6	COR
17502	CP-1429	MCR	0002	04/06/84	1	DRUM	6	COR
17503	CP-2311	MCR	0002	03/27/85	1	DRUM	6	COR
17504	CP-2323	MCR	0002	03/29/85	1	DRUM	6	COR
17505	CP-2324	MCR	0002	03/27/85	1	DRUM	6	SHRCOR
17506	CP-2309	MCR	0002	10/01/84	1	DRUM	6	SHRCOR
17507	CP-2322	MCR	0002	03/29/85	1	DRUM	6	COR
17508	CP-2321	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17509	CP-2246	MCR	0002	03/18/85	1	DRUM	6	SHRCOR
17510	CP-2251	MCR	0002	03/18/85	1	DRUM	6	COR

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17511	CP-1395	MCR	0002	09/05/84	1	DRUM	6	SHRCOR
17512	CP-2219	MCR	0002	07/31/84	1	DRUM	6	SHRCOR
17513	CP-2236	MCR	0002	03/15/85	1	DRUM	6	COR
17514	CP-2244	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
17515	NA	MCR	0002	03/14/85	1	DRUM	6	SHRCOR
17516	CP-2224	MCR	0002	03/11/85	1	DRUM	6	SHRCOR
17516	LC-13102	866		/ /	0			
17517	CP-2211	MCR	0002	03/10/85	1	DRUM	6	SHRCOR
17518	CP-2201	MCR	0002	03/13/85	1	DRUM	6	SHRCOR
17519	CP-2231	MCR	0002	03/15/85	1	DRUM	6	SHRCOR
17520	CP-2230	MCR	0002	03/15/85	1	DRUM	6	COR
17521	CP-2224	MCR	0002	03/15/85	1	DRUM	6	COR
17522	CP-2226	MCR	0002	03/15/85	1	DRUM	6	SHRCOR
17523	CP-2242	MCR	0002	03/18/85	1	DRUM	6	SHRCOR
17524	CP-814	MCR	0002	05/25/84	1	DRUM	6	SHRCOR
17525	CP-2202	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
17526	CP-2232	MCR	0002	01/07/85	1	DRUM	6	COR
17527	CP-2266	MCR	0002	03/20/85	1	DRUM	6	SHRCOR
17528	CP-2259	MCR	0002	03/19/85	1	DRUM	6	COR
17529	CP-2262	MCR	0002	03/19/85	1	DRUM	6	COR
17530	CP-2260	MCR	0002	03/19/85	1	DRUM	6	COR
17531	CP-2264	MCR	0002	03/20/85	1	DRUM	6	SHRCOR
17532	CP-2267	MCR	0002	03/20/85	1	DRUM	6	COR
17533	NA	MCR	0002	03/12/85	1	DRUM	6	SHRCOR
17534	CP-2256	MCR	0002	03/19/85	1	DRUM	6	SHRCOR
17535	CP-2253	MCR	0002	03/19/85	1	DRUM	6	SHRCOR
17536	CP-2254	MCR	0002	03/19/85	1	DRUM	6	COR
17537	CP-2263	MCR	0002	03/20/85	1	DRUM	6	COR
17538	CP-2247	MCR	0002	07/15/84	1	DRUM	6	COR
17539	CP-2258	MCR	0002	03/19/85	1	DRUM	6	SHRCOR
17540	CP-2240	MCR	0002	03/18/85	1	DRUM	6	SHRCOR
17541	CP-2261	MCR	0002	03/19/85	1	DRUM	6	SHRCOR
17542	CP-2257	MCR	0002	03/19/85	1	DRUM	6	COR
17543	CP-2269	MCR	0002	03/20/85	1	DRUM	6	COR
17544	CP-2268	MCR	0002	03/20/85	1	DRUM	6	SHRCOR
17545	CP-2265	MCR	0002	03/20/85	1	DRUM	6	COR
17546	CP-2233	MCR	0002	03/17/85	1	DRUM	6	SHRCOR
17547	CP-2239	MCR	0002	02/18/85	1	DRUM	6	SHRCOR
17548	CP-2238	MCR	0002	03/18/85	1	DRUM	6	SHRCOR
17549	CP-2238	MCR	0002	03/18/85	1	DRUM	6	COR
17550	CP-2308	MCR	0002	03/27/85	1	DRUM	6	COR
17551	MC-15065	MCR	0002	/ /	1	DRUM	6	SHRCOR
17552	CP-2307	MCR	0002	03/22/85	1	DRUM	6	SHRCOR
17553	CP-2302	MCR	0002	03/26/85	1	DRUM	6	COR
17554	CP-2299	MCR	0002	06/15/84	1	DRUM	6	SHRCOR
17555	NA	MCR	0002	01/18/84	1	DRUM	6	SHRCOR

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17556	CP-246	MCR	0002	01/17/84	1	DRUM	6	SHRCOR
17557	CP-1058	MCR	0002	07/31/84	1	DRUM	6	SHRCOR
17558	CP-1057??	MCR	0002	07/31/84	1	DRUM	6	SHRCOR
17559	CP-891	MCR	0002	06/07/84	1	DRUM	6	SHRCOR
17560	CP-892	MCR	0002	06/07/84	1	DRUM	6	COR
17561	CP-1484	MCR	0002	10/12/84	1	DRUM	6	COR
17562	CP-1485	MCR	0002	10/12/84	1	DRUM	6	SHRCOR
17563	CP-527	MCR	0002	03/23/84	1	DRUM	6	COR
17564	CP-520	MCR	0002	03/23/84	1	DRUM	6	SHRCOR
17565	CP-608	MCR	0002	04/05/84	1	DRUM	6	COR
17566	CP-607	MCR	0002	04/05/84	1	DRUM	6	SHRCOR
17567	CP-662	MCR	0002	07/11/84	1	DRUM	6	COR
17568	CP-661	MCR	0002	04/11/84	1	DRUM	6	SHRCOR
17569	CP-658	MCR	0002	01/10/84	1	DRUM	6	COR
17570	CP-657	MCR	0002	04/10/84	1	DRUM	6	SHRCOR
17571	CP-611	MCR	0002	04/05/84	1	DRUM	6	COR
17572	CP-604	MCR	0002	04/05/84	1	DRUM	6	COR
17573	CP-518	MCR	0002	03/23/84	1	DRUM	6	SHRCOR
17574	CP-519	MCR	0002	03/23/84	1	DRUM	6	COR
17575	CP-1483	MCR	0002	10/12/84	1	DRUM	6	SHRCOR
17576	CP-1488	MCR	0006	01/30/84	1	DRUM	6	COR
17577	CP-893	MCR	0002	07/06/84	1	DRUM	6	SHRCOR
17578	CP-894	MCR	0002	06/07/84	1	DRUM	6	COR
17579	CP-1086	MCR	0002	07/30/84	1	DRUM	6	SHRCOR
17580	CP-1054	MCR	0002	07/31/84	1	DRUM	6	SHRCOR
17581	CP-245	MCR	0002	01/12/84	1	DRUM	6	SHRCOR
17582	CP-243??	MCR	0002	01/06/84	1	DRUM	6	COR
17583	CP-2301	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17584	CP-2303	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17585	CP-2306	MCR	0002	03/27/85	1	DRUM	6	COR
17586	CP-2304	MCR	0002	03/27/85	1	DRUM	6	COR
17587	CP-208	MCR	0002	01/06/84	1	DRUM	6	SHRCOR
17588	CP-209	MCR	0002	01/06/84	1	DRUM	6	SHRCOR
17589	CP-1874	MCR	0002	01/09/85	1	DRUM	6	SHRCOR
17590	NA	MCR	NA	/ /	1	DRUM	6	SHRCOR
17591	4A-19942	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
17592	4A-19941	MCR	0002	02/19/86	1	DRUM	6	OR
17593	NA	MCR	0002	02/19/86	1	DRUM	6	SHRCOR
17594	4A-19931	MCR	0002	02/11/86	1	DRUM	6	OR
17595	4A-19943	MCR	0002	02/12/86	1	DRUM	6	OR
17596	4A-19946	MCR	0002	02/19/86	1	DRUM	6	OR
17597	CP-515	MCR	0002	03/23/84	1	DRUM	6	SHRCOR
17598	CP-513	MCR	0002	03/23/84	1	DRUM	6	SHRCOR
17599	CP-514	MCR	0002	03/23/84	1	DRUM	6	COR
17600	CP-516	MCR	0002	03/22/84	1	DRUM	6	COR
17601	4A-19945	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR

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17602	4A-19950	MCR	0002	02/19/86	1	DRUM	6	OR
17603	4A-19937	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
17604	4A-19938	MCR	0002	02/19/86	1	DRUM	6	OR
17605	4A-19949	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
17606	4A-19940	MCR	0002	02/19/86	1	DRUM	6	6 SHRCOR
17607	NA	MCR	0002	/ /	1	DRUM	6	SHRCOR
17608	CP-1874	MCR	0002	01/09/85	1	DRUM	6	COR
17609	CP-205	MCR	0002	01/06/84	1	DRUM	6	COR
17610	CP-207	MCR	0002	01/06/84	1	DRUM	6	SHRCOR
17611	CP-200	MCR	0002	01/05/84	1	DRUM	6	COR
17612	CP-204	MCR	0002	01/06/84	1	DRUM	6	SHRCOR
17613	CP-1911	MCR	0002	01/18/85	1	DRUM	6	COR
17614	4A-2411	MCR	0002	06/05/84	1	DRUM	6	OR
17614	CP-1915	MCR		/ /	0			
17615	CP-2640	MCR	0002	05/28/85	1	DRUM	6	SHRCOR
17616	CP-2642	MCR	0002	05/28/85	1	DRUM	6	SHRCOR
17617	CP-2637	MCR	0002	05/28/85	1	DRUM	6	SHRCOR
17618	CP-2636	MCR	0002	05/28/85	1	DRUM	6	COR
17619	CP-2597	MCR	0002	05/16/85	1	DRUM	6	SHRCOR
17620	CP-1598	MCR	0002	05/16/85	1	DRUM	6	COR
17621	CP-2594	MCR	0002	05/14/85	1	DRUM	6	SHRCOR
17621	LC-16146	1179		/ /	0			
17622	CP-2587	MCR	0002	05/12/85	1	DRUM	6	COR
17623	CP-2593	MCR	0002	05/16/85	1	DRUM	6	COR
17624	CP-2595	MCR	0002	05/14/85	1	DRUM	6	COR
17625	CP-2599	MCR	0002	05/16/85	1	DRUM	6	COR
17626	CP-2601	MCR	0002	05/16/85	1	DRUM	6	COR
17627	CP-2639	MCR	0002	05/28/85	1	DRUM	6	SHRCOR
17628	CP-2638	MCR	0002	05/28/85	2	DRUM	6	COR
17629	CP-2643	MCR	0002	05/28/85	1	DRUM	6	COR
17630	CP-2641	MCR	0002	05/28/85	1	DRUM	6	COR
17631	CP-1912	MCR	0002	01/18/85	1	DRUM	6	SHRCOR
17632	CP-1913	MCR	0002	01/19/85	1	DRUM	6	COR
17633	CP-2521	MCR	0002	01/25/85	1	DRUM	6	COR
17634	CP-197	MCR	0002	01/04/84	1	DRUM	6	SHRCOR
17635	CP-1914	MCR	0002	01/25/85	1	DRUM	6	SHRCOR
17636	CP-1943	MCR	0002	01/20/85	1	DRUM	6	SHRCOR
17637	CP-1914	MCR	0002	01/21/85	1	DRUM	6	COR
17638	CP-1930	MCR	0002	01/28/85	1	DRUM	6	COR
17639	CP-2517	MCR	0002	04/25/85	1	DRUM	6	SHRCOR
17640	CP-2522	MCR	0002	04/25/85	1	DRUM	6	SHRCOR
17641	CP-1528	MCR	0002	/ /	1	DRUM	6	SHRCOR
17642	CP-1530	MCR	0021	03/17/82	2	DRUM	6	SHRCOR
17643	CP-2528	MCR	0002	04/29/85	1	DRUM	6	COR
17644	CP-2529	MCR	0002	04/30/85	1	DRUM	6	SHRCOR
17645	CP-2496	MCR	0002	04/24/85	1	DRUM	6	SHRCOR

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17646	CP-2497	MCR	0002	04/25/85	1	DRUM	6	COR
17647	CP-2495	MCR	0002	04/24/85	1	DRUM	6	COR
17648	CP-2498	MCR	0002	04/24/85	1	DRUM	6	SHRCOR
17649	CP-2530	MCR	0002	04/30/84	1	DRUM	6	COR
17650	CP-2525	MCR	0002	04/20/85	1	DRUM	6	SHRCOR
17651	CP-1529	MCR	0002	/ /	1	DRUM	6	COR
17652	CP-1528	MCR	0002	/ /	1	DRUM	6	COR
17653	CP-2520	MCR	0002	04/25/85	1	DRUM	6	SHRCOR
17654	CP-2518	MCR	0002	04/25/85	1	DRUM	6	COR
17655	CP-1929	MCR	0002	01/24/85	1	DRUM	6	COR
17656	CP-1928	MCR	0002	01/23/85	1	DRUM	6	COR
17657	CP-1941	MCR	0002	01/25/85	1	DRUM	6	COR
17658	CP-1940	MCR	0002	01/25/85	1	DRUM	6	SHRCOR
17659	CP-2316	MCR	0002	03/28/85	1	DRUM	6	COR
17660	CP-1116	MCR	0002	08/05/84	1	DRUM	6	SHRCOR
17661	CP-2314	MCR	0002	07/07/85	1	DRUM	6	COR
17662	CP-1799	MCR	0002	12/17/84	1	DRUM	6	COR
17663	CP-1798	MCR	0002	12/17/84	1	DRUM	6	SHRCOR
17664	CP-1796	MCR	0002	12/17/84	1	DRUM	7	COR
17665	CP-1797	MCR	0002	12/17/84	1	DRUM	7	SHRCOR
17666	CP-1792	MCR	0002	12/14/84	1	DRUM	6	SHRCOR
17667	CP-1791	MCR	0002	12/14/84	1	DRUM	6	COR
17668	CP-1524	MCR	0002	/ /	1	DRUM	6	COR
17669	CP-1523	MCR	0002	10/16/84	1	DRUM	6	SHRCOR
17670	CP-1522	MCR	0002	10/16/84	1	DRUM	6	COR
17671	CP-1528	MCR	0002	10/16/84	1	DRUM	6	SHRCOR
17672	CP-1797	MCR	0002	12/14/84	1	DRUM	6	COR
17673	CP-1790	MCR	0002	12/14/84	1	DRUM	6	SHRCOR
17674	CP-1795	MCR	0002	12/17/84	1	DRUM	7	SHRCOR
17675	CP-1794	MCR	0002	12/17/84	1	DRUM	7	COR
17676	CP-1800	MCR	0002	12/17/84	1	DRUM	6	SHRCOR
17677	CP-1801	MCR	0002	12/17/84	1	DRUM	6	COR
17678	CP-2300	MCR	0002	03/26/85	1	DRUM	6	COR
17679	CP-2312	MCR	0002	03/27/85	1	DRUM	6	SHRCOR
17680	CP-2315	MCR	0002	03/18/85	1	DRUM	6	SHRCOR
17681	CP-2318	MCR	0002	03/28/85	1	DRUM	6	COR
17682	CP-2317	MCR	0002	03/28/85	7	DRUM	6	SHRCOR
17688	CP-1510	MCR	0002	10/15/84	1	DRUM	6	COR
17689	CP-1507	MCR	0002	10/15/84	1	DRUM	6	SHRCOR
17690	CP-1787	MCR	0002	12/12/84	1	DRUM	6	COR
17691	CP-1786	MCR	0002	12/12/84	1	DRUM	6	SHRCOR
17692	CP-1206	MCR	0002	09/22/84	1	DRUM	6	SHRCOR
17693	CP-1199	MCR	0002	08/31/84	1	DRUM	6	COR
17694	CP-1818	MCR	0002	12/20/84	1	DRUM	6	SHRCOR
17695	CP-1815	MCR	0002	/ /	1	DRUM	6	SHRCOR
17696	CP-1490	MCR	0002	/ /	1	DRUM	6	COR

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17697	CP-1491	MCR	0002	06/07/84	1	DRUM	6	SHRCOR
17698	CP-1515	MCR	0002	/ /	1	DRUM	6	SHRCOR
17699	CP-1514	MCR	0002	/ /	1	DRUM	6	COR
17700	CP-1312	MCR	0002	06/18/84	1	DRUM	6	SHRCOR
17701	CP-1513	MCR	0002	06/18/84	1	DRUM	6	SHRCOR
17702	CP-1489	MCR	0002	06/19/84	1	DRUM	6	SHRCOR
17703	CP-1492	MCR	0002	06/19/84	1	DRUM	6	COR
17704	CP-1816	MCR	0002	12/20/84	1	DRUM	6	SHRCOR
17705	CP-1817	MCR	0002	12/20/84	1	DRUM	6	COR
17706	CP-1205	MCR	0002	08/23/84	1	DRUM	6	COR
17707	CP-1204	MCR	0002	05/22/84	1	DRUM	6	COR
17708	CP-1789	MCR	0002	12/13/84	1	DRUM	6	COR
17709	CP-1788	MCR	0002	12/12/84	1	DRUM	6	SHRCOR
17710	CP-1508	MCR	0002	10/15/84	1	DRUM	6	COR
17711	CP-1509	MCR	0002	10/15/84	1	DRUM	6	SHRCOR
17712	CP-2293	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17713	CP-2295	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17714	CP-2294	MCR	0002	03/26/85	1	DRUM	6	COR
17715	CP-2297	MCR	0002	03/26/85	1	DRUM	6	SHRCOR
17716	CP-2287	MCR	0002	03/25/85	1	DRUM	6	SHRCOR
17717	CP-2291	MCR	0002	03/25/85	1	DRUM	6	SHRCOR
17718	CP-2271	MCR	0002	03/21/85	1	DRUM	6	SHRCOR
17719	CP-2277	MCR	0002	03/22/85	1	DRUM	6	COR
17720	CP-2275	MCR	0002	03/21/85	1	DRUM	6	COR
17721	CP-2276	MCR	0002	03/22/85	1	DRUM	6	SHRCOR
17722	CP-2244	MCR	0002	03/21/85	1	DRUM	7	COR
17723	CP-2273	MCR	0002	03/21/85	1	DRUM	7	SHRCOR
17724	CP-2270	MCR	0002	03/20/85	1	DRUM	7	COR
17725	CP-2272	MCR	0002	03/21/85	1	DRUM	7	COR
17726	CP-2279	MCR	0002	03/22/85	1	DRUM	6	COR
17727	CP-2280	MCR	0002	03/22/85	1	DRUM	6	COR
17728	CP-2278	MCR	0002	03/22/85	1	DRUM	6	SHRCOR
17729	CP-1711	MCR	0002	/ /	1	DRUM	6	SHRCOR
17730	CP-2288	MCR	0002	03/25/85	1	DRUM	6	COR
17731	CP-2290	MCR	0002	03/25/85	1	DRUM	6	COR
17732	CP-2298	MCR	0002	03/20/85	1	DRUM	6	COR
17733	CP-2296	MCR	0002	03/26/85	1	DRUM	6	COR
17734	CP-2289	MCR	0002	03/25/85	1	DRUM	6	SHRCOR
17735	CP-2292	MCR	0002	03/26/85	1	DRUM	6	COR
17736		1752	0010	01/17/85	1	DRUM	6	
17737	LC-18183	1418	0062	07/15/85	1	DRUM	6	
17738	LC-18184	1418	0062	12/18/84	1	DRUM	6	
17739	LC-20766	1696	0016	10/02/85	1	DRUM	6	
17740	LC-20765	1696	0016	10/01/85	1	DRUM	6	
17741	LC-2130	1752	0010	12/28/84	1	DRUM	6	
17742	C-18182	1418	0062	06/21/85	1	DRUM	6	

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17743	LC-18181	1418	0062	07/18/85	1	DRUM	6	
17744	LC-19444	1559	0087	09/04/85	1	DRUM	6	
17745	LC-20764	1696	0016	10/02/85	1	DRUM	6	
17746	LC-20273	1637	0010	05/14/85	1	DRUM	6	
17747	LC-20272	1637	0010	12/21/84	1	DRUM	6	
17748	LC-20253	1637	0010	06/07/85	1	DRUM	6	
17749	LC-20257	1637	0010	07/30/84	1	DRUM	6	
17750	LC-20251	1637	0010	06/11/85	1	DRUM	6	
17751	LC-20252	1637	0010	06/10/85	1	DRUM	6	
17752	LC-20274	1637	0010	12/21/84	1	DRUM	6	
17753	LC-20271	1637	0010	05/14/85	1	DRUM	6	
17754	M-15667	1117	0002	03/15/85	1	DRUM	7	SOILDB
17755	15714A	MCR	0002	03/27/85	1	DRUM	7	L
17756	M-16572	1219	0016	03/27/85	2	DRUM	7	SOIL
17757	M-16571	1219	0016	03/18/05	1	DRUM	7	SOIL
17758	M-15441	1121	0002	03/14/85	1	DRUM	7	SOIL
17759	M-16033	MCR	0002	02/03/85	1	DRUM	7	SOIL
17760	M-15437	1121	0002	03/14/85	1	DRUM	8	SOIL
17761	M-15655	1117	0016	03/15/85	1	DRUM	8	SOIL
17762	15714E	NA	0002	03/27/85	1	DRUM	8	SOIL
17763		1219	0016	08/27/85	1	DRUM	8	L
17764		1194	0019	03/29/85	1	DRUM	6	5
17765	M-15436	1121	0002	03/14/85	1	DRUM	8	SOIL
17766	M-20843	1700	0002	03/11/85	1	DRUM	8	DEBRIS
17767	M-16419	1206	0017	03/21/85	1	DRUM	6	SOIL
17768	M-16186	1185	0006	03/11/85	1	DRUM	6	SOIL
17769	M-16181	1185	0006	03/11/85	1	DRUM	6	SOIL
17770	M-16577	1219	0016	03/27/85	1	DRUM	6	SOIL
17771	M-15435	1121	0002	03/14/85	1	DRUM	8	SOIL
17772	M-17074	1266	0054	03/01/85	1	DRUM	8	SOIL
17773		NA	0002	03/27/85	1	DRUM	8	L
17774	15714D	NA	0002	03/27/85	1	DRUM	8	OBSORB
17775	15714-A	1751	0016	03/27/85	2	DRUM	8	SOIL
17776	M-20843	1700	0016	03/27/85	2	DRUM	8	SOIL
17777	M-15675?	1117	0016	03/15/85	1	DRUM	7	SOIL
17778	M-15656	1117	0016	03/15/85	1	DRUM	7	SOIL
17779	M-15668	1117	0002	03/15/85	1	DRUM	8	SOIL
17780	M-15801	1156	0001	03/22/85	1	DRUM	8	SOIL
17781	M-17082	1266	0054	03/15/85	1	DRUM	6	SAND
17782	M-16179	1185	0006	03/11/85	1	DRUM	6	SOIL
17783	M-16417	1206	0007	03/21/85	1	DRUM	7	SOIL
17784	M-16177	1185	0006	03/11/85	1	DRUM	7	SOIL
17785	M-16424	1206	0007	03/21/85	1	DRUM	6	SOIL
17786	M-16570	1219	0016	03/27/85	1	DRUM	6	SOIL
17787	M-16185	1185	0006	03/11/85	1	DRUM	6	SAND
17788	NA	NA	0002	03/27/85	1	DRUM	6	SOIL

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17789	M-16606	1219	0016	03/27/85	1	DRUM	6	SOIL
17790	M-16421	1206	0007	03/21/85	1	DRUM	6	SOIL
17791		1219	0016	03/27/85	2	DRUM	6	SOIL
17792		1185	0006	03/11/85	1	DRUM	6	85 SOIL
17793	M-17091	1266	0054	07/16/85	1	DRUM	6	SOIL
17794	M-16590	1219	0016	03/27/85	1	DRUM	6	SOIL
17795	M-16418	1206	0016	03/21/85	1	DRUM	6	SOIL
17796	M-16420	1206	0017	03/21/85	1	DRUM	6	SOIL
17797	M-16170	1185	0006	03/11/85	1	DRUM	7	SOIL
17798	M-16168	1185	0006	03/11/85	1	DRUM	7	SOIL
17799	M-16175	1185	0006	03/11/85	1	DRUM	6	SOIL
17800	M-16184	1185	0006	03/11/85	1	DRUM	6	SAND
17801	M-15566	1129	0002	03/25/85	1	DRUM	8	TRSH
17802	M-15647	1117	0016	03/15/85	1	DRUM	8	TRSH
17803	NA	868	0010	05/26/84	1	DRUM	6	
17804		1323	0054	06/25/85	1	DRUM	6	
17805	NA	1323	0054	06/25/85	1	DRUM	6	
17806	M-15658?	1117	0016	03/15/85	1	DRUM	7	SOIL
17807		NA	0002	03/15/85	1	DRUM	7	SOIL
17808	M-1514G	NA	0002	03/27/85	1	DRUM	8	WOOD
17809	1529-D	NA	0002	03/01/85	1	DRUM	8	SOIL
17810	LC-19905	1619	0028	07/01/85	1	DRUM	6	
17811	LC-19906	1619	0028	07/01/85	1	DRUM	6	
17812	M-16387	1206	0007	03/21/85	1	DRUM	7	SOIL
17813	M-17090	1266	0054	03/15/85	1	DRUM	7	SOIL
17814	LC-17621	1330	0017	06/25/85	1	DRUM	6	
17815	C-18425	1424	0073	06/06/85	1	DRUM	6	
17816	C-21292	1749	0016	10/07/85	1	DRUM	6	
17817	C-21291	1749	0016	07/19/85	1	DRUM	6	
17818	C-21290	1749	0016	01/13/86	1	DRUM	6	
17819	LC-21322	1752	0010	12/18/85	1	DRUM	6	SOIL
17820	LC-17623	1330	0007	/ /	1	DRUM	6	NA SOIL CAP
17821	LC-17626	1330	0007	06/25/85	1	DRUM	6	SOILWC
17822	M-16388	1206	0007	03/21/85	1	DRUM	7	SOIL
17823	M-16182	1185	0006	03/11/85	1	DRUM	7	SOIL
17824	LC-19903	1619	0028	/ /	1	DRUM	6	03-85
17825	LC-199081	1619	0028	/ /	1	DRUM	6	07-85
17826	15249C	NA	0002	03/01/85	1	DRUM	8	SOIL
17827	M-20830	1700	0002	03/27/85	1	DRUM	8	SOIL
17828	M-17094	1266	0054	03/15/85	1	DRUM	7	SOIL
17829	M-1????	1117	0016	03/15/85	1	DRUM	7	SOIL
17830	M-16591	1219	0016	03/27/85	1	DRUM	6	SOIL
17831	M-21308	1751	0010	03/05/85	1	DRUM	7	SOIL
17832	01688	NA	0141	11/08/85	1	DRUM	7	
17833	LC-20663	1688	0141	11/02/85	1	DRUM	6	

