State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Telephone (505) 428-2500
Fax (505) 428-2567
www.nmenv.state.nm.us

BILL RICHARDSON
GOVERNOR

RON CURRY
SECRETARY

DERRITH WATCHMAN-MOORE
DEPUTY SECRETARY

SKFA 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 29, 2003

Mr. Keith Pomonis
Lead EH&S Manager
Safety-Kleen Corp.
6625 W. Frye Road
Chandler, Arizona 85226

SUBJECT: OPERATING PERMIT
SAFETY-KLEEN SYSTEMS, INC.
FARMINGTON SERVICE CENTER
EPA ID# NMD980698849
HWB-SKFA-00-001

Enclosed is the final permit, issued pursuant to the Resource Conservation and Recovery Act (RCRA), as amended (42 USC 6901, *et seq.*) and the New Mexico Hazardous Waste Act (Section 74-4-1 *et seq.*, Repl. Pamp. 1993). This Permit, (Permit Number NMD980698849-2) authorizes hazardous waste transfer and storage at the Safety-Kleen Systems, Inc. Farmington Service Center located in Farmington, New Mexico. Compliance with the conditions of this Permit constitutes compliance with the hazardous waste regulations for hazardous waste management for the duration of this Permit, unless modified, suspended or revoked. The effective date of this Permit is 30 days from the date of the Signature on the Permit certificate.

A Public Notice of the draft Permit and public comment period was issued on July 2, 2003 and continued through August 18, 2003. There were no comments received during the public comment period.

Please contact Mr. Robert Warder, P.E. of my staff at (505) 841-9040 if you have questions regarding the enclosed Permit.

Sincerely,

John E. Kieling
Manager
Permits Management Program

Enclosures

cc: S. Martin, NMED HWB (w/o enclosures)
L. King, EPA Region 6 (w/ enclosures)
W. Moats, NMED HWB (w/o enclosures)
R. Warder, P.E., NMED HWB (w/o enclosures)
Pam Allen, HWB (w/ enclosures)

File: SKFA 00-001, Operating Permit Issuance

RESOURCE CONSERVATION AND RECOVERY ACT
OPERATING PERMIT ATTACHMENTS
EPA ID NO. NMD980698849

Issued to

SAFETY KLEEN SYSTEMS, INC.

For the

SERVICE CENTER

Located in

FARMINGTON, SAN JUAN COUNTY, NEW MEXICO

Issued by

NEW MEXICO ENVIRONMENT DEPARTMENT
HAZARDOUS WASTE BUREAU
HAROLD RUNNELS BUILDING
1190 ST. FRANCIS DRIVE
P.O. BOX 26110
SANTA FE, NM 87502-6110

SEPTEMBER 2003

State of New Mexico
ENVIRONMENT DEPARTMENT

BILL RICHARDSON
GOVERNOR

RON CURRY
SECRETARY

CHARLES LUNDSTROM
DIVISION DIRECTOR
WATER & WASTE MANAGEMENT

HAZARDOUS WASTE FACILITY PERMIT

Permittee: Safety Kleen Systems, Inc.
Farmington Service Center

EPA Identification Number: NMD980698849
Permit Number: NMD980698849-2

The Permittee shall comply with all terms and conditions of this Permit. This Permit consists of the terms and conditions herein including those in the Attachments.

This Permit is based on the assumption that all information contained in the Permit Application and the administrative record is accurate and that hazardous waste management activities at the Facility will be conducted as specified. Any inaccuracies found in the submitted information may be grounds for the termination or modification of this Permit in accordance with 20.4.1.900 NMAC, incorporating 40 CFR '270.41, '270.42, and '270.43, and 20.4.1.901 NMAC and for potential enforcement action.

This Permit shall become effective 30 days after notice of the decision has been served on the Applicant, and shall remain in effect for ten years in accordance with the New Mexico Hazardous Waste Act, Section 74-4-4 unless modified, suspended or revoked under Section 74-4-4.2 or 20.4.1.900 NMAC, incorporating 40 CFR '270.41, '270.42, '270.43, and 20.4.1.901 NMAC, or continued in accordance with 20.4.1.900 NMAC incorporating 40 CFR '270.51, or issued for a duration that is less than the full allowable term in accordance with 20.4.1.900 NMAC incorporated at 40 CFR '270.50(c).

Signed this 26 day of September 2003.

by _____
Charles Lundstrom
Director
Water & Waste Management Division
New Mexico Environment Department

LIBRARY COPY

RESOURCE CONSERVATION AND RECOVERY ACT
OPERATING PERMIT
EPA ID NO. NMD980698849

Issued to

SAFETY KLEEN SYSTEMS, INC.

For the

SERVICE CENTER

Located in

FARMINGTON, SAN JUAN COUNTY, NEW MEXICO

Issued by

NEW MEXICO ENVIRONMENT DEPARTMENT
HAZARDOUS WASTE BUREAU
HAROLD RUNNELS BUILDING
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SEPTEMBER 2003

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ATTACHMENTS

1 DESCRIPTION AND DESIGN AND OPERATION OF THE FACILITY

2 AUTHORIZED WASTES AND PART A APPLICATION

3 WASTE ANALYSIS PLAN

4 SECURITY PLAN

5 INSPECTION PLAN AND SCHEDULE

6 PREPAREDNESS AND PREVENTION

7 CONTINGENCY PLAN

8 MANIFESTING, REPORTING AND RECORD KEEPING

9 PERSONNEL TRAINING

10 CLOSURE PLAN

11 CORRECTIVE ACTION UNITS

12 FINANCIAL ASSURANCE AND CLOSURE COST ESTIMATES

PART 1
GENERAL PERMIT CONDITIONS

PART 1
GENERAL PERMIT CONDITIONS

1.1 INTRODUCTION

This Part contains conditions pertaining to all hazardous waste storage facilities permitted under the New Mexico Hazardous Waste Act NMSA 1978, Sections 7-4-4-1 et. seq. (Repl. Pamp. 1993) (HWA) and the Resource Conservation and Recovery Act 42 U.S.C. Section 6901 et. seq. (RCRA).

1.2 EFFECT OF PERMIT

The Secretary of the New Mexico Environment Department (Secretary) issues this Permit to Safety-Kleen Systems Inc. (Permittee) Service Center, located in Farmington, New Mexico, the owner and operator, of a 12,000-gallon spent solvent above ground storage tank and one container storage unit (EPA I.D. Number NMD980698849). This Permit authorizes the Permittee to accept, manage, store, and transfer off-site hazardous waste at the Facility, and establishes the general and specific standards for these activities, pursuant to the New Mexico Hazardous Waste Act and the New Mexico Hazardous Waste Regulations, 20.4.1.100 NMAC et. seq.

Compliance with this permit during its term constitutes compliance, for purposes of enforcement, with 20.4.1.500 and 20.4.1.800 NMAC, which incorporate 40 CFR Parts 264 and 268, only for those management practices specifically authorized by this permit. The Permittee must also comply with 20.4.1.100, 20.4.1.200, 20.4.1.300, and 20.4.1.400 NMAC, which incorporate 40 CFR Parts 260, 261, 262, and 263, to the extent the requirements of those Sections are applicable. The Permittee must also comply with all applicable self-implementing provisions imposed by statute or rule.

Compliance with this Permit shall not constitute a defense to any order issued or any action brought under HWA Sections 74-4-10.E or 74-4-13; RCRA Sections 3008(a), 3008(h), 3013, 7002, or 7003 (42 U.S.C. 6928(a) and (h), 6934, and 6973); Sections 104, 106(a), and 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA - 42 U.S.C. 9601 et. seq.), or any other law providing for protection of public health or the environment. This Permit does not convey any property rights of any sort or any exclusive privilege, nor authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local laws or regulations, in

accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.4 and 40 CFR 270.30(g)).

The complete Permit consists of Permit Parts 1 through 7 and Permit Attachments 1 through 12 as follows:

Part 1	-	General Permit Conditions
Part 2	-	General Facility Conditions
Part 3	-	Storage of Hazardous Waste in Containers
Part 4	-	Storage of Hazardous Waste in Tanks
Part 5	-	Corrective Action
Part 6	-	Subpart BB Standards for Equipment Leaks
Part 7	-	Subpart CC Standards for Organic Air Emissions
Attachment 1	-	Description and Design and Operation of the Facility
Attachment 2	-	Authorized Wastes and Part A Application
Attachment 3	-	Waste Analysis Plan
Attachment 4	-	Security Plan
Attachment 5	-	Inspection Schedule
Attachment 6	-	Preparedness and Prevention
Attachment 7	-	Contingency Plan
Attachment 8	-	Manifesting, Reporting, and Record Keeping
Attachment 9	-	Personnel Training
Attachment 10	-	Closure Plan
Attachment 11	-	Corrective Action Units
Attachment 12	-	Financial Assurance and Closure Cost Estimate

1.3 PERMIT ACTIONS

1.3.1 Term of Permit

This Permit shall be effective for a fixed period of ten (10) years from the effective date of issuance as specified in the

Permit certificate and shall not be extended by modification beyond the maximum duration in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.50(a) and (b)).

1.3.2 Permit Modification, Suspension and Revocation

This Permit may be modified, suspended, terminated, re-issued, or revoked for cause as specified in HWA Section 74-4-4.2 and 20.4.1.900 NMAC (incorporating 40 CFR 270.41 through 270.43). The filing of a request by the Permittee for a permit modification, suspension, termination, re-issuance, or revocation, or the notification of planned changes or anticipated noncompliance, shall not stay any permit condition, in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.30(f)).

1.3.3 Permit Renewal

The Permittee shall renew this Permit by submitting an application for a new permit at least one hundred eighty (180) calendar days before the expiration date of this Permit pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.10(h) and 270.30(b)).

1.3.4 Continuation of Expiring Permit

If the Permittee has submitted a timely and complete application for renewal of this Permit as specified in 20.4.1.900 NMAC (incorporating 40 CFR 270.10 and 40 CFR 270.13 through 270.29), this Permit shall remain in effect until the effective date of the new Permit if, through no fault of the Permittee, the Secretary has not issued a new Permit on or before the expiration date of this Permit as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.51)).

1.3.5 Scope of Permit

This Permit authorizes the storage of hazardous wastes in the one designated container storage room of the Facility and the 12,000-gallon spent solvent storage tank as defined herein, and at no other locations at the Facility.

1.4 PERMIT CONSTRUCTION

1.4.1 Citations

Whenever provisions of this Permit or of the New Mexico Hazardous Waste Management Regulations (HWMR), 20.4.1 NMAC (incorporating 40 CFR Parts 260 through 270) are cited, the citation shall include all subordinate provisions of the cited provision paragraphs of this Permit or of the HWMR. When subordinate

sections are cited, such citations shall include all subsections of the cited paragraphs.

If there is a conflict between the language of the Permit Parts and the language of the Permit Attachments, the language of the Permit Parts shall override the language in the Permit Attachments.

1.4.2 Severability

The provisions of the Permit are severable, and if any provision of this Permit, or any application of any provision of this Permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this Permit shall not be affected thereby.

1.5 DEFINITIONS

For purposes of this Permit, terms used herein shall have the same meanings as those in HWA, RCRA, and their implementing regulations, unless this Permit specifically provides otherwise. Where a term is not defined in HWA, RCRA, pursuant regulations, EPA guidelines or publications, or this Permit, the meaning associated with such a term shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

"Action levels" are health-based concentrations of hazardous constituents determined by the Secretary to be indicators for the protection of human health and/or the environment.

"Area of Concern (AOC)" means any discernable area that may have a release of hazardous waste or hazardous constituents, which is a solid waste management unit (SWMU) and which the Secretary determines may pose a threat to human health or the environment.

"Container Storage Unit" (CSU) means the Safety-Kleen Systems Inc. Farmington Service Center Container Storage Facility comprised of one hazardous waste storage room.

"Corrective Action Management Unit" (CAMU) includes any area within the Safety-Kleen Systems Inc. Farmington Service Center that is designated by the Secretary under the HWA, and its regulations, for the purpose of implementing corrective action requirements. A CAMU shall only be used for the management of remediation wastes while implementing corrective measures requirements at the Facility.

"Corrective Measures" includes all corrective action necessary to protect human health and the environment for all releases of

hazardous waste or hazardous constituents from any solid waste management unit at the Facility, regardless of the time at which waste was placed in the unit, as required under Section 74-4-4.2.B of the HWA and 20.4.1.500 NMAC (incorporating 40 CFR 264.101)). Corrective measures may address releases to air, soils, surface water or groundwater.

"Extent of Contamination" is defined as the horizontal and vertical area in which the concentrations of hazardous constituents in the environmental media being investigated are above detection limits or background concentrations indicative of the region, whichever is appropriate as determined by the Secretary.

"Facility" means Safety-Kleen Systems Inc. Farmington Service Center, located in Farmington, NM, including all contiguous land, and structures, other appurtenances, and improvements on the land, used for managing, accepting, and storing hazardous waste, located at 4210 A. Hawkins Road, Farmington, NM 87401. For the purposes of implementing any provision of the HWA, RCRA, and this Permit including, but not limited to, corrective action under 20.4.1.500 NMAC (incorporating 40 CFR 264.101), or RCRA Section 3008(h), HWA 74-4-10.E, the Facility includes all contiguous property under the control of the owner or operator seeking a permit under 20.4.1 NMAC, incorporating 40 CFR 260 through 40 CFR 270 pursuant to 20.4.1.100 NMAC (incorporating 40 CFR 260.10).

"Foreign Source" refers to hazardous waste generated outside the United States of America.

"Hazardous Constituents" are those substances listed in 20.4.200 NMAC (incorporating 40 CFR 261 Appendix VIII), and 20.4.1.500 NMAC (incorporating 40 CFR 264 Appendix IX).

"Hazardous Waste" means a hazardous waste as defined in Section 74-4-3 (I) of HWA, and 20.4.1.200 NMAC (incorporating 40 CFR 261.3).

"Interim Measures" are actions necessary to minimize or prevent the further migration of contaminants and limit actual or potential human and environmental exposure to contaminants while long-term corrective action remedies are evaluated and, if necessary, implemented.

"Off-Site Source" means a generator of hazardous waste located within the United States of America, but outside the Permittee's Facility boundary.

"Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching,

dumping, or disposing of any hazardous waste or hazardous constituents into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous waste or hazardous constituents).

"Remediation Waste" for the purposes of this permit includes all solid and hazardous wastes, and all media (including groundwater, surface water, soils, and sediments) and debris, which contain listed hazardous wastes or which themselves exhibit a hazardous waste characteristic, that are managed for the purpose of implementing corrective action requirements. For the Facility, remediation wastes may originate only from within the Facility boundary, but may include releases beyond the Facility boundaries.

"Secretary" means the Secretary of the New Mexico Environment Department or his/her designee or authorized representative.

"Solid Waste Management Unit" (SWMU) means any discernible waste management unit or area at a RCRA facility in which solid waste has been placed at any time, and from which the Secretary determines there may be a risk of a release of hazardous constituents, regardless of whether the SWMU is or ever was intended for the management of solid or hazardous waste. Placement of solid waste includes one time and accidental events that were not remediated, as well as any unit or area at which solid waste has been routinely and systematically placed.

1.6 DUTIES AND REQUIREMENTS

1.6.1 Duty to Comply

The Permittee shall comply with all conditions in this Permit, except to the extent and for the duration such noncompliance is authorized in an emergency permit specified in 20.4.1.900 NMAC (incorporating 40 CFR 270.61). Any permit noncompliance, except under the terms of an emergency permit, constitutes a violation of HWA and/or RCRA and may subject the Permittee, its successors and assigns, officers, directors, employees, parents, or subsidiaries, to an administrative or civil enforcement action, including civil penalties and injunctive relief, under Section 74-4-10 or Section 74-4-10.1 of HWA or Sections 3008(a) and (g), 7002, or 7003 of RCRA; to permit modification, suspension, reissuance, termination, revocation, denial of a permit application modification request under Section 74-4-4.2 of HWA; to criminal fines or imprisonment under HWA Section 74-4-11 or Section 3008(d), (e), or (f) of RCRA; or to a combination of the foregoing pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.30(a)).

1.6.2 Duty to Reapply

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, the Permittee shall apply for and obtain a new Permit. The Permittee shall submit a complete application for a new Permit at least 180 calendar days before the expiration date of this Permit, unless permission for a later date has been granted by the Secretary in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.10(h) and 40 CFR 270.30(b)). The Secretary shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

1.6.3 Transfer of Permit

The Permittee shall not transfer this Permit to any person except after providing notice to and receiving approval from the Secretary. The prospective new owner or operator must file a disclosure statement with the Secretary as specified in Section 74-4-4.7 of HWA. The Secretary may require modification or revocation and re-issuance of this permit in accordance with 20.4.1.900 NMAC and 20.4.1.901 NMAC (incorporating 40 CFR 270.40(b) and 40 CFR 270.41(b)(2)).

Before transferring ownership or operation of the Facility during its active operating life or post-closure care period, the Permittee shall notify the new owner or operator in writing of the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264) and 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(3) and 40 CFR 270.40)) pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.12(c)), and of this Permit.

1.6.4 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms of this Permit, as provided by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(c)).

1.6.5 Duty to Mitigate

In the event of noncompliance with this Permit, the Permittee shall take all reasonable steps to minimize releases to the environment, and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment, as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(d)).

1.6.6 Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(e)).

1.6.7 Duty to Provide Information

The Permittee shall furnish, within a reasonable time, any relevant information the Secretary requests to determine whether cause exists for modifying, suspending, or revoking this Permit, or to determine compliance with this Permit. The Permittee shall also furnish to the Secretary, upon request, copies of records required to be retained by this Permit pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.74(a)) and 20.4.1.900 NMAC (incorporating 40 CFR 270.30(h)).

Permit Condition 1.6.7 shall not be construed to limit, in any manner, the Secretary's authority under Section 74-4-4.3 of HWA, or Section 3007(a) of RCRA.

1.6.8 Inspection and Entry

The Permittee shall allow the Secretary, or authorized representatives, upon the presentation of credentials and other documents as may be required by law, the following entry and inspection privileges as specified in 20.4.1.900 NMAC (incorporating 40 CFR 270.30(i)):

Permit Condition 1.6.8 shall not be construed to limit, in any manner, the Secretary's authority under Section 74-4-4.3 of HWA, or Section 3007(a) of RCRA.

1.6.8.a Entrance to premises

The Permittee shall allow the Secretary, or authorized representatives, upon the presentation of credentials and other documents as may be required by law, to enter at reasonable times into the Permittee's premises where the regulated Facility or activity is located or conducted, or where records must be kept

under the conditions of this Permit as specified in 20.4.1.900 NMAC, incorporating 40 CFR 270.30(i);

1.6.8.b Access to Records

To have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

1.6.8.c Inspection

To inspect at reasonable times the Facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and

1.6.8.d Sampling

To sample or monitor at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized by RCRA and/or HWA, any substances or parameters, including soil, surface water, and ground water at the Facility.

1.6.9 Monitoring and Records

1.6.9.a Representative sampling

For purposes of monitoring, the Permittee shall take samples and measurements representative of the monitored activity as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(j)(1)), and the procedures specified in Permit Condition 2.5.2.

1.6.9.b Record retention

The Permittee shall retain records of all ground water monitoring information, including all calibration and maintenance records, well logs, copies of all reports and records required by this Permit, the waste minimization certification required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73 (b)(9)), and records of all data used to complete the Permit Application for a period of at least three (3) years from the date of the sample, measurement, report, record, certification, or application as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(j)(2)). This period may be extended by request of the Secretary at any time and is automatically extended during the course of any unresolved enforcement action regarding this facility.

1.6.9.c Monitoring records contents

In accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.30(j)(3)), records of monitoring information shall include:

1. The dates, exact place, and times of sampling or measurements;

2. The names and qualifications of the individuals who performed the sampling or measurements;

3. The name and address of the laboratory or laboratories that performed the analyses;

4. The dates analyses were performed;

5. The names and qualifications of the individuals who performed the analyses;

6. The analytical techniques or methods used; and

7. The results of such analyses.

1.6.10 Reporting Requirements

1.6.10.a Reporting Planned Changes

The Permittee shall give notice to the Secretary, as soon as possible, of any planned physical alterations or additions to the permitted facility, in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(1));

1.6.10.b Reporting Anticipated Noncompliance

The Permittee shall give advance notice to the Secretary of any planned changes in the permitted facility or in any activities, which may result in noncompliance with Permit requirements, as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(2));

1.6.10.c Certification of Construction or Modification

If the Facility is modified, the Permittee shall not store hazardous waste in the modified portion of the permitted Facility, until the following conditions specified in 20.4.1.900 NMAC (incorporating 40 CFR 270.30(1)(2)), have been satisfied;

1.6.10.c.i Submittal of statement

The Permittee has submitted to the Secretary, by certified mail or hand delivery, a letter signed by the Permittee and an independent professional engineer registered in New Mexico stating that the Facility modification meets the requirements of this Permit; and

1.6.10.c.ii Inspection by the Secretary

The Secretary has:

1. Inspected the modified or newly constructed portion of the CSU or the 12,000-gallon spent solvent storage tank and finds it is in compliance with conditions of this Permit; or

2. Waived the inspection or, within fifteen (15) calendar days from the date of submission of the letter required by Permit Condition 1.6.10.c.i, has not notified the Permittee of his intent to inspect.

1.6.10.d Twenty-Four Hour and Subsequent Reporting

1.6.10.d.i Oral report

The Permittee shall report to the Secretary any noncompliance which may endanger human health or the environment. Any such information shall be reported orally within 24 hours from the time the Permittee becomes aware of the circumstances, as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(1)(6)(i)). The report shall include the following:

1. Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies; and

2. Any information of a release or discharge of hazardous waste, or of a fire or explosion from the CSU, the 12,000-gallon spent solvent storage tank, or any other facility area, which could threaten the environment or human health outside the Facility.

The description of the occurrence shall include:

a. Name, address, and telephone number of the owner or operator;

b. Name, address, and telephone number of the Facility;

c. Date, time, and type of incident;

d. Name and quantity of material(s) involved;

e. The extent of injuries, if any;

f. An assessment of actual or potential hazards to the environment and human health outside the Facility, where this is applicable; and

g. The estimated quantity and disposition of recovered material that resulted from the incident.

1.6.10.d.ii Written report

The Permittee shall submit a written notice within 5 calendar days from the time the Permittee becomes aware of the noncompliance pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(6)(iii)). The Secretary may waive the five-day requirement in favor of a written report within 15 days.

The written notice shall contain the following:

1. A description of the noncompliance and its cause;

2. Name, address, and telephone number of the owner or operator;

3. Name, address, and telephone number of the Facility;

4. The period of the occurrence including exact date and time, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue;

5. Name and quantity of materials involved;

6. The extent of injuries, if any;

7. An assessment of actual or potential hazards to the environment and human health outside the Facility, where this is applicable;

8. Estimated quantity and disposition of recovered material that resulted from the incident; and

9. Steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

1.6.11 Contingency Plan Implementation

If the Contingency Plan provided in Permit Attachment 7 is implemented, the Permittee shall comply with the reporting requirements required by 20.4.1.500 NMAC (incorporating 40 CFR 264.56(j)).

1.6.12 Corrective Action

Corrective action required pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.101) shall continue under this Permit for any period necessary to comply with the requirements specified in Part V of this Permit.

1.6.13 Other Noncompliance

The Permittee shall report all other instances of noncompliance not otherwise required to be reported under this Permit at the time monitoring reports are submitted. The reports shall contain the information listed in Permit Condition 1.6.10.d.ii, as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(10)).

1.6.14 Other Information

Whenever the Permittee becomes aware that he failed to submit any relevant facts in the Permit Application, or submitted incorrect information in the Permit Application or in any report to the Secretary, the Permittee shall promptly submit such facts or information in writing to the Secretary as required by the requirements of 20.4.1.900 NMAC (incorporating 40 CFR 270.30(l)(11)).

1.6.15 Waiver of Defense.

In any judicial action brought in the United States District Court for the District of New Mexico under RCRA (or under the HWA), the Permittee waives all objections and defenses it may have to the jurisdiction of such Federal Court or to venue in such Federal District.

1.6.16 Admissibility of Data

In any administrative or judicial action to enforce a condition of this Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Permit.

1.7 SIGNATORY REQUIREMENT

The Permittee shall sign and certify all applications, reports, or information submitted to or requested by the Secretary or required by this Permit as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.11 and 270.30(k)).

1.8 REPORTS, NOTIFICATIONS, AND SUBMISSIONS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT

The Permittee shall submit by certified mail or hand delivery, all reports, notifications, or other submissions required by this Permit to be sent or given to the NMED. The submissions should be sent by certified mail or hand delivered to:

Manager

Permits Management Program

Hazardous Waste Bureau

New Mexico Environment Department

2905 Rodeo Park Drive East, Building 1

Santa Fe, New Mexico 87505-6303

Telephone Number: (505) 428-2500

Facsimile Number: (505) 428-2567

1.9 CONFIDENTIAL INFORMATION

The Permittee may claim confidentiality for any information required to be submitted by this Permit, to the extent authorized by Section 74-4-4.3 (D) of the HWA and 20.4.1.900 NMAC (incorporating 40 CFR 270.12).

1.10 DOCUMENTS TO BE MAINTAINED AT THE FACILITY

The Permittee shall maintain at the Facility, until completion of closure as specified in Permit Attachment 10, the following documents and all amendments, revisions and modifications to these documents:

1. *Waste Analysis Plan*, contained in Attachment 3, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.13(b)) and this Permit.

2. *Inspection Plan and Schedule*, contained in Attachment 5, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.15(b)(2)) and this Permit.

3. *Personnel Training* documents and records, contained in Attachment 9, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16(d)) and this Permit.

4. *Contingency Plan*, contained in Attachment 7, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.53(a)) and this Permit, and including summary reports and details of all incidents that require implementation of the Contingency Plan as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.56(j)).

5. *Operating Record*, contained in Attachment 8, *Manifesting, Reporting, and Record Keeping*, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73) and this Permit.

6. *Closure Plan*, contained in Attachment 10, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.112(a)) and this Permit.

7. Annually adjusted closure cost estimate as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.142(b) and (d)), and this Permit.

8. The names, addresses, and phone numbers of the Emergency Coordinator (EC) and all persons designated as alternate EC, as required by Permit Condition 2.13.4 and as shown in Attachment 7-3 of Permit Attachment 7, *Contingency Plan.*

9. A list of all equipment, as contained in the Permit Attachment 7-2, *Emergency Equipment List*, which must be regulated as required by 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart BB, and Subpart CC).