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17834	15492A	NA	0002	03/20/85	1	DRUM	8	SOIL
17835	15492B	NA	0002	03/20/85	1	DRUM	8	SOIL
17836	LC-17811	MCR	NA	/ /	0	DRUM	6	SHRCOR
17837	LC-17800	NA	NA	/ /	0	DRUM	6	NA
17838	M-17078	1266	0054	03/13/85	1	DRUM	7	SOIL
17839	M-16183	1185	0006	03/11/85	1	DRUM	7	SOIL
17840	LC-20263	1637	0010	06/10/85	1	DRUM	6	
17841	LC-20250	1637	0010	04/10/85	1	DRUM	6	
17842	LC-20261	1637	0010	06/10/85	1	DRUM	6	
17843	LC-20260	1637	0010	05/14/85	1	DRUM	6	
17844	M-16176	1187	0006	03/11/85	1	DRUM	7	SOIL
17845	M-17067	1266	0054	03/13/85	1	DRUM	7	SOIL
17846	LC-17810	1347	NA	/ /	0	DRUM	6	NA
17847	LC-13168	868	0010	05/28/84	1	DRUM	6	
17848	15249B	NA	0002	03/01/85	1	DRUM	8	SOIL
17849	15249A	NA	0002	03/01/85	1	DRUM	8	TRSH
17850	LC-20657	1684	0002	10/30/85	1	DRUM	6	
17851	LC-20656	1684	0020	10/30/85	1	DRUM	6	
17852	M-17099	1266	0054	03/20/85	1	DRUM	7	SOIL
17853	M-16592	1219	0016	03/27/85	1	DRUM	7	SOIL
17854	NA	1577	NA	/ /	0	DRUM	7	OILDRY
17855	NA	868	NA	/ /	0	DRUM	7	TRSH
17856	M-16526	1217	0016	03/27/85	1	DRUM	7	SOIL
17857	M-21309	1751	0010	03/21/85	1	DRUM	7	SOIL
17858	LC-20266	1637	0010	07/30/84	1	DRUM	6	
17859	LC-20265	1637	0010	06/10/85	1	DRUM	6	
17860	4A-19897	MCR	0002	02/07/86	1	DRUM	6	OR
17861	4A-19898	MCR	0002	02/07/86	1	DRUM	6	6 SHRCOR
17862	4A-19966	MCR	0002	02/21/86	1	DRUM	6	6 SHRCOR
17863	4A-19974	MCR	0002	02/21/86	1	DRUM	6	6 SHRCOR
17864	4A-19965	MCR	0002	02/21/86	1	DRUM	6	OR
17865	4A-19971	MCR	0002	02/21/86	1	DRUM	6	OR
17866	4A-19969	MCR	0002	02/21/86	1	DRUM	6	6
17866	4A-9967	MCR		/ /	0			
17867	4A-19969	MCR	0002	02/21/86	1	DRUM	6	
17868	4A-19973	MCR	0002	02/21/86	1	DRUM	6	
17868	CP-2392	MCR		/ /	0			
17869	4A-19972	MCR	0002	02/21/86	1	DRUM	6	6
17870	4A-19896	MCR	0002	02/07/86	1	DRUM	6	6
17871	4A-19895	MCR	0002	02/07/86	1	DRUM	6	
17872	LC-20264	1637	0007	/ /	1	DRUM	6	NA
17873	LL-20262 ?	16319	0007	/ /	1	DRUM	6	NA GRAV
17874	M-17095	1266	0054	03/15/85	1	DRUM	7	SOIL
17875	M-17092	1266	0054	03/15/85	1	DRUM	7	SOIL
17876	NA	NA	NA	/ /	0	DRUM	7	NA TRSH
17877	NA	NA	NA	/ /	0	DRUM	7	NA TRSH

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17878	C-17061	1266	0054	05/20/85	1	DRUM	6	
17879	C-17062	1266	0054	05/20/85	1	DRUM	6	
17880	M-16535	1217	0007	01/07/85	1	DRUM	7	SOIL
17881	M-15463	1121	0016	01/07/85	1	DRUM	7	SOIL
17882	M-16574	1219	0016	03/27/85	1	DRUM	7	SOIL
17883	M-16593	1219	0016	03/27/85	1	DRUM	7	SOIL
17884	4A-19900	MCR	0002	02/07/86	1	DRUM	7	6
17885	4A-19899	MCR	0002	02/07/86	1	DRUM	7	
17886	M-21750	1800	0016	06/14/85	1	DRUM	7	OD
17887	M-21749	1800	0016	06/14/85	1	DRUM	8	SOIL
17888	C-17084	1266	0054	02/28/85	1	DRUM	6	
17889	LC-16934	1259	0006	04/12/85	1	DRUM	6	
17890	NA	1259	NA	04/10/85	1	DRUM	7	TRSH
17891	C-17081	1266	NA	05/15/85	1	DRUM	6	
17892	M-21752	1800	0016	06/26/85	1	DRUM	7	SOIL
17893	M-21751	1800	0016	05/28/85	1	DRUM	7	OD
17894	4A-19902	MCR	0002	02/07/86	1	DRUM	7	6
17895	4A-19901	MCR	0002	02/07/86	1	DRUM	7	
17896	M-15492C	NA	0002	03/20/85	1	DRUM	7	SOIL
17897		NA	0002	03/20/85	1	DRUM	7	L
17898	M-20831	1700	0004	01/04/85	1	DRUM	7	SOIL
17899	M-20816	1700	0004	02/18/85	1	DRUM	7	SOIL
17900	C-17064	1266	0054	05/20/85	1	DRUM	6	
17901	OT18926-11	1503	NA	09/30/85	1	DRUM	7	
17902	OT18926-10	1503	NA	09/30/85	1	DRUM	7	
17903	NA	NA	NA	/ /	1	DRUM	6	NA
17904	OT-18500-1	1435	NA	10/03/85	1	DRUM	7	
17905	OT-18840-1	1491	NA	10/03/85	1	DRUM	7	
17906	OT-18999-1	NA	NA	10/08/85	1	DRUM	7	
17907	OT-18839-1	1491	NA	10/03/85	1	DRUM	7	
17908	OT18925-18	1503	NA	09/30/85	1	DRUM	7	
17909		NA	NA	09/30/85	1	DRUM	7	
17910	OT18925-17	1503	NA	09/30/85	1	DRUM	7	
17911	OT18926-23	1503	NA	09/30/85	1	DRUM	7	
17912	T-17936-1	1350	NA	08/15/85	1	DRUM	7	
17913	OT-18502-2	1435	NA	10/03/85	1	DRUM	7	
17914	T-17936-2	1350	NA	08/15/85	1	DRUM	7	
17915	OT-18502-1	1435	NA	10/03/85	1	DRUM	7	
17916	NA	NA	0002	06/20/85	1	DRUM	7	
17917	OT-18926-3	1503	NA	09/30/85	1	DRUM	7	
17918	NA	NA	0002	06/20/85	1	DRUM	7	
17919	NA	NA	0002	09/20/85	1	DRUM	7	
17920	R-177	MCR	0002	11/20/84	1	DRUM	7	
17921	R-179	MCR	0002	11/20/84	1	DRUM	7	
17922	R-173	MCR	0002	11/16/84	1	DRUM	7	
17923	OT-9635A	614A	NA	06/12/84	1	DRUM	7	

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17924	OT-146506	982	NA	12/11/85	1	DRUM	7	
17925	OT-9635B	614A	NA	06/12/84	1	DRUM	7	
17926	OT-146501	982	NA	12/14/84	1	DRUM	7	
17927	OT-12956	855	NA	/ /	1	DRUM	7	NA
17928	OT-12956	855	0101	/ /	1	DRUM	7	4
17929	OT-11177D	711	NA	08/14/84	1	DRUM	7	
17930	OT-11177A	711	NA	08/14/84	1	DRUM	7	
17931	NA	NA	NA	/ /	1	DRUM	7	NA
17932		819	NA	09/12/84	1	DRUM	7	
17933	OT-11177C	711	NA	/ /	1	DRUM	7	NA
17934	OT-11177D	711	NA	08/14/84	1	DRUM	7	
17935	O-18320	1417	0073	06/18/85	1	DRUM	7	
17936	O-18325	1417	0073	/ /	1	DRUM	7	NA
17937	O-18319	1417	0073	06/18/85	1	DRUM	7	
17938	O-18326	1417	0073	/ /	1	DRUM	7	NA
17939	O-18318	1417	0073	06/05/85	1	DRUM	7	
17940	O-18327	1417	0073	/ /	1	DRUM	7	NA
17941	O-18317	1417	0073	06/05/85	1	DRUM	7	
17942	O-18328	1417	0073	/ /	1	DRUM	7	NA
17943	OT-20573	1694	NA	11/05/85	1	DRUM	7	
17944	OT-19086	1519	NA	08/08/85	1	DRUM	7	
17945	OT-19086	1519	0088	08/08/85	1	DRUM	7	
17946	OT-19086	1519	NA	08/08/85	1	DRUM	7	
17947	OT-18538	1453	NA	08/07/85	1	DRUM	7	
17948	OT-18927	1544	NA	08/13/85	1	DRUM	7	
17949	OT-15741	1151	NA	03/20/85	1	DRUM	7	
17950		1431	NA	07/25/85	1	DRUM	7	
17951	NA	1436	0017	/ /	1	DRUM	7	NA
17952	NA	1436	0017	/ /	1	DRUM	7	NA
17953	NA	1436	0017	/ /	1	DRUM	7	NA
17954	NA	1436	0017	/ /	1	DRUM	7	NA
17955	O-18357	1404	0073	08/08/85	1	DRUM	7	
17956	O-18359	1404	0073	/ /	1	DRUM	7	NA
17957	O-18358	1404	0073	/ /	1	DRUM	7	NA
17958	O-18355	1404	0073	06/28/85	1	DRUM	7	
17959	O-18361	1404	0073	09/07/85	1	DRUM	7	
17960	O-18360	1404	0073	11/09/85	1	DRUM	7	
17961	O-18356	1404	0073	/ /	1	DRUM	7	NA
17962	O-18340	1415	0073	/ /	1	DRUM	7	NA
17963	O-18339	1415	0073	/ /	1	DRUM	7	NA
17964	O-18341	1415	0073	/ /	1	DRUM	7	NA
17965	O-18338	1415	0073	/ /	1	DRUM	7	NA
17966		1404	0073	/ /	1	DRUM	6	NA
17967	O-18353	1404	0073	06/27/85	1	DRUM	6	
17968	C-15313	1405	0073	12/16/83	1	DRUM	6	
17969	O-18511	1406	0073	/ /	1	DRUM	7	NA

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17970	OT-10093	644	NA	07/02/84	1	DRUM	7	
17971	NA	NA	NA	02/08/84	1	DRUM	7	
17972	NA	NA	NA	/ /	1	DRUM	7	NA
17973	NA	NA	NA	02/08/84	1	DRUM	7	
17974	NA	NA	NA	/ /	1	DRUM	7	NA
17975	OT-14328C	960	NA	12/11/84	1	DRUM	7	
17976	NA	960	NA	12/14/84	1	DRUM	7	
17977	NA	NA	NA	/ /	1	DRUM	7	NA
17978	OT-126611-	819	NA	09/12/84	1	DRUM	7	
17979	O-18337	1415	0073	08/01/85	1	DRUM	7	
17980	O-18324	1417	0073	06/14/85	1	DRUM	7	
17981	O-18335	1415	0073	08/01/85	1	DRUM	7	
17982	O-18329	1417	0073	/ /	1	DRUM	7	NA
17983	O-18331	1417	0073	06/18/85	1	DRUM	7	
17984	O-18330	1417	0073	/ /	1	DRUM	7	NA
17985	O-18323	1417	0073	/ /	1	DRUM	7	NA
17986	NA	NA	NA	/ /	1	DRUM	7	NA
17987	NA	NA	NA	/ /	0	DRUM	7	NA
17988	OT-18141	1395	NA	08/02/85	1	DRUM	7	
17989	NA	NA	0147	/ /	1	DRUM	7	
17990	OT-19866	1589	NA	10/30/85	1	DRUM	7	
17991	OT-19866	1589	NA	10/30/85	1	DRUM	7	
17992	OT-19866	1589	NA	10/30/85	1	DRUM	7	
17993	OT-19866	1589	NA	10/30/86	1	DRUM	7	
17994	OT-20951	1719	NA	12/01/85	1	DRUM	7	
17995	OT-20951	1719	NA	12/01/85	1	DRUM	7	
17996	OT-20951	1719	NA	12/01/85	1	DRUM	7	
17997	OT-20950	1719	NA	12/01/85	1	DRUM	7	
17998	OT-19866	1589	NA	10/30/85	1	DRUM	7	
17999	OT-20573	1075	0004	/ /	1	DRUM	7	NA
18000	NA	NA	NA	/ /	1	DRUM	7	NA
18001	OT-20573	1694	NA	11/05/85	1	DRUM	7	
18002	OT-9635D	614A	NA	06/12/84	1	DRUM	7	
18003	OT-9635E	614A	NA	06/12/84	1	DRUM	7	
18004	OT-10093A	644	NA	07/02/84	1	DRUM	7	
18005	NA	NA	NA	06/23/84	1	DRUM	7	
18006	NA	NA	NA	/ /	1	DRUM	7	
18007	NA	NA	NA	06/23/84	1	DRUM	7	
18008	NA	NA	NA	/ /	1	DRUM	7	NA
18009	OT-11176D	711	NA	07/11/84	1	DRUM	7	
18010	OT-11176C	711	NA	08/14/84	1	DRUM	7	
18011	OT-1117A	711	NA	08/14/84	1	DRUM	7	
18012	OT-1117B	711	NA	08/14/85	1	DRUM	7	
18013	NA	NA	NA	02/17/84	1	DRUM	7	
18014	OT-00114	NA	NA	02/17/85	1	DRUM	7	
18015	OT-LL113	NA	NA	02/17/85	1	DRUM	7	

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18016	OT-NN112	NA	NA	/ /	1	DRUM	7	NA
18017	OT-12666	819	NA	09/12/84	1	DRUM	7	
18018	OT-PP109	MCR	NA	01/15/84	1	DRUM	7	
18019	NA	NA	NA	01/15/84	1	DRUM	7	
18020	OT-RR108?	MCR	NA	01/15/84	1	DRUM	7	
18021	OT08551	531	NA	03/29/84	1	DRUM	7	
18022	OT-8554A	531	NA	05/29/84	1	DRUM	7	
18023	OT-9433-A	604	NA	06/06/84	1	DRUM	7	
18024	OT-855?	513	NA	03/29/84	1	DRUM	7	
18025	NA	856	NA	10/17/84	1	DRUM	7	
18026	NA	856	NA	10/17/84	1	DRUM	7	
18027	NA	856	0050	/ /	1	DRUM	7	NA
18028	NA	856	NA	10/12/84	1	DRUM	7	
18029	OT-12530A	812	NA	10/09/84	1	DRUM	7	
18030	YAR1108	MCR	NA	/ /	1	DRUM	7	NA
18031	OT-14137B	954	NA	06/12/84	1	DRUM	7	
18032	OT-14137A	954	NA	09/12/84	1	DRUM	7	
18033	NA	882	NA	11/05/84	1	DRUM	7	
18034	NA	882	NA	11/05/84	1	DRUM	7	
18035	NA	882	NA	11/05/84	1	DRUM	7	
18036	NA	882	NA	12/25/84	1	DRUM	7	
18037	OT-17543	1316	NA	/ /	1	DRUM	7	NA
18038	OT-18144	1395	NA	07/23/85	1	DRUM	7	
18039	OT-18142	1395	NA	07/22/85	1	DRUM	7	
18040	OT-18145	1395	NA	07/23/85	1	DRUM	7	
18041	OT-18187	1390	NA	08/08/85	1	DRUM	7	
18042	OT-18187	1390	NA	08/07/85	1	DRUM	7	
18043	OT-18186	1395	NA	08/07/85	1	DRUM	7	
18044	OT-18187	1390	0148	08/07/85	1	DRUM	7	
18045	OT-16647	1222	0007	04/15/85	1	DRUM	7	
18046	OT-16647	1222	NA	09/15/85	1	DRUM	7	
18047	OT-16647	1222	0007	/ /	1	DRUM	7	NA
18048	OT-16647	1222	0007	04/15/85	1	DRUM	7	
18049	M-20219	1645	0003	07/19/85	1	DRUM	7	
18050	LC-20258	1637	0149	/ /	1	DRUM	7	NA
18051	LC-20223	1643	0148	07/01/85	1	DRUM	7	
18052	LC-20222	1643	0148	07/01/85	1	DRUM	7	
18053		NA	NA	04/15/85	1	DRUM	7	
18054	OT-11647	1222	NA	04/15/85	1	DRUM	7	
18055	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18056	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18057		1544	0150	09/23/85	1	DRUM	6	
18058	LC-18072	1369	0016	04/02/85	1	DRUM	6	
18059	LC-18073	1369	NA	09/26/84	1	DRUM	6	
18060		NA	0002	12/27/85	1	DRUM	6	
18061	OT-20120	1630	NA	11/21/86	1	DRUM	7	

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18062	OT-20120	1630	NA	11/21/86	1	DRUM	7	
18063	OT-20120	1630	NA	11/21/86	1	DRUM	7	
18064	OT-20120	1630	NA	11/21/86	1	DRUM	7	
18065	OT-19963	1588	NA	08/21/85	1	DRUM	7	
18066	OT-19663	1588	NA	08/21/85	1	DRUM	7	
18067	OT-19663	1588	NA	08/31/85	1	DRUM	7	
18068	OT-19663	1588	NA	08/21/85	1	DRUM	7	
18069	OT-19435	1542	NA	10/21/85	1	DRUM	7	
18070	OT-19435	1542	NA	10/21/85	1	DRUM	7	
18071	OT-19435	1542	NA	10/21/85	1	DRUM	7	
18072	OT-19435	1542	NA	10/21/85	1	DRUM	7	
18073	OT-19434	1542	NA	10/21/85	1	DRUM	7	
18074	OT-19733	NA	NA	10/21/85	1	DRUM	7	
18075	OT-19433	1542	NA	10/21/85	1	DRUM	7	
18076	OT-19433	1542	NA	10/21/85	1	DRUM	7	
18077	OT-16016B	1162	NA	04/08/85	1	DRUM	7	
18078	OT-16016K	1162	NA	04/05/85	1	DRUM	7	
18080	OT-16016D	1162	NA	04/05/85	1	DRUM	7	
18081	OT-15002A	1019	NA	02/04/85	1	DRUM	7	
18082	OT-15002C	1019	NA	02/04/85	1	DRUM	7	
18083	OT-15002B	1019	NA	02/04/85	1	DRUM	7	
18084	OT-15002D	1019	NA	02/04/85	1	DRUM	7	
18085	OT-6187A	319	NA	08/01/84	1	DRUM	7	
18086	OT-5859B	283	0020	08/02/84	1	DRUM	7	
18087	NA	NA	NA	/ /	1	DRUM	7	NA
18088	OT-6187C	319	0118	08/01/84	1	DRUM	7	
18089	OT-15108C	1069	NA	/ /	1	DRUM	7	NA
18090	OT-15108D	1069	NA	/ /	1	DRUM	7	NA
18091	OT-15108D	1069	NA	/ /	1	DRUM	7	NA
18092	OT-15108A	1069	NA	/ /	1	DRUM	7	NA
18093	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18094	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18095	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18096	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18097	OT-19595	1569	NA	07/03/85	1	DRUM	7	
18098	OT-18186	1390	NA	08/07/85	1	DRUM	7	
18099	OT-18186	1390	NA	08/07/85	1	DRUM	7	
18100	OT-18448	1430	NA	05/16/85	1	DRUM	7	
18101	C-17055	1266	0054	05/20/86	1	DRUM	6	
18102	M-16408	1206	0010	01/07/85	1	DRUM	7	SOIL
18103	M-16409	1206	0007	01/07/85	1	DRUM	7	SOIL
18104	C-17074	1266	0054	04/15/85	1	DRUM	6	
18105	C-17060	1266	0054	05/20/85	1	DRUM	6	
18106	M-20861	NA	0002	12/19/85	1	DRUM	7	
18107	M-20863	NA	0002	12/19/85	1	DRUM	7	
18108	LC-21197	1721	0018	11/25/85	1	DRUM	6	

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18109	LC-21189	1725	0001	11/12/85	1	DRUM	6	
18110	M-20833	1700	0004	10/15/85	1	DRUM	6	
18111	M-21311	1751	0010	10/01/85	1	DRUM	7	SOIL
18112	LC-21247	1746	0001	10/25/85	1	DRUM	6	
18113	LC-21248	1746	0001	01/25/85	1	DRUM	6	
18114	LC-21249	1746	0001	10/25/85	1	DRUM	6	
18115	LC-21246	1746	0001	10/25/85	1	DRUM	6	
18116	M-21261	1745	0001	10/25/85	1	DRUM	7	SOIL
18117	M-21260	1745	0001	10/25/85	1	DRUM	6	SOIL
18118	LC-21186	1726	0001	11/20/85	1	DRUM	6	
18119	LC-21182	1727	0001	12/05/85	1	DRUM	6	
18120	M-20844	NA	0002	12/19/85	1	DRUM	7	
18121	M-20845	NA	0002	12/19/85	1	DRUM	7	
18122	C-17059	1266	0054	05/20/85	1	DRUM	6	
18123	C-17069	1266	0054	05/20/85	1	DRUM	6	
18124	M-16527	1217	0007	01/07/85	1	DRUM	7	SOIL
18125	M-16524	1217	0019	01/07/85	1	DRUM	7	SOIL
18126	M-20010	1627	0021	06/06/85	1	DRUM	7	SOIL
18127	M-20007	1627	0021	06/06/85	1	DRUM	7	OIL
18128	M-19559	1583	0002	04/22/85	1	DRUM	7	GRAV
18129	M-20211	1645	0003	09/26/85	1	DRUM	6	
18130	M-19129	NA	0002	10/12/85	1	DRUM	6	
18131	M-19079	NA	0002	10/09/85	1	DRUM	6	
18132	M-20395	NA	0002	12/06/85	1	DRUM	7	
18133	M-19134	NA	0002	10/14/85	1	DRUM	7	
18134	M-19176	NA	0002	10/15/85	1	DRUM	7	
18135	M-19136	NA	0002	10/14/85	1	DRUM	7	
18136	M-21174	NA	0002	02/19/86	1	DRUM	7	SAM JR
18137	M-19177	NA	0002	10/15/85	1	DRUM	7	
18138	M-19180	NA	0002	10/15/85	1	DRUM	7	
18139	M-19175	NA	0002	10/15/85	1	DRUM	7	
18140	M-19130	NA	0002	10/12/85	1	DRUM	6	TRSH
18141	19131	NA	0002	10/12/85	1	DRUM	7	SOIL
18142	M-20213	1645	NA	09/25/85	1	DRUM	7	SOIL
18143	M-20209	1645	0003	09/25/85	1	DRUM	7	SOIL
18144	M-20013	1627	0003	06/06/85	1	DRUM	7	GRAV
18145	M-20013	1627	0003	06/06/85	1	DRUM	7	TRSHWO
18146	18729	NA	0002	09/14/85	1	DRUM	7	SOIL
18147	19171	NA	0002	10/15/85	1	DRUM	7	SAM JR
18148	M-19135	NA	0002	10/14/85	1	DRUM	7	
18149		NA	0002	11/30/08	1	DRUM	7	SOIL
18150	M-19132	NA	0002	10/12/85	1	DRUM	7	FLTR
18151	M-19243	1544	0002	10/12/85	1	DRUM	7	
18152	M-18893	NA	0002	09/22/85	1	DRUM	7	ODSOIL
18153	M-19248	NA	0002	10/21/85	1	DRUM	7	
18154	15972	1585	0002	/ /	1	DRUM	7	NA OD TRSH