10. A signed duplicate copy of the liability policy required under Permit Condition 2.19.

PART 2
GENERAL FACILITY CONDITIONS

PART 2
GENERAL FACILITY CONDITIONS

2.1 INTRODUCTION

This Part sets forth the standards that every owner/operator of a Hazardous Waste Storage Facility is required to meet, in order to manage and store hazardous waste in the CSU and in the 12,000-gallon spent solvent aboveground storage tank in a manner protective of human health and the environment.

2.2 OPERATION AND MAINTENANCE OF THE FACILITY

The Permittee shall maintain and operate the Facility to minimize the possibility of a fire, explosion, or any unplanned, sudden or non-sudden release of hazardous waste or constituents to air, soil, ground water, or surface water, which could threaten human health, or the environment as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.31).

2.2.1 Hazardous Waste From Off-site Sources

The Permittee shall receive off-site hazardous waste in compliance with the requirements and conditions specified in this Permit. The Permittee shall only receive the hazardous waste listed in Permit Attachment 2, *Authorized Wastes and Part A Application*, for management and storage at the Facility.

2.3 REQUIRED NOTICES

2.3.1 Hazardous Waste Imports

The Permittee shall not accept wastes from a Foreign Source without prior authorization from the U. S. Environmental Protection Agency (EPA). The Permittee shall include the authorization in Facility operating record, and send a copy of the authorization document to the New Mexico Environment Department.

2.3.2 Required Notification To Off-Site Sources

Before the Permittee receives hazardous waste from an Off-Site Source for the first time, the Permittee shall inform the generator in writing that the Permittee has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The Permittee shall keep a copy of this written notice as part of the operating record as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.12(b)).

2.4 LAND DISPOSAL REGULATIONS

2.4.1 Prohibitions

The Permittee shall not place in any land disposal unit the wastes specified in RCRA Section 3004 unless the Secretary has established disposal or treatment standards for the hazardous waste and the Permittee meets such standards and other applicable conditions of this Permit.

The Permittee is prohibited, pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50(a)), from storing hazardous waste restricted from land disposal pursuant to 20.4.1.800 NMAC (incorporating 40 CFR part 268 Subpart C) unless the following conditions are met:

1. The Permittee stores such wastes in tanks, containers, or containment buildings on-site solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal;

2. The Permittee stores such wastes in tanks, containers, or in the CSU solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50(a)(2)), and;

    a. Each container is clearly marked to identity its contents and the date each period of accumulation begins; and

    b. Each tank is clearly marked with a description of its contents, the quantity of each hazardous waste received, and the date each period of accumulation begins, or such information is recorded and maintained in the Operating Record pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50(a)(2)(ii)).

The Permittee may store such wastes for up to one year unless the Secretary can demonstrate that such storage was not solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal as required in 20.4.1.800 NMAC (incorporating 40 CFR 268.50(b)).

The Permittee may store such wastes beyond one year, however the Permittee bears the burden of proving that such storage was

solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal as required in 20.4.1.800 NMAC (incorporating 40 CFR 268.50(c)).

The prohibition of 20.4.1.800 NMAC (incorporating 40 CFR 268.50(a)), does not apply to hazardous wastes that meet the treatment standards specified under 40 CFR 268.41, 40 CFR 268.42, and 40 CFR 268.43, or the treatment standards specified under the variance in 40 CFR 268.44, or where treatment standards have not been specified, or is in compliance with the applicable prohibitions specified in 40 CFR 268.32, or RCRA Section 3004 in accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268.50(e)).

2.4.2 Liquid Hazardous Wastes Containing Polychlorinated Biphenyls (PCBs)

The Permittee is prohibited from managing or storing liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 parts per million (ppm). Hazardous wastes with PCB concentrations in excess of 50 ppm must be regulated by a Toxic Substances Control Act (TSCA) permit from the United States Environmental Protection Agency (EPA), and must be stored at the Facility as required by the requirements of 40 CFR 761.65(b), and must be removed from storage and treated or disposed of within one year of the date when such wastes are first placed into storage as required by 20.4.1.800 NMAC (incorporating 40 CFR 268.50(f)). A copy of the TSCA Permit issued by the EPA for the storage of PCBs must be submitted to the New Mexico Environment Department before acceptance of such waste at the facility pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50).

2.4.3 Waste Minimization

The Permittee shall submit a certified plan in writing annually by December 1, for the previous year ending September 30, indicating that:

The Permittee has a program in place to reduce the volume and toxicity of all hazardous wastes which are generated by the Permittee's Facility operation to the degree determined to be economically practicable; and the proposed method of treatment, storage, or disposal is the most practicable method currently available to the Permittee which minimizes the present and future threat to human health and the environment. This certified plan shall address the items below:

1. Any written policy or statement that outlines goals, objectives, and/or methods for source reduction and recycling of hazardous waste at the Facility;

2. Any employee training or incentive programs designed to identify and implement source reduction and recycling opportunities;

3. Any source reduction and/or recycling measures implemented in the last five years or planned for the near future;

4. An itemized list of the dollar amounts of capital expenditures and operating costs devoted to source reduction and recycling of hazardous waste;

5. Factors that have prevented implementation of source reduction and/or recycling;

6. Sources of information on source reduction and/or recycling received at the Facility (e.g., local government, trade associations, suppliers, etc.);

7. An investigation of additional waste minimization efforts, which could be implemented at the Facility. This investigation shall analyze the potential for reducing the quantity and toxicity of each waste stream through production reformulation, recycling, and all other appropriate means. The analysis shall include an assessment of the technical feasibility, cost and potential waste reduction for each option;

   a. The certified plan shall also include:

      1. A flow chart or matrix detailing all hazardous wastes the Permittee's Facility produces, by quantity and type and by building/area;

      2. A written determination demonstrating the need to use those processes which produce a particular hazardous waste due to a lack of alternative processes, available technology, or available alternative processes that would produce less volume of hazardous waste;

      3. A written determination that shall demonstrate the applicability or inapplicability of the following waste minimization techniques:

When removing coating from parts (stripping wastes) before applying a new coat, avoid the use of:

1. Excess thinner;

2. Abrasive media stripping;

3. Bead-blasting for paint stripping; and

4. Clean coating equipment after each use.

When using solvents (spent solvent wastes) for parts cleaning operations:

1. The use of water-soluble cutting fluids instead of oil-based fluids;

2. The use of bead-blasting for paint-stripping;

3. The prevention of cross-contamination;

4. The use of peel coatings in place of protective oils; and

5. Reduce the number of different solvents.

A written determination that shall demonstrate the applicability/inapplicability of a continued annual reduction of hazardous waste streams on the Permittee's Facility from the milestone date of November 2001. The milestone date represents a 50% reduction from the effective date of the modified operating permit.

The Permittee shall include this certified plan in the operating record.

2.5 GENERAL WASTE CHARACTERIZATION

2.5.1 General Requirements

The Permittee shall not store or treat any hazardous waste at a permitted hazardous waste management unit at the Facility unless the hazardous waste has been fully characterized as specified by the characterization requirements of this Permit, including the Waste Analysis Plan (WAP) located in Permit Attachment 3 to demonstrate compliance with all waste characterization requirements of 20.4.1.500 NMAC (incorporating 40 CFR Part 264), specifically 40 CFR 264.13, 20.4.1.800 NMAC (incorporating 40 CFR Part 268), particularly 40 CFR 268.7 and 40 CFR 268.9.

The waste characterization requirements of this Permit do not apply to wastes stored at the Facility on a transfer basis (i.e., for less than ten (10) days) as described at 20.4.1.400 NMAC (incorporating 40 CFR 263.12). The containers shall be inspected to ensure they are in good condition and shall be segregated from

other profiled wastes, clearly identified as 10-day wastes along with the date of arrival.

The following types of waste shall not be accepted for management at the Facility:

1. DOT forbidden, Class 1, Division 1.1, 1.2, 1.3, and 1.4 explosives;

2. Pyrophoric wastes; and

3. Radioactive waste.

Waste characterization requirements are specified both in this Permit Section and the WAP. If there is a conflict between the conditions in this Permit Section and the conditions in the WAP, the conditions in this Permit Section shall supersede the conflicting conditions in the WAP.

The Permittee shall obtain the following hazardous waste characterization information at the waste's point of generation in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.9(c)) and 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subparts BB and CC):

1. All applicable EPA Hazardous Waste Numbers (i.e., waste codes) in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.13) and 20.4.1.800 NMAC (incorporating 40 CFR 268.9(a));

2. Whether the waste meets the applicable Land Disposal Restriction (LDR) treatment standards specified at 20.4.1.800 NMAC (incorporating 40 CFR 268.40, 40 CFR 268.45, and 40 CFR 268.49) in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(a) and (b)). To determine the applicable treatment standard(s) for each listed and/or characteristic waste code, the Permittee must obtain the following waste characterization information:

    a. Identify all applicable hazardous constituents as defined in 20.4.1.100 NMAC (incorporating 40 CFR 260.10) or underlying hazardous constituents (UHC), as defined in 20.4.1.800 NMAC (incorporating 40 CFR 268.2(i)), in the waste or in the treated residue, in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7 and 40 CFR 268.9 respectively), unless the waste will be treated and monitored for all constituents. The Permittee shall specifically address all inorganic

constituents listed on the table of Universal Treatment Standards at 40 CFR 268.48;

b. Identify the waste's treatability category (i.e., wastewater or non-wastewater) as defined at 20.4.1.800 NMAC (incorporating 40 CFR 268.2(d) and (f));

c. Whether the waste belongs to a treatment/regulatory subcategory as identified in table "Treatment Standards for Hazardous Wastes" at 20.4.1.800 NMAC (incorporating 40 CFR 268.40);

d. For hazardous debris as defined at 20.4.1.800 NMAC (incorporating 40 CFR 268.2(g)) to be treated with the alternative treatment technologies provided by 20.4.1.800 NMAC (incorporating 40 CFR 268.45), identify the contaminants subject to treatment as described at 20.4.1.800 NMAC (incorporating 40 CFR 268.45(b)); and

e. For contaminated soil subject to LDRs as provided in 20.4.1.800 NMAC (incorporating 40 CFR 268.49(a)), identify the constituents subject to treatment as described in 20.4.1.800 NMAC (incorporating 40 CFR 268.49(d)).

3. Whether air emission requirements in 20.4.1.500 NMAC (incorporating 40 CFR Part 264 Subpart BB) apply to a waste managed in equipment, in compliance 40 CFR subpart BB. This determination shall conform to Permit Condition 2.5.6.a; and

4. Whether air emission requirements in 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart CC) apply to a waste managed in a tank or container, in compliance with 40 CFR 264.1082. This determination shall conform to Permit Condition 2.5.6.b.

The Permittee shall characterize all hazardous wastes, prior to placement in a storage or treatment unit at the Facility, to determine the following in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.13(a)(1)):

1. Whether the waste is listed as an authorized waste in Permit Attachment 2, *Authorized Wastes and Part A Application*, and is not otherwise prohibited by the Permit;

2. The waste characteristics necessary to prevent the mixing or placing of incompatible wastes in the same container or in unacceptable proximity in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.17 and 40 CFR 264.177), or in a tank system in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.199). The Permittee shall characterize the waste sufficiently to prevent the impairment of containers by associated wastes in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.172), and to prevent the impairment of secondary containment systems by associated wastes in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.193(c)(1));

3. Characterization sufficient to prevent accidental ignition or reaction of ignitable or reactive wastes in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.17), in containers in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.177)), and tank systems in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.198); and

4. Whether the waste contains free liquids, as defined at 20.4.1.500 NMAC (incorporating 40 CFR 260.10 and 40 CFR 261.7(b)(1)).

2.5.2 Acceptable Knowledge

The Permittee shall obtain the waste characterization information required under Permit Section 2.5.1 above by real-time sampling and analysis, and/or by use of Acceptable Knowledge (AK). Acceptable Knowledge is defined in U.S. EPA's *Waste Analysis at Facilities that Generate, Treat and Dispose of Hazardous Wastes* (OSWER 9938.4-03, April 1994) as process knowledge and prior sampling data that may or may not conform to RCRA. Sampling and analysis is the preferred method, and the Permittee shall obtain characterization by sampling and analysis whenever feasible.

Acceptable Knowledge may be used as the sole method to characterize waste only when the waste is from processes that are well documented with supporting information that address all characterization requirements of this Permit, including the requirement to determine the LDR status of the waste as specified at Permit Condition 2.5.1, or if there is prior sampling and analysis data with documentation that demonstrates conformance to the sampling and analysis requirements of this Permit. Acceptable Knowledge shall be considered a suitable waste characterization method for waste that is an unused, commercial chemical product, reagent, or chemical of known physical and chemical constituents, for example is a P or U-listed EPA

Hazardous Waste Number under 20.4.1.200 NMAC (incorporating 40 CFR 261.33), and the waste is documented by a packaging label, a Material Safety Data Sheet, or equivalent information supplied by the manufacturer identifying the chemical content of the waste.

For treated wastes, hazardous constituents shall be identified utilizing current sampling and analysis (i.e., acceptable knowledge is not permitted) in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(b)).

2.5.2.a Acceptable Knowledge Documentation

The Permittee shall maintain documentation supporting the use of AK for each waste stream including all specific AK documentation assembled and used in the AK process, whether or not it supports the decision to use AK. This AK documentation shall be used to generate an AK Summary Report for each waste stream that shall be maintained in the Facility Operating Record in accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(a)(6)) and 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(3)).

For each waste stream, the Permittee shall maintain in the Operating Record, at a minimum, the following information supporting the use of process knowledge in the process knowledge documentation:

1. The location where the waste stream is generated;
2. Waste stream volume and time period of generation;
3. Description of the waste generating process; and
4. All material inputs or other information that identifies the chemical content and physical form of the waste stream.

2.5.3 Waste Sampling

The Permittee shall establish and utilize a Sampling and Analysis Plan (SAP) for each waste stream undergoing sampling. The SAP shall identify the appropriate sampling methods to characterize the waste stream in accordance with Permit Condition 2.5.1. The Permittee shall maintain the SAP in the specific waste's characterization documentation and shall document SAP compliance in the Facility's Operating Record for a minimum of three years from the date the waste was last stored (or treated).

The SAP shall identify the sample containers, preservation techniques, and holding times for each waste sampled. The SAP must conform to the most recent version of *Test Methods for*

Evaluating Solid Waste, Physical/Chemical Methods, (U.S. EPA Publication SW-846) Chapter 9, *Sampling Plan*. The SAP must ensure collection of a representative sample of wastes by means that preserve its original physical form and composition and ensure prevention of contamination or changes in concentration of the constituents to be analyzed. The SAP shall ensure sample collection meets the quality assurance objectives (QAO's) required under Permit Section 2.5.5. The number of samples of each waste shall be sufficient to demonstrate that the upper limit of the confidence interval for the population mean is less than the applicable regulatory threshold, in accordance with SW-846.

The Secretary may reject any data if it is determined to be unreliable for any reason.

2.5.4 Laboratory Analysis

The Permittee shall establish and utilize a Sampling and Analysis Plan (SAP) for each waste stream undergoing analysis. The SAP shall identify the appropriate laboratory analytical methods to characterize the waste stream in accordance with Permit Condition 2.5.1. The Permittee shall perform or obtain laboratory analysis of wastes in accordance with the conditions of this Permit Section, the WAP, and the SAP. The SAP shall identify the appropriate laboratory analytical methods, analytical detection limits, and analytical reporting limits. The Permittee shall maintain the SAP in the specific waste's characterization documentation and in the Facility's Operating Record.

If the Permittee wishes to use an analytical method other than that identified in the WAP, the Permittee shall submit a petition to use the alternative analytical method to NMED for its approval in accordance with 20.4.1.100 NMAC (incorporation 40 CFR 260.21).

If the Permittee uses an independent contract laboratory to perform analyses, the Permittee shall inform the laboratory in writing that it must operate under the waste analysis conditions set forth in this Permit.

When using laboratory analysis as part of a hazardous waste determination, the Permittee shall require the laboratory to report concentrations for all hazardous constituents listed at 20.4.1.800 NMAC (incorporating 40 CFR 268.48, Table of Universal Treatment Standards), that the analytical test method is capable of measuring. When using laboratory analysis to demonstrate that the waste meets its applicable LDR treatment standard concentrations specified at 20.4.1.800 NMAC (incorporating 40 CFR 268.40, Treatment Standards for Hazardous Wastes), in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(a) and (b)), the

Permittee shall demonstrate that analytical method detection limits (MDL's) are not higher than the treatment standard.

2.5.5 Quality Assurance (QA)/ Quality Control (QC)

The Permittee shall perform and record all waste characterization QA/QC procedures in accordance with SW-846 for data used to support waste characterizations required under this Permit Section. The statistical concepts of waste characterization precision, accuracy, completeness, comparability, and representativeness, as described at SW-846, shall be addressed. The Permittee shall maintain a record of all QA/QC determinations in a manner traceable to specific wastes in the Facility Operating Record.

When performing waste sampling required under this Permit Section, the Permittee shall use the applicable sample collection QA/QC procedures specified at SW-846, Chapter 1, Section 3.4, *Field QA and QC Requirements*, including, but not limited to, those dealing with equipment preparation and field equipment maintenance, calibration, and cleaning. The Permittee shall identify and perform the appropriate number of control samples associated with each sample collected, for example; trip and field blanks, field duplicates, and field spikes.

When performing laboratory analysis required under this Permit Section, the Permittee shall analyze method blanks, laboratory duplicates, and laboratory control samples to assess the quality of the data resulting from laboratory analytical programs.

The Permittee shall ensure, prior to placement of a waste in a storage or treatment unit at the Facility, that all waste characterization information is accurate by making the following determinations:

1. Whether the waste was characterized at the point of generation in compliance with Permit Condition 2.5.1, 20.4.1.800 NMAC (incorporating 40 CFR 268.9(c)), and 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subparts BB and CC));

2. Whether routinely generated wastes are re-characterized to ensure the waste's characterization is accurate and up to date in compliance with Permit Condition 2.5.5.a, *Characterization Re-evaluation Frequency*, and 20.4.1.500 NMAC (incorporating 40 CFR 264.13(a)(3));

3. Whether Facility personnel who perform waste characterization at the point of generation have appropriately identified when the process or operation

generating routinely generated wastes has changed in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.13(a)(3)(i)); and

4. Whether Facility personnel, including personnel who perform waste characterization at the point of generation, are trained in the applicable waste characterization requirements as required by 20.4.1.500 (incorporating 40 CFR 264.16)).

2.5.5.a Characterization Re-Evaluation Frequency

The Permittee shall re-evaluate the characterization of routinely generated wastes to ensure that the characterization remains accurate and up to date for subsequent batches of waste, in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.13(b)(4)). The results of the re-evaluation shall be thoroughly documented and placed in the operating record for a minimum of three years from the date the waste was last stored (or treated).

The Permittee shall perform re-evaluation of a waste in accordance with the following minimum requirements:

1. Annually to verify the accuracy of initial characterization results achieved. For wastes originally characterized through sampling and analysis, re-evaluation shall be achieved using the same sampling and analysis methodologies used in the initial analysis. For wastes characterized through AK, re-evaluation may be achieved through a review of AK information;

2. When there is a change in waste-generating processes. Any information that indicates a change in the process that generates the waste and may affect the waste shall cause the waste to be re-characterized; and

3. When the Permittee is notified by an off-site facility receiving hazardous waste from the Facility that the characterization of the waste received at the receiving facility does not match a pre-approved waste analysis certification or accompanying waste manifest or shipping paper. The Permittee shall notify NMED within 24 hours of their receipt of such a discrepancy notice from a receiving facility.

Wastes listed at 20.4.1.200 NMAC (incorporating 40 CFR 261.31, P and U listings) and for which the Permittee possesses an MSDS or equivalent information from the manufacturer identifying chemical

content are exempt from the re-evaluation requirements of this Permit Condition.

2.5.6 Air Emissions

The Permittee shall submit to NMED within three months of the effective date of this Permit a list of all locations at the Facility subject to the air emission control requirements at 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subparts BB and CC). The Permittee shall record the results of air emission waste characterization in the Facility Operating Record.

2.5.6.a Wastes Managed in Equipment

If the Permittee manages hazardous wastes at the Facility in equipment subject to the requirements of 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart BB), the Permittee shall characterize that waste in compliance with the requirements of this Permit Section. That characterization shall determine whether the equipment is in "light" or "heavy liquid" service or in "gas/vapor" service, as defined at 20.4.1.500 NMAC (incorporating 40 CFR 264.1031 and 264.1063(h)), and determine whether the organic concentration of the waste equals or exceed ten percent by weight, using one of the methods specified at 20.4.1.500 NMAC (incorporating 40 CFR 264.1063(d)). The Permittee shall use samples in making this concentration determination that are representative of the highest total organic content hazardous waste expected to contact the equipment, in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1063(g)).

2.5.6.b Air Emissions from Tanks and Containers

If the Permittee manages hazardous waste at the Facility in tanks or containers subject to the requirements of 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart CC), the Permittee shall characterize that waste to determine whether it has an average volatile organic (VO) concentration at the point of point of generation of less than 500 parts per million by weight (ppmw), in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1082(c)(1)). The average VO concentration shall be determined using the procedures specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.1083(a)). The Permittee shall review and update this waste characterization at least once every 12 months following the date of the initial determination for the wastes entering the unit subject to this Permit Condition.

The Permittee shall not be required to determine the volatile organic concentration of hazardous wastes in containers for the purpose of complying with this Permit Condition if the Permittee

controls air pollution emissions from *all* hazardous waste containers in accordance with the container construction specifications and operation requirements at 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(b)).

2.5.7 Wastes Received from Off-Site

The Permittee shall obtain from the off-site facility, a detailed chemical and physical analysis of any hazardous waste received at the Facility, in compliance with the Waste Analysis Plan located in Permit Attachment 3, and 20.4.1.500 NMAC (incorporating 40 CFR 264.13(c)). This characterization may be in the form of AK if all applicable waste characterization requirements specified in this Permit Section are met and documented.

The Permittee shall physically examine the shipment of waste from the off-site facility at the time of acceptance for correct documentation, including appropriate waste container identification and labeling. The Permittee shall not accept at the Facility a hazardous waste shipment from an off-site facility without Uniform Hazardous Waste Manifests and LDR Notification Forms, as applicable. If discrepancies are found, the Permittee shall notify NMED of the discrepancy within five days, and shall return the waste to the off-site facility within 90 days, unless the off-site facility provides acceptable resolution to the discrepancy within 90 days after receipt of the waste at the Facility.

2.5.8 Waste Shipped to an Off-Site Facility

Prior to off-Facility shipment of hazardous waste, the Permittee shall comply with all generator standards in 20.4.1.300 NMAC (incorporating 40 CFR Part 262), in compliance with 20.4.1.300 NMAC (incorporating 40 CFR 262.10(h)) and 20.4.1.500 NMAC (incorporating 40 CFR 264.71(c)), including the waste characterization necessary to facilitate appropriate packaging for transportation, including the U.S. DOT Proper Shipping Name, Hazard Class, an ID Number for each waste.

2.5.9 Treated Waste Requirements

The Permittee shall characterize treatment-derived wastes by determining whether the waste is a hazardous waste in compliance with the requirements of Permit Section 2.5 and in compliance with the notification and record keeping requirements specified at 20.4.1.800 NMAC (incorporating 40 CFR 268.7(b)(3)(ii), *Treatment Facility Paperwork Requirements Table*, Requirement #1), unless otherwise specified below.

Treatment-derived wastes, including wastes that are de-characterized and are no longer hazardous, shall be characterized by determining whether the waste meets the applicable Land Disposal Restriction (LDR) treatment standards specified at 20.4.1.800 NMAC (incorporating 40 CFR 268.40, 268.45, and 268.49) in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(b)). This characterization shall include the determination of the existence within the waste of any of the constituents of concern for F001-F005, and F039, in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(b)(3)(ii)), and underlying hazardous constituents in characteristic wastes as defined at 20.4.1.800 NMAC (incorporating 40 CFR 268.2), unless the waste will be treated and monitored for all constituents, in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(b)(3)(ii)). Treatment-derived waste characterization shall be performed by testing wastes in accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7 (b)(1) and (b)(2)).

2.5.10 Remediation Wastes

The Permittee shall characterize remediation waste, as defined at 20.4.1.100 NMAC (incorporating 40 CFR 260.10), in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1(j)). The Permittee shall characterize remediation waste, including contaminated soil, in compliance with all waste characterization requirements in this Permit Section 2.5, including, but not limited to; a hazardous waste determination, the identification of all applicable hazardous waste codes, and LDR status determination.

The Permittee shall obtain, at a minimum, the following information when characterizing remediation hazardous waste; the origin of the waste and how it was subsequently managed, the time and circumstances of the release that created the waste, and any investigation or other reports (e.g., RCRA Facility Investigation or SWMU Reports) describing the release.

2.5.11 Containerized Waste

The Permittee shall characterize hazardous wastes placed inside containers, including overpacked drums, to ensure that the wastes do not react dangerously with, decompose, or ignite sorbent material in the container, in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.316(c)), and to ensure that the wastes are not incompatible or reactive, in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.316(d)) and 264.317(e)). The Permittee shall characterize laboratory packs if they are intended to undergo the alternative treatment standards at 40 CFR 268.42 (c), as to whether they contain any of the prohibited hazardous wastes (i.e., EPA Hazardous Waste Codes specified at 40 CFR Part 268 Appendix IV).

2.5.12 Impermissible Dilution

The Permittee shall not dilute a restricted waste, or the residue from treatment of a restricted waste as a substitute for treatment in compliance with 20.4.1.800 (incorporating 40 CFR 268.3). Dilution to avoid an applicable treatment standard includes, but is not limited to, the addition of solid waste to reduce a hazardous constituent's concentration, and an ineffective treatment method that does not destroy, remove, or permanently immobilize hazardous constituents. Aggregating or mixing wastes as part of a legitimate treatment process are not considered impermissible dilution for purposes of this Permit Condition.

2.5.13 Waste Characterization Records

The Permittee shall record and maintain in the Facility Operating Record the results of waste analysis and waste determinations performed as specified in this Permit Section in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(3),(7),(10),(11),(12),(15), and (16)), and copies of the notification and certification statements required at Permit Condition 2.5.14. The requirements of this Permit Condition apply to solid wastes even when the hazardous characteristic is removed prior to disposal, or when the waste is excluded from the definition of hazardous or solid waste under 40 CFR 261.2 through 261.6, or exempted from Subtitle C regulation, subsequent to the point of generation, in accordance with 20.4.1.800 (incorporating 40 CFR 268.7(a)(8)). The Permittee shall maintain records of the LDR status determination for all wastes in accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(a)(6)).

2.5.14 Notification and Certification

The Permittee shall provide the notification and certification statements associated with the treatment and storage of hazardous wastes in compliance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7 and 268.9).