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18155	NA	751	0002	/ /	1	DRUM	7	
18156	M-19004	NA	0002	09/28/85	1	DRUM	7	
18157	14929	NA	0002	08/31/00	1	DRUM	7	
18158	4A-2853	MCR	0002	08/02/85	1	DRUM	6	5
18159	CP-2574	MCR	0002	08/07/85	1	DRUM	6	
18160	M-21775	MCR	0002	02/20/86	1	DRUM	7	SOIL
18161	NA	NA	0002	09/14/85	1	DRUM	6	
18162	M-15460	1121	0016	01/07/85	1	DRUM	7	SOIL
18163	M-15470	1121	0016	01/08/85	1	DRUM	7	SOIL
18164	M-20830	1700	0004	04/17/85	1	DRUM	7	SOIL
18165	M-16463	1204	0017	01/07/85	1	DRUM	7	SOIL
18166	M-16969	1259	0006	02/28/85	1	DRUM	7	SOIL
18167	M-16529	1217	0017	01/07/85	1	DRUM	7	SOIL
18168	633069	1735	0002	11/16/84	1	DRUM	7	GRAV
18169	511?	NA	NA	/ /	0	DRUM	7	NA SOIL
18170	NA	1735	0002	11/06/84	1	DRUM	7	GRAV
18171	484?	1735	0002	11/26/84	1	DRUM	7	SOIL
18172	M-1080	19		/ /	0		0	
18172	M-15240	1080	NA	/ /	0	DRUM	7	NA SOIL
18173	M-16957	1259	NA	02/28/85	1	DRUM	7	SOIL
18174	M-16528	1217	0017	01/07/85	1	DRUM	7	- SOIL
18175	M-20813	1700	0004	06/17/85	1	DRUM	7	SOIL
18176	M-16533	1217	0017	01/07/85	1	DRUM	4	SOIL
18177	M-15458	1121	0016	01/08/85	1	DRUM	7	SOIL
18178		NA	0002	12/19/85	1	DRUM	6	
18179	M-19128	NA	0002	10/12/85	1	DRUM	6	WIRE
18180	CP-2562	MCR	0002	05/03/85	1	DRUM	6	
18181	CP-1830	MCR	0002	12/26/84	1	DRUM	6	
18182	M-16703	1228	0047	02/06/85	1	DRUM	7	SOIL
18183	M-16402	1206	0017	01/07/85	1	DRUM	7	SOIL
18184	M-15625	1117	0016	03/14/85	1	DRUM	7	SOIL
18185	M-15442	1121	0016	02/06/85	1	DRUM	7	SOIL
18186	M-16687	1228	0047	02/06/85	1	DRUM	7	DEBR
18187	M-15669	1117	0016	03/15/85	1	DRUM	7	SOIL
18188	M-15674	1117	0016	03/15/85	1	DRUM	7	SOIL
18189	M-15663	1117	0016	03/15/85	1	DRUM	7	SOIL
18190	M-17073	1266	0054	03/13/85	1	DRUM	7	SOIL
18191	M-15626	1117	0016	03/15/85	1	DRUM	7	SOIL
18192	M-15465	1121	0016	02/13/85	1	DRUM	6	SOIL
18193	M-16680	1232	0009	12/15/84	1	DRUM	7	SOIL
18194	M-15623	1117	0016	03/15/85	1	DRUM	7	SOIL
18195	M-15454	1121	0016	03/04/85	1	DRUM	7	SOIL
18196	M-16956	1259	0006	/ /	1	DRUM	7	18197
18197	M-16702	1228	0047	02/06/85	1	DRUM	7	SOIL
18198	M-15666	1117	0016	03/15/85	1	DRUM	6	SZIL
18199	M-15673	1117	0016	03/15/85	1	DRUM	7	SOIL

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18200	C-16694	NA	0047	03/11/85	1	DRUM	7	SOIL
18201	M-16031	MCR	0002	02/03/85	1	DRUM	7	SOIL
18202	M-15452	1121	0016	02/15/85	1	DRUM	7	SOIL
18203	M-15314	1107	0147	02/28/85	1	DRUM	7	SOIL
18204	M-14786	1005	0017	01/07/85	1	DRUM	7	SOIL
18205		1217	0007	01/07/85	1	DRUM	7	L
18206	M-14073	945	0002	12/10/85	1	DRUM	7	GRAV
18207	M-14800	1005	0002	02/03/84	1	DRUM	7	GRAV
18208	M-16950	1259	0002	11/07/84	1	DRUM	7	GRAV
18209	M-14480	972	0002	11/08/84	1	DRUM	7	SOIL
18210	M-605-B	978	0002	12/10/84	1	DRUM	7	SOIL
18211	M-14605-C	978	0002	12/10/84	1	DRUM	7	TRSHSZ
18212	M-9219	588	0002	05/24/84	1	DRUM	7	SOIL
18213	14466-F	672?	0002	11/07/84	1	DRUM	7	TRSH
18214	M-14605D	978	0002	12/10/84	1	DRUM	7	SOILOD
18215	M-11722	756	0002	04/06/84	1	DRUM	7	GRAV
18216	M-14466B	972	0002	11/07/84	1	DRUM	7	SOIL
18217	M-14466A	972	0002	11/07/84	1	DRUM	7	SOILTR
18218	M-14466	972	0002	11/07/84	1	DRUM	7	SOIL
18219	M-21305	1751	0010	01/14/85	1	DRUM	7	SOIL
18220	M-14605F	978	0002	12/10/84	1	DRUM	7	SOIL
18221	M-14605E	978	0002	12/10/84	1	DRUM	7	SOIL
18222	M-21306	1751	0010	11/07/85	1	DRUM	7	SOILTR
18223	M-14466E	972	0002	11/07/84	1	DRUM	7	SOILTR
18224	M-10221	651	0002	07/07/84	1	DRUM	7	-SOIL
18225	M-14559A	978	0002	12/10/84	1	DRUM	7	SOIL
18226	M-13389-4E	MCR	0002	11/14/84	1	DRUM	7	GRAV
18227	M-14452	972	0002	11/06/84	1	DRUM	7	GRAV
18228	13389F	NA	0002	/ /	1	DRUM	7	NA GRAV
18229	M-14594A	MCR	0002	12/10/84	1	DRUM	7	GRAV
18230	M-14594E	978	0002	12/10/84	1	DRUM	7	OILDRY
18231	70610	NA	0002	12/21/84	1	DRUM	7	SOIL
18232	M-15671	1117	0016	02/15/85	1	DRUM	7	SOIL
18233	M-17077	1266	0054	03/08/85	1	DRUM	7	SOIL
18234	M-16695	1228	0047	03/15/85	1	DRUM	7	SOIL
18235	M-15445	1121	0016	02/13/85	1	DRUM	7	SOIL
18236	M-15624	1117	0016	03/15/85	1	DRUM	7	SOIL
18237	M-16948	1259	0006	03/01/85	1	DRUM	7	SOIL
18238	M-15466	1121	0016	02/13/85	1	DRUM	7	SOIL
18239	O-15028?	1062	0001	02/15/85	1	DRUM	7	SOIL
18240		1117	0016	03/15/85	1	DRUM	7	
18241	M-15672	1117	0016	03/15/85	1	DRUM	7	SOIL
18242	M-15670	1117	0016	03/15/85	1	DRUM	7	SOIL
18243	M-15644	1117	0016	03/15/85	1	DRUM	7	SOIL
18244	M-15440	1121	0016	02/06/85	1	DRUM	7	SOIL
18245	M-15443	1121	0016	02/06/85	1	DRUM	7	SOIL

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18246	M-16696	1228	0047	02/06/85	1	DRUM	7	SOIL
18247	NA	1259	0006	02/28/85	1	DRUM	7	SOIL
18248	M-15444	1121		/ /	0		0	
18248	M-15630	1117	0016	02/13/85	1	DRUM	7	SOIL
18249	M-15447	1121	0016	02/13/85	1	DRUM	7	SOIL
18250	M-15439	1121	0016	02/15/85	1	DRUM	7	SOIL
18251	M-15645	1117	0016	03/15/85	1	DRUM	7	SOIL
18252	M-14605-A	978	0002	12/10/84	1	DRUM	7	SOIL
18253	M-14553F	978	0002	12/11/84	1	DRUM	7	SOIL
18254		478	0002	12/10/84	1	DRUM	7	L
18255	M-14570E	978	0002	12/10/84	1	DRUM	7	GRAV
18256	M-21611	1781	0054	01/24/86	1	DRUM	7	SOIL
18257	LC-21190	1725	0073	11/19/85	1	DRUM	6	
18258	LC-20789	1702	0004	08/01/85	1	DRUM	6	
18259	M-21181	1727	0073	12/05/85	1	DRUM	7	DEBRS
18260	M-20860	MCR	0002	12/19/85	1	DRUM	7	TRSH
18261	M-20852	NA	0002	12/19/85	1	DRUM	6	TRSH
18262	M-20776	NA	0002	12/19/85	1	DRUM	7	TRSH
18263	LC-20784	1701	0004	09/27/85	1	DRUM	6	
18264	M-14377	970	0002	11/02/84	1	DRUM	5	GRAV
18265	M-14570F	978	0002	12/10/84	1	DRUM	7	SOIL
18266	M-14553D	978	0002	12/11/84	2	DRUM	6	OD DEB
18267	M-14553E	975	0002	12/11/84	1	DRUM	6	SOIL
18268	M-14798	1005	0002	01/28/84	1	DRUM	7	SOIL
18269	M-14570A	978	0002	12/10/84	1	DRUM	7	OD DEB
18270	M-14559B	978	0002	12/10/84	1	DRUM	7	GRAV
18271	M-14559C	978	0002	12/10/84	1	DRUM	7	SOIL
18272	13389C	MCR	0002	11/14/84	1	DRUM	7	SOIL
18273		978	0002	12/10/84	1	DRUM	7	SOIL
18274	M-14570B	978	0002	12/10/84	1	DRUM	7	RAG
18275	NA	932	0002	05/29/84	1	DRUM	7	OD
18276	M-21303	1751	0002	01/05/85	1	DRUM	6	SOILTR
18277	M-14466G	972	0002	11/07/84	1	DRUM	6	SOIL
18278	M-14570D	978	0002	12/10/84	1	DRUM	7	SOIL
18279	M-10869	MCR	0002	06/30/00	1	DRUM	7	SOIL TR
18280	10261E	MCR	0002	08/06/84	1	DRUM	7	ODTRSH
18281	M-13389-E	MCR	0002	11/14/84	1	DRUM	7	SOILTR
18282	M-14559E	978	0002	/ /	1	DRUM	7	NA TRSH OD
18283	21235	NA	0002	01/07/85	1	DRUM	7	SOIL
18284	21236	NA	0002	01/07/85	1	DRUM	7	-SOIL
18285	M-14559D	978	0002	12/10/84	1	DRUM	7	DEB
18286	M-14559G	978	0002	12/10/84	1	DRUM	7	DEB
18287	M-10261D	MCR	0002	08/06/84	1	DRUM	7	TRSH
18288	M-13389D	NA	0002	11/14/84	1	DRUM	7	DEB
18289	M-14559F	978	0002	12/07/84	1	DRUM	7	SOIL
18290	10261B	MCR	0002	08/06/84	1	DRUM	7	SOIL

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18291	10261C	MCR	0002	08/06/84	1	DRUM	7	
18292	M-21307	1751	0010	01/17/85	1	DRUM	7	SOIL
18293	M-13908	932	0002	10/03/84	1	DRUM	7	SOIL
18294	M-14451	972	0002	11/06/84	1	DRUM	6	GRAV
18295	M-14449	972	0002	11/06/84	1	DRUM	7	SOIL
18296	M-14553B	978	0002	12/11/84	1	DRUM	7	SOIL
18297	M-14605G	978	0002	12/10/84	1	DRUM	7	SOIL
18298	M-16030	MCR	0002	02/03/85	1	DRUM	7	SOIL
18299	14327	970	0002	11/02/84	1	DRUM	7	SOIL
18300	M-20215	1645	0003	09/25/85	1	DRUM	7	SOIL
18301	OT-16647	1222	NA	04/15/85	1	DRUM	7	
18302	OT-16647	1222	NA	/ /	1	DRUM	7	NA
18303	OT-16877	NA	NA	04/15/85	1	DRUM	7	
18304	OT-16647	1222	NA	/ /	1	DRUM	7	NA
18305	OT-14630H	993	NA	12/26/84	1	DRUM	7	
18306	OT-15001A	1019	NA	02/04/85	1	DRUM	7	
18307	OT-14630I	993	NA	12/26/85	1	DRUM	7	
18308	OT-1963-S	998	NA	/ /	1	DRUM	7	NA
18309	OT-17790	1342	NA	07/04/85	1	DRUM	7	
18310	OT-17790	1342	NA	07/04/85	1	DRUM	7	
18311	OT-17790	1342	NA	07/04/85	1	DRUM	7	
18312	NA	1395	NA	08/02/85	1	DRUM	7	
18313	OT-17788	1340	NA	07/05/92	1	DRUM	7	5
18314	NA	NA	NA	/ /	1	DRUM	7	NA
18315	OT-17788	1340	NA	07/05/85	1	DRUM	7	
18316	OT-17788	1340	NA	07/05/85	1	DRUM	7	
18317	OT-20120 ?	1630	NA	11/21/85	1	DRUM	7	
18318	OT-20120 ?	1630	NA	11/21/85	1	DRUM	7	
18319	OT-20120	1630	NA	11/21/85	1	DRUM	7	
18320	OT-20120 ?	1630	NA	11/21/85	1	DRUM	7	
18321	OT-9635I	602	NA	06/12/84	1	DRUM	7	
18322	OT-9635J	614A	NA	06/12/84	1	DRUM	7	
18323	OT-9635F	614A	NA	06/12/84	1	DRUM	7	
18324	OT-9635G	614A	NA	06/12/84	1	DRUM	7	
18325	OT-9635M	614A	NA	06/12/84	1	DRUM	7	
18326	OT-9635H	614A	NA	06/12/84	1	DRUM	7	
18327	OT-9635Z	614A	NA	06/12/84	1	DRUM	7	
18328	OT-9635K	614A	NA	06/12/84	1	DRUM	7	
18329	OT-15724B	1140	NA	03/26/85	1	DRUM	7	
18330	OT-15003B	1019	NA	02/04/85	1	DRUM	7	
18331	OT-15724C	1140	NA	03/26/85	1	DRUM	7	
18332	OT-15003A	1019	NA	02/04/85	1	DRUM	7	
18333	OT-15922B	1160	NA	03/26/85	1	DRUM	7	
18334	OT-15922A	1160	NA	03/26/85	1	DRUM	7	
18335	OT-15922C	1160	NA	03/26/85	1	DRUM	7	
18336	NA	NA	NA	/ /	1	DRUM	7	NA

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18337	OT-142190	959	NA	12/05/84	1	DRUM	7	
18338	OT-14219	959	NA	/ /	1	DRUM	7	NA
18339	OT-14219B	959	NA	12/05/84	1	DRUM	7	
18340	OT-14219A	959	NA	12/05/84	1	DRUM	7	
18341	OT-14218A	959	NA	/ /	1	DRUM	7	NA
18342	NA	959	NA	/ /	1	DRUM	7	NA,0000008 20407
18343	OT-14218D	959	NA	/ /	1	DRUM	7	NA
18344	OT-14218C	959	NA	/ /	1	DRUM	7	NA
18345	OT-16021	1162	NA	/ /	1	DRUM	7	NA
18346	OT-16021	1162	NA	/ /	1	DRUM	7	NA
18347	OT-15741	1151	NA	/ /	1	DRUM	7	NA
18348	OT-15741	1151	NA	/ /	1	DRUM	7	NA
18349	OT-15711	NA	NA	/ /	1	DRUM	7	NA
18350	OT-15742	1151	NA	/ /	1	DRUM	7	NA
18351	OT-15741	1151	NA	/ /	1	DRUM	7	NA
18352	OT-15742	1151	NA	/ /	1	DRUM	7	NA
18353	OT-17518C	1309	NA	05/15/85	1	DRUM	7	
18354	OT-17518B	1309	NA	/ /	1	DRUM	7	NA
18355	OT-17518A	1309	NA	/ /	1	DRUM	7	NA
18356	OT-17518D	1309	NA	05/15/85	1	DRUM	7	
18357	O-11531	746	0007	08/27/84	1	DRUM	7	
18358	O-11532	746	NA	08/27/84	1	DRUM	7	
18359	O-11534	746	0007	08/27/84	1	DRUM	7	
18360	O-11533	746	0007	08/27/84	1	DRUM	7	
18361	R-203	MCR	0002	12/10/84	1	DRUM	7	,R
18362	R-199	MCR	NA	05/08/85	1	DRUM	7	
18363	R-201	MCR	0002	12/10/84	1	DRUM	7	,R
18364	R-202	MCR	0002	/ /	1	DRUM	7	NA,R
18365	OT-?	NA	NA	/ /	1	DRUM	7	NA
18366	OT-157240	1140	NA	03/26/85	1	DRUM	7	
18367	OT-15370	1111	NA	/ /	1	DRUM	7	NA
18368	OT-15724F	1140	NA	03/26/85	1	DRUM	7	
18369	OT-19663	1588	NA	08/21/85	1	DRUM	7	
18370	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18371	OT-19662	1587	NA	08/21/85	1	DRUM	7	
18372	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18373	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18374	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18375	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18376	OT-19662	1588	NA	08/21/85	1	DRUM	7	
18377	T-17825	1337	NA	06/22/85	1	DRUM	7	
18378	OT-15742A	1151	NA	/ /	1	DRUM	7	NA
18379	OT-17825	1337	NA	06/22/85	1	DRUM	7	
18380	OT-17825	1337	NA	06/22/85	1	DRUM	7	
18381		628	0041	07/08/84	1	DRUM	7	

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18382		628	0041	06/29/84	1	DRUM	7	
18383		628	0041	07/09/84	1	DRUM	7	
18384		NA	NA	/ /	1	DRUM	7	NA
18385	OT-17789	1342	NA	/ /	1	DRUM	7	NA
18386	OT-17789	1342	NA	01/09/85	1	DRUM	7	
18387	OT-17789	1342	NA	06/22/85	1	DRUM	7	
18388	OT-17789	1342	NA	06/22/85	1	DRUM	7	
18389	OT-15058	1041	NA	/ /	1	DRUM	7	NA
18390	OT-15741	1151	NA	01/09/85	1	DRUM	7	
18391	OT-15058	1041	NA	/ /	1	DRUM	7	NA
18392	OT-15741	1151	NA	01/09/85	1	DRUM	7	
18393	OT-18841D	1491	NA	04/16/84	1	DRUM	6	
18394	OT-18841B	1491	NA	04/16/84	1	DRUM	6	
18395	OT-18841C	1491	NA	04/16/84	1	DRUM	6	
18396	OT-18841A	1491	NA	04/16/84	1	DRUM	6	
18397	OT-9977A	633	NA	06/26/84	1	DRUM	7	
18398	OT-18841E	1491	NA	04/16/84	1	DRUM	7	
18399	OT-16016D	1162	NA	/ /	1	DRUM	7	NA
18400	OT-16016P	1162	NA	/ /	1	DRUM	7	NA
18401	OT-17624	NA	NA	02/03/84	1	DRUM	7	
18402	OT-17624	NA	NA	10/03/84	1	DRUM	7	
18403	OT-17624	NA	NA	02/03/84	1	DRUM	7	
18404	OT-17751	NA	NA	07/04/85	1	DRUM	7	
18405	OT-17751	NA	NA	07/04/85	1	DRUM	7	
18406	OT-17751	NA	NA	07/04/85	1	DRUM	7	
18407	OT-17751	NA	NA	12/07/03	1	DRUM	7	/85
18408	OT-17751	NA	NA	07/04/85	1	DRUM	7	
18409	OT-14328B	960	NA	/ /	1	DRUM	6	NA
18410	OT-11180	711	NA	08/11/84	1	DRUM	7	
18411	OT-14328A	960	NA	/ /	1	DRUM	6	NA
18412	OT-12318	801	NA	08/23/84	1	DRUM	6	
18413	OT-12318	801	NA	/ /	1	DRUM	6	NA
18414	OT-14330A	975	NA	12/13/84	1	DRUM	6	
18415	OT-14330B	975	NA	12/13/84	1	DRUM	6	
18416	OT-12671E	819	NA	09/02/84	1	DRUM	7	
18417	OT-12674C	819	NA	09/12/84	1	DRUM	7	
18418	OT-12674C	819	NA	09/12/84	1	DRUM	7	
18419	OT-12674D	819	NA	09/13/84	1	DRUM	7	
18420	T-13055	857	NA	/ /	1	DRUM	7	NA
18421	OT-13205A	882	NA	11/05/84	1	DRUM	7	
18422	OT-13205B	882	NA	11/05/84	1	DRUM	7	
18423	OT-13589A	920	NA	/ /	1	DRUM	7	NA
18424		856	NA	10/12/84	1	DRUM	6	4
18425	OT-13006D	856	NA	09/14/84	1	DRUM	6	
18425	OT12503B	810		/ /	0			
18426	OT-12503D	810	NA	09/14/84	1	DRUM	6	

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18427	OT-13006C	856	NA	10/12/84	1	DRUM	6	
18428	OT-10093C	644	NA	07/02/84	1	DRUM	7	
18429	OT-12667B	819	NA	09/12/84	1	DRUM	7	
18430	OT-12662A	819	NA	09/12/84	1	DRUM	7	
18431	OT-9977B	633	NA	06/26/84	1	DRUM	7	
18432	OT-19432D	1542	NA	10/21/85	1	DRUM	6	
18433	OT-19432B	1542	NA	10/21/85	1	DRUM	6	
18434	OT-19432F	1542	NA	10/21/85	1	DRUM	6	
18435	OT-19432C	1542	NA	10/21/85	1	DRUM	6	
18436	OT-19434A	1542	NA	10/21/85	1	DRUM	6	
18437	OT-19434B	1542	NA	10/21/85	1	DRUM	6	
18438	OT-19435E	1542	NA	10/21/85	1	DRUM	6	
18439	OT-19434C	1542	NA	10/21/85	1	DRUM	6	
18440	OT-14630C	993	NA	12/26/84	1	DRUM	6	
18441	OT-14630B	993	NA	12/26/84	1	DRUM	6	
18442	OT-15008C	1027	NA	/ /	1	DRUM	6	NA
18443	OT-14630A	993	NA	12/26/84	1	DRUM	6	
18444	OT-15026	1038	NA	/ /	1	DRUM	6	NA
18445	OT-15026	1038	NA	/ /	1	DRUM	6	NA
18446	OT-14989C	1022	NA	01/03/85	1	DRUM	6	
18447	OT-14989B	1022	NA	01/03/85	1	DRUM	6	
18448	O-18519	1438	0029	/ /	1	DRUM	6	NA
18449	O-18530	1439	0029	/ /	1	DRUM	6	NA
18450	O-18526	1438	0029	/ /	1	DRUM	6	NA
18451	O-18518	1438	0029	/ /	1	DRUM	6	NA
18452	O-18437	1420	0073	05/20/85	1	DRUM	3	
18453	O-18435	1420	0073	05/20/85	1	DRUM	3	
18454	O-18434	1420	0073	07/26/85	1	DRUM	3	
18455	O-18436	1420	0073	05/20/85	1	DRUM	3	
18456	OT-14913C	1016	NA	12/15/84	1	DRUM	6	
18457	OT-14913D	1016	NA	10/15/84	1	DRUM	6	
18458	OT-14914A	1016	NA	10/15/84	1	DRUM	6	
18459	NA	1111	NA	/ /	1	DRUM	6	1111
18460	OT-11003B	703	NA	/ /	1	DRUM	6	NA
18461	OT-14913B	1016	NA	10/15/84	1	DRUM	6	
18462	OT-11003-C	703	NA	08/02/84	1	DRUM	6	
18463	OT-14913A	1016	NA	10/15/84	1	DRUM	6	
18464	OT-8692I	545		/ /	0			
18464	OT-8692I	545	NA	04/12/84	1	DRUM	6	
18465	NA	703	NA	06/02/84	1	DRUM	6	
18466	NA	NA	NA	/ /	1	DRUM	6	NA
18467	NA	1018	0017	01/31/84	1	DRUM	6	
18468	OT-15006A	1018	NA	02/04/85	1	DRUM	6	
18469	OT-15004B	1018	NA	02/04/85	1	DRUM	6	
18470	OT-15006B	1018	NA	02/04/85	1	DRUM	6	
18471	NA	1018	NA	02/04/85	1	DRUM	6	

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18472	O-10841	686	0017	/ /	1	DRUM	6	NA
18473	O-10843	686	0017	07/31/84	1	DRUM	6	
18474	O-10842	686	0017	/ /	1	DRUM	6	NA
18475	O-10846	686	0017	07/31/84	1	DRUM	6	
18476	V-028	MCR	0002	03/13/84	1	DRUM	6	
18477	V-026	MCR	0002	02/21/84	1	DRUM	6	
18478	V-027	MCR	0002	03/13/84	1	DRUM	6	
18479	V-029	MCR	0002	03/13/84	1	DRUM	6	
18480	O-10040	637	NA	06/30/84	1	DRUM	6	
18481	O-10071	MCR	0002	07/02/84	1	DRUM	6	
18482	M-6325	313	0126	10/13/83	1	DRUM	6	
18483	R-101	MCR	0002	08/03/84	1	DRUM	6	
18484	O-8851	MCR		/ /	0			
18484	O-8854	MCR	0002	04/30/84	1	DRUM	6	
18485	O-8849	1254	0002	04/30/84	1	DRUM	6	
18486	8847	NA	0002	04/30/84	1	DRUM	6	
18487	NA	NA	NA	/ /	0	DRUM	6	NA
18488	O-11792	768	0065	08/15/84	1	DRUM	6	
18489	O-10824	686	0017	07/31/84	1	DRUM	6	
18490	O-10836	686	0017	07/31/84	1	DRUM	6	
18491	O-10825	686	0017	07/31/84	1	DRUM	3	
18492	O-10843	686	0017	07/31/84	1	DRUM	6	
18493	O-10828	686	0017	07/31/84	1	DRUM	6	
18494	O-10844	686	0017	07/31/84	1	DRUM	6	
18495	O-10827	686	0017	07/31/84	1	DRUM	6	
18496	T-15862	MCR	NA	05/29/85	1	DRUM	6	
18497	OT-14630F	993	NA	12/26/84	1	DRUM	6	
18498	OT-14630G	993	NA	12/26/84	1	DRUM	6	
18499	OT-15058	1041	NA	/ /	1	DRUM	6	NA
18500	NA	NA	NA	01/09/85	1	DRUM	6	,OTILD0006 6721
18501	OT-667212C	NA	NA	01/09/85	1	DRUM	6	
18502	OT-667212D	NA	NA	01/09/85	1	DRUM	6	
18503	OT-10693A	666	NA	01/09/85	1	DRUM	6	
18503	OT-16647	1222		/ /	0			
18504	OT-15737	1149	NA	/ /	1	DRUM	6	NA
18505	OT-15738A	1149	NA	/ /	1	DRUM	6	NA
18506	OT-11721A	NA	NA	/ /	1	DRUM	6	NA
18507	OT-15739	1149	NA	/ /	1	DRUM	6	NA
18508	OT-14660I	980	NA	/ /	1	DRUM	6	NA
18509	OT-14660K	980	NA	/ /	1	DRUM	6	NA
18510	OT-14660J	980	NA	/ /	1	DRUM	6	NA
18511	OT-17787B	1340	NA	/ /	1	DRUM	6	NA
18512	OT-17787	1340	NA	/ /	1	DRUM	6	NA
18513	OT-17787A	1340	NA	/ /	1	DRUM	6	NA
18514	OX-17787	MCR	NA	/ /	1	DRUM	6	NA

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18515	OT-14660F	980	NA	/ /	1	DRUM	6	NA
18516	OT-14660G	980	NA	/ /	1	DRUM	6	NA
18517	OT-14660F	980	NA	/ /	1	DRUM	6	NA
18518	OT-14660H	980	NA	01/09/85	1	DRUM	6	
18519	OT-14660D	980	NA	/ /	1	DRUM	6	NA
18520	OT-14660A	980	NA	/ /	1	DRUM	6	NA
18521	OT-14660C	980	NA	/ /	1	DRUM	6	NA
18522	OT-14660B	980	NA	/ /	1	DRUM	6	NA
18523	OT-16461B	1199	NA	08/02/84	1	DRUM	6	
18524	OT-16461A	1199	NA	08/02/84	1	DRUM	6	
18525	OT-16461C	1199	NA	08/02/84	1	DRUM	6	
18526	OT-16461D	1199	NA	08/02/84	1	DRUM	6	
18527	OT-14629A	976	NA	/ /	1	DRUM	6	NA
18528	OT-14747A	1004	NA	/ /	1	DRUM	6	NA
18529	OT-17588A	1326	0046	/ /	1	DRUM	6	NA
18530	OT-18071A	NA	NA	/ /	1	DRUM	6	NA
18531	O-28451-C	118	0103	02/22/83	1	DRUM	6	
18532	NA	NA	NA	04/27/83	1	DRUM	6	
18533	O-16030?	1167	0002	04/16/85	1	DRUM	6	
18534	NA	NA	NA	/ /	1	DRUM	6	NA
18535	OT-16647A	1222	NA	01/09/85	1	DRUM	6	
18536	OT-16647D	1222	NA	01/09/85	1	DRUM	6	
18537	OT-16648B	1222	NA	01/09/85	1	DRUM	6	
18538	OT-16647C	1222	NA	01/09/85	1	DRUM	6	
18539	OT-7893A	460	NA	01/31/84	1	DRUM	6	
18540	OT-7893B	460	NA	01/31/84	1	DRUM	6	
18541	OT-8578B	525	NA	03/31/84	1	DRUM	6	
18542	OT-8578A	525	NA	03/31/84	1	DRUM	6	
18543	OT-8559B	531	NA	08/27/84	1	DRUM	6	
18544	OT-8559A	531	NA	03/23/84	1	DRUM	6	
18545	OT-8559C	531	NA	03/29/84	1	DRUM	6	
18546		525	NA	03/31/84	1	DRUM	3	
18547	OT-15005E	1018	NA	02/04/85	1	DRUM	6	
18548	OT-11179A	711	NA	08/14/84	1	DRUM	6	
18549	OT-15005D	1018	NA	02/04/85	1	DRUM	6	
18550	OT-11179B	711	NA	08/14/84	1	DRUM	6	
18551	OT-1421D	NA	NA	/ /	1	DRUM	6	NA
18552	OT-14214C	959	NA	12/05/84	1	DRUM	6	
18553		1034	NA	/ /	1	DRUM	6	NA
18554	OT-15106A	1034	NA	/ /	1	DRUM	6	NA
18555	OT-15106C	1034	NA	/ /	1	DRUM	6	NA
18556	OT-15005C	1018	NA	02/04/85	1	DRUM	6	
18556	OT-15106	1034		/ /	0			
18557	OT-15005B	1018	NA	02/04/85	1	DRUM	6	
18558	OT-15005B	1018	NA	02/04/85	1	DRUM	6	
18559	NA	NA	NA	/ /	1	DRUM	6	EMPTY-PUMP EDFROM VAT

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18560	NA	NA	NA	/ /	1	DRUM	6	EMPTY,PUMPED FROMVAT
18561	NA	NA	NA	/ /	1	DRUM	6	EMPTY,PUMPEDFROM VAT
18562	NA	NA	NA	/ /	1	DRUM	6	EMPTY,PUMPED FROMVAT
18563	OT-7073	391	NA	12/01/83	1	DRUM	6	
18564	NA	923	0010	11/20/84	1	DRUM	6	EMPTY
18564	OT-11004C	703		/ /	0			
18565	OT-7075	389	NA	12/19/84	1	DRUM	6	EMPTY
18566	OT-12813	853	NA	10/18/84	1	DRUM	6	EMPTY
18567	NA	NA	NA	08/07/84	1	DRUM	3	EMPTY
18568		NA	NA	02/15/84	1	DRUM	3	
18569		923	NA	/ /	1	DRUM	3	EMPTY
18570		849	NA	10/15/84	1	DRUM	3	TY
18571		NA	0041	/ /	1	DRUM	3	NA EMPTY
18572		NA	NA	12/19/84	1	DRUM	3	Y
18573		NA	NA	12/19/84	1	DRUM	3	4 EMPTY
18574		443	NA	01/04/84	1	DRUM	3	84 EMPTY
18575	NA	NA	NA	08/07/84	1	DRUM	3	EMPTY
18576	NA	NA	NA	03/07/84	1	DRUM	3	EMPTY
18577		NA	NA	02/25/84	1	DRUM	3	Y
18578		NA	NA	12/19/84	1	DRUM	3	4 EMPTY
18579	OT-9432-A	604	NA	06/06/84	1	DRUM	6	
18580	OT-9432-B	604	NA	06/06/84	1	DRUM	6	
18581	NA	959	NA	12/05/84	1	DRUM	6	
18582	OT-14213A	959	NA	12/05/84	1	DRUM	6	
18583	OT-8692E	545	NA	04/12/84	1	DRUM	6	
18584	OT-8692H	545	NA	04/12/84	1	DRUM	6	
18585	OT-8692F	545	NA	04/12/84	1	DRUM	6	
18586	OT-8692G	545	NA	04/12/84	1	DRUM	6	
18587	OT-11179D	711	NA	08/14/84	1	DRUM	6	
18588	OT-11179C	711	NA	10/15/84	1	DRUM	6	
18589	OT-14912A	1016	NA	10/15/84	10	DRUM	6	
18590	OT-14912B	1016	0002	10/15/84	1	DRUM	6	
18591	OT-8692D	545	NA	04/12/84	1	DRUM	6	
18592	OT-8692A	545	NA	04/12/84	1	DRUM	6	
18593	OT-8692C	545	NA	04/12/84	1	DRUM	6	
18594	OT-8692B	545	NA	04/12/84	1	DRUM	6	
18595	OT-20120H	1630	NA	11/21/85	1	DRUM	6	
18596	OT-20120G	1630	NA	11/21/85	1	DRUM	6	
18597	OT-20120E	1630	NA	12/01/85	1	DRUM	6	
18598	OT-20120F	1630	NA	11/21/85	1	DRUM	6	
18599	OT-12597E	815	NA	09/12/84	1	DRUM	6	
18600	OT-12597D	815	NA	09/12/84	1	DRUM	6	
18601	OT-12597B	815	NA	09/12/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
18602	OT-12597C	815	NA	09/12/84	1	DRUM	6	
18603	OT-13203B	882	NA	11/05/84	1	DRUM	6	
18604	OT-13203C	882	NA	11/05/84	1	DRUM	6	
18605	OT-13203A	882	0002	11/05/84	1	DRUM	6	
18606	OT-12597A	815	NA	09/12/84	1	DRUM	6	
18607	NA	NA	NA	08/14/84	1	DRUM	6	,PUMPEDFRO MVT
18608	NA	NA	NA	/ /	1	DRUM	6	NA,PUMPED FROM VAT
18609	NA	NA	NA	08/14/84	1	DRUM	6	,PUMPEDFRO MVT
18610	OT-1088?	711	NA	/ /	1	DRUM	6	NA
18611	OT-7081B	387	NA	11/21/83	1	DRUM	6	
18612	OT-10160B	648	NA	07/06/84	1	DRUM	6	
18613	OT-18043A	1362	NA	06/04/85	1	DRUM	6	
18614	OT-10160A	648	NA	07/06/84	1	DRUM	6	
18615		NA	NA	04/12/84	1	DRUM	6	
18616		NA	NA	04/04/84	1	DRUM	6	4
18617	NA	NA	0002	04/04/84	1	DRUM	6	
18618		NA	NA	04/04/84	1	DRUM	6	
18619	OT-12666A	819	NA	09/12/84	1	DRUM	6	
18620	T-8668B	542	NA	11/11/84	1	DRUM	6	
18621	OT-12317C	801	NA	08/23/84	1	DRUM	6	
18622	OT-12502B	810	NA	09/12/84	1	DRUM	6	
18623	OT-13437	897	NA	08/08/84	1	DRUM	6	
18624	OT-8453	519	NA	03/16/84	1	DRUM	6	.
18625	OT-14326	960	NA	12/14/84	1	DRUM	6	
18626	OT-14326	960	NA	12/11/84	1	DRUM	6	
18627	OT-10347	658	NA	01/06/84	1	DRUM	6	
18628	OT-10921A	697	NA	08/04/84	1	DRUM	6	
18629	OT-11846A	770	NA	09/03/84	1	DRUM	6	
18630	L-1828(W)	MCR	NA	/ /	0	DRUM	6	na
18631	OT-12226	800	NA	08/23/84	1	DRUM	6	
18632	OT-14326	960	NA	12/14/84	1	DRUM	6	
18633	OT-12226	800	NA	08/23/84	1	DRUM	6	
18634	OT-12226	800	NA	08/23/83	1	DRUM	6	
18635	OT-13973	947	NA	12/14/84	1	DRUM	6	
18636	OT-13973	947	NA	12/14/84	1	DRUM	6	
18637	OT-12325	799	NA	12/14/84	1	DRUM	6	
18638	OT-13973	947	NA	12/14/84	1	DRUM	6	
18639	OT-12325	799	NA	08/23/84	1	DRUM	6	
18640	OT-12325	799	NA	08/23/84	1	DRUM	6	
18641	OT-12325	799	NA	08/23/84	1	DRUM	6	
18642	OT-12325	799	NA	08/23/84	1	DRUM	6	
18643	OT-12531A	812	NA	10/07/84	1	DRUM	6	
18644	OT-13006B	856	0002	10/12/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
18645	OT-13006A	856	NA	10/12/84	1	DRUM	6	
18646	OT-12531B	812	NA	10/07/84	1	DRUM	6	
18647	T-14331	975	NA	12/13/84	1	DRUM	6	
18648	OT-14330C	975	NA	12/13/84	1	DRUM	6	
18649	OT-14330D	975	NA	12/13/84	1	DRUM	6	
18650	OT-14330E	975	NA	12/13/84	1	DRUM	6	
18651	OT-8552B	531	NA	03/29/84	1	DRUM	6	
18652	OT-13511B	NA	NA	08/27/84	1	DRUM	6	
18653	NA	NA	NA	08/27/84	1	DRUM	6	,PUMPEDFRO MVT
18654	NA	NA	NA	08/27/84	1	DRUM	6	,PUMPDFROM VAT
18655	O-14210	956	0017	11/20/84	1	DRUM	6	
18656	O-14209	956	0017	11/20/84	1	DRUM	6	
18657	OT-8552A	531	NA	03/29/84	1	DRUM	6	
18658	OT-6261A	335	NA	10/10/83	1	DRUM	6	
18659	OT-11175C	711	NA	08/14/84	1	DRUM	6	
18660	O-13773	923	0010	11/20/84	1	DRUM	6	
18662	M-20001	1627	0003	09/13/85	1	DRUM	7	SOIL
18663	M-20216	1645	0003	09/25/85	1	DRUM	7	SOIL
18664	M-20217	1645	0003	09/25/85	1	DRUM	7	SOIL
18665	M-14553A	978	0002	12/11/84	1	DRUM	7	SOIL
18666	M-21304	1751	0010	01/14/85	1	DRUM	7	SOIL
18667	M-10261A	MCR	0002	08/06/84	1	DRUM	7	DEB
18668	M-14557C	978	0002	12/11/84	1	DRUM	7	DEB
18669	M-14556	978	0002	11/05/84	1	DRUM	7	SOIL
18670	M-14594B	978	0002	12/10/84	1	DRUM	7	DEB
18671	M-14466C	972	0002	11/07/84	1	DRUM	7	SOIL
18672		1005	0002	12/07/84	1	DRUM	7	L
18673	1389B	MCR	0002	11/14/84	1	DRUM	7	SOIL
18674	13389A	MCR	0002	11/14/84	1	DRUM	7	SOIL
18675	M-20002	1627	0021	07/19/85	1	DRUM	7	OD
18676	M-20212	1645	0003	07/19/85	1	DRUM	7	SOIL
18677	M-20016	1627	0021	06/13/85	1	DRUM	7	SOIL
18678	M-20003	1627	0021	06/13/85	1	DRUM	7	SOIL
18679	M-19878	1620	0028	/ /	1	DRUM	8	08--85 OD LIQ
18680	M-19846	1611	0001	08/30/85	1	DRUM	7	SOIL
18681	M-20797	1700	0004	05/01/85	1	DRUM	7	SOIL
18682	M-20815	1700	0004	05/14/85	1	DRUM	7	SOIL
18683	M-20004	1627	0021	05/10/85	1	DRUM	7	TRSH
18684	M-20824	1700	0004	09/14/85	1	DRUM	7	SOIL
18685	M-19833	1611	0001	07/12/85	1	DRUM	7	TRSH
18686	M-20544	1679	0004	07/10/85	1	DRUM	7	SOIL
18687	M-19835	1611	0001	07/26/85	1	DRUM	7	SOIL
18688	M-20809	1700	0004	07/12/85	1	DRUM	7	GRAV

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18689	M-20829	1700	0004	05/01/85	1	DRUM	7	.SOIL
18690	M-20006	1627	0021	05/10/85	1	DRUM	7	DEB
18691	M-20798	1700	0004	05/14/85	1	DRUM	7	DEBWOO
18692	M-20794	1700	0004	05/14/85	1	DRUM	7	SOIL
18693	M-19835	1611	0001	08/30/85	1	DRUM	7	SOIL
18694	M-19838	1611	0004	08/30/84	1	DRUM	7	SOIL
18695	M-20014	1627	0021	06/13/85	1	DRUM	5	SOIL
18696	M-20011	1627	0021	06/06/85	1	DRUM	7	GRAV
18697	M-20210	1645	0003	/ /	1	DRUM	7	NA
18698	M-20214	1645	0003	07/19/85	1	DRUM	7	SOIL
18699	M-20015	1627	0021	06/06/85	1	DRUM	7	TRSH
18700	M-20231	1636	0001	06/10/85	1	DRUM	8	TRSH
18701	M-14594C	978	0002	12/10/84	1	DRUM	7	SOIL
18702	M-11616	761	0002	07/12/84	1	DRUM	7	SOIL
18703	M-19829	1611	0001	09/08/85	1	DRUM	7	SOIL
18704	M-19879	1620	0028	/ /	1	DRUM	7	NA SOIL
18705	M-19834	1611	0001	09/08/85	1	DRUM	7	SOIL
18706	M-19877	1620	0028	09/11/85	1	DRUM	7	SOIL
18707	M-20826	1700	0004	10/04/85	1	DRUM	7	LABPAC
18708	M-19536	1578	0007	10/09/85	1	DRUM	7	GRAV
18709	M-19882	1620	0028	09/11/85	1	DRUM	7	SOIL
18710	M-20827	1700	0004	05/14/85	1	DRUM	7	SOIL
18711	M-19880	1620	0028	/ /	1	DRUM	7	09-85 SOIL
18712	M-20842	1700	0004	05/06/85	1	DRUM	7	SOIL
18713	M-19813	1614	0073	10/16/85	1	DRUM	7	RAGS
18714	M-20825	1700	0004	10/04/85	1	DRUM	7	LAB PAK
18715	M-19829	1611	0138	09/08/85	1	DRUM	7	SOIL
18716	M-19832	1611	0138	09/08/85	1	DRUM	7	- SOIL
18717	M-19856	1611	0138	09/08/85	1	DRUM	7	SOIL
18718	M-19837	1611	0138	09/08/85	1	DRUM	6	SOIL
18719	M-6182	290	0144	03/14/83	1	DRUM	7	SOIL
18720	M-20828	1700	0004	01/04/85	1	DRUM	7	SOIL
18721	M-19876	1620	0021	/ /	1	DRUM	7	06-85 DEBRS
18722	NA	1627	0021	06/06/85	1	DRUM	7	STONE
18723	M-21030	1715	0004	07/25/85	1	DRUM	7	SOIL
18724	M-21029	1715	0004	07/25/85	1	DRUM	7	SOIL
18725	M-21102	1705	0004	07/23/85	1	DRUM	6	
18726	M-21101	1705	0004	07/23/85	1	DRUM	7	SOIL
18727	M-18215	1393	0073	06/18/85	1	DRUM	7	SOIL
18728	M-18216	1393	0073	06/18/85	1	DRUM	7	SOIL
18729		1705	0004	07/23/85	1	DRUM	6	5
18730		1705	0004	07/23/85	1	DRUM	6	
18731	M-21098	1705	0004	07/23/85	1	DRUM	6	
18732	M-21097	1705	0004	07/23/85	1	DRUM	6	
18733	M-21146	1705	0004	07/23/85	1	DRUM	6	

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18734	M-21129	1705	0004	07/23/85	1	DRUM	6	
18735	O-21148	1705	0004	07/23/85	1	DRUM	6	
18736	M-21147	1705	0004	07/23/85	1	DRUM	6	
18737	M-21100	1705	0004	07/23/85	1	DRUM	6	
18738	M-21099	1705	0004	07/23/85	1	DRUM	6	
18739	M-21108	1705	0004	07/22/85	1	DRUM	6	
18740	NA	1705	0004	07/23/85	1	DRUM	6	
18741	M-18221	1393	0073	06/28/85	1	DRUM	7	SOIL
18742	M-18220	1393	0073	06/13/85	1	DRUM	7	SOIL
18743	M-21103	1705	0004	07/23/85	1	DRUM	6	
18744	M-21104	1705	0004	07/23/85	1	DRUM	6	
18745	M-20804	1700	na	/ /	0	DRUM	6	na
18746		1716	0004	03/03/85	1	DRUM	6	
18747	M-21150	1705	0004	07/23/85	1	DRUM	6	
18748	M-21149	1705	0004	07/23/85	1	DRUM	6	
18749	M-21301	1751	0010	12/18/85	1	DRUM	7	RAGS
18750	20850	MCR	0002	12/19/85	1	DRUM	7	RY
18751	M-21059	1715	0004	07/23/85	1	DRUM	6	
18752	M-21060	1715	0004	07/25/85	1	DRUM	7	SOIL
18753	M-99005	NA	0002	09/28/85	1	DRUM	6	TRSH
18754	M-19077	NA	0002	10/09/85	1	DRUM	6	TRSH
18755	M-21776	MCR	0002	02/20/86	1	DRUM	7	TRSH
18756	NA	NA	0002	07/15/85	1	DRUM	7	FLTR
18757	M-17715	MCR	0002	07/05/85	1	DRUM	6	
18758	M-19558	1583	0138	09/22/85	1	DRUM	6	
18759	19729	NA	0002	11/12/85	1	DRUM	7	OILDRY
18760	M-20848	NA	0002	12/19/85	1	DRUM	6	
18761	M-18927	NA	0002	09/12/85	1	DRUM	6	
18762	M-20858	NA	0002	12/19/85	1	DRUM	6	ODFLTR
18763	M-19431	1553	0108	10/30/85	1	DRUM	6	
18764	M-18928	NA	0002	08/31/00	1	DRUM	6	
18764	M-21038	1716		/ /	0			
18765	M-21061	1715	0004	07/25/85	1	DRUM	7	SOIL
18766	M-21062	1715	0004	07/25/85	1	DRUM	6	
18767	M-21300	1751	0010	05/23/85	2	DRUM	7	SOIL
18768	M-21302	1751	0010	12/18/85	1	DRUM	7	SOIL
18769	M-21152	1705	0004	07/23/85	1	DRUM	6	
18770	M-21151	1705	0004	07/23/85	1	DRUM	6	
18771	M-19573	1583	0001	09/22/85	1	DRUM	6	
18772	NA	NA	0002	12/19/85	1	DRUM	6	
18773	19137	NA	0002	10/14/85	1	DRUM	7	OD
18774	M-20852	NA	0002	12/19/85	1	DRUM	6	
18775	M-18191	1391	0001	08/07/85	1	DRUM	7	SAND
18776	M-18974	NA	0002	09/26/85	1	DRUM	6	
18777	M-20242	1636	0149	08/14/85	1	DRUM	7	DEB
18778	M-20241	1636	0149	08/14/85	1	DRUM	7	TRSH

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18779	M-20240	1636	0149	08/14/85	2	DRUM	7	DEB
18780	M-20239	1636	0149	08/14/85	2	DRUM	7	DEB
18781	20859	NA	0002	12/19/85	1	DRUM	7	TRSH
18782	M-17749	MCR	0002	07/05/85	1	DRUM	6	
18783	18990	NA	0002	09/26/85	1	DRUM	7	SOIL
18784	M-19173	NA	0002	09/30/00	1	DRUM	6	
18785	M-19179	NA	0002	10/15/85	1	DRUM	6	
18786	M-18737	NA	0002	09/14/85	1	DRUM	6	
18787	OT-19433E	1542	NA	10/21/85	1	DRUM	6	
18788	OT-19433D	1542	NA	10/21/85	1	DRUM	6	
18789	OT-15725	1140	NA	03/06/85	1	DRUM	6	
18790	OT-15013	1037	NA	04/06/85	1	DRUM	6	
18791	OT-17292	1273	NA	05/02/85	1	DRUM	6	
18792	OT-15297	1085	NA	01/15/85	1	DRUM	6	
18793	OT-17518	1309	NA	05/15/85	1	DRUM	6	-
18794	OT-16017	1162	NA	04/01/85	1	DRUM	6	
18795	OT-17291	1273	NA	05/02/85	1	DRUM	6	
18796	OT-16156	1185	NA	/ /	1	DRUM	6	NA
18797	OT-17292B	1273	NA	05/02/84	1	DRUM	6	
18798	OT-15293	1085	NA	01/15/85	1	DRUM	6	
18799	OT-15296	1085	NA	01/15/85	1	DRUM	6	
18800	OT-14995	1019	NA	02/04/85	1	DRUM	6	
18801	OT-18653A	1479	NA	05/31/00	1	DRUM	6	
18802	OT-18653B	1479	NA	/ /	1	DRUM	6	NA
18803	OT-18640C	1464	NA	/ /	1	DRUM	6	NA
18804	OT-18640D	1464	NA	06/30/00	1	DRUM	6	
18805	OT-18640	1464	NA	06/30/00	1	DRUM	6	
18806	OT-18640	1464	NA	/ /	1	DRUM	6	NA
18807	OT-18641	1464	NA	06/30/00	1	DRUM	6	
18808	OT-18641	1464	NA	/ /	1	DRUM	6	NA
18809	OT-12670A	819	NA	09/12/84	1	DRUM	6	
18810	OT-18641	1464	NA	06/30/00	1	DRUM	6	
18811	OT-11844A	770	NA	03/08/84	1	DRUM	6	
18812	OT-12671A	819	NA	09/12/84	1	DRUM	6	
18813	OT-15230B	1074	NA	03/24/84	1	DRUM	6	
18814	OT-13407	891	NA	11/16/84	1	DRUM	6	
18815	OT-15230A	1074	NA	03/24/84	1	DRUM	6	
18816	OT-13410	891	NA	07/18/84	1	DRUM	6	
18817	OT-13574A	919	NA	01/23/84	1	DRUM	6	
18818	OT-13575A	919	NA	01/23/84	1	DRUM	6	
18819	OT-13575C	919	NA	01/23/84	1	DRUM	6	
18820	OT-13575B	919	NA	01/23/84	1	DRUM	6	
18821	OT-15230	1074	NA	/ /	1	DRUM	6	NA
18822	OT-13440	897	NA	04/27/84	1	DRUM	6	
18823	OT-15230	1074	NA	/ /	1	DRUM	6	NA
18824	OT-13573E	919	NA	01/23/84	1	DRUM	6	