2.5.15 Generator Certification

The Permittee shall obtain a generator's signature on a certification for each small and large quantity generator pickup of parts washer solvent, immersion cleaner, or paint gun cleaner to be stored at the Facility under this Permit and maintain the certification in the Facility Operating Record. The certification shall contain the following wording:

"The Generator identified on the attached manifest number [insert manifest number] (herein after the "Generator") certifies under

penalty of law that the Generator has not mixed the solvent identified in the attached manifest with other material, that the Generator has not introduced any substances in the solvent which is regulated as hazardous waste or which contains polychlorinated biphenyls (PCBs), and that the Generator has not otherwise caused the alteration or the characteristics or components of the solvents."

Waste Characterization Documentation Table

Name	Location	Description
Waste Analysis Plan (WAP)	Permit Attachment 3	Permittee's commitments regarding waste characterization procedures. The WAP is a fully enforceable document. If contradictions exist between the WAP and the Permit, see Permit Condition 2.5.1.
Sampling and Analysis Plan (SAP)	Permit Conditions 2.5.3, 2.5.4, and 2.5.5	Required when sampling and analysis is required. See permit conditions for specifics.
Record of quality assurance/quality control determinations	Permit Condition 2.5.5	Regards waste sampling and analysis. Record traceable to a specific waste. See permit condition for specifics.
Record of waste re-evaluation	Permit Condition 2.5.5.a	See permit conditions for specifics.
Record of waste characterization	Permit Condition 2.5.9, and the WAP	General requirement to maintain a record of waste characterization results.
Record of evaluation of air emission control applicability	Permit Condition 2.5.6.b	Re-evaluation of average volatile organic concentration in wastes managed in containers and tanks to be performed annually. See permit condition for specifics.
LDR Notification and Certification Statements	Permit Condition 2.4, and the WAP	Accompanies manifest when waste is transferred off-site. Identifies all waste codes and underlying hazardous constituents associated with waste plus other information identified at 40 CFR 268.7(a).

Name	Location	Description
Uniform Waste Manifests	Not referenced in Permit or WAP but required at 40 CFR 262 Subpart B	Documents transfer of waste to an off-site TSDF.
Hazardous Waste Management Database	WAP	Documents amounts of wastes received and shipped off-site.
Waste disposal request form	WAP	Documents transfer of waste to an off-site TSDF.
LDR status determination records	WAP	Documents determination of LDR status.

2.5.16 Waste Analysis Plan (WAP)

The waste analysis plan, located in Permit Attachment 3, shall be modified, and submitted to the Secretary for approval, whenever a new waste product is collected or when sampling and material management methods change. The approved revision(s) to the WAP shall be provided to the Facility manager and training shall be conducted for appropriate personnel.

Changes to the waste analysis plan will be processed as minor modifications, pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42).

2.6 DUST SUPPRESSION

The Permittee shall not use waste or used oil or any other material, which is contaminated with dioxin, PCB, or any other hazardous waste, other than a waste identified solely on the basis of ignitability, for dust suppression or road treatment at the Facility pursuant to 20.4.1.700 NMAC (incorporating 40 CFR 266.23(b)).

2.7 SECURITY

In order to prevent the unknowing entry and minimize the possibility of unauthorized entry of persons into the Facility, the Permittee shall comply with the security provisions and procedures described in Permit Attachment 4, *Security Plan*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.14).

2.7.1 Barriers and Means to Control Entry

The Permittee shall maintain an artificial barrier (i.e. a fence in good repair) around the Facility as a means to control entry into the active portion of the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.14(b)(2)), and as specified in Permit Attachment 4, *Security Plan*.

The six-foot high chain link fence as described in Permit Attachment 4 shall be maintained around the Facility to prevent unauthorized personnel and livestock from gaining access to the Facility and its surrounding land. Access to the Facility shall only be through the gates described in Permit Attachment 4.

2.7.2 Warning Signs

Warning signs in English, Spanish, and Navajo, shall be posted at all the gates and around the fence, and at other locations of the Facility in sufficient numbers to be visible from all angles of approach to the facility. These signs must be legible from a distance of at least 25 feet from any approach to the perimeter fence, in compliance with the standards contained in 20.4.1.500 NMAC (incorporating 40 CFR 264.14(c)).

2.8 GENERAL INSPECTION REQUIREMENTS

2.8.1 Inspection Schedule

The Permittee shall implement the *Inspection Plan* contained in Permit Attachment 5, to detect any container and storage tank equipment malfunctions and/or deteriorations, operator errors, and discharges in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.15 (a)).

2.8.2 Inspection Frequency

The Permittee shall inspect monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment at the frequency specified in the weekly and monthly inspection schedules contained in Permit Attachment 5 and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.15(b)).

2.8.3 Remediation Of Equipment/Structures

The Permittee shall remedy any deterioration or malfunction of equipment or structures, which an inspection reveals as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.15(c)).

2.8.4 Inspection Log and Checklist

The Permittee shall use the inspection checklists contained in Permit Attachment 5, *Inspection Plan*. The Permittee shall record the date and time of the inspection, the name of the inspector, a notation of the observations made, and the date and nature of any repairs or other remedial actions in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.15(d)).

2.8.5 Inspection Records

The Permittee shall maintain inspection checklists in the Facility operating record for at least 3 years from the date of inspection as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.15(d)).

2.9 PERSONNEL TRAINING

The Permittee shall conduct personnel training following the procedures described in Permit Attachment 9, *Personnel Training*, and the following Permit Conditions as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16).

2.9.1 Personnel Training Requirements

The Permittee shall train all persons involved in the management and storage of hazardous waste in procedures relevant to the positions in which they are employed, as described in Permit Attachment 9, *Personnel Training*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16).

2.9.2 Personnel Training Content

The personnel training program shall include the courses and procedures described in Permit Attachment 9, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16(a) through (c)).

2.9.3 Personnel Training Records

The Permittee shall keep training records on current personnel until closure of the Facility. Training records on former employees shall be kept at the Facility office for at least 3 years from the date the employee last worked at the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16(d) and (e)).

2.10 LOCATION STANDARDS

Since the Facility is located within the boundaries of San Juan County, New Mexico, which is not listed in 40 CFR 264 Appendix

VI, *Political Jurisdictions in Which Compliance With 40 CFR 264.18(a) Must Be Demonstrated*, Section 2.10 is not applicable.

Because the Facility is not located within a 100-year floodplain, the Permittee is not required to comply with the floodplain standards specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.18(b)).

2.11 SPECIAL PROVISIONS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTES

The Permittee shall follow the procedures for managing and storing ignitable, reactive, and incompatible wastes set forth in Permit Attachment 1, *Description and Design and Operation of the Facility* and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.17).

2.12 PREPAREDNESS AND PREVENTION

2.12.1 Required Equipment

The Permittee shall maintain at the Facility the equipment set forth in Permit Attachment 7-2, *Emergency Equipment and Locations*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.32 and 40 CFR 264.52(e)).

The Permittee shall ensure the Facility alarm system is operating at all times in order to provide immediate emergency instruction, either voice or signal, to facility personnel in the event of an emergency pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.32(a)).

2.12.2 Testing and Maintenance of Equipment

The Permittee shall test and maintain the equipment specified in Permit Attachment 7-2 as necessary to assure its proper operation in time of emergency pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.33).

2.12.3 Access to Communications or Alarm System

The Permittee shall maintain access to the communications or alarm system as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.34).

2.12.4 Required Aisle Space

The Permittee shall maintain enough aisle space to allow the unobstructed movement of Facility personnel, fire protection equipment, spill control equipment, and decontamination equipment

to any area of Facility operation as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.35), and as described in Permit Attachment 1, *Description and Design and Operation of the Facility*.

2.12.5 Arrangements with Local Authorities

The Permittee shall maintain coordination agreements with the City of Farmington Fire Department and the San Juan Regional Medical Center as described in Permit Attachment 7, *Contingency Plan*. These arrangements shall be either Memoranda of Understanding or Mutual Aid Agreements between the Permittee and the off-site cooperating agencies, and shall include the elements required by 20.4.1.500 NMAC (incorporating 40 CFR 264.37 (a)). Copies and descriptions of these Memoranda of Understanding and Mutual Aid Agreements shall be maintained in the operating record at the Facility office as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.37(b)).

Where State or local authorities decline to enter into a such arrangements, the Permittee must document the refusal in the operating record, pursuant to 20.4.1.500 NMAC, incorporating 40 CFR 264.37(b).

2.13 CONTINGENCY PLAN

2.13.1 Implementation of Plan

The Permittee shall immediately implement the Contingency Plan contained in Permit Attachment 7, whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health, or the environment as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.51(b)). Emergency equipment and locations as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.52(e) is provided in Attachment 7-2.

2.13.2 Copies of the Plan

The Permittee shall maintain copies of the Contingency Plan and all revisions and amendments to the Plan at the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.53). The Permittee shall provide copies of the current Contingency Plan and all revisions to the Plan to the Secretary and all entities with which the Permittee has emergency Memoranda of Understanding or Mutual Aid Agreements as specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.53).

2.13.3 Amendments to Plan

The Permittee shall review and immediately amend, if necessary, the Contingency Plan, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.54).

2.13.4 Emergency Coordinator

An Emergency Coordinator and an alternate Emergency Coordinator, as specified in Permit Attachment 7-3, *Emergency Contacts*, shall be available at all times in case of an emergency. The Emergency Coordinator or alternate Emergency Coordinator shall be thoroughly familiar with the Contingency Plan and shall have the authority to commit the resources needed to implement the Contingency Plan pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.55). In the event of an imminent or actual emergency, the Emergency Coordinator shall activate the internal emergency alarms, notify the appropriate State or local agencies with designated response roles, and implement the other procedures as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.56), and as described in Permit Attachment 8, *Manifesting, Reporting, and Record Keeping*.

2.14 MANIFEST SYSTEM

The Permittee shall comply with the manifest requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.71, 40 CFR 264.72, and 40 CFR 264.76). The Permittee shall not accept for management or storage any hazardous waste from an off-site source without the accompanying manifest.

2.15 RECORD KEEPING AND REPORTING

In addition to the record keeping and reporting requirements specified elsewhere in this Permit and 20.4.1.500 NMAC (incorporating 40 CFR 264.73(a)), the Permittee shall comply with the following conditions:

2.15.1 Operating Record

The Permittee shall maintain all applicable documentation in the Facility operating record until closure of the Facility in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)).

The Permittee shall maintain a written operating record for each hazardous waste received until closure of the Facility pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)). The Permittee shall maintain a written operating record of all monitoring records for at least 3 years from the date of report, sampling, measurement, or certification and shall maintain all

records from ground water monitoring wells and associated ground water surface elevations for the active life of the Facility as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.30(j)(2)).

The Permittee shall retain in the Facility operating record, the information contained in the notice (except the manifest number), and the certification and demonstration if applicable, required by the generator or the owner or operator pursuant to 40 CFR 268.7, in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(16)).

2.15.2 Biennial Report

The Permittee shall comply with the biennial reporting requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.75).

2.15.3 Personnel and Telephone Number Changes

The Permittee shall inform the Secretary in writing of changes in its management personnel and telephone numbers within 15 calendar days of the changes.

2.16 GENERAL CLOSURE REQUIREMENTS

2.16.1 Performance Standard

The Permittee shall close the Facility following the procedures described in the Closure Plan outlined in Permit Attachment 10, *Closure Plan*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.111 and 40 CFR 264.112(a) and (b)).

2.16.2 Amendment to Closure Plan

The Permittee shall submit a written notification of or request for a Permit modification to authorize a change of the approved Closure Plan whenever necessary, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.112(c)).

2.16.3 Notification of Closure

The Permittee shall notify the Secretary in writing at least 45 calendar days prior to the date on which the Permittee expects to begin closure of the Facility and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.112(d)).

2.16.4 Time Allowed For Closure

Within 90 calendar days after receiving the final volume of hazardous waste, the Permittee shall remove all hazardous waste from the Facility to a permitted treatment, storage or disposal

facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.113(a)), following the schedule specified in Permit Attachment 10, *Closure Plan*, or as amended as required by Permit Condition 2.16.2.

Within 180 days after receiving the final volume of hazardous waste the Permittee shall complete final closure activities in accordance with the schedule specified in Permit Attachment 10, *Closure Plan*, or as amended as required by Permit Condition 2.15.2 pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.113(b)).

2.16.5 Disposal or Decontamination of Equipment, Structures, and Soils

The Permittee shall decontaminate or dispose of all contaminated equipment, structures, and soils, as specified in Permit Attachment 10, *Closure Plan*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.114). By removing any hazardous wastes or hazardous constituents during partial and final closure, the Permittee may become a generator of hazardous waste and therefore must handle that waste in accordance with 20.4.1.300 NMAC (incorporating 40 CFR 262).

2.16.6 Sampling for Metals, Organics and Halogenated Organics at the Facility

The Permittee shall collect soil and ground water samples at the Facility for metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Zinc), organics and halogenated organics using EPA approved methods in the latest copy of SW-846 and its updates, or an alternate method approved by the Secretary.

2.16.7 Certification of Closure

Within 60 calendar days from the date of completion of closure of the Facility, and within 60 calendar days of completion of final closure of the Facility, the Permittee shall provide to the Secretary, by registered mail, a final closure report and written closure certification signed by an independent professional engineer registered in the State of New Mexico, that the facility was closed as required by the procedures specified in Permit Attachment 10, *Closure Plan*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.115).

2.17 COST ESTIMATE FOR FACILITY CLOSURE

2.17.1 Cost Estimates

The Permittee shall provide a detailed written estimate, in current dollars, of the cost of closing the Facility in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.142(a)). The most recent closure cost estimate shall be inserted into Permit Attachment 12, *Financial Assurance and Closure Cost Estimates*.

2.17.2 Adjustment of Cost Estimates

During the active life of the Facility the Permittee shall adjust the closure cost estimate for inflation within 60 calendar days prior to the anniversary date of the establishment of the financial instrument(s) used to comply with 20.4.1.500 NMAC (incorporating 40 CFR 264.143), and Permit Condition 2.19, *Liability Requirements*, or when using an approved State required mechanism, upon such a date as required by the State pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.142(b)).

2.17.3 Revision of Cost Estimates

The Permittee shall revise the closure cost estimates within 30 calendar days after NMED approves a request to modify the Closure Plan if the change increases the cost of closure as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.142(c)).

2.17.4 Record Keeping

The Permittee shall maintain current cost estimates prepared in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.142(a) and (c)), and if the closure cost estimate was adjusted, the date of adjustment in the Facility operating record during the operating life of the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.142(d)).

2.18 FINANCIAL ASSURANCE FOR FACILITY CLOSURE

2.18.1 Submittal Of Financial Assurance Documentation

The Permittee shall establish financial assurance for closure of the Facility in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.143).

2.18.2 Changes To The Financial Assurance Instrument

The Permittee shall not change the financial assurance instrument without approval of the Secretary pursuant the applicable

financial assurance option referenced in 20.4.1.500 NMAC (incorporating 40 CFR 264.143).

2.19 LIABILITY REQUIREMENTS

2.19.1 Liability Coverage Amounts

The Permittee shall have and maintain liability coverage for sudden and accidental occurrences in the amount of one million dollars ($1,000,000) per occurrence, with an annual aggregate of at least two million dollars ($2,000,000), exclusive of legal defense costs in accordance with each applicable requirement of 20.4.1.500 NMAC (incorporating 40 CFR 264.147(a)).

The Permittee shall have and maintain liability coverage for nonsudden accidental occurrences in the amount of three million dollars ($3,000,000) per occurrence, with an annual aggregate of at least six million dollars ($6,000,000), exclusive of legal defense costs in accordance with each applicable requirement of 20.4.1.500 NMAC (incorporating 40 CFR 264.147(b)).

2.19.2 Submittal of Liability Documentation

The signed duplicate original of the liability policy required in compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.147) is contained in Permit Attachment 12, *Financial Assurance and Closure Cost Estimates*.

2.20 DISCLOSURE

As required by Section 74-4-4.7 of the HWA, the Permittee filed a disclosure statement with all requisite information with the New Mexico Environment Department. A copy of the letter from the New Mexico Department of Public Safety to NMED regarding background investigation conducted on Safety-Kleen Systems Inc., is included in Attachment 1-2 of Permit Attachment 1. If any information required to be included in the disclosure statement provided by the Permittee to comply with Section 74-4-4.7 of the HWA changes, or if any information is added after filing the statement, the Permittee shall provide that information to the Secretary within 30 calendar days after the change or addition. Failure to provide such information in a timely manner may constitute the basis for the revocation of this Permit.

2.21 INCAPACITY OF OWNERS OR OPERATORS, GUARANTORS, OR FINANCIAL INSTITUTIONS

2.21.1 Declaration Of Bankruptcy By Financial Institution

The Permittee shall notify the Secretary by certified mail of the commencement of bankruptcy, and the name of any guarantor within 10 calendar days after commencement of the proceeding as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.148(a)).

2.22 ESTABLISHMENT OF OTHER FINANCIAL ASSURANCE OR LIABILITY COVERAGE

The Permittee shall establish other financial assurance or liability coverage within 60 calendar days from the date the Trustee or institution issuing the surety bond, letter of credit, or insurance policy declares bankruptcy; otherwise the Permittee will be deemed to be without the required financial assurance pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.148(b)).

2.23 GROUND WATER MONITORING

The Permittee shall conduct quarterly ground water detection monitoring at the Facility, when it fails to achieve clean closure. The Permittee shall analyze ground water samples for the hazardous waste constituents contained in 20.4.1.200 NMAC (incorporating 40 CFR 261, Appendix VIII), that have been detected in the ground water at the monitoring wells, or are expected to be in, or derived from, waste stored at the Facility in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.93(a)).

2.24 ESTABLISHMENT OF A BASELINE

The Permittee shall conduct background soil sampling at the Facility in areas not impacted by waste management within 180 calendar days from the effective date of this Permit. Sampling locations shall be approved by NMED. The sampling activity is necessary for the establishment of baseline values that shall be used for reference during closure activities described in Permit Attachment 10, *Closure Plan*. The Permittee shall submit a copy of the background sample data to NMED.

2.25 TRANSPORTATION OF HAZARDOUS WASTE

The Permittee shall comply with all U.S. Department of Transportation, State, and local regulatory standards which apply to persons transporting hazardous waste within the United States and the State of New Mexico as required by 20.4.1.400 NMAC (incorporating 40 CFR 263); and any other local restrictions

established for transportation of hazardous waste in the affected communities.

PART 3
STORAGE OF HAZARDOUS WASTE IN CONTAINERS

PART 3
STORAGE OF HAZARDOUS WASTE IN CONTAINERS

3.1 INTRODUCTION

This Part contains the regulatory requirements for the Permittee to manage and store hazardous wastes at the Facility. The Permittee is authorized to manage and store in the Container Storage Unit (CSU) only those hazardous wastes listed in Permit Attachment 2, *Authorized Wastes and Part A Application*. Specific Facility and process information for the management, storage and transfer of hazardous waste, and a description of the CSU is provided in Permit Attachment 1. The location of the CSU is shown in Permit Attachment 1-3, *Container Storage Unit Layout*. The photographs located in Permit Attachment 1-1 show the interior of the CSU at the Facility.

The Permittee shall store a maximum of 3,820 gallons of hazardous waste in 55-gallon drums and smaller containers at any one time at the Facility. Attachment 1-1, Figure 1 shows the location of Safety-Kleen's Farmington New Mexico Service Center and Figures 4 and 5 show the surrounding off-site land use. Additional details on the construction and design of the CSU are included in Permit Attachment 1.

3.2 WASTE HANDLING BUILDING

The Permittee shall manage and store hazardous waste in the CSU building as specified in Permit Attachment 1, *Description and Design and Operation of the Facility*, subject to the following conditions:

3.2.1 Storage Containers

The Permittee shall manage and store hazardous waste in the containers specified by Permit Condition 3.4.1 of this Part.

3.2.2 Storage Locations and Quantities

The Permittee shall manage and store hazardous waste in containers in the CSU located within the physical boundary of the warehouse. The warehouse encloses an area of approximately 3060 square feet, which is further divided into the CSU, an office, rest room, a secure area for the storage of various Safety-Kleen products, and the 382-gallon secondary containment area for the CSU. The approximate area of the CSU is 475 square feet. The Permittee shall manage and store quantities of hazardous waste inside approved containers in this location not to exceed the maximum capacities specified in Table 3.1.

3.2.3 Storage Time Limit

The Permittee shall not store any hazardous waste in the CSU for more than 1 year pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50(b)) except as provided in Permit Condition 2.4.1.

3.2.4 Storage on Concrete Floor

The Permittee shall separate, by waste type and compatibility, hazardous waste containers unloaded from trucks transporting hazardous waste from off-site generators to the Facility in the CSU. The CSU shall have a concrete floor that slopes toward the trench secondary containment area to expose and contain any spills quickly as described in Permit Attachment 1, *Description and Design and Operation of the Facility*.

3.2.5 Minimum Aisle Space

The Permittee shall maintain sufficient aisle space between storage containers in the CSU to allow for the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area within the CSU as described in Permit Attachment 6, *Preparedness and Prevention Procedures*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.35).

3.3 PERMITTED AND PROHIBITED WASTE IDENTIFICATION

3.3.1 Permitted Waste

The Permittee shall manage and store for subsequent transfer to a permitted treatment, storage, or disposal facility, only the hazardous wastes listed in Permit Attachment 2, *Authorized Wastes and Part A Application,* pursuant to the terms of this Permit.

3.3.2 Prohibited Waste

The Permittee is prohibited from managing and storing any hazardous waste that is not identified in Permit Condition 3.3.1 of this Permit. The Permittee shall not store more than 3,820 gallons of the hazardous waste types specified in Permit Condition 3.3.1 in containers in the CSU at any one time.

TABLE 3.1.

TOTAL STORAGE CAPACITY OF CONTAINER STORAGE UNIT

TYPE OF STORAGE UNIT	EPA HAZARDOUS WASTE TYPE	AREA (Square Feet-Approximate)	MAXIMUM VOLUME OF WASTES (Gallons)
Container Storage Area	Spent Immersion Cleaner and Aqueous Parts Washer Solvents (D004-D011, D018, D019, D021-D030, D032-043), Dry Cleaning Waste (F002), Paint Wastes (D001, F002, F005), and Photo Imaging Wastes (D011)	475	3820

3.4 CONDITION OF CONTAINERS

If a container holding hazardous waste is not in good condition (e.g., has severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the hazardous waste from such a container to a container that is in good condition or otherwise manage the waste in compliance with the Conditions of this Permit and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.171).

3.4.1 Acceptable Storage Containers

The Permittee shall use containers that comply with the requirements of the United States Department of Transportation shipping container regulations (*49 CFR 173, Shipper's General Requirements for Shipment and Packaging, and 49 CFR 178, Specifications for Packaging*) for management and storage of hazardous waste at the CSU.

Containers used for storage of hazardous waste in the CSU shall have a maximum capacity of 55-gallons (208 liters) excluding the 85-gallon (322 liter) overpack drums.

Additional containers that are used for storage of wastes in the CSU are typically described as black, blue, or otherwise, and are coded 3H1/Y1.2/60/97 USA/+AA1170 4.1. Other manufacturers producing similar containers may be used as well. The containers are approximately 26.5 inches by 13.5 inches by 6 inches. The containers have a liquid capacity of approximately 9 gallons each

and are typically used to hold 5 gallons of material. Both petroleum based and water based solvents may be held in the containers.

3.5 COMPATIBILITY OF WASTE WITH CONTAINERS

The Permittee shall use containers made of, or lined with materials, which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.172). The Permittee shall ensure compliance with this requirement by conducting pre-acceptance characterization of waste as described in Permit Attachment 3, *Waste Analysis Plan*, considering the precautions described under "Preventive Measures" in Permit Attachment 1, *Description and Design and Operation of the Facility*.

3.6 MANAGEMENT OF CONTAINERS

The Permittee shall keep all containers closed during storage, except when it is necessary to add or remove waste, and shall not open, handle, or store containers in a manner which may rupture the container or cause it to leak as referenced in 20.4.1.500 NMAC (incorporating at 40 CFR 264.173).

3.7 SECONDARY CONTAINMENT SYSTEMS

The Permittee shall construct and maintain secondary containment systems for all containers in the CSU in accordance with the specifications contained in 20.4.1.500 NMAC (incorporating 40 CFR 264.175), and the procedures described in Permit Attachment 1, *Description and Design and Operation of the Facility.*

3.8 INSPECTION SCHEDULES AND PROCEDURES

The Permittee shall inspect the CSU and evaluate the condition of containers and secondary containment systems, safety equipment, and aisle space daily, quarterly, and annually, to detect leaking containers, deterioration of containers and the containment system caused by corrosion and other factors, in accordance with the Inspection Schedules located in Permit Attachment 5, *Inspection Plan and Schedule*, Attachment 5-1, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.174).

3.9 RECORD KEEPING

The Permittee shall place the results of all waste analyses and any other documentation showing compliance with the requirements of Permit Condition 2.15, *Record Keeping and Reporting*, in the

Facility operating record, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73(a)).

3.10 CLOSURE

Before closure of the CSU, the Permittee shall remove all hazardous waste and hazardous waste residues from the containment system in accordance with the procedures described in Permit Attachment 10, *Closure Plan*. Remaining containers, liners, bases and soils containing or contaminated with hazardous waste or hazardous waste residues must be decontaminated or removed pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.178).

3.11 SPECIAL CONTAINER PROVISIONS FOR IGNITABLE OR REACTIVE WASTE

3.11.1 Location of Ignitable and Reactive Waste

The Permittee shall not locate containers holding ignitable or reactive hazardous waste within 15 meters (50 feet) of the Facility's property line as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.176).

3.11.2 Procedures to Prevent Ignition/Reaction

The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste and follow the procedures specified in Permit Attachment 6, *Preparedness and Prevention*, and as required by 20.4.1.500 NMAC (incorporating 264.17 and 40 CFR 264.176).

3.11.3 Storage of Hazardous Waste Containers

Containers of ignitable and reactive wastes shall be stacked no more than two high, in order to comply with the National Fire Protection Association's *Flammable and Combustible Liquids Code*.

3.12 SPECIAL CONTAINER PROVISIONS FOR INCOMPATIBLE WASTE

3.12.1 Storage of Incompatible Wastes

The Permittee shall not place incompatible wastes in the same containers, as set forth in Permit Attachment 6, *Preparedness and Prevention*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.177(a)).

3.12.2 Management of Unwashed Containers

The Permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material in accordance with by 20.4.1.500 NMAC (incorporating 40 CFR 264.177(b)).