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18825	OT-13574B	919	NA	01/23/84	1	DRUM	6	
18826	OT-13576A	919	NA	01/23/84	1	DRUM	6	
18827	OT-13577B	919	NA	01/23/84	1	DRUM	6	
18828	OT-13577A	919	NA	01/23/84	1	DRUM	6	
18829	OT-1357D	919	NA	01/23/84	1	DRUM	6	
18830	OT-13573A	919	NA	01/23/84	1	DRUM	6	
18831	OT-13573C	919	NA	01/23/84	1	DRUM	6	
18832	OT-13573B	919	NA	01/23/84	1	DRUM	6	
18833	OT-14631	993	NA	12/26/84	1	DRUM	6	
18834	OT-14631B	993	0143	12/26/84	1	DRUM	6	
18835	OT-14631D	993	0143	12/26/84	1	DRUM	6	
18836	OT-14631C	993	0143	12/26/84	1	DRUM	6	
18837	OT-13578C	919	NA	01/23/84	1	DRUM	6	
18838	OT-13578	919	NA	01/23/84	1	DRUM	6	
18839	OT-14215D	959	NA	/ /	1	DRUM	6	NA
18840	OT-13578A	919	NA	01/27/84	1	DRUM	6	
18841	OT-14631E	993	NA	12/26/84	1	DRUM	6	
18842	OT-14215C	959	NA	12/05/84	1	DRUM	6	
18843	OT-14215B	959	NA	12/05/84	1	DRUM	6	
18844	OT-14215A	959	NA	12/05/84	1	DRUM	6	
18845	OT-12804A	810	NA	10/18/84	1	DRUM	6	
18846	OT-12000A	780	NA	09/14/84	1	DRUM	6	
18847	OT-11000-A	703	NA	07/24/84	1	DRUM	6	
18848	OT-10919-A	697	NA	08/04/84	1	DRUM	6	
18849	OT-542	NA	0002	05/08/85	1	DRUM	6	
18850	O-20019	1629	0021	05/23/85	1	DRUM	6	
18851	NA	NA	NA	/ /	1	DRUM	6	NA
18852	O-20200	1645	0003	10/28/85	1	DRUM	6	
18853	OT-14327B	960	NA	12/14/84	1	DRUM	6	
18854	OT-14327A	960	NA	/ /	1	DRUM	6	NA
18855	OT-14327C	960	NA	/ /	1	DRUM	6	NA
18856	OT-14327D	960	NA	/ /	1	DRUM	6	NA
18857	T-15580	1128	NA	01/21/85	1	DRUM	6	
18858	OX-557	MCR	0002	05/22/85	1	DRUM	6	
18859	OX-548	MCR	0002	05/13/85	1	DRUM	6	
18860	LC-13113	868	0157	03/24/84	1	DRUM	6	
18861	LC-20268	1637	0010	/ /	1	DRUM	6	NA SOIL
18862	LC-20267	1637	0149	/ /	1	DRUM	6	1637
18863	LC-20269	1637	0010	05/14/85	1	DRUM	6	OD
18864	LC-20270	1637	0010	/ /	1	DRUM	6	NA
18865	O-20470	1659	0015	12/03/85	1	DRUM	6	
18866	O-20469	1659	0015	12/03/85	1	DRUM	6	
18867	O-20464	1651	0015	10/23/85	1	DRUM	6	
18868	O-20468	1659	0015	12/02/85	1	DRUM	6	
18869	O-19273	1537	0054	06/25/85	1	DRUM	6	
18870	NA	1559	0054	10/09/85	1	DRUM	6	

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18871	O-19440	NA	0002	10/30/85	1	DRUM	6	
18872	O-19941	1603	0002	10/30/85	1	DRUM	6	
18873	LC-20889	1709	0063	11/15/85	1	DRUM	6	
18874	LC-20892	1709	0063	/ /	1	DRUM	6	NA
18875	LC-20890	1709	0063	07/08/85	1	DRUM	6	
18876	LC-20891	1709	0063	/ /	1	DRUM	6	-85
18877	O-19497	1574	0007	08/08/85	1	DRUM	6	
18878	M-19537	1578	0007	08/08/85	1	DRUM	3	TRSH
18879	O-19498	1574	0007	10/08/85	1	DRUM	6	
18880	O-19496	1574	0007	10/08/85	1	DRUM	6	
18881	O-19575	1582	NA	09/22/85	1	DRUM	6	
18882	O-19574	1582	NA	/ /	1	DRUM	6	NA
18883	O-19528	1574	0007	08/06/85	1	DRUM	6	
18884	O-19791	1607	0153	07/24/85	1	DRUM	6	
18885	LC-19786	1600	0001	09/30/85	1	DRUM	6	
18886	M-19780	1597	0001	11/04/85	1	DRUM	3	TRSH
18887	M-19781	1597	0001	09/12/85	1	DRUM	3	
18888	M-19782	1597	0001	09/14/85	1	DRUM	3	TRSH
18889	LC-19700	1573	0160	07/28/85	1	DRUM	6	SHRCOR
18890	C-19463	1558	0158	06/13/85	1	DRUM	6	
18891	C-19705	1570	0159	07/25/85	1	DRUM	6	
18892	C-1970	1570	0159	07/13/84	1	DRUM	3	
18893	O-20454	1654	0015	11/26/85	1	DRUM	6	
18894	O-20455	1654	0015	11/26/85	1	DRUM	6	
18895	O-20454	1654	0015	11/26/85	1	DRUM	6	
18896	O-20456	1654	0015	11/26/85	1	DRUM	6	
18897	M-19783	1597	0001	10/22/85	1	DRUM	3	TRSH
18898	O-19775	1598	0001	11/04/85	1	DRUM	6	
18899	M-19784	1597	0001	09/13/85	1	DRUM	3	TRSH
18900	O-19774	1598	0001	09/16/85	1	DRUM	6	
18901	OT-11175B	711	NA	08/14/84	1	DRUM	6	
18902	OT-11175A	711	NA	07/14/84	1	DRUM	6	
18903	OT-8558	NA	NA	/ /	1	DRUM	6	NA
18904	OT-8558C	531	NA	03/29/84	1	DRUM	6	
18905	OT-8558A	531	NA	03/29/84	1	DRUM	6	
18906	OT-8558B	531	NA	03/29/84	1	DRUM	6	
18907	NA	NA	NA	08/27/84	1	DRUM	6	
18908	OX-131	MCR	NA	08/27/84	1	DRUM	6	
18909	OX-132	MCR	NA	01/28/84	1	DRUM	6	
18910	NA	NA	NA	08/14/84	1	DRUM	6	
18911	OT-12317	801	NA	/ /	1	DRUM	6	NA
18912	OT-14328D	960	NA	12/14/84	1	DRUM	6	
18913	OT-14324B	960	NA	12/14/84	1	DRUM	6	
18914	OT-12530C	812	NA	12/14/84	1	DRUM	6	
18915	OT-13974B	947	NA	08/12/84	1	DRUM	6	
18916	OT-13974C	947	NA	08/12/84	1	DRUM	6	

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18917	OT-13974A	947	NA	08/12/84	1	DRUM	6	
18918	OT-13974D	947	NA	08/12/84	1	DRUM	6	
18919	OT-13069A	861	NA	07/15/84	1	DRUM	6	
18920	OT-10998A	703	NA	08/07/84	1	DRUM	6	
18921	OT-11005	703	NA	08/07/84	1	DRUM	6	
18922	OT-11050A	699	NA	08/08/84	1	DRUM	6	
18923	NA	NA	NA	/ /	1	DRUM	6	NA,4214000 25218
18924	OT-12179	793	NA	09/06/84	1	DRUM	6	
18925	OT-10998B	703	NA	12/26/84	1	DRUM	6	
18926	OT-10312	653	NA	07/11/84	1	DRUM	6	
18927	NA	NA	NA	08/25/84	1	DRUM	6	
18928	NA	NA	NA	08/25/84	1	DRUM	6	
18929	OT-12530B	812	NA	10/09/84	1	DRUM	6	
18930	OT-12317B	801	NA	08/23/84	1	DRUM	6	
18931	OT-18138A	1395	NA	06/05/85	1	DRUM	6	
18932	OT-18141D	1395	NA	08/02/85	1	DRUM	6	
18933	OT-18141C	1395	NA	08/02/85	1	DRUM	6	
18934	OT-18185C	1390	NA	/ /	1	DRUM	6	NA
18935	OT-18185B	1390	NA	/ /	1	DRUM	6	NA
18936	OT-18138A	1395	NA	06/05/85	1	DRUM	6	
18937	OT-11509-3	743	NA	08/25/84	1	DRUM	6	
18938	OT-11509-2	743	NA	08/25/84	1	DRUM	6	
18939	OT-13205C	882	NA	/ /	1	DRUM	6	NA
18940	OT-12317A	801	NA	08/23/84	1	DRUM	6	
18941	OT-18042A	1362	NA	06/04/85	1	DRUM	6	
18942	OT-18148A	1395	NA	07/28/85	1	DRUM	6	
18943	OT-18141E	1395	NA	08/02/85	1	DRUM	6	
18944	OT-18141B	1395	NA	08/02/85	1	DRUM	6	
18945	OT-18185D	1390	NA	/ /	1	DRUM	6	NA
18946	V-142	MCR	NA	12/17/85	1	DRUM	6	
18947	OT-20666-B	1695	NA	12/05/85	1	DRUM	6	
18948	OT-20666-A	1695	NA	12/03/85	1	DRUM	6	
18949	OT-18642	1465	NA	/ /	1	DRUM	6	NA
18950	OT-15725A	1140	NA	03/26/85	1	DRUM	6	
18951	OT-15723A	1140	NA	03/26/85	1	DRUM	6	
18952	OT-15725B	1140	NA	03/26/85	1	DRUM	6	
18953	OT-15725C	1140	NA	03/26/85	1	DRUM	6	
18954	OT-7077	389	NA	12/19/84	1	DRUM	6	
18955	OT-14630E	993	NA	12/26/84	1	DRUM	6	
18956	OT-15026C	1038	NA	/ /	1	DRUM	6	NA
18957	NA	NA	NA	/ /	1	DRUM	6	BLANK
18958	OT-17824B	1337	NA	08/28/85	1	DRUM	6	
18959	OT-17824A	1337	NA	06/28/85	1	DRUM	6	
18960	OT-17824D	1337	NA	06/28/85	1	DRUM	6	
18961	OT-17824C	1337	NA	06/28/85	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
18962	OT-14214B	959	NA	/ /	1	DRUM	6	NA
18963	OT-14989A	1022	NA	01/03/85	1	DRUM	6	
18964	OT-16016E	1162	NA	04/05/85	1	DRUM	6	
18965	OT-14214A	947	NA	/ /	1	DRUM	6	NA
18966	NA	NA	NA	07/02/84	1	DRUM	6	PUMPD FROMVAT
18967	NA	NA	NA	07/02/84	1	DRUM	6	PUMPD FROM VAT
18968	NA	NA	NA	07/02/84	1	DRUM	6	PUMPD FROM VAT
18969	NA	NA	NA	08/02/84	1	DRUM	6	PUMPD FROM VAT
18970	OT-16020D	1162	NA	09/20/84	1	DRUM	6	
18971	OT-16020C	1162	NA	09/20/84	1	DRUM	6	
18972	OT-16020A	1162	NA	09/20/84	1	DRUM	6	
18973	OT-16020B	1162	NA	09/20/84	1	DRUM	6	
18974	OT18926-26	1503	NA	09/30/85	1	DRUM	6	
18975	OT18926-28	1503	NA	09/30/85	1	DRUM	6	
18976	OT18926-25	1503	NA	09/30/85	1	DRUM	6	
18977	OT18926-27	1503	NA	09/30/85	1	DRUM	6	
18978	OT-10991A	702	NA	11/07/83	1	DRUM	6	
18979	OT-13206A	882	NA	11/05/84	1	DRUM	6	
18980	OT-13206B	882	NA	/ /	1	DRUM	6	NA
18981	OT-14989	1022	NA	01/03/85	1	DRUM	6	
18982	OT-18662B	1469	NA	/ /	1	DRUM	6	NA
18983	OT-18662-A	1469	NA	/ /	1	DRUM	6	NA
18984	OT-14218	959	NA	11/30/00	1	DRUM	6	
18985	OT-16071-E	1186	NA	04/01/85	1	DRUM	6	
18986	OT-16071-D	1186	NA	/ /	1	DRUM	6	NA
18987	OT-16071-F	1186	NA	04/01/85	1	DRUM	6	
18988	OT-16071-C	1186	NA	04/01/85	1	DRUM	6	
18989	OT-15005	1018	NA	/ /	1	DRUM	6	NA
18990	OT-17706	1345	NA	06/27/85	1	DRUM	6	
18991	NA	NA	NA	/ /	1	DRUM	6	NA
18992	OT-12317	801	NA	/ /	1	DRUM	6	NA
18993	OT-17294A	1273	NA	04/17/85	1	DRUM	6	
18994	OT-17294B	1273	NA	04/17/85	1	DRUM	6	
18995	OT-17294C	1273	NA	/ /	1	DRUM	6	NA
18996	NA	NA	NA	/ /	1	DRUM	6	NA
18997	OT-16073A	1186	NA	04/01/85	1	DRUM	6	
18998	OT-14914A	1016	NA	10/15/84	1	DRUM	6	
18999	OT-14426A	976	NA	11/08/84	1	DRUM	6	
19000	OT-14328A	960	NA	/ /	1	DRUM	6	NA
19001	OT-16020B	1162	NA	04/02/85	1	DRUM	6	
19002	OT-16020C	1162	NA	/ /	1	DRUM	6	NA
19003	OT-16020A	1162	NA	04/02/85	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19004	OT-16161A	NA	NA	/ /	1	DRUM	6	NA
19005	OT-17825C	1337	NA	07/02/85	1	DRUM	6	
19006	OT-15134	NA	NA	11/06/84	1	DRUM	6	
19007	OT-18134A	1399	NA	11/06/84	1	DRUM	6	
19008	OT-18134B	1399	NA	11/06/84	1	DRUM	6	
19009	OT-18134F	1399	NA	11/08/85	1	DRUM	6	
19010	OT-18134G	1399	NA	11/06/85	1	DRUM	6	
19011	OT-18134E	1399	NA	11/06/84	1	DRUM	6	
19012	OT-18134C	1399	NA	11/06/85	1	DRUM	6	
19013	O-6480	344	0017	10/18/83	1	DRUM	6	
19014	O-9201	MCR	0002	05/24/84	1	DRUM	6	
19015	O-9203	NA	0002	05/24/84	1	DRUM	6	
19016	O-9202	MCR	0002	05/24/84	1	DRUM	6	
19017	OT-15059H	1041	NA	02/11/85	1	DRUM	6	
19018		NA	NA	02/11/85	1	DRUM	6	5
19019	OT-15059F	1041	NA	02/11/85	1	DRUM	6	
19020	OT-15059G	1041	NA	02/11/85	1	DRUM	6	
19021	OT-15059C	1041	NA	03/03/85	1	DRUM	6	
19022	OT-15059B	1041	NA	02/11/85	1	DRUM	6	
19023	OT-15059D	1041	NA	02/11/85	1	DRUM	6	
19024	OT-15059A	1041	NA	/ /	1	DRUM	6	NA
19025	OT-17624A	MCR	NA	06/25/85	1	DRUM	6	
19026	OT-17624B	NA	NA	/ /	1	DRUM	6	NA
19027	OT-17624D	NA	NA	/ /	1	DRUM	6	NA
19028	OT-17624C	NA	NA	/ /	1	DRUM	6	NA
19029	OT-11178C	711	NA	08/14/84	1	DRUM	6	
19030	OT-11178A	711	NA	08/11/84	1	DRUM	6	
19031	OT-11178B	711	NA	08/14/84	1	DRUM	6	
19032	OT-11176E	711	NA	/ /	1	DRUM	6	NA
19033	NA	NA	NA	07/12/84	1	DRUM	6	PUMPDFROMV AT
19034	OT-16079	1187	NA	07/12/84	1	DRUM	6	PUMPD FROMVAT
19034	T-16079	1187		/ /	0			PT1129,E32 9
19035	NA	NA	NA	07/12/84	1	DRUM	6	PUMPD FROMVAT
19036	NA	NA	NA	07/12/84	1	DRUM	6	PUMPD FROMVAT
19037	NA	NA	NA	09/12/84	1	DRUM	6	PUMPD FROMVAT
19038	NA	NA	NA	09/12/84	1	DRUM	6	PUMPD FROMVAT
19039	NA	NA	NA	09/12/84	1	DRUM	6	PUMPDFROM VAT
19040	NA	NA	NA	09/12/84	1	DRUM	6	PUMPD FROMVAT

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19041	OT-3488	4183	NA	04/13/84	1	DRUM	6	
19042	NA	NA	NA	12/19/84	1	DRUM	6	
19043	NA	NA	0002	12/19/84	1	DRUM	6	
19044	NA	NA	NA	12/01/84	1	DRUM	6	
19045	OT-16882	1252	NA	10/04/85	1	DRUM	6	
19046	OT-16024	1163	NA	09/20/84	1	DRUM	6	
19047	OT-14998	1019	NA	02/04/85	1	DRUM	6	
19048	OT-15295	1085	NA	01/15/85	1	DRUM	6	
19049	OT-17992	1364	NA	05/20/85	1	DRUM	6	
19050	OT-19433	1542	NA	10/21/85	1	DRUM	6	
19051	OT-18500	1435	NA	09/06/85	1	DRUM	6	
19052	OT-18312	1431	NA	07/23/85	1	DRUM	6	
19053	VD-11-122	MCR	0002	10/11/85	1	DRUM	6	
19054	VD-111-128	MCR	0002	10/11/85	1	DRUM	6	
19055	OT-18149A	1395	NA	/ /	1	DRUM	6	NA
19056	OT-18149B	1395	NA	06/20/84	1	DRUM	6	
19057	OT-18639A	1464	NA	/ /	1	DRUM	6	NA
19058	OT-18639C	1464	NA	08/05/85	1	DRUM	6	
19059	OT-18639B	1464	NA	08/05/85	1	DRUM	6	
19060	OT-18639D	1464	NA	08/05/85	1	DRUM	6	
19061	VD-111-125	MCR	0002	10/11/85	1	DRUM	6	
19062	VD-111-127	MCR	0002	10/11/85	1	DRUM	6	
19063	VD-123	MCR	0002	10/11/85	1	DRUM	6	
19064	VD-111-126	MCR	0002	10/11/85	1	DRUM	6	
19065	OT-18642	1465	NA	/ /	1	DRUM	6	NA
19066	OT-18642A	1465	NA	/ /	1	DRUM	6	NA
19067	OT-10989A	701	NA	08/04/84	1	DRUM	6	
19068	OT-18642C	1465	NA	/ /	1	DRUM	6	NA
19069	O-5392	250	NA	/ /	1	DRUM	6	NA
19070	OT-11366	715	NA	08/18/84	1	DRUM	6	
19071	OT-15371	1111	NA	05/15/70	1	DRUM	6	
19072	O-13460	899	NA	/ /	1	DRUM	6	NA
19073	OT-15580A	1128	NA	/ /	1	DRUM	6	NA
19074	OT-15003E	1019	NA	02/11/85	1	DRUM	6	
19075	OT-15003B	1019	NA	/ /	1	DRUM	6	NA
19076	OT-15003C	1019	NA	02/04/85	1	DRUM	6	
19077	OT-17538B	1316	NA	05/19/85	1	DRUM	6	
19078	OT-17538D	1316	NA	05/10/85	1	DRUM	6	
19079	OT-17538C	1316	NA	06/19/85	1	DRUM	6	
19080	OT-17538A	1316	NA	09/19/85	1	DRUM	6	
19081	OT-15059E	1041		/ /	0			
19081	OT-17537A	1316	NA	06/19/85	1	DRUM	6	
19082	OT-17537B	1316	NA	06/19/85	1	DRUM	6	
19083	OT-17537C	1316	NA	/ /	1	DRUM	6	NA
19084	OT-17537D	1316	NA	06/19/85	1	DRUM	6	
19085	OT-14329A	975	NA	12/13/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19086	OT-14329B	975	NA	02/13/84	1	DRUM	6	
19087	NA	NA	NA	12/12/84	1	DRUM	6	PUMPDFROMV AT
19088	NA	NA	NA	12/12/84	1	DRUM	6	PUMPDFROMV AT
19089	OT-16071B	1186	NA	04/01/85	1	DRUM	6	
19090	OT-17751	NA	NA	/ /	1	DRUM	6	NA
19091	OT-16071C	1186	NA	04/01/85	1	DRUM	6	
19092	OT-17751B	NA	NA	/ /	1	DRUM	6	NA
19093	OT-15013C	1037	NA	12/04/84	1	DRUM	6	
19094	OT-15013B	1037	NA	12/04/84	1	DRUM	6	
19095	OT-15013A	1037	NA	12/04/84	1	DRUM	6	
19096	OT-15922B	1160	NA	03/04/85	1	DRUM	6	
19097	NA	NA	NA	01/21/85	1	DRUM	6	
19098	OT-15028	1028	NA	12/27/84	1	DRUM	6	
19099	OT-15912A	1166	NA	03/04/85	1	DRUM	6	
19100	OT-15582	1128	NA	01/21/85	1	DRUM	6	
19101	OT-10092D	644	NA	07/02/84	1	DRUM	6	
19102	OT-12323	799	NA	03/10/84	1	DRUM	6	
19103	OT-8377-3	495	NA	03/10/84	1	DRUM	6	
19104	OT-8377-2	495	NA	/ /	1	DRUM	6	033-10-84
19105	NA	NA	NA	03/10/84	1	DRUM	6	
19106	OT-12767	826	NA	10/04/84	1	DRUM	6	
19107	NA	NA	NA	03/10/84	1	DRUM	6	
19108	NA	NA	NA	03/10/84	1	DRUM	6	84
19109	OT-19674B	1586	NA	11/06/85	1	DRUM	6	
19110	OT-19674C	1586	NA	11/06/85	1	DRUM	6	
19111	OT-19674A	1586	NA	01/06/85	1	DRUM	6	
19112	OT-19674D	1586	NA	11/06/85	1	DRUM	6	
19113	OT-9435B	602	NA	06/06/84	1	DRUM	6	
19114	T-91135A	602	NA	06/06/84	1	DRUM	6	
19115	NA	NA	NA	/ /	1	DRUM	6	NA
19116	OT-11595	747	NA	07/16/84	1	DRUM	6	
19117	97422	1290	NA	06/11/85	1	DRUM	6	
19118	OT-16018	1162	NA	/ /	0	DRUM	6	NA
19119	OT-16199	NA	NA	/ /	0	DRUM	6	NA
19120	OT-17291B	1273	NA	04/23/85	1	DRUM	6	
19121	OT-13206B	882	NA	11/05/84	1	DRUM	6	
19122	OT-13589B	920	NA	/ /	1	DRUM	6	NA
19123	OT-13206A	882	NA	11/05/84	1	DRUM	6	
19124	OT-13206C	882	NA	11/05/84	1	DRUM	6	
19125	OT-11180C	711	NA	08/14/84	1	DRUM	6	
19126	OT-11180B	711	NA	08/14/84	1	DRUM	6	
19127	OT-11509-1	743	NA	08/25/84	1	DRUM	6	
19128	OT-11180D	711	NA	08/14/84	1	DRUM	6	
19129	OT-12323	799	NA	08/23/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19130	OT-12323	799	NA	08/23/84	1	DRUM	6	
19131	OT-12323	799	NA	09/23/84	1	DRUM	6	
19132		799	NA	08/23/84	1	DRUM	6	
19133	OT-16973	1262	NA	03/05/85	1	DRUM	6	
19134	OT-16953	NA	NA	05/05/85	1	DRUM	6	
19135	OT-16973	1262	NA	03/05/85	1	DRUM	6	
19136	OT-16973	1262	NA	03/05/85	1	DRUM	6	
19137	OT-12324	799	NA	08/23/84	1	DRUM	6	
19138	OT-12324	799	NA	08/23/84	1	DRUM	6	
19139	OT-12324	799	NA	08/23/85	1	DRUM	6	
19140	OT-12734	799	NA	04/23/86	1	DRUM	6	
19141	OT-18653	1479	NA	/ /	1	DRUM	6	NA
19142	OT-18639	1464	NA	05/31/00	1	DRUM	6	
19143	OT-18653	1479	NA	05/31/00	1	DRUM	6	
19144	18639	NA	NA	05/31/00	1	DRUM	6	
19145	CT-11669-A	MCR	NA	01/15/84	1	DRUM	6	
19146	OT-11667C	NA	NA	/ /	1	DRUM	6	NA
19147	OT-12003	780	NA	09/14/84	1	DRUM	6	
19148	OT-11669B	760	NA	/ /	1	DRUM	6	NA
19149	T-11603C	755	NA	08/26/84	1	DRUM	6	
19150	T-11603	755	NA	08/26/84	1	DRUM	6	
19151	T-11603B	755	NA	08/26/84	1	DRUM	6	
19152	T-11603A	755	NA	08/26/84	1	DRUM	6	
19153	OT-10892B	644	NA	07/02/84	1	DRUM	6	
19154	OT-13973	947	NA	12/14/84	1	DRUM	6	
19155	OT-10092A	644	NA	07/02/84	1	DRUM	6	
19156	OT-10092C	644	NA	07/02/84	1	DRUM	6	
19157	OT-125010	810	NA	09/17/84	1	DRUM	6	
19158	OT-125010	810	NA	01/17/84	1	DRUM	6	
19159	OT-12501A	810	NA	07/20/85	1	DRUM	6	
19160	OT-12501B	810	NA	09/17/84	1	DRUM	6	
19161	OT-14650C	982	NA	12/14/84	1	DRUM	6	
19162	OT-11508	743	NA	12/14/84	1	DRUM	6	
19163	OT-9635C	614A	NA	06/12/84	1	DRUM	6	
19164	OT-14650D	982	NA	12/14/84	1	DRUM	6	
19165	NA	NA	NA	/ /	1	DRUM	6	NA
19166	OT-14628	990	NA	12/18/84	1	DRUM	6	
19167	OT-12845	853	NA	10/18/84	1	DRUM	6	
19168	OT-12828	853	NA	10/18/84	1	DRUM	6	
19169	OT-12226	809	NA	08/23/84	1	DRUM	6	
19170	OT-12315	801	NA	08/23/84	1	DRUM	6	
19171	OT-12315	801	NA	08/23/84	1	DRUM	6	
19172	OT-12315	801	NA	08/23/84	1	DRUM	6	
19173	O-8160	483	NA	02/28/84	1	DRUM	6	
19174	OT-12532B	812	NA	10/09/84	1	DRUM	6	
19175	OT-12537C	NA	NA	10/09/84	1	DRUM	6	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19176	OT-12532A	812	NA	10/09/84	1	DRUM	6	
19177	OT-12504B	810	NA	09/17/84	1	DRUM	6	
19178	OT-12504A	810	NA	09/17/84	1	DRUM	6	
19179	OT-12504C	810	NA	09/17/84	1	DRUM	6	
19180	OT-12504D	810	NA	09/17/84	1	DRUM	6	
19181	OT-12316	801	NA	09/25/84	1	DRUM	6	
19182	OT-14330F	975	NA	12/13/84	1	DRUM	6	
19183	OT-12531	812	NA	10/07/84	1	DRUM	6	
19184	OT-19432A	1542	NA	10/21/85	1	DRUM	6	
19185	OT-19433F	1542	NA	10/21/85	1	DRUM	6	
19186	OT-13206D	882	NA	11/05/84	1	DRUM	6	
19187	O-20203	1645	0003	10/02/85	1	DRUM	6	
19188	O-20204	1645	0003	/ /	1	DRUM	6	NA
19189	O-20201	1645	0003	10/02/85	1	DRUM	6	
19190	O-20202	1645	0003	/ /	1	DRUM	6	NA
19191	O-20199	1645	0003	10/07/85	1	DRUM	6	
19192	O-20196	1645	0003	10/07/85	1	DRUM	6	
19193	O-20198	1645	0003	10/07/85	1	DRUM	6	
19194	O-20197	1645	0003	10/07/85	1	DRUM	6	,SWE
19195	OX-594	MCR	0002	/ /	1	DRUM	6	NA,SWE
19196	OX-595	MCR	0002	/ /	1	DRUM	6	NA,SWE
19197	OX-596	MCR	0002	/ /	1	DRUM	6	NA,SW
19198	OX-597	MCR	0002	/ /	1	DRUM	6	NA
19199	OX-591	MCR	0002	/ /	1	DRUM	6	NA
19200	OX-593	MCR	0002	/ /	1	DRUM	6	NA
19201	OX-590	MCR	0002	/ /	1	DRUM	6	NA
19202	OX-592	MCR	0002	/ /	1	DRUM	6	NA
19203	LC-18563	1449	0161	08/01/85	1	DRUM	6	
19204	LC-18560	1449	0161	/ /	1	DRUM	6	NA
19205	LC-18562	1449	0161	08/01/85	1	DRUM	6	
19206	LC-18561	1449	0161	/ /	1	DRUM	6	NA
19207	LC-15704	1138	0001	03/15/85	1	DRUM	6	
19208	C-19208	1134	NA	03/26/85	1	DRUM	6	
19209	C-15682	1135	0001	11/03/85	1	DRUM	6	
19210	LC-15705	1138	0001	02/15/85	1	DRUM	6	
19211	C-18600	1445	0014	04/12/85	1	DRUM	7	
19212	21829	MCR	0002	/ /	1	DRUM	7	NA
19213	C-18599	1445	0014	05/12/85	1	DRUM	7	
19214		1447	0014	03/12/85	1	DRUM	7	
19215	C-18602	1445	0014	08/12/85	1	DRUM	6	
19216	C-18604	1445	0014	04/12/85	1	DRUM	6	
19217	C-18601	1445	0014	04/12/85	1	DRUM	6	
19218	C-18603	1445	0014	11/15/84	1	DRUM	6	
19219	LC-20873	1709	0063	11/15/85	1	DRUM	6	
19220	C-20875	1709	0063	11/15/85	1	DRUM	6	
19221	LC-20874	1709	0063	07/08/85	1	DRUM	6	