3.12.3 Separation of Hazardous Waste Containers

The Permittee shall separate containers of incompatible wastes as described in Permit Attachment 6, *Preparedness and Prevention*, and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.177(c)).

3.13 AIR EMISSION STANDARDS

The Permittee shall manage all hazardous waste placed in the CSU in accordance with the applicable requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264 Subparts BB, and CC) pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.200) and as required by Parts 6 and 7 of this Permit.

PART 4
STORAGE OF HAZARDOUS WASTE IN TANKS

PART 4
STORAGE OF HAZARDOUS WASTE IN TANKS

4.1 INTRODUCTION

This Part contains the regulatory requirements for the Permittee to manage and store hazardous wastes at the Facility. The Facility is authorized to manage and store in the 12,000-gallon above ground spent solvent storage tank only those hazardous wastes listed in Permit Attachment 2, *Authorized Wastes and Part A Application*. The storage tank system at the Facility consists of two 12,000-gallon aboveground, vertical cylindrical steel tanks and their ancillary pumps and piping. The tanks are enclosed within secondary containment provided by concrete slab and wall with a capacity of 18,266 gallons. One of the two tanks contains new solvent awaiting distribution and the other contains spent solvent awaiting return to a Safety-Kleen Recycle Center. The 12,000-gallon spent solvent storage tank is the only tank regulated by this Permit. The spent solvent is regulated as a hazardous waste because of the characteristic of ignitability and the possible characteristic of toxicity as measured by the Toxicity Characteristic Leaching Procedure (TCLP).

Ancillary equipment to the spent solvent storage tank includes a return and fill station containing an enclosed drum washer/dumpster into which the contents of a drum of used solvent are emptied. A maximum volume of 375 gallons is retained in the drum/washer dumpster. A float switch controls a pump that moves excess solvent to the spent solvent tank. When the tank is empty, solvent in the bottom of the main cabinet is re-circulated through the drum washer for any remaining drum cleaning requirements. All spent solvents and sediments are then pumped into the spent solvent tank. The return and fill station has a roof and is equipped with concrete secondary containment with a capacity of 730 gallons. Piping to the tank from the return and fill station is steel, with welded joints. It is protected by secondary containment except for approximately five feet at the rear of the return and fill station which must be inspected daily for leaks. The pump, which provides clean solvent for filling drums, is located within the secondary containment. The connections for emptying the spent solvent tank and filling the clean solvent tank from tanker trucks are located within the secondary containment.

Based on the registered professional engineer's assessment of the tank system, the two 12,000-gallon storage tanks were fabricated and installed in 1981.

4.2 PERMITTED AND PROHIBITED WASTE IDENTIFICATION

4.2.1 Permitted Waste

The Permittee may store a maximum total volume of 12,000 gallons of spent solvent in the 12,000-gallon spent solvent storage tank, as described and depicted in Permit Attachment 1, *Description and Design and Operation of Facility*, subject to the terms of this Permit. The hazardous waste exhibits the characteristic of ignitability (D001) and possible toxicity (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043).

4.2.2 Prohibited Waste

The Permittee is prohibited from storing, transporting, or treating hazardous waste that is not identified in Permit Condition 4.2.1 of this Permit.

4.2.3 Storage Time Limit

The Permittee shall not store any hazardous waste in the 12,000 gallon spent solvent storage tank for more than one year pursuant to 20.4.1.800 NMAC (incorporating 40 CFR 268.50(b)) except as provided in Permit Condition 2.4.1.

4.3 SECONDARY CONTAINMENT SYSTEMS

The Permittee shall construct and maintain secondary containment systems for both 12,000-gallon storage tanks, the drum washer/dumpster, and all other related appurtenances in the Facility in accordance with the specifications required by 20.4.1.500 NMAC (incorporating 40 CFR 264.193), and the procedures described in Permit Attachment 1, *Description and Design and Operation of the Facility*. The portion of the return and fill station not provided with secondary containment shall be inspected daily for leaks.

4.4 INSPECTION SCHEDULES AND PROCEDURES

The Permittee shall inspect the 12,000-gallon storage tanks, the drum washer/dumpster, and all other related appurtenances in the Facility in order to assess the condition of the tanks, drum washer/dumpster, related equipment, secondary containment systems, and safety equipment daily, quarterly, and annually, to detect leaks, deterioration of structures and equipment, and the containment system caused by corrosion and other factors, in accordance with the inspection schedules located in Permit Attachment 5, *Inspection Plan and Schedule*, Attachment 5-1, as

required by 20.4.1.500 NMAC (incorporating 40 CFR 264.195) and as follows:

4.4.1 Tanks

The Permittee shall inspect the tank systems in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.195) and the inspection schedules located in Permit Attachment 5, *Inspection Plan and Schedule*. The Permittee shall complete the items in Permit Conditions 4.4.1 and 4.4.2 as part of those inspections.

The Permittee shall inspect the following components of the tank system once each operating day as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.195(b)(1) through 40 CFR 264.195(b)(3));

1. Aboveground portions of the tank system, if any, to detect corrosion or releases of waste;

2. Data gathered from monitoring and leak detection equipment (e.g., level gauges) to ensure that the tank system is being operated according to its design;

3. The construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation).

4.4.2 Overfill Controls

The Permittee shall inspect the overfill controls, in accordance with the inspection schedules located in Permit Attachment 5, *Inspection Plan and Schedule*, pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.195(a)).

4.4.3 Documentation

The Permittee shall document compliance of Permit Condition 4.4 in the Facility Operating Record pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.195(d)).

4.5 RECORD KEEPING

The Permittee shall place the results of all waste analyses and any other documentation showing compliance with the requirements of Permit Condition 2.15, *Record Keeping and Reporting*, in the Facility operating record, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73(a)).

4.6 OPERATING REQUIREMENTS

The Permittee shall not place hazardous wastes or treatment reagents in the spent solvent tank system if they could cause the tank, its ancillary equipment, or the containment system to rupture, leak, corrode, or otherwise fail. The Permittee shall prevent spills and overflows from the tank or containment systems using the methods described in Permit Attachment 6, *Preparedness and Prevention*, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.194(a) and (b)).

4.7 RESPONSE TO LEAKS OR SPILLS

In the event of a leak or a spill from the tank system, from a secondary containment system, or if a system becomes unfit for continued use, the Permittee shall remove the system from service immediately and complete the following actions as specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.196):

4.7.1 Cessation Of Use

Stop the flow of hazardous waste into the system and inspect the system to determine the cause of the release as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(a));

4.7.2 Removal Of Waste

The Permittee shall remove waste and any accumulated precipitation from the system within 24 hours of the detection of the leak to prevent further release and to allow inspection and repair of the system. If the Permittee demonstrates that it is not possible to meet this time period, the Permittee shall notify the Secretary and demonstrate that the longer time period is required pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.196(b)).

If the collected material is a RCRA hazardous waste, it shall be managed in accordance with all applicable requirements of 20.4.1 NMAC (incorporating 40 CFR 264 through 40 CFR 270). If the collected material is discharged through a point source to U.S. waters or to a Publicly Owned Wastewater Treatment facility, it is subject to requirements of the Clean Water Act. If the collected material is released to the environment, it may be subject to reporting under 40 CFR Part 302.

4.7.3 Containment

The Permittee shall immediately conduct a visual inspection of all releases to the environment to prevent further migration of the leak or spill to soils or surface water and remove and

properly dispose of any visible contamination of the soil or surface water as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(c)).

4.7.4 Notification And Reports

The Permittee shall report to the Secretary within 24 hours of detection when a leak or spill occurs from the tank system or secondary containment system to the environment pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.196(d)(1)).

A leak or spill is exempted from these requirements if the quantity of waste leaked or spilled is one pound or less and is immediately contained and cleaned up as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(d)(2)). If the Permittee has reported the release pursuant to 40 CFR Part 302, this report will satisfy the requirements of this Permit Condition.

Within 30 days of detection of a release to the environment from the tank system or secondary containment system, the Permittee shall report the following information to the Secretary as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(d)(3));

1. Likely route of migration of the release;

2. Characteristics of the surrounding soil (including soil composition, geology, hydrogeology, and climate);

3. Results of any monitoring or sampling conducted in connection with the release. If the Permittee finds it will be impossible to meet this time period, the Permittee shall provide the Secretary with a schedule of when the results will be available. This schedule shall be submitted for approval before the required 30-day submittal period expires and shall provide for submission of data as soon as possible;

4. Proximity of downgradient drinking water, surface water, and populated areas;

5. Description of response actions taken or planned.

4.7.5 Provision of Secondary Containment

Unless the Permittee satisfies the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.196(e)(2) through 40 CFR 264.196(e)(4)), the tank system must be closed in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.197).

4.7.5.a Releases Caused By Spills

For a release caused by a spill that has not damaged the integrity of the system, the Permittee shall remove the released waste and make any necessary repairs to fully restore the integrity of the system before returning the tank system to service as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(e)(2)).

4.7.5.b Tank Leaks

For a release caused by a leak from the primary tank system to the secondary containment system, the Permittee shall repair the primary system prior to returning it to service as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(e)(3)).

4.7.5.c Releases To The Environment

For a release to the environment caused by a leak from the aboveground portion of the tank system that does not have secondary containment, and can be visually inspected, the Permittee shall repair that portion of the tank system prior to returning it to service in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.196(e)(4)). The repaired portion of the tank system may be returned to service without secondary containment provided that the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.196(f)) are satisfied.

4.7.5.d Tank Component Replacement

If the Permittee replaces a component to comply with the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.196(e)(4)), that component must therefore satisfy the requirements for new tank systems or components pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.192 and 40 CFR 264.193).

4.7.5.e Tank System Repairs

For all major repairs to eliminate leaks or restore the integrity of the tank system, the tank system shall not be returned to service unless the Permittee has obtained a certification by an independent, qualified, registered professional engineer pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.11(d)), that the repaired system is capable of handling hazardous wastes without release for the intended life of the system. This certification shall be submitted to the Secretary within 7 days after returning the tank system to use as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.196(f)).

4.8 CLOSURE AND POST CLOSURE

4.8.1 Closure

During closure of the tank system, the Permittee shall remove or decontaminate all waste residues, contaminated system components, contaminated soils, structures and equipment contaminated with waste, and manage them as hazardous waste unless 20.4.1.200 NMAC (incorporating 40 CFR 261.3(d)) applies. The closure plan, closure activities, cost estimates for closure, and financial responsibility for tank systems must meet all of the requirements specified in 20.4.1.500 NMAC (incorporating 40 CFR 264 Subparts G and H) and in accordance with Permit Attachment 10, *Closure Plan.*

4.8.2 Post-Closure

If the Permittee demonstrates that not all contaminated soils can be practically removed or decontaminated as required in 4.8.1, then the Permittee shall close the tank system and perform post-closure care in accordance with the closure and post-closure care requirements that apply to landfills pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.197(b)). In addition, for the purposes of closure, post-closure, and financial responsibility, such a tank system is then considered to be a landfill, and the Permittee shall meet all requirements for landfills as specified in 20.4.1.500 NMAC (incorporating 40 CFR 264 Subparts G and H).

4.9 SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTES

The Permittee shall not place ignitable or reactive waste in the tank system or in the secondary containment system, unless the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.198) are satisfied.

The Permittee shall comply with the requirements for the maintenance of protective distances between the waste management area and any public ways, streets, alleys, or an adjoining property line that can be built upon, as required in Tables 2-1 through 2-6 of the National Fire Protection Association's *Flammable and Combustible Liquids Code,* (1977 or 1981), as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.198(b)).

4.10 SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES

The Permittee shall not store incompatible wastes, or incompatible wastes and materials in the tank system, or place hazardous waste in a tank system that has not been decontaminated that previously held an incompatible waste or material unless the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.17(b))

are satisfied pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.199).

4.11 AIR EMISSION STANDARDS

The Permittee shall manage all hazardous waste placed in a tank in accordance with the applicable requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264 Subparts BB, and CC) pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.200) and as required by Parts 6 and 7 of this Permit.

PART 5
CORRECTIVE ACTION

PART 5
CORRECTIVE ACTION

INTRODUCTION

This Part sets forth the requirements for the Permittee to conduct corrective action for all releases of hazardous waste or hazardous constituents at the Facility pursuant to Sections 74-4-4-4.A.5.h, 74-4-4.2.B, and 74-4-10.F (Cum. Supp. 1999) of the New Mexico Hazardous Waste Act (HWA) and Resource Conservation and Recovery Act (RCRA),as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA).

5.1 CORRECTIVE ACTION FROM RELEASES

Sections 74-4-4.A.5.h and 74-4-4.2 of the HWA

Sections 74-4-4.A.5.h and 74-4-4.2 of the HWA and 20.4.1.500 NMAC (incorporating 40 CFR 264.101) require that permits issued after April 8, 1987, shall require corrective action as necessary to protect human health and the environment for all releases of hazardous waste or constituents from any SWMU at a treatment, storage or disposal facility, regardless of the time at which the waste was placed in the SWMU.

Sections 74-4-4.A.5.i of the HWA

Sections 74-4-4.A.5.i of the HWA and 20.4.1.500 NMAC (incorporating 40 CFR 264.101(c)) require corrective action beyond the Facility boundary where necessary to protect human health and the environment unless the Permittee demonstrates to the satisfaction of the Secretary that, despite the Permittee's best efforts, the Permittee was unable to obtain the necessary permission to undertake such actions.

Sections 3004(u) and 3004(v) of RCRA

The Permittee may also be required to take corrective action for releases of hazardous constituents from any SWMU at the Facility, or beyond the Facility property boundaries, regardless of the time at which waste was placed at the Facility, under section 3004(u) and 3004(v) of RCRA.

5.2 APPLICABILITY

The Conditions of this Part apply to:

5.2.1 Solid Waste Management Units and Areas of Concern That Require a RCRA Facility Investigation

The SWMUs and AOCs identified in Appendix 5-A of this Part (Table A.1, which require corrective action) that require a RCRA Facility Investigation (RFI);

5.2.2 Solid Waste Management Units and Areas of Concern That Require No Further Investigation

The SWMUs and AOCs identified in Appendix 5-A of this Part (Table A.2) that require no further investigation under this permit at this time;

5.2.3 Newly Discovered Solid Waste Management Units and Areas of Concern

Any additional SWMUs or AOCs discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means. As used in this Permit, the terms "discover", "discovery", or "discovered" refer to the date on which the Permittee either: (1) visually observes evidence of a new SWMU or AOC; (2) visually observes evidence of a previously unidentified release of hazardous constituents to the environment; or (3) receives information which suggests the presence of a new release of hazardous waste or hazardous constituents to the environment;

5.2.4 Contamination that has Migrated Beyond the Facility Boundary, if Applicable.

The Permittee shall implement corrective actions beyond the Facility boundary where necessary to protect human health and the environment, unless the Permittee demonstrates to the satisfaction of the Secretary that, despite the Permittee's best efforts, as determined by the Secretary, the Permittee was unable to obtain the necessary permission to undertake such actions. The Permittee is not relieved of all responsibility to clean up a release that has migrated beyond the Facility boundary where off-site access is denied. On-site measures to address such releases will be determined on a case-by-case basis. Assurances of financial responsibility for completion of off-site corrective action will be required as specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.101(c)).

5.3 NOTIFICATION AND ASSESSMENT REQUIREMENTS FOR NEWLY IDENTIFIED SOLID WASTE MANAGEMENT UNITS AND AREAS OF CONCERN

5.3.1 Notification of Newly Discovered Solid Waste Management Units and Areas of Concern

The Permittee shall notify the Secretary in writing, within 15 calendar days of discovery, of any suspected new SWMU or AOC. The notification shall include, at a minimum, the location of the SWMU or AOC and all available information pertaining to the nature of the release (e.g., media affected, hazardous constituents released, magnitude of release, etc.). The Secretary may conduct, or require the Permittee to conduct, further assessment (i.e., confirmatory sampling) in order to determine the status of the suspected SWMU or AOC. The Secretary shall notify the Permittee in writing of the final determination as to the status of the suspected SWMU or AOC. If the Secretary determines that further investigation of a SWMU or AOC is required, the permit shall be modified in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.41).

5.3.2 Solid Waste Management Unit Assessment Report

The Permittee shall prepare and submit to the Secretary, within 90 calendar days of notification, a SWMU Assessment Report (SAR) for each SWMU identified under Condition 5.3.1. At a minimum, the SAR shall provide the following information:

1. Location of unit(s) on a topographic map of appropriate scale such as required under 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(19));

2. Designation of type and function of unit(s);

3. General dimensions, capacities and structural description of unit(s) (supply any available plans/drawings);

4. Dates that the unit(s) was operated;

5. Specification of all wastes that have been managed at/in the unit(s) to the extent available. Include any available data on hazardous constituents in the wastes; and

6. All available information pertaining to any release of hazardous waste or hazardous constituents from such unit(s) (to include groundwater data, soil analyses, air, and/or surface water data);

5.3.3 Further Investigation

Based on the results of the SAR, the Secretary shall determine the need for further investigations at the Facility. If the Secretary determines that such investigations are needed, the Permittee shall be required to prepare a plan for such investigations as outlined in Condition 5.5.2 or 5.6.1.a.

5.4 NOTIFICATION REQUIREMENTS FOR NEWLY DISCOVERED RELEASES FROM SWMUS OR AOCS

5.4.1 Notification of Newly Discovered Releases

The Permittee shall notify the Secretary in writing of any newly discovered release(s) of hazardous waste or hazardous constituents discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means, within 15 calendar days of discovery. Such newly discovered releases may be from any SWMU at the Facility, including SWMUs or AOCs identified in Permit Condition 5.3.1 or SWMU or AOCs identified in Condition 5.2.2 for which further investigation under Condition 5.3.3 was not required.

5.4.2 Work Plan Preparation

If the Secretary determines that further investigation of the SWMUs or AOCs is needed, the Permittee shall be required to prepare a Work Plan for such investigations as outlined in Condition 5.6.1.

5.5 CONFIRMATORY SAMPLING

5.5.1 Confirmatory Sampling (CS) Work Plan

The Permittee shall prepare and submit a CS Work Plan for each unit identified under Condition 5.3.1. The CS Work Plan shall be submitted within 45 calendar days from the discovery of the SWMU or AOC. The CS Work Plan shall include schedules of implementation and completion of specific actions necessary to determine whether or not a release has occurred. It should also address applicable requirements and affected media. In order to partly or wholly satisfy the CS requirement, previously existing data may be submitted with the CS Work Plan for the Secretary's consideration.

5.5.2 CS Work Plan Approval

Prior to implementation, the CS Work Plan shall be approved by the Secretary in writing. The Secretary shall specify the start date of the CS Work Plan schedule in the letter approving the CS

Work Plan. If the Secretary disapproves the CS Work Plan, the Secretary shall either: (1) notify the Permittee in writing of the CS Work Plan's deficiencies and specify a due date for submission of a revised CS Work Plan; (2) revise the CS Work Plan and notify the Permittee of the revisions; or (3) conditionally approve the CS Work Plan and notify the Permittee of the conditions.

5.5.3 CS Work Plan Implementation

The Permittee shall implement the confirmatory sampling in accordance with the approved CS Work Plan.

5.5.4 CS Report

The Permittee shall prepare and submit to the Secretary, in accordance with the schedule in the approved CS Work Plan, a CS Report identifying all SWMUs or AOCs that have released hazardous waste or hazardous constituents into the environment. The CS Report shall include all data, including raw data, and a summary and analysis of the data. If submittal of the CS Report coincides with submittal of the RCRA Facility Investigation Report (RFI), then the CS Report and the RFI Report may be combined into one document.

5.5.5 Further Investigation

Based on the results of the CS Report, the Secretary shall determine the need for further investigations at the SWMUs or AOCs covered in the CS Report. If the Secretary determines that such investigations are needed, the Permittee shall be required to prepare a Work Plan for such investigations as outlined in Condition 5.6.1. The Secretary will notify the Permittee of any no further action decision.

5.6 RCRA FACILITY INVESTIGATION (RFI)

5.6.1 RFI Work Plan

5.6.1.a RFI Work Plan Submittal

The Permittee shall prepare and submit to the Secretary, within 90 calendar days of the effective date of this Permit, a RCRA Facility Investigation Work Plan for those units identified in Condition 5.2.1. This Work Plan shall be developed to meet the requirements of Condition 5.6.1.a.

The Permittee shall prepare and submit to the Secretary, within 90 calendar days of notification by the Secretary, an RFI Work

Plan for those units identified under Condition 5.3.3, Condition 5.4.2, or Condition 5.5.5.

The RFI Work Plan shall meet the requirements of Appendix 5-B of this Part. The RFI Work Plan shall include schedules of implementation and completion of specific actions necessary to determine the nature and extent of contamination and the potential pathways of contaminant releases to the air, soil, surface water, and groundwater. The Permittee must provide sufficient justification and associated documentation that a release is not probable or has already been characterized if a unit or a media/pathway associated with a unit (groundwater, surface water, soil, subsurface gas, or air) is not included in the RFI Work Plan. Such deletions of a unit, medium or pathway from the RFI(s) are subject to the approval of the Secretary. The Permittee shall provide sufficient written justification for any omissions or deviations from the minimum requirements of Appendix 5-B. Such omissions or deviations are subject to the approval of the Secretary. In addition, the scope of the RFI Work Plan shall include all investigations necessary to ensure compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264.101 (c)).

5.6.1.b RFI Work Plan Approval

The RFI Work Plan shall be approved by the Secretary, in writing, prior to implementation. The Secretary shall specify the start date of the RFI Work Plan schedule in the letter approving the RFI Work Plan. If the Secretary disapproves the RFI Work Plan, the Secretary shall either (1) notify the Permittee in writing of the RFI Work Plan's deficiencies and specify a due date for submission of a revised RFI Work Plan, (2) revise the RFI Work Plan and notify the Permittee of the revisions and the start date of the schedule within the approved RFI Work Plan, or (3) conditionally approve the RFI Work Plan and notify the Permittee of the conditions.

5.6.2 RFI Implementation

The Permittee shall implement the RFI in accordance with the approved RFI Work Plan and Appendix 5-B. The Permittee shall notify the Secretary at least 20 calendar days prior to any sampling activity, field testing or field monitoring activity required by this Permit to provide agency personnel the opportunity to observe investigation procedures and/or obtain split samples.

5.6.3 RFI Reports

5.6.3.a RFI Report Submittal

The Permittee shall prepare and submit to the Secretary, Draft and Final RCRA Facility Investigation Reports for the investigation conducted pursuant to the RFI Work Plan submitted under Condition 5.6.1. The Draft RFI Report shall be submitted to the Secretary for review in accordance with the schedule in the approved RFI Work Plan. The Final RFI Report shall be submitted to the Secretary within 30 calendar days of receipt of the Secretary's final comments on the Draft RFI Report. The RFI Report shall include an analysis and summary of all required investigations of SWMUs and AOCs and their results. The summary shall describe the type and extent of contamination at the facility, including sources and migration pathways, identify all hazardous constituents present in all media, and describe actual or potential receptors.

5.6.3.b RFI Report Content

The RFI Report shall also describe the extent of contamination (qualitative/quantitative) in relation to background levels indicative of the area. If the Draft RFI Report is a summary of the initial phase investigatory work, the report shall include a work plan for the final phase investigatory actions required based on the initial findings. Approval of the final phase work plan shall be carried out in accordance with Condition 5.6.1.b. The objective of this task shall be to ensure that the investigation data are sufficient in quality (e.g., quality assurance procedures have been followed) and quantity to describe the nature and extent of contamination, potential threat to human health and/or the environment, and to support a Corrective Measures Study, if necessary.

The Permittee shall prepare and submit to the Secretary, along with the Draft and Final RFI Report, action levels for each of the hazardous constituents reported in Condition 5.6.3.a and b. Action levels shall be calculated as specified in Appendix 5-E of this Part.

5.6.3.c RFI Report Review

The Secretary will review the RFI Report, including the action levels required by Condition 5.6.3.b. The Secretary shall notify the Permittee of the need for further investigative action if necessary and, if appropriate, inform the Permittee of the need for a Corrective Measures Study to meet the requirements of 5.8 and 20.4.1.500 NMAC (incorporating 40 CFR 264.101). The Secretary will notify the Permittee of any no further action

decision. Any further investigative action required by the Secretary shall be prepared and submitted in accordance with a schedule specified by the Secretary and approved in accordance with Condition 5.6.1.b.

5.6.3.d RFI Progress Reports

If the time required to conduct the RFI(s) is greater than 180 calendar days, the Permittee shall provide the Secretary with quarterly RFI Progress Reports beginning 90 calendar days from the start date specified by the Secretary in the RFI Work Plan approval letter. The Progress Reports shall contain the following information:

1. A Description of the portion of the RFI completed;
2. Summaries of findings;
3. Summaries of any deviations from the approved RFI Work Plan during the reporting period;
4. Summaries of any significant contacts with local community public interest groups or State government;
5. Summaries of any problems or potential problems encountered during the reporting period;
6. Actions taken to rectify problems;
7. Changes in relevant personnel;
8. Projected work for the next reporting period; and
9. Copies of daily reports, inspection reports, data, etc.

5.7 INTERIM MEASURES (IM)

5.7.1 IM Work Plan

5.7.1.a IM Work Plan Submittal

Upon notification by the Secretary, the Permittee shall prepare and submit an IM Work Plan for any SWMU, or AOC, which the Secretary determines is necessary. Interim measures are necessary in order to minimize or prevent the further migration of contaminants and limit actual or potential human and environmental exposure to contaminants while long-term corrective action remedies are evaluated and, if necessary, implemented. The IM Work Plan shall be submitted within 30 calendar days of such notification and shall include the elements listed in

5.7.1.b. Such interim measures may be conducted concurrently with investigations required under the terms of this permit.

5.7.1.b IM Initiation

The Permittee may initiate IM at a SWMU or AOC by submitting the appropriate notification pursuant to Permit Conditions 1.6 and 1.7. The Secretary will process Permittee initiated IM by either conditionally approving the IM or imposing an IM Work Plan per Condition 5.7.1.a. Permittee initiated IM shall be considered conditionally approved unless the Secretary specifically imposes an IM Work Plan within 30 calendar days of receipt of notification of the Permittee initiated IM. The scope and success of Permittee initiated IM conditionally approved per Condition 5.7.1.b shall be subject to subsequent in-depth review; the Secretary will either comment on or approve the Permittee initiated IM. Permittee initiated IM must follow the progress and final reporting requirements in Condition 5.7.3.

The IM Work Plan shall ensure that the interim measures are designed to mitigate any current or potential threat(s) to human health or the environment and is consistent with and integrated into any long-term solution at the Facility. The IM Work Plan shall include the interim measures objectives, procedures for implementation (including any designs, plans, or specifications), and schedules for implementation.

5.7.1.c IM Work Plan Approval

The IM Work Plan imposed under Condition 5.7.1.a must be approved by the Secretary, in writing, prior to implementation. The Secretary shall specify the start date of the IM Work Plan schedule in the letter approving the IM Work Plan. If the Secretary disapproves the IM Work Plan, the Secretary shall either: (1) notify the Permittee in writing of the IM Work Plan's deficiencies and specify a due date for submission of a revised IM Work Plan; (2) revise the IM Work Plan and notify the Permittee of the revisions and the start date of the schedule within the approved IM Work Plan; or (3) conditionally approve the IM Work Plan and notify the Permittee of the conditions.

5.7.2 IM Implementation

The Permittee shall implement the interim measures imposed under Condition 5.7.1.a in accordance with the approved IM Work Plan.

The Permittee shall give notice to the Secretary as soon as possible of any planned changes, reductions or additions to the IM Work Plan imposed under Condition 5.7.1.a or initiated by the Permittee under Condition 5.7.1.b.

5.7.2.a IM Approval

Final approval of corrective action required under 20.4.1.500 NMAC (incorporating 40 CFR 264.101) achieved through interim measures shall be as a permit modification in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.41) and Condition 5.9.

5.7.3 IM Reports

5.7.3.a Progress Reports

If the time required for completion of interim measures imposed under Condition 5.7.1.a or implemented under Condition 5.7.1.b is greater than one year, the Permittee shall provide the Secretary with progress reports at intervals specified in the approved Work Plan or semi-annually for Permittee initiated interim measures. The Progress Reports shall contain the following information:

1. A description of the portion of the interim measures completed;

2. Summaries of findings;

3. Summaries of any deviations from the IM Work Plan during the reporting period;

4. Summaries of any problems or potential problems encountered during the reporting period; and

5. Projected work for the next reporting period.

5.7.3.b IM Report Submission

The Permittee shall prepare and submit an IM Report to the Secretary, within 90 calendar days of completion of interim measures conducted under Condition 5.7. The IM Report shall contain the following information:

2. A description of interim measures implemented;

3. Summaries of results;

4. Summaries of all problems encountered;

5. Summaries of accomplishments and/or effectiveness of interim measures; and

6. Copies of all relevant laboratory/monitoring data, etc. in accordance with Condition 1.6.9.

5.8 CORRECTIVE MEASURES STUDY (CMS)

5.8.1 CMS Work Plan

5.8.1.a CMS Work Plan Submittal

The Permittee shall prepare and submit a CMS Work Plan for those units requiring a CMS within 90 calendar days of notification by the Secretary that a CMS is required. The CMS Work Plan shall be developed to meet the requirements of Condition 5.8.1.b. The Permittee may seek approval from the Secretary for concurrent RFI/CMS. The CMS may be performed concurrent with the RFI process if the Secretary determines that sufficient investigative details are available to allow concurrent action.

5.8.1.b CMS Work Plan Requirements

The CMS Work Plan shall meet the requirements of Appendix 5-C at a minimum. The CMS Work Plan shall include schedules of implementation and completion of specific actions necessary to complete a CMS. The Permittee must provide sufficient justification and/or documentation for any unit deleted from the CMS Work Plan. Such deletion of a unit is subject to the approval of the Secretary. The Permittee shall provide sufficient written justification for any omissions or deviations from the minimum requirements of Appendix 5-C. Such omissions or deviations are subject to the approval of the Secretary. The scope of the CMS Work Plan shall include all investigations necessary to ensure compliance with Section 74-4-4.2 of the HWA, 3005(c)(3), 20.4.1.500 NMAC (incorporating 40 CFR 264.101 and 40 CFR 264.552), and 20.4.1.900 NMAC (incorporating 40 CFR 270.32(b)(2)). The Permittee shall implement corrective actions beyond the Facility boundary, as set forth in Condition 5.2.4.

5.8.1.c CMS Work Plan Approval

The Secretary shall either approve or disapprove, in writing, the CMS Work Plan. If the Secretary disapproves the CMS Work Plan, the Secretary shall either: (1) notify the Permittee in writing of the CMS Work Plan's deficiencies and specify a due date for submittal of a revised CMS Work Plan; (2) revise the CMS Work Plan and notify the Permittee of the revisions; or (3) conditionally approve the CMS Work Plan and notify the Permittee of the conditions. The modified CMS Work Plan thus becomes the approved CMS Work Plan.

5.8.2 CMS Implementation

The Permittee shall begin to implement the CMS according to the schedules specified in the CMS Work Plan, no later than 15

calendar days after the Permittee has received written approval from the Secretary for the CMS Work Plan. Pursuant to Permit Condition 5.8.1.b the CMS shall be conducted in accordance with the approved CMS Work Plan.

5.8.3 CMS Report

5.8.3.a Final CMS Report

The Permittee shall prepare and submit to the Secretary a draft and final CMS Report for the study conducted pursuant to the approved CMS Work Plan and in accordance with Appendix 5-C. The draft CMS Report shall be submitted to the Secretary in accordance with the schedule in the approved CMS Work Plan. The final CMS Report shall be submitted to the Secretary within 30 calendar days of receipt of the Secretary's final comments on the draft CMS Report. The CMS Report shall summarize any bench-scale or pilot tests conducted. The CMS Report must include an evaluation of each remedial alternative. If a remedial alternative requires the use of a Corrective Action Management Unit (CAMU), the CMS report shall include all information necessary to establish and implement the CAMU. The CMS Report shall present all information gathered under the approved CMS Work Plan. The CMS Final Report must contain adequate information to support the Secretary's decision on the recommended remedy, described under Permit Condition 5.9.

5.8.3.b CMS Report Disapproval

If the Secretary determines that the CMS Final Report does not fully satisfy the information requirements specified under Permit Condition 5.8.3.a., the Secretary may disapprove the CMS Final Report. If the Secretary disapproves the CMS Final Report, the Secretary will notify the Permittee in writing of deficiencies in the CMS Final Report and specify a due date for submittal of a revised CMS Final Report. The Secretary will notify the Permittee of any no further action decision.

As specified under Permit Condition 5.8.3.b., based on preliminary results and the CMS Final Report, the Secretary may require the Permittee to evaluate additional remedies or particular elements of one or more proposed remedies.

5.9 CORRECTIVE MEASURES IMPLEMENTATION (CMI)

5.9.1 Corrective Measures Implementation Program

The Permittee shall prepare and simultaneously submit CMI Conceptual Design, a CMI Operation and Maintenance Plan, CMI Plans and Specifications, and a CMI Construction Work Plan within

90 calendar days of notification by the Secretary that corrective measures are required. After NMED reviews and approves the CMI submittals, the Permittee shall implement the approved corrective measures in accordance with the approved CMI design, CMI Operation and Maintenance Plan, CMI Plans and Specifications, and CMI Construction Work Plan.

After the approved corrective measures have been implemented, the Permittee shall submit a CMI Construction Completion Report when the construction and any operational tests have been completed. Finally, the Permittee shall submit a CMI Corrective Measure Completion Report when the corrective measure completion criteria have been satisfied.

5.10 REMEDY APPROVAL AND PERMIT MODIFICATION

A remedy shall be proposed/selected by the Permittee from the remedial alternatives evaluated in the CMS. It will be based at a minimum on protection of human health and the environment, as per specific site conditions and existing regulations. The selected remedy may include any interim measures implemented to date. The selected remedy will be reviewed and approved by the Secretary prior to its implementation.

Pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.41), a permit modification will be initiated by the Secretary after recommendation of a remedy under Condition 5.10. This modification will serve to incorporate a final remedy, including a CAMU if necessary, into this Permit.

Within 120 calendar days after this Permit has been modified for remedy selection, the Permittee shall demonstrate financial assurance for completing the approved remedy.

5.11 MODIFICATION OF THE CORRECTIVE ACTION SCHEDULE OF COMPLIANCE

5.11.1 Corrective Action Schedule Modification

If at any time the Secretary determines that modification of the Corrective Action Schedule of Compliance is necessary, the Secretary may initiate a modification to the Schedule of Compliance located in Appendix 5-D of this Part.

5.11.2 Secretary Initiated Modifications

Modifications that are initiated and finalized by the Secretary will be in accordance with the applicable provisions of 20.4.1.900 NMAC (incorporating 40 CFR 270). The Permittee may also request a permit modification in accordance with 20.4.1.900

NMAC (incorporating 40 CFR 270) to change the Schedule of Compliance.

5.12 WORK PLAN AND REPORT REQUIREMENTS

5.12.1 Secretary Approval

All work plans and schedules shall be subject to approval by the Secretary prior to implementation to assure that such work plans and schedules are consistent with the requirements of this Permit and with applicable regulations. The Permittee shall revise all submittals and schedules as specified by the Secretary. Upon approval the Permittee shall implement all work plans and schedules as written.

5.12.2 Document Submittals

All work plans and reports shall be submitted in accordance with the approved schedule. Extensions of the due date for submittals may be granted by the Secretary based upon the Permittee's demonstration that sufficient justification for the extension exists.

5.12.3 Amended Work Plans

If the Permittee at any time determines that the SAR information required under Condition 5.3, the CS Work Plan under Condition 5.5, or RFI Work Plan required under Condition 5.6 no longer satisfy the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.101) or this Permit for prior or continuing releases of hazardous waste or hazardous constituents from solid waste management units and/or areas of concern, the Permittee shall submit an amended Work Plan to the Secretary within 90 calendar days of such determination.

5.12.4 Required Copies

Three (3) copies of all reports and work plans shall be provided by the Permittee to the Secretary at the following address:

New Mexico Environment Department

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1

Santa Fe, NM 87505-6303

5.13 APPROVAL/DISAPPROVAL OF SUBMITTALS

The Secretary will review the work plans, reports, schedules, and other documents ("submittals"), which require the Secretary's approval in accordance with the conditions of this Permit. The Secretary will notify the Permittee in writing of any submittal that is disapproved, and the basis thereof. Condition 5.13 shall apply only to submittals that have been disapproved and revised by the Secretary, or that have been disapproved by the Secretary, then revised and resubmitted by the Permittee, and again disapproved by the Secretary.

5.14 DISPUTE RESOLUTION

The Permittee and NMED shall use good faith efforts to informally resolve all disputes arising out of requirements in this Part. The Permittee shall not invoke dispute resolution for purposes of delay. If, however, the Permittee disagrees, in whole or in part, with the Secretary's revision of a submittal or disapproval of any revised submittal required by the Permit, the following shall apply:

If the Permittee disputes any revisions or disapproves of plans, etc. made by the Secretary, the Permittee shall notify the Secretary in writing within 30 calendar days of receipt of the Secretary's revision. Such notice shall set forth the specific matters in dispute, the work affected by the dispute, including specific compliance dates, all factual data, analysis, opinion and documentation supporting the Permittee’s position, and any matters considered necessary for the Secretary's determination.

The Permittee and HWB permitting staff shall have 30 calendar days to use best efforts to resolve the dispute informally. If the Permittee and HWB staff are unable to resolve the dispute, the Permittee may request a final decision from the Secretary.

In the event agreement is reached, the Permittee shall comply with the terms of such agreement or if appropriate submit the revised submittal and implement the same in accordance with and within the time frame specified in such agreement. The resolution of the dispute shall, as necessary and appropriate, be incorporated as a Permit Condition.

If agreement is not reached, the Secretary will notify the Permittee in writing of his/her decision on the dispute within 30 calendar days from receipt of Permittee’s request under Permit Condition 5.13. The Secretary’s decision is a final agency action and shall be incorporated as an enforceable Permit Condition. The Permittee shall comply with the terms and conditions of the Secretary's decision.

The invocation of dispute resolution shall not stay the requirements of the disputed Permit Condition absent a determination by the Secretary that just cause exists. The Permittee shall proceed to take any action required by those portions of the submission and of the permit that the Secretary determines are not affected by the dispute.

APPENDIX 5-A
SOLID WASTE UNIT MANAGEMENT SUMMARY

Note: Since there are no SWMUs or AOCs at the Safety-Kleen Farmington Facility currently undergoing corrective action, Table A.1 is not applicable. Should corrective action become necessary, Table A.1 will apply.

TABLE A.2

List of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) not requiring a RCRA Facility Investigation (RFI) at this time:

SWMU	AOC NAME	DESCRIPTION	DATES OF OPERATION	POTENTIALLY AFFECTED MEDIA
N/A	Return and Fill Station	This is the return and fill station marked on Figure 1 [*Permit Attachment 1*]	January 1,1981 to Present	Groundwater Surface Water Soil Air
CONTAINER STORAGE UNIT (CSU)		This is the Permitted Operating Facility [Figure 1-1]	January 1, 1981 to Present	Groundwater Surface Water Soil Air
SPENT SOLVENT TANK STORAGE FACILITY		This is the Permitted Operating Facility shown on Figure 1 [*Permit Attachment 1*]	January 1,1981 to Present	Groundwater Surface Water Soil Air

APPENDIX 5-B
RCRA FACILITY INVESTIGATION (RFI) OUTLINE

The purpose of the RFI portion of the RCRA corrective action process is to evaluate the nature and extent of releases of hazardous wastes and/or hazardous constituents and to gather necessary data to support the Corrective Measures Study (CMS) and/or Interim Measures (IM). The Permittee shall accomplish the investigation through the following progression of tasks:

1. Gather information on the source of the release(s) to the environment (Source Characterization);

2. Gather information on the physical aspects of the environment which will affect the migration and fate of the release and identification of exposure pathways for both humans and non-human members of the environment (Environmental Setting);

3. Use Source Characterization and Environmental Setting to develop a conceptual model of the release, which will be used to plan and conduct a program to define the nature, rate and extent of the release (Sampling and Analysis Plan).

An RFI Work Plan and RFI Report are required elements of the RCRA corrective action process. The requirements for a full, detailed RFI are provided in the following paragraphs:

5.15 RFI WORK PLAN REQUIREMENTS - ELEMENTS OF THE RFI WORK PLAN

The RFI Work Plan shall include, at a minimum, the following elements:

5.15.1 Introduction - Summary Of Any Relevant Existing Assessment Data

The Permittee shall describe the purpose or objective of the RFI Work Plan and provide a summary of any existing environmental data, which is relevant to the investigation. The summary should provide the following items:

1. Title History of Property;

2. Facility operating dates;

3. Facility product (s);

4. Raw materials used in facility operations, wastes generated;

5. Nature and extent of any known contamination;

6. Summary of ongoing Interim Measures and past assessments; and

7. Summary of permit objective and how this objective will be satisfied.

5.16 ENVIRONMENTAL SETTING

The Permittee shall characterize the Environmental Setting as it relates to identified sources, pathways and areas of releases of hazardous constituents from SWMUs and/or AOCs. Data gaps pertinent to characterization of releases shall be identified and provisions made in Section 5.19 (*Sampling and Analysis Plan for Characterization of Releases of Hazardous Wastes/Hazardous Constituents*) to obtain the relevant information to fill the data gap. The environmental setting shall cover the following items:

5.16.1 Hydrogeology

The Permittee shall provide a summary of the hydrogeologic conditions at the Facility. This discussion shall include, but not be limited to, the following information:

1. A description of the regional and local geologic and hydrogeologic characteristics affecting ground-water flow beneath the Facility, including:

    a. Regional and Facility specific stratigraphy: a description of strata including strike and dip, identification of stratigraphic contacts;

    b. Structural geology: a description of local and regional structural features (e.g., folding, faulting, tilting, jointing, metamorphic foliation, etc.);

    c. Depositional history;

    d. Regional and Facility specific ground water flow patterns (porous media, fracture media, karst media); and

    e. Identification and characterization of areas and amounts of recharge and discharge (springs in karst terrain, base level streams and rivers).

2. An analysis of any topographic features that might influence the ground water flow system (e.g., sinkholes and sinking streams in karst terrains);

3. Based on any existing field data, tests (e.g., pump tests, tracer tests), and cores, a representative and accurate classification and description of the hydrogeologic units which may be part of the migration pathways at the Facility (i.e., the aquifers and any intervening saturated and unsaturated units), including:

   c. Hydraulic conductivity and porosity (total and effective), groundwater flow velocity, groundwater basin discharge;

   d. Lithology, grain size, sorting, degree of cementation;

   e. An interpretation of hydraulic interconnections between saturated zones (i.e., aquifers) and surface waters; and

   f. The attenuation capacity and mechanisms of the natural earth materials (e.g., ion exchange capacity, organic carbon content, mineral content, etc.).

4. Based on data obtained from groundwater monitoring wells and piezometers installed upgradient, water wells downgradient of the potential contaminant source, a representative description of water level or fluid pressure monitoring including:

   a. Water-level contour and/or potentiometric maps, including seasonal variations;

   b. Hydrologic cross sections showing vertical gradients;

   c. The flow system, including the vertical and horizontal components of flow; and

   d. Any temporal changes in hydraulic gradients, for example, due to tidal or seasonal influences and for karst terrain, storm flow.

5. A description of man-made influences that may affect the hydrology of the site, identifying:

a. Local water-supply and production wells with an approximate schedule of pumping; and

b. Man-made hydraulic structures (pipelines, french drains, ditches, roofs, runways, parking lots, etc.).

5.16.2 Soils

The Permittee shall provide an explanation of the soil and rock units above the water table in the vicinity of contaminant release(s). This summary may include, but not be limited to, the following types of information as appropriate:

1. Surface soil distribution;
2. Soil profile, including ASTM classification of soils;
3. Transects of soil stratigraphy;
4. Hydraulic conductivity (saturated and unsaturated);
5. Relative permeability;
6. Bulk density;
7. Porosity;
8. Soil sorption capacity;
9. Cation exchange capacity (CEC);
10. Soil organic content;
11. Soil pH;
12. Particle size distribution;
13. Depth of water table;
14. Moisture content;
15. Effect of stratification on unsaturated flow;
16. Infiltration;
17. Evapotranspiration;
18. Storage capacity;
19. Vertical flow rate; and

20. Mineral content.

5.16.3 Surface Water and Sediment

The Permittee shall provide a description of the surface water bodies in the vicinity of the Facility. This summary may include, but not be limited to, the following activities and information:

5.16.3.a Description of the Temporal and Permanent Surface Water Bodies Including:

1. For lakes; location, elevation, surface area, inflow, outflow, depth, temperature stratification, and volume;
2. For impoundments; location, elevation, surface area, depth, volume, freeboard, and construction and purpose;
3. For streams, ditches, and channels: location, elevation, flow, velocity, depth, width, seasonal fluctuations, flooding tendencies (i.e., 100 year event), discharge point(s), and general contents;
4. For wetlands obtain any available delineation;
5. Drainage patterns; and
6. Evapotranspiration

5.16.3.b Description of the Chemistry of the Natural Surface Water and Sediments.

This includes determining:

1. pH;
2. Total dissolved solids;
3. Total suspended solids;
4. Biological oxygen demand;
5. Alkalinity;
6. Conductivity;
7. Dissolved oxygen profiles;
8. Nutrients;
9. Chemical oxygen demand;

10. Total organic carbon;

11. Specific containment concentrations; and

12. Others as determined.

5.16.3.c Description of Sediment Characteristics

This includes:

1. Deposition area;

2. Thickness profile;

3. Physical and chemical parameters (e.g. grain size, density, organic carbon content, ion exchange capacity, pH, etc).

5.16.4 Air

The Permittee shall provide information characterizing the climate in the vicinity of the Facility. Such information shall include a description of the following parameters:

1. Annual and monthly rainfall averages;

2. Monthly temperature averages and extremes;

3. Wind speed and direction;

4. Relative humidity/dew point;

5. Atmospheric pressure;

6. Evaporation data;

7. Development of inversions; and,

8. Climate extremes that have been known to occur in the vicinity of the facility, including frequency of occurrence

A description of topographic and man-made features that affect air-flow and emission patterns, including the following shall also be included:

1. Ridges, hills, or mountain areas;

2. Canyons or valleys;

3. Surface water bodies (e.g., rivers, lakes, bays, etc.);

4. Wind breaks and forests; and

5. Buildings.

5.17 SOURCE CHARACTERIZATION

The Permittee shall collect analytical data to characterize the wastes and the areas where wastes have been placed, collected or removed including: type, quantity, physical form, disposition (containment or nature of disposal), and any Facility characteristics that may affect or have affected a release (e.g., facility security, engineered barriers).

Data gaps on source characterization shall be identified, and provisions shall be made pursuant to Section 5.19 (Sampling and Analysis Plan) to obtain relevant information to fill in the data gap.

This summary shall include quantification of the following specific characteristics, at each source area:

5.17.1 Unit/Disposal Area/Area of Concern Characteristics

1. Location of unit/disposal area;

2. Type of unit/disposal area;

3. Design features;

4. Operating practices (past and present) including the history of releases;

5. Period of operation;

6. Age of unit/disposal area;

7. General physical conditions; and,

8. Method used to close the unit/disposal area.

5.17.2 Waste Characteristics

5.17.2.a Type of Waste Placed in the Unit

1. Hazardous classification (e.g., flammable, reactive, corrosive, oxidizing or reducing agent);

2. Quantity; and

3. Chemical composition

5.17.2.b Physical and Chemical Characteristics

1. Physical form (solid, liquid, gas);
2. Physical description (e.g., powder, oily sludge);
3. Temperature;
4. pH;
5. General chemical class (e.g., acid, base, solvent);
6. Molecular weight;
7. Density;
8. Boiling point;
9. Viscosity;
10. Solubility in water;
11. Cohesiveness of the waste;
12. Vapor pressure; and
13. Flash point.

5.17.2.c Migration and Dispersal Characteristics of the Waste

1. Sorption;
2. Biodegradability, bioconcentration, biotransformation;
3. Photodegradation rates;
4. Hydrolysis rates; and
5. Chemical transformations.

The Permittee shall document the procedures used in making the above determinations.

5.18 POTENTIAL RECEPTORS

The Permittee shall provide data describing the human populations and environmental systems that are susceptible to contaminant exposure from the Facility. Data gaps pertinent to receptor analysis shall be identified and provisions made pursuant to

Section 5.18 to obtain the relevant information to fill the data gap. The following characteristics shall be identified;

5.18.1 Current Local Uses and Planned Future Uses of Groundwater

1. Type of use (e.g., drinking water source: municipal or residential, agricultural, domestic/non-potable, and industrial);

2. Location of groundwater users, to include withdrawal and discharge wells and springs, within one mile of the impacted area.

The above information should also indicate the aquifer or hydrogeologic unit used and/or impacted for each item.

5.18.2 Current Local Uses and Planned Future Uses of Surface Waters Directly Impacted by the Facility

1. Domestic and municipal (e.g., potable and lawn/gardening watering);

2. Recreational (e.g., swimming, fishing);

3. Agricultural;

4. Industrial; and

5. Environmental (e.g., fish and wildlife propagation

5.18.3 Human Use of or Access to the Facility and Adjacent lands, Including but not limited to;

1. Recreation;

2. Hunting;

3. Residential;

4. Commercial; and

5. Relationship between population locations and prevailing wind direction.

5.18.4 A General Description of the Biota in Surface Water Bodies on, adjacent to, or affected by the Facility.

5.18.5 A General Description of the Ecology within the area adjacent to the Facility.

5.18.6 A General Demographic Profile of the people who use, have access to the Facility and adjacent land, including, but not limited to: age; sex; and sensitive subgroups.

5.18.7 A description of any known or documented endangered or threatened species near the Facility.

5.19 SAMPLING AND ANALYSIS PLAN (SAP) FOR CHARACTERIZATION OF RELEASES OF HAZARDOUS WASTE/HAZARDOUS CONSTITUENTS

The Permittee shall prepare a plan to document all monitoring procedures necessary to characterize the extent, fate and transport of releases (i.e., identify sample locations, sample procedures and sample analysis to be performed during the investigation to characterize the environmental setting, source, and releases of hazardous constituents, so as to ensure that all information and data are valid and properly documented). The sampling strategy and procedures shall be in accordance with EPA Region 4 Environmental Compliance Branch's Standard Operating Procedure and Quality Assurance Manual (SOP) (most recent version). Any deviations from this SOP must be requested by the Permittee and approved by NMED. If a Risk Assessment is expected to be performed once release characterization is complete or nearly complete, Data Quality Objectives (DQO) for a Human Health Risk Assessment requires a Data Quality Objective of Level 3 or greater.

The Sampling and Analysis Plan must specifically discuss the following unless the SOP procedures are specifically referenced.

5.19.1 Sampling Strategy

1. Selecting appropriate sampling locations, depths, etc.;
2. Obtaining all necessary ancillary data;
3. Determining conditions under which sampling should be conducted;
4. Determining which media are to be sampled (e.g., groundwater, air, soil, sediment, subsurface gas);
5. Determining which parameters are to be measured and where;

6. Selecting the frequency of sampling and length of sampling period;

7. Selecting the types of samples (e.g., composite vs. grab) and the number of samples to be collected

5.19.2 Sampling Procedures

Documenting field sampling operations and procedures, including:

1. Documentation of procedures for preparation of reagents or supplies which become an integral part of the sample (e.g., filters, preservatives, and absorbing reagents);

2. Procedures and forms for recording the exact location and specific considerations associated with sample acquisition;

3. Documentation of specific sample preservation method;

4. Calibration of field instruments;

5. Submission of appropriate blanks (e.g., field, equipment, trip, etc.);

6. Potential interferences present at the Facility;

7. Construction materials and techniques, associated with monitoring wells and piezometers;

8. Field equipment listing and sampling containers;

9. Sampling order; and

10. Decontamination procedures.

5.19.3 Selecting Appropriate Sample Containers;

5.19.4 Sampling Preservation; and

5.19.5 Chain-of-custody, including

1. Standardized field tracking reporting forms to establish sample custody in the field prior to shipment;

2. Pre-prepared sample labels containing all information necessary for effective sample tracking; and

3. Chain-of-custody seals for sample containers and shipping coolers.

5.19.6 Sample Analysis

Sample analysis shall be conducted in accordance with the most recent version of *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*, 3rd Edition, EPA Publication SW-846, or an alternate method approved by NMED. The sample analysis section of the Sampling and Analysis Plan shall specify the following;

5.19.6.a Chain-of-custody Procedures, Including

1. Identification of a responsible party to act as sampling custodian at the laboratory facility authorized to sign for incoming field samples, obtain documents of shipment, and verify the data entered onto the sample custody records;

2. Provision for a laboratory sample custody log consisting of serially numbered standard lab-tracking report sheets; and

3. Specification of laboratory sample custody procedures for sample handling, storage, and disbursement for analysis.

5.19.6.b Sample storage (e.g., maximum holding times for constituents);

5.19.6.c Sample preparation methods;

5.19.6.d Analytical Procedures, including

1. Scope and application of the procedure;

2. Sample matrix;

3. Potential interferences;

4. Precision and accuracy of the methodology;

5. Method Detection Limits;

6. Practical Quantitative Limits

5.19.6.e Calibration Procedures and Frequency;

5.19.6.f Data reduction, Validation and Reporting;

5.19.6.g Internal Quality Control Checks, Laboratory performance and systems audits and frequency, including:

1. Method blank(s);
2. Laboratory control sample(s);
3. Calibration check sample(s);
4. Replicate sample(s);
5. Matrix-spiked sample(s);
6. "Blind" quality control sample(s);
7. Control charts;
8. Surrogate samples;
9. Zero and span gases; and
10. Reagent quality control checks.