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19222	C-20876	1709	0063	11/15/85	1	DRUM	6	
19223	C-20944	1716	0162	12/04/85	1	DRUM	6	
19224	C-20945	1716	0162	12/11/85	1	DRUM	6	
19225	C-20943	1716	0162	12/04/85	1	DRUM	6	
19226	M-20946	1716	0162	12/04/85	1	DRUM	6	DIRT
19227	LC-19724	1570	0159	02/25/85	1	DRUM	6	
19228	C-19727	1570	0160	07/25/85	1	DRUM	6	
19229	LC-19723	1570	0159	07/11/85	1	DRUM	6	
19230	C-19728	1570	0160	07/25/85	1	DRUM	6	
19231	LC-19292	1538	0054	10/10/85	1	DRUM	6	
19232	LC-19294	MCR	0054	10/11/85	1	DRUM	6	
19233	LC-19291	1538	0004	09/23/85	1	DRUM	6	
19234	LC-19293	1538	0054	10/10/85	1	DRUM	6	
19235	LC-19790	1606	0162	08/29/85	1	DRUM	6	
19236	LC-19856	1612	0001	/ /	1	DRUM	6	NA
19237	LC-19858	1612	0001	01/17/85	1	DRUM	6	
19238	LC-19837	1612	0001	07/30/85	1	DRUM	6	
19239	LC-20879	1709	0063	11/15/85	1	DRUM	6	
19240	LC-19800	1604	0154	03/04/85	1	DRUM	6	
19241	LC-20878	1709	0063	01/15/85	1	DRUM	6	
19242	LC-20880	1709	0063	11/15/85	1	DRUM	6	
19243	LC-16150	1179	0139	11/02/84	1	DRUM	6	
19244	LC-19284	1538	0054	09/26/85	1	DRUM	6	
19245	LC-19283	1538	0054	/ /	1	DRUM	6	NA
19246	LC-19285	1538	0054	09/26/85	1	DRUM	6	
19247	C-19282	1619	0054	/ /	1	DRUM	6	NA
19248	33765	NA		/ /	0			
19248	LC-19809	1604	0154	03/06/85	1	DRUM	6	
19249	LC-19811	1604	0154	07/25/85	1	DRUM	6	
19250	CAP-274	MCR	0101	08/06/85	1	DRUM	6	
19251	LC-19812	1604	0154	07/25/85	1	DRUM	6	
19252	LC-19858	1612	0001	07/19/85	1	DRUM	6	
19253	LC-19854	1612	0001	/ /	1	DRUM	6	NA
19254	LC-19854	1612	0001	07/19/85	1	DRUM	6	
19255	LC-19855	1612	0001	/ /	1	DRUM	6	NA
19256	LC-19894	1619	0028	07/31/00	1	DRUM	6	
19257	19895	NA	0028	06/01/85	1	DRUM	6	SOIL
19258	LC-19895	1619	0028	09/30/00	1	DRUM	6	
19259	NA	1619	0028	11/01/85	1	DRUM	6	
19260	LC-19886	1619	0002	06/05/85	1	DRUM	6	
19261	LC-19884	1619	0028	09/30/00	1	DRUM	6	
19262	LC-19880	1619	0028	/ /	1	DRUM	6	NA
19263	C-15608	1116	0016	03/15/85	1	DRUM	6	
19264	C-16708	1229	0047	04/19/85	1	DRUM	6	
19265	LC-15618	1116	0016	03/15/85	1	DRUM	6	
19266	C-16686	1234	0009	05/02/85	1	DRUM	6	

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19267	C-1827?	1381	NA	/ /	1	DRUM	6	NA
19268	LC-20249	1637	0007	05/29/85	1	DRUM	6	
19269	LC-20180	1645	0003	/ /	1	DRUM	6	NA
19270	LC-19544	1577	0007	10/07/85	1	DRUM	6	
19271	LC-20591	1692	NA	11/24/85	1	DRUM	6	
19272	LC-20939	1711	0163	/ /	1	DRUM	6	NA
19273	C-20699	1693	0164	11/24/85	1	DRUM	6	
19274	LC-20590	1692	0164	11/24/85	1	DRUM	6	
19275	LC-16704	1229	0047	04/19/85	1	DRUM	6	
19276	LC-16705	1229	0047	02/28/85	1	DRUM	6	
19277	LC-16707	1229	0047	03/11/85	1	DRUM	6	
19278	LC-16706	1229	0047	04/19/85	1	DRUM	6	
19279	LC-21364	1761	0165	01/06/86	1	DRUM	6	
19280	LC-21369	1761	0165	01/06/86	1	DRUM	6	
19281	LC-21365	1761	0165	01/06/86	1	DRUM	6	
19282	LC-21368	1761	0165	01/06/86	1	DRUM	6	
19283	T-6861	1619	0028	/ /	1	DRUM	8	NA
19284	LC-19902	1619	0028	10/01/85	1	DRUM	6	TRSH
19285	C-19909	1619	0028	/ /	1	DRUM	6	NA
19286	M-19901	1619	0028	06/07/85	1	DRUM	6	OD
19287	LC-19889	1619	0028	/ /	1	DRUM	6	NA
19288	LC-19887	1619	0028	11/01/85	1	DRUM	6	
19289	LC-19890	1619	0028	10/18/85	1	DRUM	6	
19290	LC-19888	1619	0028	10/31/00	1	DRUM	6	
19291	LC-15103	1071	0167	12/28/84	1	DRUM	6	
19292	NA	MCR	0006	10/19/83	1	DRUM	6	
19293	LC-19286	1538	0054	/ /	1	DRUM	6	NA
19294	LC-19067	1512	0166	10/02/85	1	DRUM	6	
19295	LC-21363	1761	0165	01/06/84	1	DRUM	6	
19296	LC-21362	1761	0165	01/06/86	1	DRUM	6	
19297	LC-21362	1761	0165	01/06/86	1	DRUM	6	
19298	LC-21366	1761	0065	01/06/86	1	DRUM	6	
19299	LC-20102	1625	0021	09/13/85	1	DRUM	6	
19300	LC-20103	1625	0021	08/19/85	1	DRUM	6	
19301	LC-20101	1625	0021	04/22/85	1	DRUM	6	
19302	LC-20104	1625	0021	06/18/85	1	DRUM	6	
19303	LC-19850	1612	0001	/ /	1	DRUM	6	NA
19304	LC-19847	1612	0001	07/19/85	1	DRUM	6	
19305	LC-19845	1612	0001	/ /	1	DRUM	6	NA
19306	LC-19848	1612	0001	01/15/85	1	DRUM	6	
19307	LC-19896	1619	0028	06/05/85	1	DRUM	6	
19308	LC-19892	1619	0028	02/15/85	1	DRUM	6	
19309	C-19907	1619	0028	/ /	1	DRUM	6	NA
19310	LC-19818	1619	0028	07/31/00	1	DRUM	6	
19311	NA	NA	0062	/ /	1	DRUM	6	NA
19312	NA	NA	0062	06/03/85	1	DRUM	6	

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19313	M-21782	MCR	0002	/ /	1	DRUM	6	NA
19314	LC-17419	1297	0062	06/03/85	1	DRUM	6	
19315	C-15427	1122	0016	01/18/85	1	DRUM	6	
19316	LC-16345	1191	0010	03/25/85	1	DRUM	6	
19317	LC-16346	1191	0010	03/25/85	1	DRUM	6	
19318	LC-16347	1191	0010	03/28/85	1	DRUM	6	
19319	OX-421	MCR	0002	02/19/85	1	DRUM	7	
19320	OX-419	MCR	0002	02/19/85	1	DRUM	7	
19321	OX-420	MCR	0002	02/19/85	1	DRUM	7	
19322	O-15355	1112	0049	03/13/85	1	DRUM	7	
19323	OX-400	MCR	0002	01/30/85	1	DRUM	6	
19324	OX-398	MCR	0002	01/30/85	1	DRUM	6	
19325	OX-392	MCR	0002	/ /	1	DRUM	6	NA
19326	OX-399	MCR	0002	01/30/85	1	DRUM	6	
19327	M-15572	1127	0044	03/21/85	1	DRUM	6	TRSH
19328	C-16819	1245	0028	/ /	1	DRUM	6	NA
19329	LC-16817	1245	0028	04/30/00	1	DRUM	6	
19330	LC-16816	1245	0028	/ /	1	DRUM	6	NA
19331	NA	1259	0006	/ /	1	DRUM	7	NA
19332	LC-17150	1259	0006	/ /	1	DRUM	7	NA
19333	C-17097	1266	0054	/ /	1	DRUM	6	NA
19334	C-17101	1266	0009	04/22/85	1	DRUM	7	
19335	LC-16049	1174	0016	03/07/85	1	DRUM	6	
19336	LC-16814	1245	0028	04/22/85	1	DRUM	6	
19337	LC-16048	1174	0016	03/19/85	1	DRUM	6	
19338	LC-16043	1174	0016	03/07/85	1	DRUM	6	
19339	NA	15	0170	07/11/85	1	DRUM	6	LIME D
19340	LC-18115	1385	0044	07/05/85	1	DRUM	6	
19341	M-18262	1400	0001	/ /	1	DRUM	6	NA TRSH
19342	LC-20883	1709	0063	11/15/85	1	DRUM	7	
19343	LC-20882	1709	0063	11/15/85	1	DRUM	7	
19344	LC-20105	1625	0021	09/27/85	1	DRUM	6	
19345	LC-20881	1709	0063	11/15/85	1	DRUM	7	
19346	LC-20884	1709	0063	07/08/85	1	DRUM	7	
19347	LC-20095	1625	0021	11/20/85	1	DRUM	6	
19348	NA	1625	0021	11/20/85	1	DRUM	6	
19349	C-20094	1625	0021	08/21/85	1	DRUM	6	
19350	NA	1625	0021	09/25/85	1	DRUM	6	SHRCZR
19351	LC-20097	1625	0021	04/29/85	1	DRUM	6	
19352	LC-20107	1625	0021	04/02/85	1	DRUM	6	
19353	LC-20096	1625	0021	04/02/85	1	DRUM	6	
19354	LC-20108	1625	0021	06/06/85	1	DRUM	6	
19355	LC-20099	1625	0021	07/19/85	1	DRUM	6	
19356	LC-20098	1625	0021	09/27/85	1	DRUM	6	
19357	LC-20106	1625	0021	06/13/85	1	DRUM	6	
19358	C-17042	1266	0054	05/20/85	1	DRUM	6	

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19359	C-17043	1266	0027	05/20/85	1	DRUM	6	
19360	C-17041	1266	0054	05/20/85	1	DRUM	6	
19361	C-17044	1266	0054	05/20/85	1	DRUM	6	
19362	M-20245	1636	0010	/ /	1	DRUM	6	NA
19363	M-20244	1636	0010	08/14/85	1	DRUM	6	
19364	M-20256	1436	0010	/ /	1	DRUM	6	NA
19365	M-20243	1636	0010	08/14/85	1	DRUM	6	
19366	C-20947	1717	0016	11/14/85	1	DRUM	6	
19367	C-20949	1712	0169	11/14/85	1	DRUM	6	
19368	C-15611	1116	0016	03/15/85	1	DRUM	6	
19369	C-20948	1717	0169	11/14/85	1	DRUM	6	
19370	LC-20888	1709	0063	11/15/85	1	DRUM	6	
19371	LC-20885	1709	0063	07/08/85	1	DRUM	6	
19372	LC-20887	1709	0063	02/08/85	1	DRUM	6	
19373	LC-20886	1709	0063	02/08/85	1	DRUM	6	
19374	C-20896	1709	0016	11/15/85	1	DRUM	6	
19375	LC-20894	1709	0063	11/15/85	1	DRUM	6	
19376	LC-20895	1709	0016	11/15/85	1	DRUM	6	
19377	LC-20893	1709	0063	11/15/85	1	DRUM	6	
19378	LC-17818	1347	0062	03/01/85	1	DRUM	6	
19379	LC-17816	1347	0062	11/16/84	1	DRUM	6	
19380	LC-17819	1347	0062	/ /	1	DRUM	6	NA
19381	LC-16560	1220	0016	03/27/85	1	DRUM	6	
19382	LC-16561	1220	0016	03/25/85	1	DRUM	6	
19383	LC-16559	1220	0016	04/02/85	1	DRUM	6	
19384	LC-16562	1220	0016	03/25/85	1	DRUM	6	
19385	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19386	20775	NA	0002	12/19/85	1	DRUM	7	TRSH
19387	LC-20443	1664	0015	11/25/85	1	DRUM	6	
19388	NA	NA	NA	/ /	1	DRUM	7	NA
19389	NA	NA	0062	/ /	1	DRUM	6	NA
19390	LC-17633	1323	0054	06/25/85	1	DRUM	6	
19391	NA	NA	0062	/ /	1	DRUM	6	NA
19392	LC-17820	1347	0062	/ /	1	DRUM	6	NA
19393	LC-18019	1363	0016	06/05/85	1	DRUM	6	
19394	LC-18020	1363	0016	/ /	1	DRUM	6	NA
19395	LC-18022	1363	0016	07/12/85	1	DRUM	6	
19396	LC-18021	1363	0016	/ /	1	DRUM	6	NA
19397	LC-18446	1429	0171	/ /	1	DRUM	6	NA
19398	LC-18445	1429	0171	/ /	1	DRUM	6	NA
19399	LC-6274	317	0172	10/12/83	1	DRUM	6	
19400	LC-19064	1515	0062	/ /	1	DRUM	6	NA
19401	LC-18246	1401	0001	/ /	1	DRUM	6	NA
19402	LC-18247	1401	0001	/ /	1	DRUM	6	NA
19403	LC-17479	1300	0015	/ /	1	DRUM	6	NA
19404	LC-17478	1300	0015	/ /	1	DRUM	6	NA

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19405	C-17281	1272	0016	05/10/85	1	DRUM	6	
19406	C-17280	1272	0016	/ /	1	DRUM	6	NA
19407	LC-17282	1272	0016	05/13/85	1	DRUM	6	
19408	LC-15730	MCR	0001	/ /	1	DRUM	6	NA
19409	C-18666	1470	0008	09/01/83	1	DRUM	6	
19410	C-18663	1470	0008	09/01/85	1	DRUM	6	
19411	C-18664	1470	0008	09/01/83	1	DRUM	6	
19412	C-18665	1470	0008	/ /	1	DRUM	6	9-185
19413	LC-18558	1449	0161	08/01/85	1	DRUM	6	
19414	LC-18557	1449	0161	/ /	1	DRUM	6	NA
19415	LC-18559	1449	0161	08/01/85	1	DRUM	6	
19416	LC-18556	1449	0161	/ /	1	DRUM	6	NA
19417	LC-16355	1201	007O	03/18/85	1	DRUM	7	TRSH
19418	C-18566	1442	0137	07/30/85	1	DRUM	6	
19419	LC-16392	1206	0017	/ /	1	DRUM	6	NA
19420	LC-17813	1347	0062	04/29/85	1	DRUM	6	
19421	LC-17814	1347	0062	/ /	1	DRUM	6	NA
19422	C-17812	1347	0062	05/01/85	1	DRUM	6	
19423	LC-17875	145	0062	/ /	1	DRUM	6	NA
19424	LC-16567	1220	0016	04/16/85	1	DRUM	6	
19425	LC-16568	1220	0016	04/16/85	1	DRUM	6	
19426	C-16566	1220	0016	04/16/85	1	DRUM	6	
19427	LC-16569	1220	0016	04/11/85	1	DRUM	6	
19428	C-13877	932	0107	10/16/84	1	DRUM	8	
19429	LC-19062	1515	0062	/ /	1	DRUM	8	NA
19430	LC-19061	1515	0062	08/02/85	1	DRUM	8	
19431	LC-19063	1515	0062	/ /	1	DRUM	8	NA
19432	LC-20636	1681	NA	09/26/85	1	DRUM	6	
19433	LC-20634	1681	0181	09/18/85	1	DRUM	6	
19434	LC-208?	1681	0181	09/26/85	1	DRUM	6	
19435	LC-20633	1681	0181	10/31/85	1	DRUM	6	
19436	LC-19548	1574	0017	08/08/85	1	DRUM	6	
19437	LC-74111	991	0001	12/07/84	1	DRUM	7	
19438	LC-21385	1757	0180	01/08/86	1	DRUM	7	
19439	LC-16641	1200	0100	04/26/85	1	DRUM	7	OP
19440	NA	NA	NA	/ /	1	DRUM	7	NA
19441	LC-16642	1200	0100	03/13/85	1	DRUM	7	
19442	16776	1244	0179	/ /	1	DRUM	7	NA
19443	LC-18264	1410	0001	08/07/85	1	DRUM	6	
19444	LC-14783	1012	0062	01/12/85	1	DRUM	6	
19445	C-14762	1011	0062	01/08/85	1	DRUM	6	
19446	LC-14783	1012	0062	01/14/85	1	DRUM	6	
19447	C-16963	1259	0006	/ /	1	DRUM	6	NA
19448	C-16951	1259	0006	/ /	1	DRUM	6	NA
19449	C-15227	1082	0046	02/21/85	1	DRUM	6	
19450	C-16897	1258	0062	/ /	1	DRUM	6	NA

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19451	LC-17785	1344	0178	/ /	1	DRUM	6	NA
19452	C-17828	1343	0101	/ /	1	DRUM	6	NA
19453	LC-18132	1376	0177	06/20/85	1	DRUM	6	
19454	NA	1376	0177	/ /	1	DRUM	7	NA
19455		NA	NA	/ /	0	DRUM	7	SHD CORE
19456	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19457	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19458	NA	NA	NA	/ /	1	DRUM	6	NA
19459	C-18609	1445	0014	04/12/85	1	DRUM	6	
19460	C-18605	1445	0014	04/12/85	1	DRUM	6	
19461	C-18608	1445	0014	04/12/85	1	DRUM	6	
19462	C-18606	1445	0014	04/12/85	1	DRUM	6	
19463	LC-14765	1011	NA	/ /	0	DRUM	6	NA
19464	C-15511	1105	NA	01/09/85	1	DRUM	6	
19465	NA	NA	NA	/ /	0	DRUM	6	NA
19466	LC-14239	959	0025	12/06/84	1	DRUM	6	
19467	C-15777	1154	NA	/ /	1	DRUM	6	NA OP
19468	C-18156	1396	0073	/ /	1	DRUM	6	NA
19469	LC-18193	1391	0073	08/07/85	1	DRUM	6	OP
19470	LC-18155	1396	0073	/ /	1	DRUM	6	NA
19471	C-16443	1207	0062	12/05/84	1	DRUM	6	
19472	LC-17606	1330	0017	/ /	1	DRUM	7	NA
19473	C-17577	1293	0176	06/19/85	1	DRUM	6	
19474	LC-15616	1116	0016	10/19/84	1	DRUM	6	
19475	C-19161	1534	0017	10/01/85	1	DRUM	6	
19476	C-19160	1534	0175	10/01/85	1	DRUM	6	
19477	C-16131	1177	0174	/ /	1	DRUM	6	NA
19478	M-16630	MCR	0002	05/09/85	1	DRUM	6	
19479	C-16900	1258	0062	03/18/85	1	DRUM	6	
19480	LC-14766	1011	0062	01/08/85	1	DRUM	6	
19481	LC-16898	1258	0062	03/26/85	1	DRUM	6	
19482	C-16795	1245	0028	/ /	1	DRUM	7	NA
19483	C-18277	1381	0101	/ /	1	DRUM	7	NA FIBER
19484	NA	NA	0101	/ /	1	DRUM	7	NA
19485	C-18299	1378	0173	06/21/85	1	DRUM	7	
19486	C-18300	1378	0173	06/21/85	1	DRUM	7	
19487	LC-18424	1419	0001	/ /	1	DRUM	6	NA OP
19488	NA	NA	NA	/ /	1	DRUM	6	NA
19489	C-18610	1445	0014	04/12/85	1	DRUM	6	
19490	C-18611	1445	0014	04/12/85	1	DRUM	6	
19491	C-18609	1445	0014	04/12/85	1	DRUM	6	
19492	C-18612	1445	0014	04/12/85	1	DRUM	6	
19493	LC-20258	1637	0001	06/09/85	1	DRUM	6	
19494	LC-20255	1637	0010	/ /	1	DRUM	6	NA
19495	LC-20257	1637	0001	07/30/84	1	DRUM	6	
19496	LC-20256	1637	0010	/ /	1	DRUM	6	NA