5.19.6.h External Quality Control Checks by NMED, including;

1. Spikes and blanks at sampling events for which NMED or its technical representative provides oversight; and
2. The equivalent of a CLP data package for samples split with NMED or for which NMED specifically requests the package.

5.19.6.i Preventive maintenance procedures and schedules;

5.19.6.j Corrective action (for laboratory problems); and

5.19.6.k Turnaround time.

5.20 DATA MANAGEMENT PLAN

The Permittee shall develop and initiate a Data Management Plan to document and track investigation data and results. This plan shall identify and set up data documentation materials and procedures, project file requirements, and project-related progress reporting procedures and documents. The plan shall also

provide the format to be used to present the raw data and conclusions of the investigation.

5.20.1 Data Record

The data record shall include the following:

1. Unique sample or field measurement code;
2. Sampling or field measurement location and sample or measurement type;
3. Sampling or field measurement raw data;
4. Laboratory analysis identification number;
5. Property or component measures; and
6. Result of analysis (e.g. concentration, data qualifiers).

5.20.2 Tabular Displays

The following data shall be presented in tabular displays:

1. Unsorted (raw) data;
2. Results for each medium, or for each constituent monitored;
3. Data reduction for statistical analysis, as appropriate;
4. Sorting of data by potential stratification factors (e.g., location, soil layer, topography); and
5. Summary data.

5.20.3 Graphical Displays

The following data shall be presented in graphical formats (e.g., bar graphs, line graphs, area or plan maps, isopleth plots, cross-sectional plots or transects, three dimensional graphs, etc.):

1. Sampling location and sampling grid;
2. Indicate boundaries of sampling area, and area where more data are required;
3. Display geographical extent of contamination, both horizontally and vertically;

4. Illustrate changes in concentration in relation to distances from the source, time, depth or other parameters; and

5. Indicate features affecting inter-media transport and show potential receptors.

5.21 PROJECT MANAGEMENT PLAN - SCHEDULE OF IMPLEMENTATION

The Permittee shall prepare a Project Management Plan which will cover qualifications of personnel categories and the management control structure for the project. The Permittee shall also provide a schedule for completing the planned RFI activities. The schedule shall be as specific as possible (i.e., it should indicate the number of days/weeks/months required for each major work plan task).

5.22 RFI REPORT REQUIREMENTS - ELEMENTS OF THE RFI REPORT

The RFI Report shall include, at a minimum, the following elements:

5.22.1 Introduction

The Permittee shall describe the purpose of the RFI Work Plan and provide a summary description of the project.

5.22.2 Environmental Setting

The Permittee shall describe the Environmental Setting in and around the Facility. The RFI Work Plan shall contain some, if not all, of the information on the Environmental Setting. Any information collected during work plan implementation that clarifies or improves understanding of the Environmental Setting should be provided in this section.

5.22.3 Source Characterization

The Permittee shall summarize the sources of contamination and nature of releases identified at the Facility. The RCRA Facility Assessment and the RFI Work Plan shall contain information from the Source Characterization. Any information collected during work plan implementation or obtained from the sources (e.g., voluntarily or from other Environmental Programs)which directly addresses Source Characterization should be provided in this section.

5.22.4 Sampling and Analysis Results

The Permittee shall present data results obtained pursuant to the RFI Work Plan. The Permittee shall identify any work plan proposals which were not completed and explain why such actions were not finished. The Permittee shall also present his analysis/interpretation of how the sampling data meet the RFI objective and how the sampling data fits or modifies the contaminant conceptual model. For all analytical data, the Permittee shall discuss the results of data quality/data review.

5.22.5 Data Quality Assurance/Data Quality Control Review

The Permittee shall perform a Quality Assurance/Quality Control (QA/QC) data review on all data present in the RFI. The QA/QC data review shall be in accordance with the U.S. EPA *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (EPA-540/R94-013) and the U.S. EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (EPA-540/R94-012). The data review shall address the following:

1. Holding times;
2. Blanks;
3. Laboratory Control Samples;
4. Field Duplicates;
5. Surrogate Recoveries;
6. Matrix Spike/Matrix Spike Duplicates;
7. Data Assessment - Data Usability.

5.22.6 Conclusions

The Permittee shall summarize the major conclusions reached after analysis of the environmental setting, source characterization, sampling and analysis results and data quality. Any data gaps, needed to complete characterization of the scope and extent of the releases from SWMUs and/or AOCs or to refine further the contaminant conceptual model, shall be identified and recommendations made in the Recommendations Section of the report.

5.22.7 Recommendations

The Permittee shall provide his recommendations on what, if any, further action is needed to complete the characterization of release(s) from SWMUs and/or AOCs.

5.22.8 Work Plan for Additional Investigations

If further investigations are determined to be needed to complete the objectives of the RFI, then the Permittee shall provide a work plan to complete characterization of the release(s).

5.23 DETERMINATION OF NO FURTHER ACTION (NFA)

Based on the results of the RFI and other relevant information, the Permittee may submit an application to NMED for a Class 3 Permit modification under 20.4.1.900 NMAC (incorporating 40 CFR 270.42(c)) to terminate the RFI/CMS process for a specific unit. This permit modification application must contain information demonstrating that there are no releases of hazardous wastes or hazardous constituents from a particular SWMU/AOC at the facility that poses a threat to human health and the environment, as well as information required in 20.4.1.900 NMAC (incorporating 40 CFR 270.42(c)), which incorporates by reference 40 CFR 270.13 through 270.21, 270.62, and 270.63. If, based upon review of the Permittee's request for a permit modification, the results of the RFI, and other information, including comments received during the 60 day public comment period required for Class 3 permit modifications, NMED determines that releases or suspected releases which were investigated either are non-existent or do not pose a threat to human health and the environment, NMED will grant the requested modification. See Appendix 5-E for NFA Criteria.

A determination of no further action shall not preclude NMED from requiring continued or periodic monitoring of air, soil, ground water, or surface water, when site-specific circumstances indicate that release of hazardous wastes including hazardous constituents are likely to occur, if necessary to protect human health and the environment.

A determination of no further action shall not preclude NMED from requiring further investigations, studies, or remediation at a later date, if new information or subsequent analysis indicates a release or likelihood of a release from a SWMU at the Facility that is likely to pose a threat to human health or the environment. In such case, NMED may initiate either a modification to the Corrective Action Part of this Permit according to procedures in this Permit, or a major permit

modification according to 20.4.1.900 NMAC (incorporating 40 CFR 270.41).

APPENDIX 5-C
CORRECTIVE MEASURE STUDY OUTLINE

The purpose of the corrective measure study (CMS) portion of the RCRA corrective action process is to identify and evaluate potential remedial alternatives for the releases of hazardous constituents that have been identified at the Facility through the RFI or other investigations to need further evaluation. The scope and requirements of the CMS are balanced with the expeditious initiation of remedies and rapid restoration of contaminated media. The scope and requirements of the CMS should be focused to fit the complexity of the site-specific situation. Therefore, a streamlined or focused approach to the CMS may be initiated. Information gathered during any stabilizations or interim measures will be used to augment the CMS and in cases where corrective action goals are met, may be a substitute for the final CMS.

Regardless of whether a streamlined/focused or a detailed CMS is required, a CMS Work Plan and CMS Report are generally required elements. The requirements for a full detailed CMS are listed below. The New Mexico Environment Department has the flexibility not to require sections of the plan and/or report, where site-specific situations indicate that all requirements are not necessary. Additionally, NMED may require additional studies besides those discussed below in order to support the CMS.

5.24 CORRECTIVE MEASURES STUDY WORK PLAN

5.24.1 Elements of the CMS Work Plan

The Corrective Measures Study Work Plan shall include the following elements:

1. A brief site-specific description of the overall purpose of the CMS;

2. A brief description of the corrective measure objectives, including proposed target media cleanup standards (e.g., promulgated Federal and State standards) and preliminary points of compliance or a description of how a risk assessment will be performed (e.g., guidance documents);

3. A brief description of the specific corrective measure technologies and/or corrective measure alternatives which will be studied;

4. A brief description of the general approach to investigating and evaluating potential corrective measures;

5. A detailed description of any proposed pilot, laboratory and/or bench scale studies;

6. A proposed outline for the CMS Report including a description of how information will be presented;

7. A brief description of overall project management including overall approach, levels of authority (include organization chart), lines of communication, project schedules, budget and personnel. Include a description of qualifications for personnel directing or performing the work;

8. A project schedule that specifies all significant steps in the process and when key documents (e.g., CMS Progress Reports, draft CMS Report) are to be submitted to the NMED; and

9. A detailed Public Involvement Plan.

5.25 CORRECTIVE MEASURES STUDY (CMS) REPORT

The detail of a CMS may vary based upon the complexity of the site, on-going Interim Measures, etc. However, the CMS Report may include the following elements:

5.25.1 Introduction/Purpose

The Permittee shall describe the purpose of the CMS Report and provide a summary description of the project.

5.25.1.a Description of Current Situation

The Permittee shall submit a summary and an update to the information describing the current situation at the Facility and the known nature and extent of the contamination as documented by the RCRA Facility Investigation (RFI) Report. This discussion should concentrate on those issues, which could significantly affect the evaluation and selection of the corrective measures alternative(s). The Permittee shall provide an update to information presented in the RFI regarding previous response activities and interim measures, which have been, or are being implemented at the Facility. The Permittee shall also make a facility specific statement of the purpose for the response, based on the results of the RFI. The statement of purpose should

identify the actual or potential exposure pathways that should be addressed by corrective measures.

5.25.2 Establishment of Proposed Media Specific Cleanup Standards

The Permittee shall describe the proposed media cleanup standards and point of compliance. The standards shall be either background, promulgated Federal and State standards or risk-derived standards. If media clean-up standards are not proposed, then NMED will unilaterally propose setting media clean-up standards to either background, promulgated Federal and State standards or the most conservative risk-derived standards.

5.25.3 Identification, Screening and Development of Corrective Measure Technologies

5.25.3.a Identification

List and briefly describe potentially applicable technologies for each affected media that may be used to achieve the corrective action objectives. The Permittee shall include a table that summarizes the available technologies.

The Permittee should consider innovative treatment technologies, especially in situations where there are a limited number of applicable corrective measure technologies.

Presumptive remedies may take the place of evaluating alternative remedies if the Permittee can demonstrate that the presumptive remedy selected has been proven successful in previous tests of the remedy within New Mexico or the United States.

5.25.3.b Screening

The Permittee shall screen the corrective measure technologies to eliminate those that may prove infeasible to implement, that rely on technologies unlikely to perform satisfactorily or reliably, or that do not achieve the corrective measure objective within a reasonable time period. This screening process focuses on eliminating those technologies which have severe limitations for a given set of waste and site-specific conditions. The screening step may also eliminate technologies based on inherent technology limitations.

Site, waste, and technology characteristics which are used to screen inapplicable technologies are described in more detail below:

1. *Site Characteristics*: Site data should be reviewed to identify conditions that may limit or promote the use of certain technologies. Technologies clearly precluded by site characteristics should be eliminated from further consideration;

2. *Waste Characteristics*: Identification of waste characteristics that limit the effectiveness or feasibility of technologies is an important part of the screening process. Technologies clearly limited by these waste characteristics should be eliminated from consideration. Waste characteristics particularly affect the feasibility of in-situ methods, direct treatment methods, and land disposal (on/off-site);

3. *Technology Limitations*: During the screening process, the level of technology development, performance record, and inherent construction, operation, and maintenance problems should be identified for each technology considered. Technologies that are unreliable, perform poorly, or are not fully demonstrated may be eliminated in the screening process. For example, certain treatment methods have been developed to a point where they can be implemented in the field without extensive technology transfer or development.

5.25.3.c Corrective Measure Development

The Permittee shall assemble the technologies that pass the screening step into specific alternatives that have the potential to meet the corrective action objectives for each media. Each alternative may consist of an individual technology or a combination used in sequence (i.e., treatment train). Different alternatives may be considered for separate areas of the Facility, as appropriate. The Permittee shall list and briefly describe each corrective measure alternative.

5.25.4 Evaluation of a Final Corrective Measure Alternative

For each remedy which warrants a more detailed evaluation (i.e., those that passed through the screening step), including those situations where only one remedy is proposed, the Permittee shall provide detailed documentation of how the potential remedy will comply with each of the standards listed below. These standards reflect the major technical components of remedies including cleanup of releases, source control and management of wastes that are generated by remedial activities. The specific standards are as follows:

1. Protect human health and the environment;

2. Attain media cleanup standards set by NMED;

3. Control the source of releases so as to reduce or eliminate, to the extent practicable, further releases that may pose a threat to human health and the environment;

4. Comply with applicable standards for management of wastes;

5. Other factors.

In evaluating the selected alternative or alternatives, the Permittee shall prepare and submit information that documents that the specific remedy will meet the standards listed above. The following guidance should be used in completing this evaluation.

5.25.4.a Protect Human Health and the Environment

Corrective action remedies must be protective of human health and the environment. Remedies may include those measures that are needed to be protective, but are not directly related to media cleanup, source control or management of wastes. An example would be a requirement to provide alternative drinking water supplies in order to prevent exposures to releases from an aquifer used for drinking water purposes. Therefore, the Permittee shall provide a discussion of any short-term remedies necessary to meet this standard, as well as discuss how the corrective measures alternatives meet this standard.

5.25.4.b Attain Media Cleanup Standards

Remedies will be required to attain media cleanup standards. As part of the necessary information for satisfying this requirement, the Permittee shall address whether the potential remedy will achieve the remediation objectives. An estimate of the time frame necessary to achieve the goals shall be included. Contingent remedies may be proposed if there is doubt if the initial remedy will be successful (*e.g.*, contingent remedies to innovative technologies).

5.25.4.c Control of Sources of Releases

The Permittee shall address the issue of whether source control measures are necessary, and if so, the type of actions that would be appropriate. Any source control measure proposed should include a discussion on how well the method is anticipated to

work given the particular situation at the CSU, and the known track record of the specific technology.

5.25.4.d Comply With any Applicable Standards for Management of Wastes

The Permittee shall include a discussion of how the specific waste management activities will be conducted in compliance with all applicable State and Federal regulations (e.g., closure requirements, LDRs).

5.25.4.e Other Factors

There are five general factors that will be considered as appropriate by NMED in selecting/approving a remedy that meets the four standards listed above. These five decision factors include:

1. Long-term reliability and effectiveness;
2. Reduction in the toxicity, mobility or volume of wastes;
3. Short-term effectiveness;
4. Implementability; and
5. Cost.

Examples of the type of information to include are provided below:

a. *Long-term reliability and effectiveness*: The Permittee may consider whether the technology, or combination of technologies, have been used effectively under analogous site conditions, whether failure of any one technology in the alternative would have any immediate impact on receptors, and whether the alternative would have the flexibility to deal with uncontrollable changes at the site. Operation and maintenance requirements include the frequency and complexity of necessary operation and maintenance. In addition, each corrective measure alternative should be evaluated in terms of the projected useful life of the overall alternative and of its component technologies. Useful life is defined as the length of time the level of effectiveness can be maintained;

b. *Reduction in the toxicity, mobility or volume of wastes*: Remedies will be preferred that employ techniques that are capable of eliminating or substantially reducing the potential for the wastes in SWMUs and/or contaminated media at the Facility to cause future environmental releases. Estimates of how the corrective measure alternative will reduce toxicity, mobility and or volume of the waste is required and may be accomplished through a comparison based on reports, data, and environmental setting etc., of initial site conditions to expected post-corrective measures conditions.

c. *Short-term effectiveness*: The Permittee shall evaluate each corrective measure alternative for short-term effectiveness. Possible factors to consider are fire, explosion, exposure to hazardous constituents and potential threats associated with the treatment, excavation, transportation and re-disposal or containment of the waste material.

d. Information to consider when assessing implementability include:

1. The administrative activities needed to implement the corrective measure alternative (e.g. permits, rights of way, etc.) and the length of time these activities will take;

2. The constructibility, time for implementation, and time for beneficial results;

3. The availability of adequate off-site treatment, storage capacity, disposal services, needed technical services and materials; and

4. The availability of prospective technologies for each corrective measure alternative.

e. *Cost*: The Permittee shall develop an estimate of the cost of each corrective measure alternative (and for each phase or segment of the alternative). The cost estimate shall include both capital and operation and maintenance costs. The capital costs shall include, but are not limited to, costs for: engineering, site

preparation, construction, materials, labor, sampling/analysis, waste management/disposal, permitting, health and safety measures, etc. The operation and maintenance costs shall include labor, training, sampling and analysis, maintenance materials, utilities, waste disposal and/or treatment, etc. Costs shall be calculated as the net present value of the capital, and operation and maintenance costs.

5.25.5 Justification and Recommendation of the Corrective Measure or Measures

The Permittee shall justify and recommend in the CMS Report a corrective measure alternative for consideration by NMED. Such a recommendation should include a description and supporting rationale for the preferred alternative that is consistent with the corrective action standards and remedy selection decision factors discussed above. In addition, this recommendation shall include summary tables, which allow the alternative or alternatives to be understood easily. Trade-offs among health risks, environmental effects, and other pertinent factors shall be highlighted. The Secretary will select the corrective measure alternative or alternatives to be implemented based on the results presented in the CMS Report.

APPENDIX 5-D

SCHEDULE OF COMPLIANCE

Schedule of Compliance	Due Date
Notification of Newly Identified SWMUs and AOCs *Permit Condition 5.3.1. and* *Permit Condition 5.3.2.*	Within 15 calendar days of discovery
SWMU Assessment Report *Permit Condition 5.3.3.*	Within 90 calendar days of notification
Notification for Newly Discovered Releases at Previously Identified SWMUs and AOCs *Permit Condition 5.4.1.*	Within 15 calendar days of discovery
Confirmatory Sampling Work Plan for SWMUs or AOCs identified in Appendix 5-A *Permit Condition 5.5.1*	Within 45 calendar days after effective date of permit
Confirmatory Sampling Work Plan for SWMUs and AOCs identified under *Permit Condition 5.3.1.* *Permit Condition 5.5.1.*	Within 45 calendar days of notification by the Secretary
Confirmatory Sampling Report *Permit Condition 5.5.4.*	In accordance with the approved CS Work Plan
RFI Work Plan for SWMU(s) and AOC(s) identified under Permit Condition 5.2.1. *Permit Condition 5.6.1.a.*	Within 90 calendar days from effective date of permit.

Schedule of Compliance	Due Date
RFI Work Plan for SWMU(s) and AOC(s) Identified under *Permit Condition 5.3.3.,* *Permit Condition 5.4.2.,* or *Permit Condition 5.5.5.* *Permit Condition 5.6.1.a.*	Within 90 calendar days after receipt of notification by the Secretary which SWMUs or AOCs require an RFI.
Draft RFI Report *Permit Condition 5.6.3.a.*	In accordance with the approved RFI Work Plan
Final RFI Report *Permit Condition 5.6.3.b.*	Within 30 calendar days after receipt of the Secretary's final comments on Draft RFI Report.
RFI Progress Reports *Permit Condition 5.6.3.d.*	Quarterly, beginning 90 calendar days from the start date specified by the Secretary*
Interim Measures Work Plan *Permit Condition 5.7.1.a.*	Within 30 calendar days of notification by the Secretary
Interim Measures Progress Reports *Permit Condition 5.7.3.a.*	In accordance with the approved Interim Measures Work Plan ** or semi-annually for Permittee initiated IM
Interim Measures Report *Permit Condition 5.7.3.b.*	Within 90 calendar days of completion
CMS Work Plan *Permit Condition 5.8.1.a.*	Within 90 calendar days of notification by the Secretary that a CMS is required

Schedule of Compliance	Due Date
Implementation of CMS Work Plan *Permit Condition 5.8.2.*	Within 15 calendar days after receipt of the Secretary's approval of Plan
Draft CMS Report *Permit Condition 5.8.3.a.*	In accordance with the schedule in the approved CMS Work Plan
Final CMS Report *Permit Condition 5.8.3.a.*	Within 30 calendar days of the Secretary's final comments on Draft CMS Report
Demonstration of Financial Assurance *Permit Condition 5.10*	Within 120 calendar days after permit modification for remedy
Noncompliance/Imminent Hazard Report *Permit Condition 1.6.10.d.*	Oral within 24 hours and written within 15 calendar days of becoming aware of the hazardous circumstances
Complete installation of emission control technology for units identified under *Permit Condition 7.1.*	By "Installation Due Date" under Permit Condition 7.1.
Written report of noncompliance of tanks, surface impoundments or Containers with 20.4.1.500 NMAC (incorporating 40 CFR 264.1082(c)(1) or (c)(2)). *Permit Conditions 7.3 and 7.4*	Within 15 calendar days of becoming aware of noncompliance
Written report of noncompliance of tanks with 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)(1) or (c)(2)) *Permit Condition 7.4.*	Within 15 calendar days of becoming aware of noncompliance

Schedule of Compliance	Due Date
Semi-Annual Report for Use of Control Devices 20.4.1.500 NMAC (incorporating 40 CFR 264.1090(c))- if applicable.	Semi-annually, beginning 6 months from the effective date of the permit*.

The above reports must be signed and certified in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.11).

* This applies to Work Plan execution that requires more than 180 calendar days

** This applies to Work Plan execution that requires more than one year.

APPENDIX 5-E
ACTION LEVELS AND RISK ASSESSMENT

5.26 DEFINITION

Action levels are conservative health-based concentrations of hazardous constituents determined to be indicators for the protection of human health or the environment. Action levels shall be set for all hazardous constituents, a subset of hazardous wastes, identified in the RFI Report or for those hazardous constituents which the Secretary has reason to believe may have been released from a SWMU or AOC at the Facility. Should the concentration of a hazardous constituent(s) in an aquifer, surface water, soils, or air exceed its action level for any environmental medium, the Secretary may require the Permittee to conduct a CMS to meet the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.101). If the Secretary determines that a constituent(s) released from a SWMU or AOC in quantities below its respective action level(s) may pose a threat to human health or the environment, given site-specific exposure Permit Conditions, cumulative effects, ecological concerns, etc., then the Secretary has the authority to require a CMS to meet the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.101).

5.26.1 Action levels

Action Levels shall be concentration levels that:

1. Are derived in a manner consistent with NMED guidelines for assessing human and environmental health risks from hazardous constituents;

2. Are based on scientifically valid studies conducted in accordance with the Toxic Substances Control Act (TSCA) Good Laboratory Practice Standards, or equivalent approved studies;

3. For human health action levels to address carcinogens, represents a concentration associated with an excess upper bound lifetime cancer risk of 1×10^{-5} for carcinogens due to continuous constant lifetime exposure; and

4. For human health action levels to address systemic toxicants, represents a concentration to which the human population (including sensitive subgroups) could be exposed on a daily basis that is likely to be without appreciable risk of deleterious effects during a lifetime.

For constituent(s) detected in groundwater, air, surface water, or soils, for which a concentration level that meets the criteria specified in Section 5.20.1 of this Appendix is not available or possible, the action level shall be the background concentration of the constituent(s).

5.27 GROUNDWATER

Action levels for constituents in groundwater shall be concentrations specified as:

1. Maximum Contaminant Level (MCL) defined as the maximum permissible level of a contaminant in water which is delivered to any user of a public water system;

2. 20.6.2 NMAC New Mexico Water Quality Control Commission Regulations; or

3. For constituents for which MCLs have not been promulgated, a concentration which satisfies the criteria specified in Section 5.20.1 of this Appendix shall be calculated.

In deriving human health action levels for constituents for which MCLs have not been promulgated, the recommended equations/assumptions shall be those in NMED recommended guidance documents. Because the science of risk assessment is in flux and current technical criteria/opinion may change, the Secretary reserves that right to revise the above recommended guidance as needed to meet the criteria listed in Section 5.20.1.

5.28 SURFACE WATER

Action levels for constituents in surface water shall be concentrations specified as:

1. Water Quality Standards established pursuant to the New Mexico Water Quality Control Commission (WQCC), where such standards are expressed as numeric values; or

2. MCLs for constituents in surface water designated by the WQCC for drinking water supply, where numeric values or numeric interpretations, described in paragraph 1 is not available; or

3. For constituents in surface waters designated by the WQCC for drinking water supply for which numeric values, numeric interpretations, or MCLs are not available, a concentration which meets the criteria specified in Section 5.20.1 of this Appendix shall be

calculated assuming exposure through consumption of the water contaminated with the constituent; or

4. For constituents in surface waters designated for use or uses other than drinking water supply and for which numeric values or numeric interpretations have not been established, a concentration shall be established by using the NMED recommended guidance.

In deriving human health action levels for constituents in surface water, the recommended equations/assumptions shall be those developed by NMED in *Assessing Human Health Risks Posed by Chemicals: Screening-level Risk Assessment, August 27, 1999* (or the most recent edition). Because the science of risk assessment is in flux and current technical criteria/opinion may change, the Secretary reserves the right to revise the above recommended equations/assumptions as needed to meet the criteria listed in Section 5.20.1.

5.29 SOILS

Action levels for constituents in soils shall be concentrations which meet the criteria specified in section 5.20.1 of this Appendix.

The calculation of human health action levels for soil includes several specific exposure routes which must be evaluated individually: (1) ingestion; (2) inhalation; and (3) leachability to groundwater. In deriving action levels to address ingestion, inhalation and leaching, the methodology/assumptions found in the most recent Soil Screening Level in the NMED revised guidance such as *Assessing Human Health Risks Posed by Chemicals: Screening-level Risk Assessment, August 27, 1999* (or the most recent edition), should be reviewed for appropriate equations and assumptions. Because the science of risk assessment is in flux and current technical criteria/opinion may change, the Secretary reserves the right to revise the above recommended equations/assumptions as needed to meet the criteria listed in Section 5.20.1.