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19497	LC-16343	1191	0010	10/09/84	1	DRUM	6	
19498	LC-16750	1191	0010	/ /	1	DRUM	6	NA
19499	LC-16344	1191	0010	02/22/85	1	DRUM	6	
19500	LC-16340	1191	0010	/ /	1	DRUM	6	NA
19501	V-086	MCR	0002	05/12/85	1	DRUM	6	
19502	C-16088	1176	0002	05/21/85	1	DRUM	6	
19503	C-16440	1207	0062	10/15/84	1	DRUM	6	
19504	NA	NA	0062	/ /	1	DRUM	7	NA
19505	4A-4543	MCR	NA	09/24/84	1	DRUM	7	4 TRSH
19506	4A-4522	MCR	NA	07/12/84	1	DRUM	7	
19507	4A-4544	MCR	NA	09/24/84	1	DRUM	7	
19508	4A-4523	MCR	NA	07/12/84	1	DRUM	7	4 TRSH
19509	4A-4524	MCR	NA	08/12/84	1	DRUM	7	
19510	4A-4526	MCR	NA	07/12/84	1	DRUM	7	4 TRSH
19511	4A-4525	MCR	NA	07/12/84	1	DRUM	7	4 TRSH
19512	4A-4525	MCR	NA	07/12/84	1	DRUM	7	
19513	4A-4018	MCR	NA	08/03/84	1	DRUM	7	4-TRSH
19514	4A-4016	MCR	NA	08/05/84	1	DRUM	7	
19515	4A-4019	MCR	NA	08/03/84	1	DRUM	7	
19516	4A-4017	MCR	NA	08/03/84	1	DRUM	7	
19517		MCR	NA	08/01/84	1	DRUM	6	4 SHRCOR
19518	4A-4858	MCR	NA	08/01/84	1	DRUM	7	4 TRSH
19519	4A-4859	MCR	NA	08/01/84	1	DRUM	6	
19520	NA	NA	NA	08/01/84	1	DRUM	7	TRSH
19521	4A-4550	MCR	NA	08/21/84	1	DRUM	6	4
19522	44862	NA	NA	08/01/84	1	DRUM	7	TRSH
19523	4A-4863	MCR	NA	08/01/84	1	DRUM	7	
19524	4A-4861?	MCR	NA	08/01/84	1	DRUM	7	4 TRSH
19525	4A-4531	MCR	NA	07/12/84	1	DRUM	6	4 SHRCOR
19526	4A-4529	MCR	NA	07/12/84	1	DRUM	6	4
19527	4A-4530	MCR	NA	07/12/84	1	DRUM	6	OR
19528		MCR	NA	01/12/84	1	DRUM	6	
19529	4A-4554	MCR	NA	08/21/84	1	DRUM	6	OR
19530	4A-4552	MCR	NA	08/21/84	1	DRUM	6	4
19531	M-13071	862	NA	08/21/84	1	DRUM	6	SHRCOR
19532	4A-4551	MCR	NA	08/21/84	1	DRUM	6	
19533	4A-4014	MCR	NA	08/03/84	1	DRUM	6	4 SHRCOR
19534	4A-4015	MCR	NA	08/03/84	1	DRUM	6	
19535	4A-4013	MCR	NA	08/03/84	1	DRUM	6	OR
19536	4A-4012	MCR	NA	08/03/84	1	DRUM	6	4
19537	4A-4010	MCR	NA	08/03/84	1	DRUM	6	4 SHRCOR
19538	4A-4011	MCR	NA	08/03/84	1	DRUM	6	
19538	4A-4528	MCR		/ /	0			
19539	4A-4009	MCR	NA	08/03/84	1	DRUM	6	
19540	4A-4008	MCR	NA	08/03/84	1	DRUM	6	4
19541	4A-4021	MCR	NA	08/03/84	1	DRUM	6	

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19542	4A-4020	MCR	NA	08/03/84	1	DRUM	6	
19543	4A-4023	MCR	NA	08/03/84	1	DRUM	6	
19544	4A-4022	MCR	NA	08/03/84	1	DRUM	6	
19545	4A-4024	MCR	NA	08/03/84	1	DRUM	7	4
19546	4A-4027	MCR	NA	08/03/84	1	DRUM	6	
19547	4A-4025	MCR	NA	08/03/84	1	DRUM	6	
19548	4A-4026	MCR	NA	08/03/84	1	DRUM	6	4
19549	4A-4006	MCR	NA	09/03/84	1	DRUM	6	4 SHRCOR
19550	4A-4005	MCR	NA	08/03/84	1	DRUM	6	OR
19551	4A-4007	MCR	NA	09/03/84	1	DRUM	6	OR
19552	4A-5310	MCR	NA	10/17/84	1	DRUM	6	4 SHRCOR
19553	4A-4557	MCR	NA	08/21/84	1	DRUM	6	4 SHRCOR
19554	4A-4555	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19555	4A-4558	MCR	NA	08/21/84	1	DRUM	6	OR
19556	4A-4556	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19557	4A-4534	MCR	NA	07/12/84	1	DRUM	6	OR
19558	4A-4532	MCR	NA	07/12/84	1	DRUM	6	
19559	4A-4535	MCR	NA	07/12/84	1	DRUM	6	4 SHRCOR
19560	4A-4533	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19561	4A-4716	MCR	NA	09/13/84	1	DRUM	6	4 SHRCOR
19562	4A-4714	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19563	4A-4717	MCR	NA	09/13/84	1	DRUM	6	OR
19564	NA	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19565	4A-4712	MCR	NA	09/13/84	1	DRUM	6	OR
19566	4A-4536	MCR	NA	07/12/84	1	DRUM	6	OR
19567	4A-4713	MCR	NA	09/13/84	1	DRUM	6	4 SHRCOR
19568	4A-4537	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19569	4A-16865	MCR	NA	10/01/84	1	DRUM	6	4 SHRCOR
19570	NA	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19571	4A-16867	MCR	NA	10/01/84	1	DRUM	6	4 SHRCOR
19572	4A-16866	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19573	4A-4540	MCR	NA	/ /	1	DRUM	6	NA SHRCOR
19574	4A-4541	MCR	NA	09/24/84	1	DRUM	6	4 SHRCOR
19575	4A-4561	MCR	NA	01/21/84	1	DRUM	6	4 SHRCOR
19576	4A-4542	MCR	NA	/ /	1	DRUM	6	NA SHR COR
19577	4A-4559	MCR	NA	09/11/84	1	DRUM	6	4 SHRCOR
19578	4A-4538	MCR	NA	09/24/84	1	DRUM	6	OR
19579	4A-4560	MCR	NA	09/21/84	1	DRUM	6	OR
19580	4A-4539	MCR	NA	09/24/84	1	DRUM	6	4 SHRCOR
19581	NA	MCR	NA	10/01/84	1	DRUM	6	SHRCOR
19582	4A-16869	MCR	NA	10/01/84	1	DRUM	6	OR
19583	4A-16870	MCR	NA	10/01/84	1	DRUM	6	4 SHRCOR
19584	4A-16871	MCR	NA	10/01/84	1	DRUM	6	OR
19585	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19586	NA	NA	NA	/ /	0	DRUM	7	FIB DR
19587	NA	NA	NA	/ /	1	DRUM	7	NA TRSH

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19588	NA	NA	NA	/ /	0	DRUM	7	FIB DR
19589	NA	NA	NA	/ /	1	DRUM	7	NA
19590	M-13426	NA	NA	/ /	1	DRUM	7	NA
19591	NA	NA	NA	/ /	1	DRUM	7	NAPHTHAL
19592		NA	NA	/ /	1	DRUM	7	NA
19593	NA	118654	0062	07/24/85	1	DRUM	7	
19594	T-17825	1337	NA	07/02/85	1	DRUM	7	
19595	NA	NA	NA	/ /	0	DRUM	7	NA
19596	NA	NA	NA	/ /	1	DRUM	7	NA
19597	NA	1649	NA	/ /	1	DRUM	7	NA
19598	C-18426	1424	0001	/ /	1	DRUM	6	NA
19599	C-18394	1426	0001	05/06/85	1	DRUM	6	
19600	C-18819	1489	0101	06/01/85	1	DRUM	6	.
19601	C-18818	1489	0101	06/01/85	1	DRUM	6	
19602	T-18571	1446	0014	03/07/85	1	TRANSFORM.	2	
19603	T-16646	1224	0002	07/14/83	1	TRANSFORM.	3	INSDRUM
19604	IT-15350	1110	NA	/ /	0	DRUM	7	NA
19605	IT-15580	1128	NA	/ /	0	DRUM	7	NA
19606	IT-15369	1111	NA	/ /	0	DRUM	7	NA
19607	IT-15351	1110	NA	/ /	0	DRUM	7	NA
19608	IT-13835-A	927	NA	/ /	0	DRUM	7	NA
19609	NA	MCR	NA	/ /	0	DRUM	7	NA
19610	C-18821	1489	0101	/ /	1	DRUM	6	NA
19611	C-18820	1489	0101	06/01/85	1	DRUM	6	
19612	NA	1075,1778	0004	01/24/84	1	DRUM	6	
19613	OT-21548 ?	1778	NA	/ /	0	DRUM	6	NA
19614	OT-21549	1778	0002	/ /	1	DRUM	6	NA
19615	OT-21549	1778	0002	/ /	1	DRUM	6	NA
19616	OT-21549	1778	0004	/ /	2	DRUM	6	NA
19617	OT-21549	1778	0002	/ /	1	DRUM	6	NA
19618	OT-21549	1778	0002	/ /	1	DRUM	6	NA
19619	OT-21550	1778	NA	/ /	0	DRUM	6	NA
19620	OT-21550	1778	NA	/ /	0	DRUM	6	NA
19621	OT-21550	1778	NA	01/25/86	1	DRUM	6	
19622	OT-21550	1778	NA	/ /	0	DRUM	6	NA
19623	4A-4636	MCR	NA	/ /	0	DRUM	7	NA SHR COR
19624	4A-4635	MCR	NA	/ /	0	DRUM	7	NA SHR COR
19625	IT-14847	1010	NA	/ /	0	DRUM	7	NA
19626	IT-15030	1028	NA	/ /	0	DRUM	7	NA
19627	NA	NA	NA	/ /	0	DRUM	6	NA
19628	OT-15361	1111	NA	05/29/85	1	DRUM	6	
19629	OT-18137	1395	NA	10/04/85	1	DRUM	6	
19630	T-15030	1028	NA	06/29/85	1	DRUM	6	
19631	T-15582	1128	NA	01/21/85	1	DRUM	6	
19632	OT-14216C	959	NA	/ /	1	DRUM	6	NA
19633	OT-14216D	959	NA	/ /	1	DRUM	6	NA

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19634	NA	595	NA	/ /	1	DRUM	6	NA
19635	NA	959	NA	/ /	1	DRUM	6	NA
19636	NA	1061	NA	02/11/85	1	DRUM	7	
19637	T-18505	1435	0017	/ /	1	DRUM	7	NA
19638	T-18438	1422	0073	/ /	1	DRUM	7	NA
19639	NA	NA	NA	/ /	1	DRUM	7	NA
19640	M-21767	1798	0078	02/09/86	1	DRUM	7	
19641	NA	NA	NA	/ /	1	DRUM	7	NA
19642	OT-18331-8	1417	0004	06/18/85	1	DRUM	6	
19643	NA	NA	NA	/ /	1	DRUM	7	NA DEBRS
19644	NA	NA	NA	/ /	1	DRUM	7	NA DEBRS
19645	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19646	C-15494	1092	NA	10/01/84	1	DRUM	7	
19647	NA	NA	NA	/ /	1	DRUM	7	NA TRSH
19648	21887	NA	0002	02/27/86	1	DRUM	7	TRSH
19649	NA	NA	NA	/ /	1	DRUM	6	NA
19650		MCR	NA	/ /	1	DRUM	7	NA
19651	NA	MCR	NA	/ /	1	DRUM	7	NA
19652	NA	MCR	NA	04/15/85	1	DRUM	7	
19653	NA	NA	NA	/ /	1	DRUM	6	NA
19654	NA	NA	NA	/ /	1	DRUM	6	NA
19655	NA	NA	NA	/ /	1	DRUM	6	NA
19656	NA	NA	NA	/ /	1	DRUM	6	NA
19657	OT-15978	NA	NA	/ /	1	DRUM	6	NA
19658	O-15475	NA	0046	/ /	1	DRUM	6	NA
19659		NA	0046	/ /	1	DRUM	6	NA
19660	OT-15775	1577	NA	/ /	1	DRUM	6	NA
19661		NA	NA	/ /	1	DRUM	6	NA
19662	OT-19475	1577	0002	/ /	1	DRUM	6	NA
19663	OT-19475	1577	0046	/ /	1	DRUM	6	NA
19664	OT-19475	1577	0046	/ /	1	DRUM	6	NA
19665	NA	1273	0016	05/15/85	1	DRUM	7	
19666	NA	NA	NA	/ /	0	DRUM	7	NA OILDRY
19667	O-10900	694	0002	08/02/84	1	DRUM	6	
19668	O-4090	894	0001	08/02/84	1	DRUM	6	
19669	O-10935	700	0018	07/09/84	1	DRUM	6	
19670	M-21782	MCR	0002	03/06/86	1	DRUM	6	
19671	M-18333	1433	NA	/ /	0	DRUM	7	NA
19672	LC-18153	1396	NA	05/29/85	1	DRUM	7	
19673	OT-11470	724	NA	/ /	0	DRUM	6	NA
19674	OT-15354	1110	NA	/ /	0	DRUM	6	NA
19675	OT-15364A	1111	NA	/ /	0	DRUM	6	NA
19676	NA	R1002814	0002	/ /	0	DRUM	12	NA,
19677	NA	R1002814	0168	10/03/83	1	DRUM	12	,R1D075708990
19678		NA	0002	/ /	0	DRUM	12	NA TRSH

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19679	NA	2	0002	/ /	0	DRUM	12	NA TRSH
19680		NA	0002	/ /	0	DRUM	12	NA
19681		NA	0002	05/03/85	0	DRUM	12	5
19682		NA	0002	02/01/83	1	DRUM	12	
19683	NA	NA	0002	/ /	0	DRUM	12	NA
19684	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19685	NA	616A	0002	/ /	0	DRUM	12	NA TRSH
19686	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19687	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19688	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19689	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19690	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19691		NA	0002	/ /	0	DRUM	12	NA TRSH
19692	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19693	NA	592	0002	/ /	0	DRUM	12	NA TRSH
19694	NA	1068	0002	/ /	0	DRUM	12	NA SOIL
19695	NA	NA	0002	/ /	0	DRUM	12	NA SOIL
19696	NA	NA	0002	/ /	0	DRUM	12	NA
19697	NA	NA	0002	/ /	0	DRUM	12	NA SOIL
19698	NA	NA	0002	/ /	0	DRUM	12	NA TRSH,T-1800
19699	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19700		NA	0002	/ /	0	DRUM	12	NA TRSH
19700	NA	107		/ /	0			
19700	NA	117		/ /	0			
19700	NA	126		/ /	0			
19700	NA	122		/ /	0			
19700	NA	134		/ /	0			
19700	NA	130		/ /	0			
19700	NA	136		/ /	0			
19700	NA	139		/ /	0			
19700	NA	146		/ /	0			
19700	NA	147		/ /	0			
19700	NA	161		/ /	0			
19700	NA	63		/ /	0			
19700	NA	207		/ /	0			
19700	NA	221		/ /	0			
19700	NA	383		/ /	0			
19700	NA	1384		/ /	0			
19700	NA	73		/ /	0			
19700	NA	90		/ /	0			
19701	NA	NA	0002	/ /	0	DRUM	12	IL PO,CEN188, CEN175
19702	NA	NA	0002	/ /	0	DRUM	12	NA TRSH

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19703		NA	0002	/ /	0	DRUM	12	NA TRSH
19704	NA	NA	0002	/ /	0	DRUM	12	NA TRSH,IL PO,CEN285
19705	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19706	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19707	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19708	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19709	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19710	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19711	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19712		1003	0063	01/31/84	1	DRUM	12	
19713	NA	300C	0002	/ /	0	DRUM	12	NA TRSH
19714	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19715	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19716		NA	NA	/ /	0	DRUM	12	ABS PADS
19716	NA	103		/ /	0			
19716	NA	154		/ /	0			
19716	NA	157		/ /	0			
19716	NA	380		/ /	0			
19716	NA	413		/ /	0			
19716	NA	61		/ /	0			
19716	NA	418		/ /	0			
19716	NA	214		/ /	0			
19716	NA	383		/ /	0			
19716	NA	228		/ /	0			
19716	NA	204		/ /	0			
19716	NA	274		/ /	0			
19716	NA	260		/ /	0			
19716	NA	62		/ /	0			
19716	NA	193		/ /	0			
19716	NA	77		/ /	0			
19716	NA	70		/ /	0			
19716	NA	73		/ /	0			
19717	NA	NA	0002	/ /	0	DRUM	12	NA
19718	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19719	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19720	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19721	NA	1003	0002	/ /	0	DRUM	12	NA TRSH
19722		NA	0002	/ /	0	DRUM	12	NA
19723	NA	NA	0002	/ /	0	DRUM	12	NA
19724	NA	NA	0002	/ /	0	DRUM	12	NA
19725	NA	NA	0002	/ /	0	DRUM	12	NA TRSH
19726	NA	276,200	0002	/ /	0	DRUM	12	NA STRAW
19727	NA	1159	0063	04/26/84	1	DRUM	12	
19728	NA	1003	0063	01/31/84	1	DRUM	12	
19729	OX-14	MCR	0002	02/13/84	1	DRUM	12	

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19730	NA	NA	0002	/ /	0	DRUM	12	NA
19731	NA	NA	0002	/ /	0	DRUM	12	NA TAR
19732	NA	NA	0002	02/18/87	0	DRUM	7	ABSPAD
19733	NA	NA	NA	/ /	0	DRUM	6	NA
19734	NA	MCR	NA	/ /	0	DRUM	7	NA
19735	NA	MCR	NA	/ /	0	DRUM	7	NA
19736	NA	NA	NA	/ /	0	DRUM	6	NA
19737	NA	NA	NA	/ /	0	DRUM	6	NA
19738	NA	NA	NA	/ /	0	DRUM	6	NA
19739	NA	NA	NA	/ /	0	DRUM	7	NA SOIL
19740	NA	NA	NA	/ /	0	DRUM	6	NA
19741	NA	NA	0002	05/29/85	1	DRUM	6	OP
19742	NA	NA	NA	/ /	0	DRUM	7	NA SOIL
19743	O-14825	1007	NA	/ /	0	DRUM	7	NA TRSH
19744		NA	NA	/ /	0	DRUM	3	NA TRSH
19745	NA	NA	NA	/ /	0	DRUM	7	NA TRSH
19747	NA	MCR	NA	/ /	0	DRUM	7	NA
19748	NA		NA	/ /	0	DRUM	7	NA
19749	NA	NA	NA	/ /	0	DRUM	7	NA SMALL-DRUM 35
19750	O-17925	1349	0007	/ /	1	DRUM	6	NA
19751	OX-584	MCR	0002	08/02/85	1	DRUM	7	
19752	NA	NA	NA	/ /	0	DRUM	7	NA OILDRY
19753	NA	NA	NA	/ /	0	DRUM	7	NA OILDRY-DUST
19754	NA	NA	NA	/ /	0	DRUM	7	NA
19755	NA	NA	0002	/ /	1	DRUM	7	NA SAND
19756	NA	NA	NA	/ /	1	DRUM	7	NA STEEL
19757	NA	NA	NA	/ /	0	DRUM	7	SAND 35
19758	NA	NA	NA	/ /	0	DRUM	7	SAND 35
19759		NA	na	/ /	0	CRATE	8	MT CRUSHED CONT
19760	NA	NA	0002	/ /	0	TRANSFORM.	8	T FINS
19761	T-17706	1345	NA	06/27/85	1	TRANSFORM.	8	2 PART
19762	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 5 PARTS
19763	NA	MCR	0002	/ /	0	TRANSFORM.	8	NA TRANF INSIDE
19764	NA	MCR	0002	/ /	0	TRANSFORM.	8	INSIDE 2 PARTS
19765	NA	MCR	0002	/ /	0	TRANSFORM.	1	INSIDES
19766	T-16643	1224	0100	04/03/85	1	TRANSFORM.	3	
19767	T-10466	1660	0015	11/14/85	1	TRANSFORM.	3	
19768	T-18506	1435	0007	08/06/85	1	TRANSFORM.	3	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19769	T-18268	1377	0203	07/26/85	1	TRANSFORM.	3	
19770	T-18267	1377	0203	07/26/85	1	TRANSFORM.	3	
19771	NA	NA	0002	/ /	0	TRANSFORM.	3	INSIDEOFDRUM
19772	T-20115	1626	0185	11/19/85	1	TRANSFORM.	3	
19773	T-16644	1224	0100	03/13/85	1	TRANSFORM.	2	OP
19774	T-16645	1224	0100	03/14/85	1	TRANSFORM.	2	OP
19775	T-17555	1316	NA	/ /	1	TRANSFORM.	2	NA
19776	T-17554	1316	NA	/ /	1	TRANSFORM.	2	NA
19777	NA	6175	0002	03/06/87	1	CRATE	8	INSIDE
19778	NA	540	NA	/ /	1	OTHER	8	PUMP
19779		NA	0002	/ /	0	DRUM	8	MT BOX
19780	NA	NA	NA	/ /	0	OTHER	8	PUMP
19781	4A-14379	MCR	NA	10/01/84	1	CRATE	8	
19782		NA	NA	/ /	0	CRATE	10	NA METAL BROWN
19783		NA	NA	/ /	0	CRATE	10	NA LIGHT BLUE
19784		NA	NA	/ /	0	CRATE	10	NA LIGHT BROWN
19785		617	0019	/ /	0	CRATE	10	NA LIGHT BROWN
19786		NA	NA	/ /	0	CRATE	10	NA LIGHT BRO ME
19787		NA	NA	/ /	0	CRATE	10	NA LIGHT METAL
19788		NA	NA	/ /	0	CRATE	10	NA LIGHT METAL
19789		NA	NA	/ /	0	CRATE	10	NA METAL
19790		NA	NA	/ /	0	CRATE	10	NA METAL
19791		NA	NA	/ /	0	CRATE	10	NA METAL
19792		NA	NA	/ /	0	CRATE	10	GREEN METAL
19793		NA	NA	/ /	0	CRATE	10	LONG GREEN META
19794		NA	NA	/ /	0	CRATE	10	LONG GREEN META
19795		NA	NA	/ /	0	CRATE	10	METAL LIGHT
19796		NA	NA	/ /	0	CRATE	10	METAL
19797	NA	NA	NA	/ /	0	CRATE	10	BLUE METAL
19798		NA	NA	/ /	0	CRATE	10	WOOD
19799		NA	NA	/ /	0	CRATE	10	METAL
19800		NA	NA	/ /	0	CRATE	10	METAL
19801		NA	NA	/ /	0	CRATE	10	METAL
19802		NA	NA	/ /	0	CRATE	10	METAL

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19803		NA	NA	/ /	0	CRATE	10	METAL
19804		NA	0002	/ /	0	CRATE	10	METAL
19805	NA	NA	NA	/ /	0	CRATE	10	METAL BROWN
19806		NA	NA	/ /	0	CRATE	10	METAL
19807		NA	NA	/ /	0	CRATE	10	METAL
19808		NA	NA	/ /	0	CRATE	10	METAL
19809	14234	MCR	NA	10/04/84	0	CRATE	10	METAL
19810		NA	NA	/ /	0	CRATE	10	METAL
19811		NA	NA	/ /	0	OTHER	10	MACHINE
19813		NA	NA	/ /	0	OTHER	1	CYLINDER
19814		NA	0002	/ /	2	OTHER	7	TRASH
19815		NA	NA	/ /	0	OTHER	7	SAMPLE VILES
19816		NA	NA	/ /	0	OTHER	7	TRASH
19817	NA	1167	0	/ /	0	DRUM	6	naoilwater
19818	NA	1167		/ /	0	DRUM	6	NAOIL WATER
19819	NA	1161		/ /	0		0	
19820	NA	1161		/ /	0	DRUM	6	naoil water
19821				/ /	0	DRUM	6	NAOIL WATER
19823				/ /	0	DRUM	6	NAOIL WATER
19824				/ /	0	DRUM	6	NAOIL WATER
19825	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19826	NA	1161		/ /	0	DRUM	6	NAOIL WATER
19827	NA	1161		/ /	0	DRUM	6	NAOIL WATER
19828				/ /	0	DRUM	6	NAOIL WATER
19829	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19830	NA	NA	002	/ /	0	DRUM	6	NAOIL WATER
19831	NA	1161	0002	/ /	0	DRUM	6	NAOIL WATER
19832	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19833		NA	0002	/ /	0	DRUM	6	NAOIL WATER
19834		NA	0002	/ /	0	DRUM	6	NAOIL WATER