5.30 SEDIMENT

Action levels for constituents in sediment shall be based on whether human health or ecological health is the major concern. If ecological concerns are deemed to predominate, then action levels for constituents in sediment shall be concentrations based on the latest sediment screening values as calculated by following the HWB/NMED recommended guidance for *Assessing Ecological Risks Posed by Chemicals: Screening-Level Ecological Risk Assessment* (or the most recent edition). Because the

science of risk assessment is in flux and current technical criteria/opinion may change, the Secretary reserves the right to revise the above recommended equations/assumptions as needed to meet the criteria listed in Section 5.19.1.

If an ecological sediment screening value for a constituent of concern has not been generated by NMED and cannot be generated using the criteria in Section 5.19.1, then the ecological action level for sediment shall be the background level of the constituent. If human health is the prevailing concern, then the human health action level for sediment shall address all applicable exposures.

5.31 CALCULATION OF ACTION LEVELS

The Permittee shall adhere to RFI guidance in the calculation of action levels for all the environmental media specified in this Module. The Permittee shall ensure that action level calculations account for the potential of exposure to multiple contaminants and through multiple routes. These action levels shall be updated as new toxicity data and promulgated standards (e.g., maximum contaminant levels) are derived. The most recent reference doses, reference concentrations, and cancer slope factors (e.g., data found in EPA's Integrated Risk Information System) shall be used in the calculation of action levels. The toxicity data available at the time that a determination for further action is made (i.e., requirement to conduct a CMS), including interim measures, shall be used in the calculations. If used as final cleanup levels, action levels shall be calculated using the most recent toxicity data and promulgated standards existing at the time of implementation of corrective measures.

5.32 RISK ASSESSMENTS

5.32.1 Performance of Risk Assessments

The Permittee shall conduct human health and ecological risk assessments to determine risks to human health and the environment. These risk assessments shall be used to establish baseline risk at a site and/or to derive interim or final cleanup levels at the site. These risk assessments, if necessary, shall be performed concurrently with the corrective action activities specified in this Module, including any activities undertaken during implementation of the activities proposed in the RFI Work Plan. These risk assessments may also be performed concurrently with the RFI Report and Summary and the CMS Phase of this Module, but only after the Permittee has determined the full vertical and horizontal nature, rate, and extent of contamination at each respective SWMU.

5.32.2 Applicable Guidance Documents and Publications

The Permittee shall use final versions of the following guidance documents and publications, including any subsequent revisions, in the performance of the required risk assessments:

Assessing Human health Risks Posed by Chemicals: Screening-Level Risk Assessment; and

Guidance for Assessing Ecological Risks Posed by Chemicals: Screening-Level Ecological Risk Assessment, and *Compendium of ORD and OSWER Documents Relevant to RCRA.*

5.32.3 Baseline Risk Assessments

Baseline human health and ecological risk assessments shall be used to evaluate the risks posed by contaminants at a site prior to the beginning of any corrective actions in order to determine the need for remedial action.

Although action levels should be sufficiently protective of human health and the environment, they may be inappropriate under certain circumstances. Such exceptions will apply, but not be limited to the following circumstances. In cases where there are confirmed releases to ground water, surface water, air, or sediments, a baseline risk assessment shall be required to determine the need for stabilization/interim measures, especially where health advisories have been issued by NMED. In addition, action levels may be inappropriate at a site where leaching from contaminated soils into ground water poses greater risk than ingestion of the soils or where food-chain transfer of contaminants may be of human health concern.

If an action level has been exceeded, for any environmental media of concern, at any time during the corrective action activities required by this Part, the Permittee may be required to conduct a risk assessment to determine risks to human health and the environment and the necessity to perform interim measures. Risk assessments to determine final cleanup levels or to be used in justifying no further action determinations shall be conducted only after the Permittee has determined the full vertical and horizontal nature, rate, and extent of contamination for each SWMU or AOC or groups of SWMUs or AOCs at the Facility.

5.32.4 Risk Assessments for Deriving Cleanup Levels

Risk assessments, if required by the Secretary, may also be used to establish interim cleanup levels, in addition to the final cleanup level. Risk assessments may be required as specified in this Part. Where selected remedies cannot meet acceptable risk

levels or action levels (if action levels are chosen as final cleanup levels), a risk assessment may also be required.

The Secretary will review risk assessments as part of the CMS Phase of the corrective action activities specified in this Module in deriving final cleanup levels, but only after the Permittee has determined the full vertical and horizontal nature, rate, and extent of contamination from each SWMU or AOC or groups of SWMUs or AOCs specified pursuant to this Part.

5.33 DETEMINATION OF NO FURTHER ACTION (NFA)

The Permittee may submit a risk assessment(s) justifying no further action at a SWMU(s) or AOC(s) concurrently with submittal of the RFI Report and Summary specified in Permit Condition 5.6.3, only if the Permittee has determined the full vertical and horizontal nature, rate, and extent of contamination for each SWMU or AOC or group of SWMUs or AOCs specified in this Part. Based upon the results of the RFI and other relevant information, the Permittee may submit an application to the Secretary for a Class 3 permit modification in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.42(c)) to remove SWMU(s) or AOC(s) from Table A.1 and transfer them to Table A.2 of this Permit.

Any Class 3 permit modification application shall contain information demonstrating that there are no releases of hazardous wastes including hazardous constituents from the SWMU(s) or AOC(s) that pose a threat to human health and the environment, as well as information required by 20.4.1.900 NMAC (incorporating 40 CFR 270.13 through 40 CFR 270.21, 40 CFR 270.62), and 20.4.1.500 NMAC (incorporating 40 CFR 260.63).

If, after review of the Permittee's request for a permit modification, the results of the RFI and other information including comments received during the 60 day public comment period required for Class 3 permit modifications, NMED determines that releases or suspected releases which were investigated are non-existent, do not pose a threat to human health and the environment, or were removed or adequately treated to acceptable risk levels during an ICM, NMED will grant the requested permit modification.

5.34 SITES RECOMMENDED FOR NFA

Sites recommended for NFA shall meet one of the following criteria. Satisfaction of the criteria will be determined by NMED.

5.34.1 NFA Criterion I

The SWMU or AOC cannot be located, does not exist, or is a duplicate SWMU or AOC.

5.34.2 NFA Criterion II

The SWMU or AOC has never been used for the management (i.e. generation, treatment, storage, and/or disposal) of RCRA solid waste or hazardous wastes and/or constituents or other CERCLA hazardous substances.

5.34.3 NFA Criterion III

No release from the environment has occurred or is likely to occur in the future from the SWMU or AOC.

5.34.4 NFA Criterion IV

A release from the SWMU or AOC to the environment has occurred, but the SWMU or AOC was characterized and/or remediated under other authority such as NMED's Petroleum Storage Tank or Groundwater Bureaus, which adequately addressed RCRA corrective action, and documentation, such as a closure letter, is available.

5.34.5 NFA Criterion V

The SWMU or AOC has been characterized or remediated in accordance with the current applicable State and Federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use.

5.35 NFA NOT PRECLUDING MONITORING OR FURTHER INVESTIGATIONS

5.35.1 Monitoring

A determination of no further action shall not preclude the Secretary from requiring continued or periodic monitoring of air, soil, groundwater, or surface water, when site-specific circumstances indicate that release of hazardous wastes, including hazardous constituents are likely to occur, if necessary to protect human health and the environment.

5.35.2 Further Investigations

A determination of no further action shall not preclude the Secretary from requiring further investigations, studies, or

remediation at a later date, if new information or subsequent analysis indicates a release or likelihood of a release from the SWMU(s) or AOC(s) that is likely to pose a threat to human health or the environment. In such a case, the Secretary shall initiate either a modification to this Appendix according to procedures in Section 5.34 of this Appendix, or a major permit modification according to 20.4.1.900 NMAC (incorporating 20 CFR 270.41), to rescind the determination made in accordance with Permit Condition 5.34 of this Appendix.

PART 6
40 CFR 264 SUBPART BB REQUIREMENTS

PART 6
40 CFR 264 SUBPART BB REQUIREMENTS

6.1 APPLICABILITY

1. 20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart BB) applies to equipment, identified in the Facility Operating Permit previously issued by NMED, that contains or contacts hazardous wastes with organic concentrations of at least 10 percent by weight, except as provided for in 20.4.1.500 NMAC (incorporating 40 CFR 264.1 and 264.1064(k)).

2. The conditions of this Part apply to the equipment identified in the *Equipment Inventory and Master List* located in Permit Attachment 5, *Inspection Plan and Schedule*, and Attachment 6, *Preparedness and Prevention,* which is required under 40 CFR 264 Subpart BB to be monitored and/or inspected.

3. The requirements of 40 CFR 264 Subpart BB shall be incorporated into this Permit in accordance with the requirements of 40 CFR 124.15, pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1050(c)).

4. The Permittee shall mark each piece of equipment to which 40 CFR 264 Subpart BB applies, in such a manner that it can be readily distinguished from other pieces of equipment in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1050(d)).

6.2 GENERAL STANDARDS

The Permittee shall comply with the applicable requirements of 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart BB).

6.3 SUBPART BB STANDARDS

6.3.1 Open Ended Valves or Lines

Each open ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1056(a)(1)).

6.3.2 Pumps, Flanges, and Valves in Heavy Liquid Service

Pumps, flanges, and valves, and other connectors in heavy liquid service shall be monitored within 5 calendar days by the method specified in 40 CFR 264.1063(b) if evidence of a potential leak is found by any detection method pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1058(a)).

If an instrument reading of 10,000 parts per million (ppm) or greater is measured, a leak is detected pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1058(b)).

If a leak is detected, the Permittee shall repair it as soon as possible, but not later than 15 calendar days after it has been detected except as provided in 40 CFR 264.1059, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1058(c)).

6.3.3 Delay of Repair

Delay of repair of equipment for which leaks have been detected shall be permitted only in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1059).

6.3.4 Test Methods and Procedures

The Permittee shall comply with the test procedures requirements provided in 20.4.1.500 NMAC (incorporating 40 CFR 264.1063(a), (b), (d), and (e)).

Leak detection monitoring as required in 40 CFR 264.1058 shall comply with the following requirements:

1. Shall comply with Reference Method 21 in 40 CFR 60;

2. The detection instrument shall meet the performance criteria of Method 21 in 40 CFR 60;

3. The instrument shall be calibrated before use on each day of its use by the procedures specified in Reference Method 21 in 40 CFR 60;

4. Calibration gases shall be;

    a. Zero air (less than 10 ppm of hydrocarbon in air);

    b. A mixture of methane or n-hexane and air at a concentration of approximately, but less than, 10,000 ppm methane or n-hexane;

c. The instrument probe shall be traversed around all potential leak interfaces as close to the interface as possible as described in Reference Method 21 in 40 CFR 60.

In accordance with the Waste Analysis Plan contained in Permit Attachment 3, the Permittee shall determine, for each piece of equipment, whether the equipment contains or contacts a hazardous waste with organic concentration that equals or exceeds 10 percent by weight in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 1063(d) and (e)).

6.4 RECORDKEEPING REQUIREMENTS

6.4.1 Subpart BB Equipment

The Permittee shall record the following information in the Facility Operating Record for each piece of equipment to which 40 CFR 264 Subpart BB applies, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1064(b)(1));

1. Equipment identification number and hazardous waste management unit identification;

2. Approximate locations within the Facility;

3. Type of equipment;

4. Percent-by-weight total organics in the hazardous waste stream at the equipment;

5. Hazardous waste state at the equipment;

6. Method of compliance with the standard.

6.4.2 Leak Detection

In accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1064(c), when a leak is detected as specified in 40 CFR 264.1058, the following requirements shall apply;

1. A weatherproof and readily visible identification, marked with the equipment identification number, the date evidence of a potential leak was found in accordance with 40 CFR 264.1058(a), and the date the leak was detected, shall be attached to the leaking equipment;

2. The identification on equipment, except on a valve, may be removed after it has been repaired.

6.4.3 Inspection Log Entries for Leak Detection

When each leak is detected as specified in 40 CFR 264.1058, the following information shall be recorded in the inspection log and shall be kept in the Facility Operating Record pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1064(d) and 40 CFR 264.1064(g));

1. The instrument and operator identification numbers, and the equipment identification numbers (except welded fittings);

2. The date of evidence of a potential leak was found in accordance with 40 CFR 264.1058(a);

3. The date the leak was detected and the dates of each attempt to repair the leak;

4. Repair methods applied in each attempt to repair the leak;

5. "Above 10,000" if the maximum instrument reading measured by the methods specified in 40 CFR 264.1063 (b) after each repair attempt is equal to or greater than 10,000 ppm;

6. "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak;

7. Documentation supporting the delay of repair of a valve in compliance with 40 CFR 264.1059(c);

8. The signature of the Permittee, or designee, whose decision it was that repair could not be effected without a hazardous waste management unit shutdown;

9. The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days;

10. The date of successful repair of the leak.

Records of equipment leak information required to be kept by 40 CFR 264.1064(d) shall be kept for a minimum of 3 years pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1064(l)).

6.5 REPORTING REQUIREMENTS

6.5.1 Semi-Annual Reporting

A semi-annual report shall be submitted by the Permittee, subject to the requirements of 40 CFR 264 Subpart BB, to the Secretary in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1065(a)), and shall contain the following information;

1. The EPA identification number, name, and address of the Facility;

2. Dates of hazardous waste management unit shutdowns that occurred with the semi-annual reporting period.

The semi-annual reports shall be submitted to the New Mexico Environment Department on January 2nd and July 1st of each year.

PART 7
40 CFR 264 SUBPART CC REQUIREMENTS

PART 7
CONTAINER AND TANK SUBPART CC ORGANIC AIR EMISSIONS REQUIREMENTS

7.1 APPLICABILITY

20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart CC) applies to all tanks and containers identified in this Permit and the Facility Operating Permit previously issued by NMED, except as provided for in 20.4.1.500 NMAC (incorporating 40 CFR 264.1 and 264.1080(b)).

The conditions of this Part apply to the hazardous waste management units identified in Table 7.1 below, and as described in Permit Attachment 1, *Description and Design and Operation of the Facility*, and Permit Attachment 11, *Corrective Action Units*, for which required control equipment has been installed and is operational, or are exempt from Subpart CC standards under 20.4.1.500 NMAC (incorporating 40 CFR 264.1082(c)).

Table 7.1. Hazardous Waste Management Units for Which Subpart CC Emissions Controls are Installed

Hazardous Waste Management Unit Type Designation/ Identification Number	Hazardous Waste Management Unit Type	Description of Air Emission Control System
Containers located in the Container Storage Unit, where all chemicals are stored, including the Return and Fill Station adjacent to the tank farm.	**Container Type A:** These are containers with design capacity greater than 0.1 m^3, and less than 0.46 m^3, (about 126 gal).	Container Level 1 Controls per 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)) - equipped with cover and closure devices which form a continuous barrier over container openings. These containers may also be controlled using Level 1 controls using applicable DOT regulations or using Level 1 Controls for open-top containers in which an organic vapor suppressing barrier is placed on the hazardous waste. Type A containers also have an average volatile organic concentration at the point of origination equal to or greater than 500 ppmw.

Table 7.1. Hazardous Waste Management Units for Which Subpart CC Emissions Controls are Installed

Hazardous Waste Management Unit Type Designation/ Identification Number	Hazardous Waste Management Unit Type	Description of Air Emission Control System
	Container Type B: These are containers with design capacity greater than 0.46 m^3 that are not in light material service.	Container Level 1 Controls per 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)) - equipped with cover and closure devices which form a continuous barrier over container openings.
	Container Type C: Containers with design capacity greater than 0.46 m^3 that are in light material service.	Container Level 2 controls per 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(d)) - demonstrated to be vapor tight using 40 CFR Part 60, Appendix A, Method 27: If the generator or transporter does not provide appropriate documentation to demonstrate compliance via testing for organic vapor tightness, Level 2 controls operated with no detectable emissions as defined in 20.4.1.600 NMAC (incorporating 40 CFR 265.1081) shall be used.

Table 7.2. Hazardous Waste Management Units for Which Subpart CC Emissions Controls are Installed

Hazardous Waste Management Unit Type Designation/ Identification Number	Hazardous Waste Management Unit Type	Description of Air Emission Control System
12,000 - gallon spent solvent storage tank located adjacent to the Return and Fill Station at the north end of the Facility which includes the drum washer/dumpster.	**Tank Level 1 Controls:** These are tanks with a design capacity less than 75 m^3 with a maximum organic vapor pressure less than 76.6 kPa.	Tank Level 1 Controls per 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)) - equipped with a fixed roof encompassing a continuous barrier, and closure devices which form a continuous barrier over the entire surface area of the hazardous waste in the tank. Each closure device shall be closed whenever hazardous waste is in the tank.

7.2 GENERAL STANDARDS

The Permittee shall comply with the applicable requirements of 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart CC).

7.3 SUBPART CC STANDARDS FOR CONTAINERS IN TABLE 7.1

1. A container using Container Level 1 standards shall be equipped with covers and closure devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain equipment integrity, for as long as the container is in service and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(2));

2. The Permittee shall not store open top containers unless all requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(1)(iii)) are met;

3. Whenever a hazardous waste is in a container using Container Level 1 controls, the Permittee shall install all covers and closure devices for the container and

maintain each closure device in the closed positions except as allowed in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(3)(i) through 40 CFR 264.1086(c)(3)(v)).

7.3.1 Inspection of Level 1 and Types A and B Containers

The Permittee shall visually inspect all Level 1 and Types A and B containers for defects at the time the Permittee accepts the container at the Facility and when the Permittee accepts a container with hazardous wastes already in the container and the container is not emptied within 24 hours after the container is accepted at the Facility and in accordance with the Subpart CC Visual Inspection Checklist contained in Permit Attachment 5, *Inspection Plan and Schedule*, pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 1086(c)(4)(i)).

1. If a container remains at the Facility for one (1) calendar year or more, it shall be visually inspected for defects at least once every 12 months in addition to the weekly container inspection schedule presented in Permit Attachment 5, *Inspection Plan and Schedule*, pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(4)(ii));

2. When a defect is detected for the container, cover, or closure device(s), the Permittee shall make efforts to repair the defect within 24 hours of detection and repair shall be completed within 5 calendar days after detection. If the defect cannot be repaired, the hazardous waste shall be removed from the container and the container shall not be used to manage hazardous waste until the defect is repaired in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(4)(iii));

3. The Permittee shall visually inspect all Type B containers in accordance with Permit Condition 7.3.1 above as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(4)(i) through 40 CFR 264.1086(c)(4)(iii)).

7.3.2 Inspection of Level 2 or Type C Containers

The Permittee shall visually inspect all Level 2 and Type C containers and cover devices for defects at the time the container is first used to manage and store hazardous waste or the first time hazardous waste is accepted at the Facility and in accordance with the Subpart CC Visual Inspection Checklist contained in Permit Attachment 5, *Inspection Plan and Schedule*.

If a container remains at the Facility for 1 calendar year or more, it shall be visually inspected for defects at least once every 12 months in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(d)(4)(i) through 40 CFR 264.1086(d)(4)(iii)).

7.4 SUBPART CC STANDARDS FOR TANKS IN TABLE 7.1.

1. The Permittee shall record the spent solvent above ground storage tank identification number pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1089(b)(1));

2. The Permittee shall operate and control air pollutant emissions from the 12,000-gallon spent solvent above ground storage tank and the drum washer/dumpster using Tank Level 1 controls in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c));

3. Whenever hazardous waste is in the spent solvent tank and/or the drum washer/dumpster, fixed roofs shall be installed with each closure device secured in the closed position except to provide access during routine inspections, maintenance, or other activities needed for normal operations, and to remove accumulated sludge or other residues from the bottom of the spent solvent tank pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)(3)(i));

4. Opening of a conservation vent is allowed during normal operations in order to maintain the 12,000-gallon spent solvent above ground storage tank, and drum washer/dumpster internal pressures in accordance with the tank design specifications, and shall be designed to operate with no detectable organic emissions when the vent is in the closed position in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)(3)(ii));

5. The procedure for determining no detectable organic air emissions shall be conducted in accordance with the procedures specified in 40 CFR 265.1084(d) as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1083(d)).

7.4.1 Determination of Maximum Organic Vapor Pressure

The Permittee shall determine the maximum organic vapor pressure for each hazardous waste placed in a tank using Tank Level 1 controls in accordance with standards specified in 40 CFR 264.1084(c), and as described in Permit Attachment 3, *Waste Analysis Plan*, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1083(c)(1)).

The maximum organic vapor pressure of the hazardous waste may be determined in accordance with the procedures specified in 40 CFR 265.1084(c)(2) through (c)(4) pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1083(c)(2)).

7.4.2 Inspection of Level 1 Tanks

Subpart CC inspections shall be in accordance with the following requirements and the Subpart CC Visual Inspection Checklist contained in Permit Attachment 5, *Inspection Plan and Schedule*.

1. The Permittee shall visually inspect the fixed roof and the associated closure devices for defects that could result in air pollutant emissions as required by 20.4.1.500 NMAC (incorporating 40 CFR 1084(c)(4)(i));

2. In accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)(4)(ii), the Permittee shall inspect the fixed roof and it's closure devices at least once per year except as provided in 20.4.1.500 NMAC (incorporating 40 CFR 1084(l));

3. The Permittee shall maintain a record of all tank inspections conducted pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 1084(c)(4)(iv)) as specified in the inspection schedule, presented in Permit Attachment 5, *Inspection Plan and Schedule*, in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1089(b));

4. This inspection record shall contain the date of inspection, and if a defect is detected, the location of the defect, description of the defect, the date of detection, and any corrective action taken to repair the defect as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1089(b)(1)).

7.5 REPAIR OF LEVELS 1 AND 2 (I.E., TYPES A, B, AND C) CONTAINERS

7.5.1 Level 1 Containers

If a defect is detected in a container using Level 1 standards in accordance with Permit Condition 7.3.1, the Permittee shall repair the defect as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(c)(4)(iii)).

7.5.2 Level 2 Containers

If a defect is detected in a container using standards in accordance with Permit Condition 7.3.1, the Permittee shall repair the defect as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1086(d)(4)(iii)).

7.6 REPAIR OF LEVEL 1 TANKS

7.6.1 Level 1 Tanks

1. If a defect is detected, the Permittee shall repair the defect in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 1084(k)), as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(c)(4)(iii));

2. The Permittee shall make first efforts to repair the defect no later than 5 calendar days after detection and repair shall be completed as soon as possible but no later than 45 calendar days after detection pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(k)(1));

3. The repair of a defect may be delayed beyond 45 calendar days if the Permittee determines that repair of the defect requires emptying or temporary removal from service and no alternative tank capacity is available in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1084(k)(2)).

7.7 REPORTING REQUIREMENTS

For each container or tank, exempted from using air emission controls, a written report shall be submitted to the Secretary within 15 calendar days of each occasion where hazardous waste is placed in the waste management unit in noncompliance with the conditions of 20.4.1.500 NMAC (incorporating 40 CFR 264.1082(c)(1) or (c)(2), as applicable. The written report shall contain the Facilities' EPA identification number, Facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent reoccurrence of the noncompliance.

For each tank using air emission controls in accordance with 40 CFR 264.1084(c), the Permittee shall report to the Secretary each occurrence when hazardous waste is managed in the tank in noncompliance with the conditions specified in 40 CFR 264.1084(b). The Permittee shall submit a written report within

15 calendar days of the time the Permittee becomes aware of the occurrence. The written report shall contain the Facilities' EPA identification number, Facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent reoccurrence of the noncompliance as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1090(b)).

All reports shall be signed and dated by an authorized representative of the Permittee as required by 20.4.1.900 NMAC (incorporating 40 CFR 270.11(b)).

7.8 INSPECTION AND MONITORING REQUIREMENTS

The Permittee shall inspect and monitor air emission control equipment used to comply with Subpart CC in accordance with applicable requirements specified in 40 CFR 264.1084 through 40 CFR 1087 pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.1088(a)).

The Permittee shall develop and implement a written plan and schedule to perform the inspections and monitoring specified in this Permit Module, and shall incorporate this plan and schedule into the Facility inspection plan required under 40 CFR 264.15, contained in Permit Attachment 5, *Inspection Plan and Schedule*, in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.1088(b)).

7.9 RECORDKEEPING REQUIREMENTS

The Permittee shall record and maintain the information specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.1089(b) through 40 CFR 264.1089(j)), as applicable to the Facility.

Except for air emission control equipment design documentation required by 20.4.1.500 NMAC (incorporating 40 CFR 264.1089(i) and (j)), records required by 40 CFR 264.1089 shall be maintained in the operating record for a minimum of 3 years.

7.10 NOTIFICATION OF NEW UNITS

Prior to installing container or miscellaneous units subject to 20.4.1.500 NMAC (incorporating 40 CFR Part 264, Subpart CC), or modifying an existing process, waste handling, or container units such that the unit(s) will become subject to 20.4.1.500 NMAC (incorporating 40 CFR Part 264 Subpart CC), the Permittee shall apply for a permit modification under 20.4.1.900 NMAC (incorporating 40 CFR 270.42), and provide specific Part B application information required under 20.4.1.900 NMAC

(incorporating 40 CFR 270.14 through 40 CFR 270.17 and 40 CFR 270.27), as applicable, with the modification request.

7.11 COMPLIANCE SCHEDULE

The Permittee shall comply with the requirements of the compliance schedule contained in Permit Part 5, Appendix 5-D, *Schedule of Compliance*.

RESOURCE CONSERVATION AND RECOVERY ACT
OPERATING PERMIT ATTACHMENTS
EPA ID NO. NMD980698849

Issued to

SAFETY KLEEN SYSTEMS, INC.

For the

SERVICE CENTER

Located in

FARMINGTON, SAN JUAN COUNTY, NEW MEXICO

Issued by

NEW MEXICO ENVIRONMENT DEPARTMENT
HAZARDOUS WASTE BUREAU
HAROLD RUNNELS BUILDING
1190 ST. FRANCIS DRIVE
P.O. BOX 26110
SANTA FE, NM 87502-6110

SEPTEMBER 2003

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ATTACHMENT 1
DESCRIPTION AND DESIGN AND OPERATION OF THE FACILITY

ATTACHMENT 1
DESCRIPTION AND DESIGN AND OPERATION OF THE FACILITY

1.1 HIGHLIGHTS

The Safety-Kleen Systems, Inc. Service Center, Farmington New Mexico (Safety-Kleen) hazardous waste storage facility (Facility) is located at 4210 A. Hawkins Road, in the City of Farmington, San Juan County, New Mexico.

The Facility consists of two active permitted areas. These are the container storage unit, and the 12,000-gallon spent solvent above ground storage tank with associated secondary containment. The Site Plan, Figure 1, and photographs 1 through 6, located in Attachment 1-1, show the location of the various units comprising the Facility. The Facility has been in operation since January 1, 1981.