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19835		NA	0002	/ /	0	DRUM	6	NAOIL WATER
19836		NA	0002	/ /	0	DRUM	6	NAOIL WATER
19837	NA	1167	0002	/ /	0	DRUM	6	NAOIL WATER
19838	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19839	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19840		NA	0002	/ /	0	DRUM	6	NAOIL WATER
19841	NA	1705	0002	/ /	0	DRUM	6	NAOIL WATER
19842	O-9347	600	0002	/ /	0	DRUM	6	NAOIL WATER
19843	NA	1167	0002	/ /	0	DRUM	6	NAOIL WATER
19844	NA	1159	0002	/ /	0	DRUM	6	NAOIL WATER
19845	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19846	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19847	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19848	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19849	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19850	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19851	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19852	NA	NA	0002	/ /	0	DRUM	6	NAOIL WATER
19853	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19854	NA1161			/ /	0	DRUM	6	NAOIL WATER
19855	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19856	NA	NA		/ /	0	DRUM	6	NAOIL WATER
19857	NA	NA	0002	/ /	0	DRUM	6	OILWTRTANKER27

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
19858	NA	NA	0002	/ /	0	DRUM	6	OILWTRTANKER27
19859	NA	NA	0002	/ /	0	DRUM	6	OILWTRTANKER27
19860	NA	NA	0002	/ /	0	DRUM	6	OILWTRTANKER27
19861	NA	NA	0002	/ /	0	DRUM	6	OILWTRTANKER27
19971	NA	NA		/ /	0		0	
20001	WHST-5	1166	0002	04/11/85	0	TANK		
20002	WHST-4	1166	0002	/ /	0	TANK		VOL=10000 4-11-85
20003	WHST-3	9100	0002	11/09/84	0	TANK		
20004	WHST-2	1088	0002	09/18/85	0	TANK		
20005	WHST-1	1441	0002	05/21/85	0	TANK		
20006	WHST-6	NA	0002	/ /	0	TANK		MCRFL 8-16-85
20007	NA	MCR	0002	/ /	0	TANK		SHR COR,BAGFILTERBOX
20008			0002	/ /	0	TANK		
20009			0002	/ /	0	TANK		
20010			0002	/ /	0	TANK		
20011			0002	/ /	0	TANK		
20012			0002	/ /	0	TANK		
20013	PST-2	MCR	0002	/ /	0	TANK		VOL=11612 11-9-84
20014	PST-6	MCR	0002	02/04/85	0	TANK		
20015	PST-5	MCR	0002	01/30/85	0	TANK		
20016	PST-4	MCR	0002	09/20/85	0	TANK		
20017	NA	NA	0002	/ /	0	TANK		
20018	NA	NA	0002	/ /	0	TANK		
20019	PST-1	MCR	0002	/ /	0	TANK		VOL=17500 4-9-84
20020	PST-3	MCR	0002	/ /	0	TANK		VOL=16650 11-28-84
20021	SBST-5	1225	0002	/ /	0	TANK		VOL=12100 5-6-85
20022	SBST-4	MCR	0002	03/08/85	0	TANK		VOL=10000
20023	SBST-3	1020,905	0002	12/15/84	0	TANK		, 11-20-84
20024	SBST-2	MCR	0002	08/16/85	0	TANK		
20025	SBST-1	1249	0002	04/16/85	0	TANK		VOL=14000
20026			0002	/ /	0	TANK		OUTSIDE/EMPTY
20027			0002	/ /	0	TANK		OUTSIDE
20028			0002	/ /	0	TANK		OUTSIDE

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
20029			0002	/ /	0	TANK		OUTSIDE/EMPTY
20030	DST-4	1348	0002	05/29/85	0	TANK		
20031	DST-5	NA	0002	/ /	0	TANK		VOL=12100/OUTSD
20032	DST-3	NA	0002	07/05/85	0	TANK		MCR
20033	DST-2	NA	0002	/ /	0	TANK		VOL=12100/OUTSD
20034	DST-1	NA	0002	03/29/85	0	TANK		
20035	DST-6	NA	0002	/ /	0	TANK		VOL=13100
20036	DST-7	NA	0002	/ /	0	TANK		VOL=13100
20037	DST-8	NA	0002	12/17/85	0	TANK		MCR
20038	DST-9	1153	0002	04/01/85	0	TANK		
20039	DST-10	1388	0002	08/05/85	0	TANK		OUTSIDE
20040	RST-1	MCR	0002	05/28/85	0	TANK		MCR
20041	RST-2	MCR	0002	01/11/85	0	TANK		MCR
20042	RST-3	MCR	0002	02/19/86	0	TANK		OUTSIDE
20043	RST-4	MCR	0002	04/24/85	0	TANK		OUTSIDE
20044	RST-5	MCR	0002	/ /	0	TANK		
20045	RST-6	MCR	0002	04/18/85	0	TANK		
20046	RST-9	MCR	0002	/ /	0	TANK		VOL=13500
20047	RST-8	MCR	0002	/ /	0	TANK		VOL=14400/OUT N
20048	RST-10	MCR	0002	06/09/85	0	TANK		?
20049			0002	/ /	0	TANK		OUTSIDE NORTH
20050			0002	/ /	0	TANK		OUTSIDE NORTH
20051	RST-7	MCR	0002	06/24/85	0	TANK		
20052			0002	/ /	0	TANK		OUTSIDE/EMPTY\
20053			0002	/ /	0	TANK		OUTSIDE
20054			0002	/ /	0	TANK		OUTSIDE
20055			0002	/ /	0	TANK		OUTSIDE WEST
20056			0002	/ /	0	TANK		OUTSIDE WEST
20057			0002	/ /	0	TANK		OUTSIDE WEST
20058			0002	/ /	0	TANK		OUTSIDE WEST
20059			0002	/ /	0	TANK		
20060	NA	NA	0002	/ /	0	TANK		CUS04
20061			0002	/ /	0	TANK		
20062			0002	/ /	0	TANK		
20063			0002	/ /	0	TANK		EMPTY

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
20064			0002	/ /	0	TANK		
20065			0002	/ /	0	TANK		
20066			0002	/ /	0	TANK		EMPTY
20067			0002	/ /	0	TANK		
20068			0002	/ /	0	TANK		
20069			0002	/ /	0	TANK		
20070	NA	NA	0002	02/18/87	1	DRUM	7	TRASH
20071	NA	NA	0002	02/18/87	1	DRUM	7	TRASH
20072	NA	NA	0002	02/17/87	1	DRUM	7	OILDRY
20073	NA	NA	0002	02/17/87	1	DRUM	7	OP OD
20074	NA	NA	0002	02/17/87	1	DRUM	7	OILDRY
20075	NA	NA	0002	02/18/87	1	DRUM	7	TRASH
20076	NA	MCR	0002	02/17/87	1	DRUM	6	
20077	D-18311	MCR	0002	02/17/87	1	DRUM	6	
20078	NA	MCR	0002	02/17/87	1	DRUM	6	OP
20079	NA	NA	0002	02/18/87	0	DRUM	7	ABSPAD
20080	NA	NA	0002	02/18/87	0	DRUM	7	ABSPAD
20081	NA	NA	0002	02/18/87	0	DRUM	7	ABSPAD
20082	OT-8578C	525	0002	03/31/84	1	DRUM	6	
20083	O-18734	1488	0006	/ /	1	DRUM	6	03-85
20084	NA	NA	0002	/ /	1	DRUM	6	NA
20085	OT-15058	1041	0002	/ /	1	DRUM	6	12-85
20086	OT-15058	1041	0002	/ /	1	DRUM	6	12-85
20087	OT-15058	1041	0002	/ /	1	DRUM	6	12-85
20088	OT-17593	1326	0002	/ /	1	DRUM	6	12-85
20089	NA	NA	0002	02/18/87	1	DRUM	6	
20090	NA	NA	0015	10/08/85	1	DRUM	6	OP
20091	NA	NA	0002	02/18/87	1	DRUM	7	TRASH
20092	NA	NA	0002	02/18/87	1	DRUM	7	TRASH
20093	M-18995	NA	0002	04/26/85	1	DRUM	6	
20115		NA	0002	/ /	0	OTHER		CRATE SHELLS
20116	NA	NA	0002	/ /	0	OTHER		TANKSHELLS ONLY
20117		NA	0002	/ /	0	OTHER		pallets in bldg
20118		1/2bagroom	0002	/ /	0	OTHER		1/2br see20119
20119		1/2bagroom	0002	/ /	0	OTHER		1/2br see20118
20120	NA	NA	0002	/ /	0	TRANSFORM.	1	SW.BOX CABNET
20121	NA	NA	0002	/ /	0	TRANSFORM.	1	SW BOX CABNET
20123		MCR	0002	/ /	0	TRANSFORM.	5	SWBC 6-10X5X1-6

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
20124	NA	NA	0002	/ /	0	TRANSFORM.	4	SWBOX CAB.
20125			0002	/ /	0	OTHER	4	PTRM16-2X8 X27-3
20126			0002	/ /	0	OTHER	4	PTFLTR4X9-7X3-9
20127			0002	/ /	0	TRANSFORM.	8	SWBC 3-7X3X1
20128	NA	NA	0002	/ /	0	TRANSFORM.	8	SWBC1-3X4-7X6
20129	NA	NA	0002	/ /	0	OTHER	8	DGRS3-6X4-6X3-8
20130	NA	NA	0002	/ /	0	OTHER	8	DGRS3-8X4-7X4-8
20131			0002	/ /	0	OTHER	8	BLISS28X15 X11
20132	NA	NA	0002	/ /	0	TRANSFORM.	8	SWBC5-6X1-7X5
20133	NA	NA	0002	/ /	0	TRANSFORM.	8	CAB3X2X6-6
20134	NA	NA	0002	/ /	0	TRANSFORM.	8	CAB3X1-6X6 -6
20135			0002	/ /	0	TRANSFORM.	8	SWBC5-7X1-9X5-6
20136	NA	NA	0002	/ /	0	OTHER	8	STAIRS SWB PUMP
20137			0002	/ /	0	TRANSFORM.	8	SWBC-2X3X4
20138	NA	NA	0002	/ /	0	TRANSFORM.	2	SWBC6X7X2
20139			NA	/ /	0	OTHER	10	AIRCOMP/OU TSIDE
20140			0002	/ /	0	TRANSFORM.	6	SWBOX CAB.
20141			0002	/ /	0	OTHER	6	TRANSPUMP6 X6X6
20142			0002	/ /	0	OTHER	6	TRANSEPUMP 6X6X6
20143			0002	/ /	0	OTHER	6	GC 1-5X1-7X4-11
20144			0002	/ /	0	OTHER	6	EQPMT-GC
20145			0002	/ /	0	OTHER	6	EQPMT-GC
20146			0002	/ /	0	OTHER	6	EQPMT-GC
20147			0002	/ /	0	OTHER	6	EQPMT COMPUTER
20148			0002	/ /	0	TRANSFORM.	7	SWBC4X3-7X 1-6
20149			0002	/ /	0	TRANSFORM.	7	SWBC7-2X2-6X2-6
20150			0002	/ /	0	TRANSFORM.	7	SWBC5-9X1-9X3-3

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
20151			NA	/ /	0	CRATE	7	TRSH-EPA
20152			NA	/ /	0	CRATE	7	TRSH-EPA
20153			NA	/ /	0	CRATE	7	TRSH-EPA
20154			NA	/ /	0	OTHER	7	MACHINERY
20155			NA	/ /	0	OTHER	7	MACHINERY
20156			NA	/ /	0	TRANSFORM.	7	CAB.1-9X3X 5-EPA
20157			NA	/ /	0	TRANSFORM.	7	CAB.4-2X1-8X3-2
20158			NA	/ /	0	OTHER	7	MACHINERY
20159			NA	/ /	0	OTHER	7	SWBDG
20160	P-023	MCR		/ /	0			
20160	WT-477	MCR	na	/ /	0	DRUM	8	OILDRY
20161	P-033	MCR		/ /	0			
20161	WT-553	MCR	na	/ /	0	DRUM	8	OILDRY
20162	WT-153	MCR	na	/ /	0	DRUM	8	TRSH
20163	P-003	MCR		/ /	0			
20163	WT-96	MCR	na	/ /	0	DRUM	8	TRSH
20164	WT-89	MCR	na	/ /	0	DRUM	8	TRSH
20165	WT-2125	MCR	NA	/ /	1	OTHER	8	COIL STEEL
20165	WT-2126	MCR		/ /	0			
20166	NA	NA		/ /	0	DRUM		
20167	NA	NA		/ /	0	DRUM		
20168	NA	NA		/ /	0	DRUM		C
20169	NA	NA		/ /	0	DRUM		C
20170	NA	NA		/ /	0	DRUM		C
20171	NA	NA		/ /	0	DRUM		C
20172	NA	NA		/ /	0	DRUM		C
20173	NA	NA		/ /	0	DRUM		C
20174	NA	NA		/ /	0	DRUM		C
20175	NA	NA		/ /	0	DRUM		S
20176	NA	NA		/ /	0	DRUM		S
20177	NA	NA		/ /	0	DRUM		S
20178	NA	NA		/ /	0	DRUM		
20179	NA	NA		/ /	0	DRUM		
20180	NA	NA		/ /	0	DRUM		S
20181	NA	NA		/ /	0	DRUM		
20182	NA	NA		/ /	0	DRUM		
20185	O-18536	1440	0201	08/03/85	1	DRUM	6	5GAL.
20186		NA	0002	03/06/87	1	TANK	2	
20187			0002	/ /	0	TANK	1	
20188		NA	0002	/ /	1	TANK	2	
20189			NA	/ /	0	TANK		
20204		NA	0002	/ /	0	OTHER	9	PUMP
20205	WT-270	MCR	na	/ /	0	DRUM	8	WHITE POWDER

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
20207	NA	76		/ /	0			
20208	WT-190	MCR	na	/ /	0	DRUM	8	ABSORB PADS
20219	WT-282	MCR	na	/ /	0	DRUM	8	BROKEN GLASS
20220	P-041	MCR		/ /	0			
20220	WT-405	MCR	na	/ /	0	DRUM	8	OILDRY
20221	P-040	MCR		/ /	0			
20221	WT-243	MCR	na	/ /	0	DRUM	8	SOIL
20222	P-012	MCR		/ /	0			
20222	WT-253	MCR	na	/ /	0	DRUM	8	OILDRY
20223	P-019	MCR		/ /	0			
20223	WT-401	MCR	na	/ /	0	DRUM	8	SOIL
20224	P-035	MCR		/ /	0			
20224	WT-603	MCR	na	/ /	0	DRUM	8	SOIL
20225	P-054	MCR		/ /	0			
20225	WT-593	MCR	na	/ /	0	DRUM	8	SOIL
20226	P-038	MCR		/ /	0			
20226	WT-392	MCR	na	/ /	0	DRUM	8	SOIL
20227	P-057	MCR		/ /	0			
20227	WT-798	MCR	na	/ /	0	DRUM	8	SOIL
20228	P-053	MCR		/ /	0			
20228	WT-681	MCR	na	/ /	0	DRUM	8	SOIL
20229	P-027	MCR		/ /	0			
20229	WT-603	MCR	na	/ /	0	DRUM	8	SOIL
20230	P-034	MCR		/ /	0			
20230	WT-347	MCR	na	/ /	0	DRUM	8	BLACK POWDER
20231	WT-295	MCR	na	/ /	0	DRUM	8	WHITE POWDER
20232	WT-642	MCR	na	/ /	0	DRUM	8	GRAVEL
20233	WT-691	MCR	na	/ /	0	DRUM	8	GRAVEL
20234	P-064	MCR		/ /	0			
20234	WT-207	MCR	na	/ /	0	DRUM	8	METAL STRIP
20235	P-058	MCR		/ /	0			
20235	WT-227	MCR	na	/ /	0	DRUM	8	ABSORB PADS
20236	P-056	MCR		/ /	0			
20236	WT-347	MCR	na	/ /	0	DRUM	8	SOIL
20237	P-046	MCR		/ /	0			
20237	WT-9616	MCR	na	/ /	0	DRUM	8	TRSH 85
20238	P-030	MCR		/ /	0			
20238	WT-269	MCR	NA	/ /	0	DRUM	8	BULK FROM P030
20239	P-030	MCR		/ /	0			

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20239	WT-212	MCR	NA	/ /	0	DRUM	8	BULK FROM P030
20240	P-013	MCR		/ /	0			
20240	P-030	MCR		/ /	0			
20240	WT-629	MCR	NA	/ /	0	DRUM	8	BULK FROM P030
20241	P-015	MCR		/ /	0			
20241	WT-326	MCR	NA	/ /	0	DRUM	8	BULK FROM P030
20242	W-9143	MCR	NA	/ /	0	DRUM	6	85 OP
20243	NA	MCR	0223	10/21/85	1	TRANSFORM.	3	CABNT.
20244	NA	NA	0002	03/02/87	1	OTHER	8	C.WALK
20245	NA	NA	NA	/ /	0	TRANSFORM.	8	INSIDE 3 PARTS
20246	NA	NA	NA	/ /	0	DRUM	7	OILDRY
20247			0002	/ /	1	CRATE	9	crshd cans
20248	NA	NA	0002	/ /	1	CRATE	9	crshd cans
20249	NA	NA	0002	/ /	1	CRATE	9	solidifeds ludge
20250			0002	/ /	0	CRATE	5	na empty
21702	NA	NA		/ /	0		0	
21704	NA	NA		/ /	0		0	
21705	NA	NA		/ /	0		0	
21706	NA	NA		/ /	0		0	
21707	NA	NA		/ /	0		0	
21708	NA	NA		/ /	0		0	
21709	NA	NA		/ /	0		0	
21711	NA	NA		/ /	0		0	
21713	NA	NA		/ /	0	DRUM		
21714	NA	NWH2		/ /	0	DRUM		
21715	NA	NWH3		/ /	0	DRUM		
21716	NA	NWH4		/ /	0	DRUM		
21717	NA	NWH		/ /	0	DRUM		
21718	NA	NWH9		/ /	0	DRUM		8126187
21719	NA	NWH8		/ /	0	DRUM		
21721	NA	NA		/ /	0	DRUM		
21724	NA	NA		/ /	0	DRUM		
50001				/ /	0	DRUM		CARB FILT RESID
50002				/ /	0	OTHER		OUTSIDE PALLETS
50003				/ /	0	OTHER		OUTSIDE SCP MTL
50004				/ /	0	DRUM		S BLDG EMP DRUM
86123		1665	0129	10/08/85	2	DRUM	6	5

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86125		1665	0129	10/08/85	2	DRUM	6	
86126		1665	0129	10/08/85	2	DRUM	6	5
86133		1665	0129	10/08/85	2	DRUM	6	
86135		1665	0129	10/08/85	2	DRUM	6	5
86136		1665	0129	10/08/85	2	DRUM	6	
86137		1665	0129	10/08/85	2	DRUM	6	5
90351	NA	NA		08/27/85	0	TRANSFORM.	3	
90715			0002	07/03/84	2	CRATE	2	SHRCOR
91315			0002	/ /	2	CRATE	7	NA 27CAPS
93105		1751	0002	05/23/85	2	DRUM	7	SOIL
93106		7043	0002	05/13/85	2	DRUM	7	85 SOIL
93107		1751	0002	05/23/85	2	DRUM	7	L
93108		1751	0002	05/23/85	2	DRUM	7	SOIL
93112		1393	0002	06/18/85	2	DRUM	7	
93115		1325	0002	06/06/85	2	DRUM	7	OIL DR
93413		NA	0002	04/12/85	2	DRUM	7	5
93511		NA	0002	04/10/85	2	DRUM	7	
93537		NA	0002	05/29/85	2	DRUM	7	5
93615		NA	0072	04/03/84	2	DRUM	7	
93738		1800	0002	12/06/84	2	DRUM	7	
93739		1800	0002	06/14/85	2	DRUM	7	85 SOIL
93740		1800	0002	06/14/85	2	DRUM	7	
93741		1800	0002	06/14/85	2	DRUM	7	85
93782		MCR	0002	05/30/85	2	DRUM	7	5 SHRCOR
93783		MCR	0002	/ /	2	DRUM	7	NA SHRCOR
93784		MCR	0002	05/30/85	2	DRUM	7	5 SHRCOR
93785		MCR	0002	05/30/85	2	DRUM	7	OR
94353		1200	0002	07/24/00	2	DRUM	7	
94355		1700	0002	07/24/00	2	DRUM	7	OD
94356		1700	0002	07/24/00	2	DRUM	7	
94361		1700	0002	07/24/00	2	DRUM	7	
94362		1620	0002	06/24/00	2	DRUM	7	OIL
94364		1700	0002	04/29/85	2	DRUM	7	L
94376		NA	0002	02/27/85	2	DRUM	6	5
94494		MCR	0002	05/20/85	2	DRUM	7	OR
94522		MCR	0002	02/11/85	2	DRUM	7	5 SHRCOR
94535		8	0002	01/23/85	2	DRUM	7	H
94536		MCR	0044	01/06/85	2	DRUM	7	
94538		1109	0002	/ /	2	DRUM	7	NA
94556		MCR	0002	12/20/84	2	DRUM	7	OR
94658		NA	0002	/ /	2	DRUM	7	NA
94659		NA	0002	/ /	2	DRUM	7	NA
94735		NA	0002	02/21/85	2	DRUM	6	5
94737		NA	0002	02/27/85	2	DRUM	6	
94931		NA	0002	/ /	2	DRUM	7	5-85 TRSH
94936		1800	0002	06/14/85	2	DRUM	7	

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Article Number	Warehouse Number	Manifest Number	Gen. Code CSI	Date on Item	No. Tags	Container Type	Loc	Remarks
94937		1800	0002	06/14/85	2	DRUM	7	85
94938		1800	0002	06/14/85	2	DRUM	7	
94939		1800	0002	06/14/85	2	DRUM	7	85 SOIL
94944		MCR	0002	05/30/85	3	DRUM	7	OR
94956		MCR	0002	05/23/85	2	DRUM	7	5 SHRCOR
95031		NA	0002	02/21/85	2	DRUM	6	
95034		NA	0002	03/12/85	2	DRUM	6	5
95272		1700	0002	11/19/85	2	DRUM	6	OD
95847		NA	0002	05/14/84	2	DRUM	6	
95909		MCR	0002	04/11/85	2	DRUM	6	5 SHRCOR
95911		MCR	0002	05/21/85	2	DRUM	6	OR
95932		MCR	0002	01/29/85	2	DRUM	6	5 SHRCOR
95967		NA	0002	/ /	2	DRUM	6	NA
95968		MCR	0002	/ /	2	DRUM	6	SHRCOR
95977		939	0001	11/29/84	2	DRUM	6	COR
95978		MCR	0002	04/29/85	2	DRUM	6	COR
95980		MCR	0002	05/02/85	2	DRUM	6	SHRCOR
95984		MCR	0002	03/11/85	2	DRUM	6	COR
95990		MCR	0002	05/02/85	2	DRUM	6	SHRCOR
95991		MCR	0002	04/29/85	2	DRUM	6	COR
95992		MCR	0002	04/29/85	2	DRUM	6	SHRCOR
95999		MCR	0002	02/19/85	2	DRUM	6	COR
96015		NA	0002	11/02/83	2	DRUM	6	
96214		MCR	0002	02/25/85	2	DRUM	6	COR
96216		MCR	0002	02/20/85	2	DRUM	6	SHRCOR
96217		MCR	0002	02/20/85	2	DRUM	6	COR
96261		NA	0006	/ /	2	DRUM	6	FLTR
96262		NA	0063	07/23/85	2	DRUM	6	
96306		MCR	0002	02/14/85	2	DRUM	6	SHRCOR
96432		NA	0002	/ /	2	DRUM	6	NA SHRCOR
96513		MCR	0002	09/14/84	2	DRUM	6	SHRCOR
96670		NA	0002	02/26/86	2	DRUM	6	
96742		NA	0002	07/05/85	2	DRUM	6	
97336		MCR	0010	07/03/84	2	DRUM	6	4 SHRCOR
97405		MCR	0002	/ /	2	DRUM	6	NA SHRCOR
97413		MCR	0002	03/06/85	2	DRUM	6	SHRCOR
97628		MCR	0065	09/23/84	2	DRUM	6	OR
97642		MCR	0002	/ /	2	DRUM	6	SHRCOR
97756		1219	0002	03/18/85	2	DRUM	6	L
97775		NA	0002	03/27/85	2	DRUM	6	L
97776		NA	0002	03/27/85	2	DRUM	6	SOIL
97791		NA	0017	03/31/85	2	DRUM	6	L
98266		NA	0001	03/22/85	2	DRUM	6	OD DEB
98767		1751	0002	05/23/85	2	DRUM	6	L
98768		1751	0002	12/18/85	2	DRUM	6	SOIL
98779		1636	0002	08/14/85	2	DRUM	6	

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98780		1636	0002	08/14/85	1	DRUM	6	DEB
99616		1778	0002	/ /	2	DRUM	3	NA
199771	NA	NA		/ /	0			