1.2 LEGAL DESCRIPTION

The legal description of the property is as follows:

The Facility is located in Section 12, T29W, R14W, Quadrant 2, as filed in the San Juan County Assessor Office on February 17, 1979.

1.3 FACILITY DESCRIPTION

The Facility consists of approximately 0.8 acres containing one 3,060 square foot warehouse consisting of an office, rest room, a secure area for the storage of various Safety-Kleen products, and the container storage unit (CSU), two 12,000-gallon above ground storage tanks with associated secondary containment, and one loading dock containing a solvent return and fill station, wet dumpster, drum washer, and secondary containment. The Facility is designed to control run-on and run-off.

The Farmington Service Center was designed to facilitate the handling and storage of wastes resulting from the services offered by Safety-Kleen.

Figures 2 through 9 of Permit Attachment 1-1 illustrate The general Facility Site Plan, topographic maps, zoning maps, 100-year flood map, drinking water and sanitary sewer utility locations, and the Facility wind rose.

1.4 REGIONAL DESCRIPTION

The Facility is located approximately 600 feet northeast of the intersection of Troy King Road and U.S. Highway 500 in San Juan

County. This area is zoned for industrial use, and to the best of Safety-Kleen's knowledge, no easements or title, deed, or usage restrictions exist which may conflict with operations at the site.

The western part of San Juan County is the Navajo Indian Reservation. Eastern San Juan County, the location of Farmington, has a total area of 2,182,520 acres of approximately 3,410 square miles. The total population of the area is around 50,000. The major industries in Farmington are involved in the development of gas, oil, and coal resources.

San Juan County is in the San Juan Basin part of the Navajo section of the Colorado Plateau physiographic province. This area is a structural depression containing deep tertiary till on rocks of late cretaceous age. Farmington is located in the alluvial fan in the entrenched San Juan and Animas Rivers. The Service Center is no located in the flood plain of either river. The elevation of the site is approximately 5,470 feet above sea level. The San Juan River provides the principal drainage route for the areas and the Animas River is its main tributary.

The soil in the area of the Service Center is the Avalon sandy loam. This is a deep well-drained soil on mesas and plateaus which formed in alluvial and eolian material derived from sandstone and shale. The soil is moderately permeable with slopes ranging from 5 to 8 percent.

The City of Farmington obtains its water primarily from the Animas River through two pump stations. The Service Center obtains its water from the City of Farmington via a 6-inch water line located on Hawkins Road. A drop inlet to the City storm sewer system is located approximately 500 feet west of the Service Center. Sewage generated on-site is contained within a septic tank.

There are no known oil or gas wells located within a mile of the Service Center. No parks, schools, wetlands, or critical habitats exist within one mile of the Facility.

1.5 SEISMIC COMPLIANCE

Because San Juan County is not listed in Appendix VI of the New Mexico Hazardous Waste Management Regulations 20.4.1.500 NMAC (incorporating 40 CFR 264.18 (a)), Safety-Kleen is not required to demonstrate compliance with the seismic standard found in the New Mexico Hazardous Waste Management Regulations 20.4.1 NMAC.

1.6 FLOODPLAIN STANDARDS

Referring to the provided 100-year flood plain map, the Safety-Kleen facility is clearly not located within an area subject to a 100-year flood. A copy of the map used for this determination is shown in Attachment 1-1.

1.7 DISCLOSURE

As required by the New Mexico Hazardous Waste Act (HWA) 74-4-4.7, Safety-Kleen Systems, Inc., filed a disclosure statement with the New Mexico Environment Department (NMED) with the information required by, and on a form developed by, the NMED in cooperation with the New Mexico Department of Public Safety (DPS). A copy of the letter from DPS to NMED regarding the background investigation conducted on Safety-Kleen Systems, Inc., is included in Attachment 1-2.

1.8 DESCRIPTION OF PERMITTED UNITS AT THE FACILITY

1.8.1 Container Storage Unit (CSU)

This active container storage unit is specifically designed to store hazardous waste for transport off-site. This area comprises an area of approximately 475 square feet. The CSU is used for the storage of spent immersion cleaner, dry cleaning wastes, paint waste, photo imaging waste, and aqueous parts washer solvent. Non-hazardous material, wastes that are not regulated under RCRA (including transfer wastes), and Safety-Kleen products may also be stored in this area. The wastes stored in the CSU are not handled while on site, are segregated, and are labeled to indicate their contents.

The container storage unit is also equipped with secondary containment sized to contain 10% of the volume of containers in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.175(b)(3)).

The slab, curbing, and collection trenches for the container storage unit in the warehouse are made of steel-reinforced concrete which has been poured so that no cracks or gaps exist. The curbing is four inches high and six inches wide and encompasses the container storage area except where the trench exists. Steel grates cover the trench. The floor concrete and curbing is treated with a chemical resistant epoxy and urethane, or equivalent, to contain leaks and spills and to prevent possible contamination of the soil. The treated concrete floor slopes toward the trench secondary containment area to expose and contain any spills.

The CSU secondary containment consists of a six inch wide by four inch high steel reinforced concrete curb with a 11.7′ x 1.7′ x 2.5′ (382 gallon) collection trench. The maximum quantity of hazardous waste stored in the CSU shall be no more than 3,820 gallons in 9-gallon and 55-gallon containers except for 85-gallon overpack drums. Container specifications are located in Attachment C-1. The Permittee shall use containers that comply with the requirements of the United States Department of Transportation shipping container regulations (*49 CFR §173, Shipper's General Requirements for Shipment and Packaging, and 49 CFR §178, Specifications for Packaging*) for management and storage of hazardous waste at the CSU.

The container storage configuration is shown in Attachment 1-3. Proper aisle space shall be maintained pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.35). Containers shall be stored no more than two high and shall be placed on pallets and transported with a forklift or pallet jack.

1.8.1.a Additional Container Information

Run-on into the containment system is prevented in two ways. First, the storage areas with containment systems are inside the building preventing any rain from entering the storage area. Second, the Facility was elevated five feet above the surrounding land when it was constructed. This prevents any flooding into the containment system.

If a spill occurs, Safety-Kleen shall evaluate and clean up the spill in as timely a manner as possible to prevent further contamination and overflow of the containment system. The fact that the floors in the storage areas are sloped towards the aisles allows a spill or leak to be detected quickly.

Safety-Kleen shall store all ignitable and reactive wastes as well as all other wastes, in the area indicated in Figure 1. The CSU shall be located more than 50 feet away from Safety-Kleen's property line in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.176). All storage containers holding hazardous waste that is incompatible with other wastes or materials shall be separated and protected from these wastes or materials by means of a dike, berm, wall, or other device as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.177).

Additional safety precautions for the handling of containers are as follows:

1. All containers holding hazardous materials to be stored at Safety-Kleen's facility shall be inspected prior to acceptance to insure proper condition of the container

and compatibility of materials with container. Any container not meeting these criteria shall have its contents transferred to an appropriate container at that time in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.171).

2. A container holding hazardous waste shall not be handled or stored in a manner which may cause it to leak, shall always be closed during storage, and shall only be opened to add or remove waste as necessary in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.173).

3. Unless the proper precautions are taken to prevent reactions pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.177) no incompatible wastes shall ever be placed in the same container. Furthermore, no waste combinations that cause the following reactions may be placed in the same container:

   a. Generate extreme heat or pressure, fire or explosions, or violent reactions;

   b. Produce uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to threaten human health or the environment;

   c. Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;

   d. Damage the structural integrity of the Facility; and

   e. Through other like means threaten human health or the environment.

4. Hazardous waste shall not be placed in unwashed containers that previously held an incompatible waste or material as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.177(b)). Other preventive measures are described in Attachment 6, *Preparedness and Prevention*.

1.8.2 12,000-Gallon Spent Solvent Storage Tank/ Return and Fill Station

The 12,000-gallon spent solvent storage tank is 10'6" in diameter and 19' high. It is constructed of 3/16" thick (1/4" thick in the lower third of the tank) carbon steel painted white to

reflect sunlight. The tank is constructed in accordance with the Underwriters Laboratories Standard 142 and are located more than 15 feet from the property line as required by the National Fire Protection buffer zone requirements. Ancillary equipment to the spent solvent storage tank includes a return and fill station containing an enclosed drum washer/dumpster into which the contents of a drum of used solvent is emptied. A maximum volume of 375 gallons is retained in the drum/washer dumpster. The return and fill station is a concrete block structure with a metal roof and is equipped with monolithically poured concrete secondary containment with a capacity of 730 gallons. The drum washer is tight-piped to the spent solvent storage tank with welded joints and above ground piping.

The 12,000-gallon spent solvent tank is located within the secondary containment area. The secondary containment area for the tank consists of a monolithically poured slab and concrete block dike wall with steel reinforced cement. The secondary containment area measures 37 feet by 22 feet by 3 feet and is sized to contain 18,266 gallons. The slab is 6 inches thick and the walls are eight inches thick.

The spent solvent storage tank is equipped with an audible siren and visual strobe light high level alarm system which will alert personnel when the tank is 600 gallons (95%) from being full.

Additional secondary containment requirements for the spent solvent storage tank and related appurtenances are as follows:

1. The secondary containment system must be installed, designed, and operated to prevent the migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accumulated liquids until the collected material is removed in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.193(b)(1) and (2)).

2. The secondary containment system shall be provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary or secondary containment structure or the presence of any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the owner or operator can demonstrate to the Secretary that existing detection technologies or site conditions will not allow detection of release within 24 hours pursuant to 20.4.1.500 NMAC (incorporating 40 CFR

264.193(c)(3)).

3. The secondary containment system shall sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or as timely a manner as is possible to prevent harm to human health and the environment if the owner or operator can demonstrate to the Secretary that the removal cannot be accomplished within 24 hours in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.193(c)(4)).

4. Ancillary equipment shall be provided with secondary containment meeting the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.193(b) and (c)), pursuant 20.4.1.500 NMAC (incorporating 40 CFR 264.193(f)(1) through (4)), except for:

   a. Above ground piping visually inspected daily for leaks;

   b. Welded flanges, welded joints, and welded connections visually inspected daily for leaks;

   c. Seal-less or magnetic coupling pumps and seal-less valves visually inspected daily for leaks; and

   d. Pressurized above ground piping systems with automatic shut off devices visually inspected daily for leaks.

ATTACHMENT 1-1

FACILITY MAPS AND PICTURES

PHOTOGRAPH 1 :SAFETY–KLEEN OFFICE/WAREHOUSE BUILDING, FARMINGTON, NEW MEXICO

PHOTOGRAPH 2 :SECURITY FENCING AROUND PERIMETER OF THE FACILITY

PHOTOGRAPH 3 :TANK FARM SHOWING ONE 12,000-GALLON WASTE TANK, AND AND ONE 12,000Ø-GALLON PRODUCT TANK

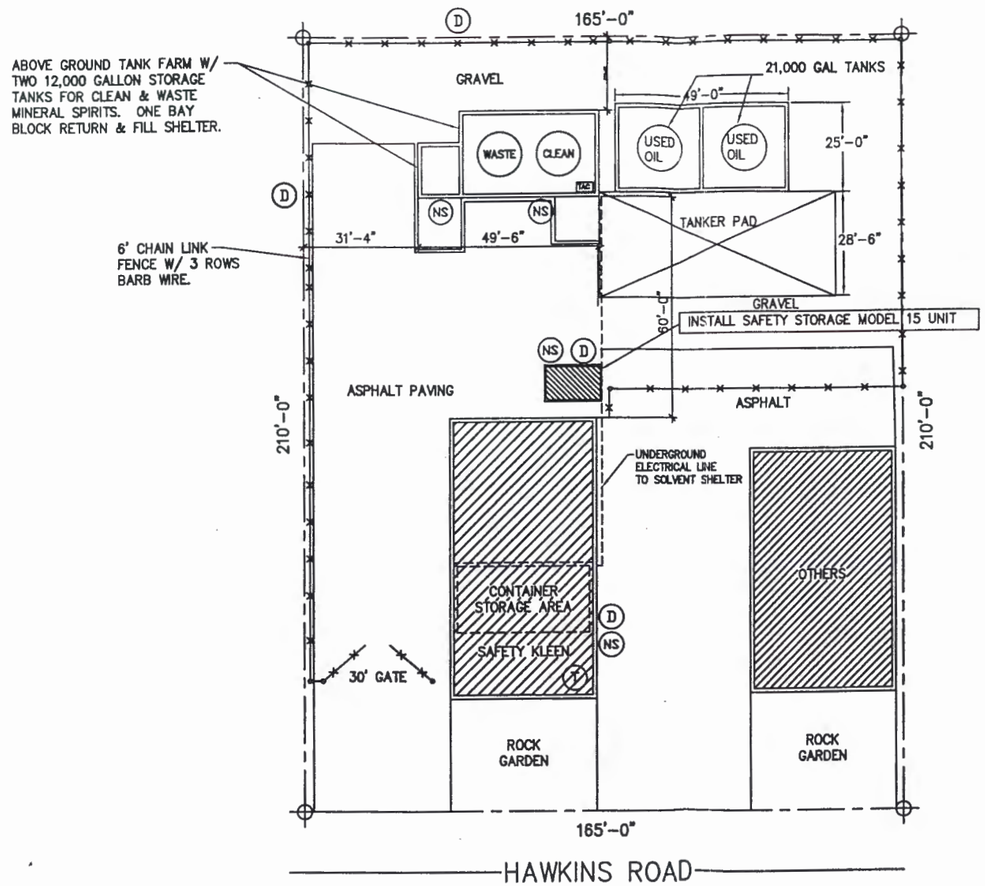
PHOTOGRAPH 4 :STORAGE TANK HIGH LEVEL ALARM COMPONENTS

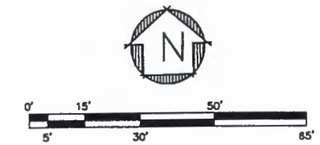
PHOTOGRAPH 5 :RETURN AND FILL STATION

PHOTOGRAPH 6 :CONTAINER STORAGE AREA

GENERAL NOTES

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.





4210A Hawkins Road
DA 8-13-02

- (T) (T) - TELEPHONE
- (FE) (FE) - FIRE EXTINGUISHER (TYPICAL 10# ABC)
- (FA) (FA) - FIRST AID STATION
- (D) (D) - 'DANGER' SIGN
- (NS) (NS) - 'NO SMOKING' SIGN
- (COR) (COR) - 'CORROSIVE' SIGN

NEW — EXISTING

PLOT DATE: 1-14-97

NO.	DESCRIPTION	BY	CHK	APPR	DATE
02	REVISE FENCING, FLAM SHED, OIL TANK FARM AND TANKER PAD	GAS			7-8-02
01	REVISE FENCE AND GATES, SHOW EXPANSION OF A/C AND INSTALLATION OF MODEL 15 SS UNIT	WEY			1-14-97
00	REVISED SAFETY KLEEN DRAWING TO CADD AS DATED. REPLACES SAFETY KLEEN DRAWING D13712	AU			1-25-89

REVISIONS

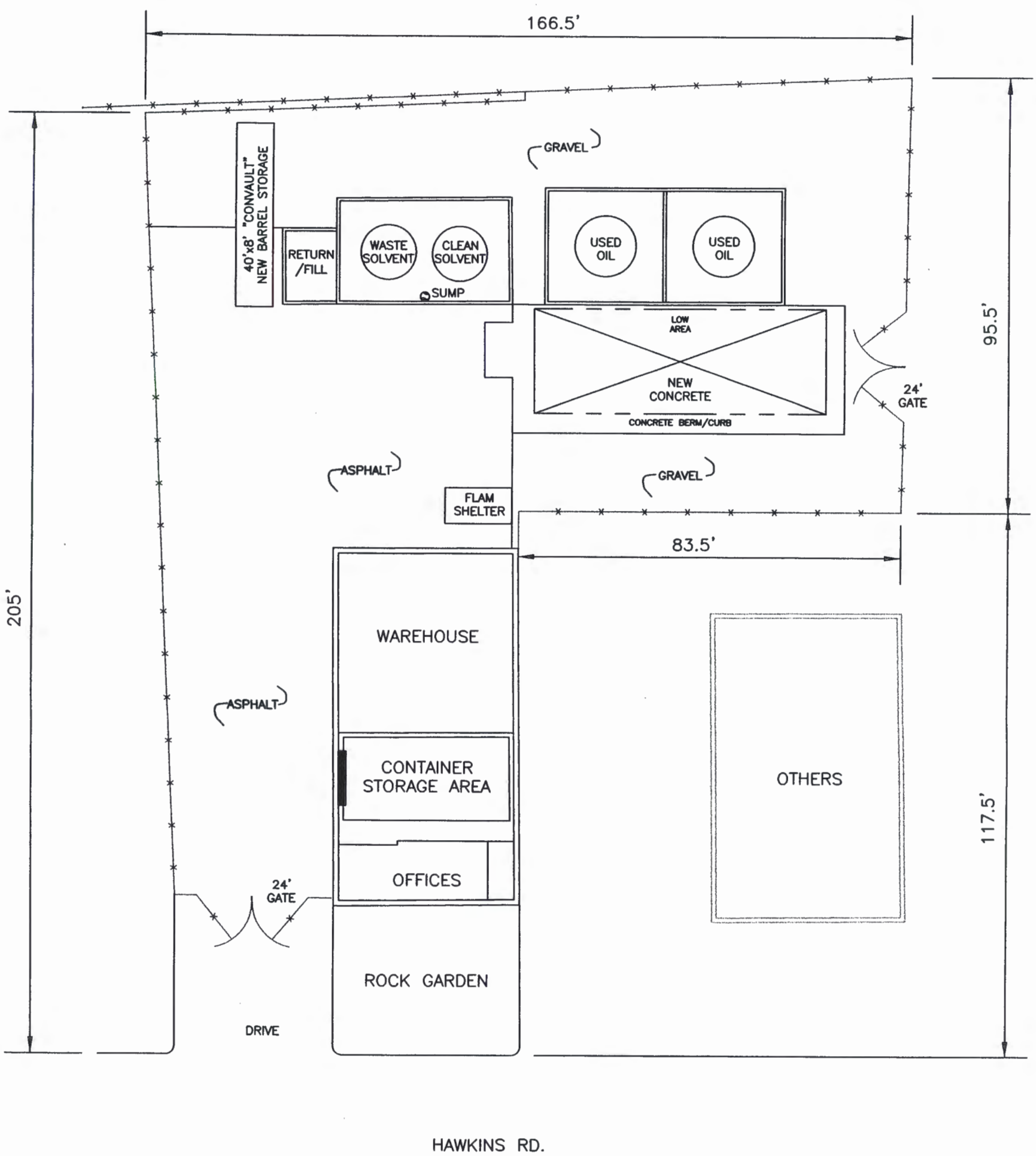
TITLE: SITE PLAN
~~DA-4200~~ HAWKINS ROAD
8-13-02

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 708-697-8460

SCALE	BY	CHKD	P.E. APPR	CP. APPR	DATE
1" = 20'-0"	VEY				10/30/89

SERVICE CENTER BRANCH AT: FARMINGTON, N.M.

STD-DWG-REV NO.: 700821-0001-01



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

N

0 25 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE 1
SITE PLAN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 633-4300

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/16/01	Reference: 333SITE

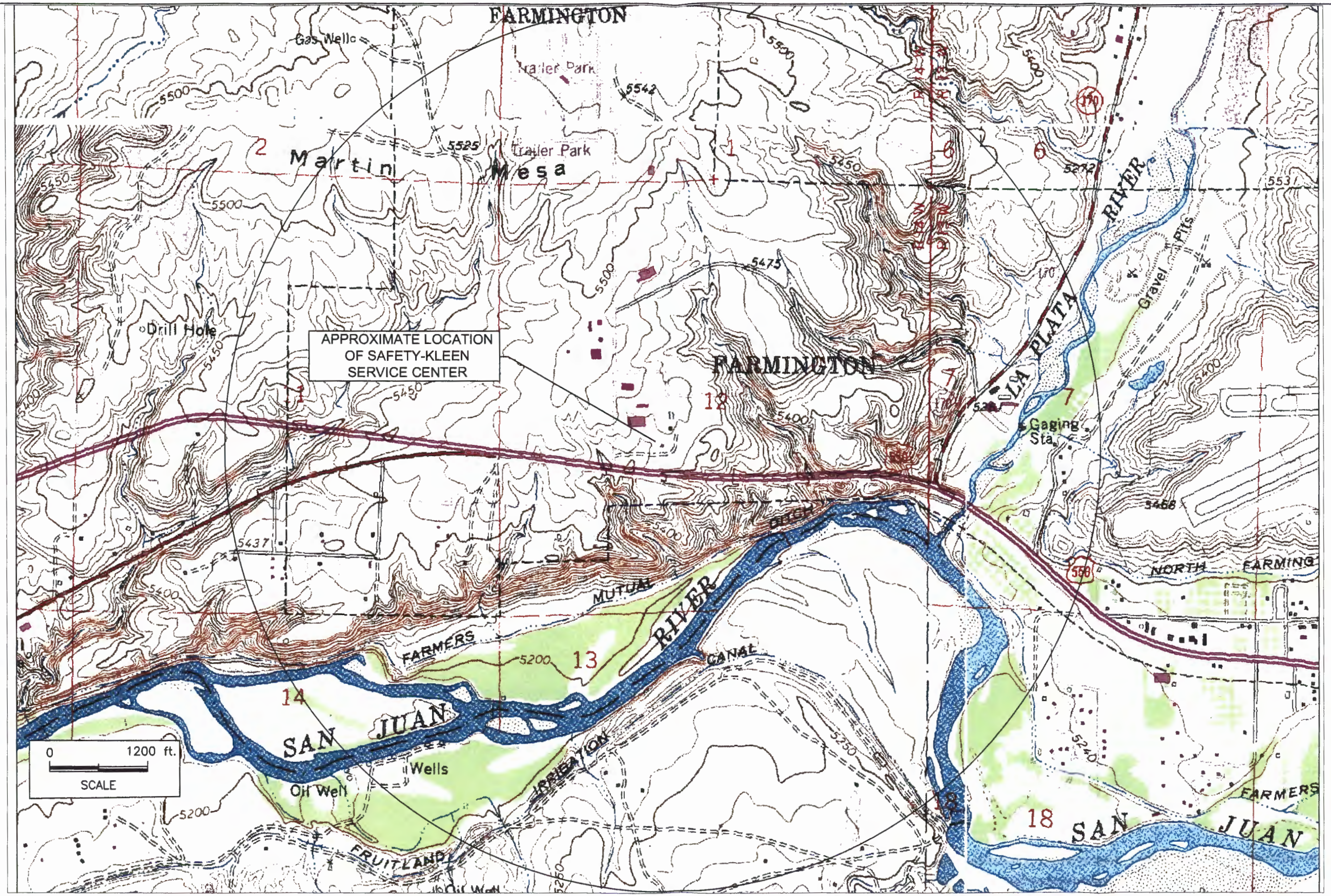


FIGURE 2 :TOPOGRAPHIC MAP, 1 MILE RADIUS, SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER, FARMINGTON, NEW MEXICO

333DRGE

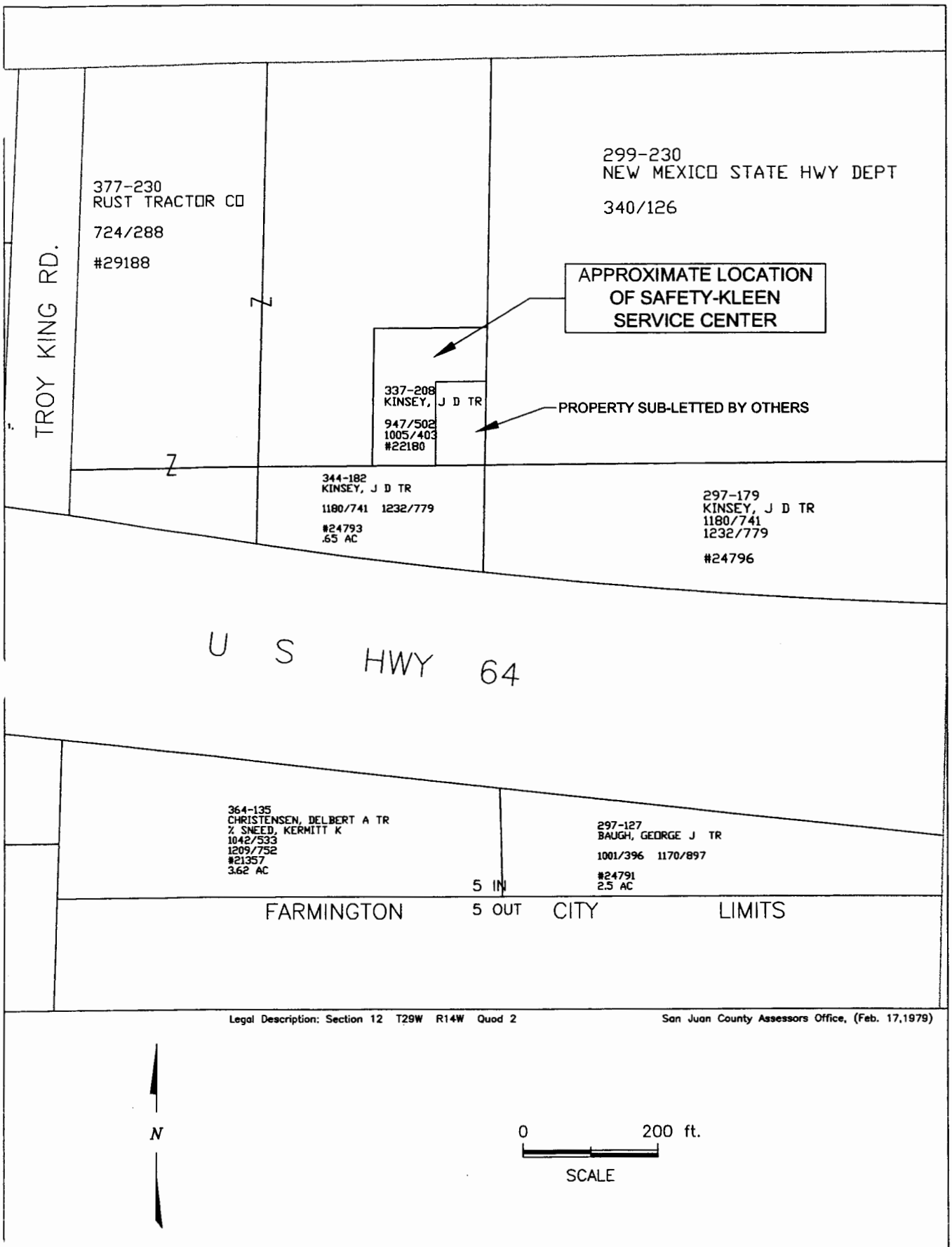
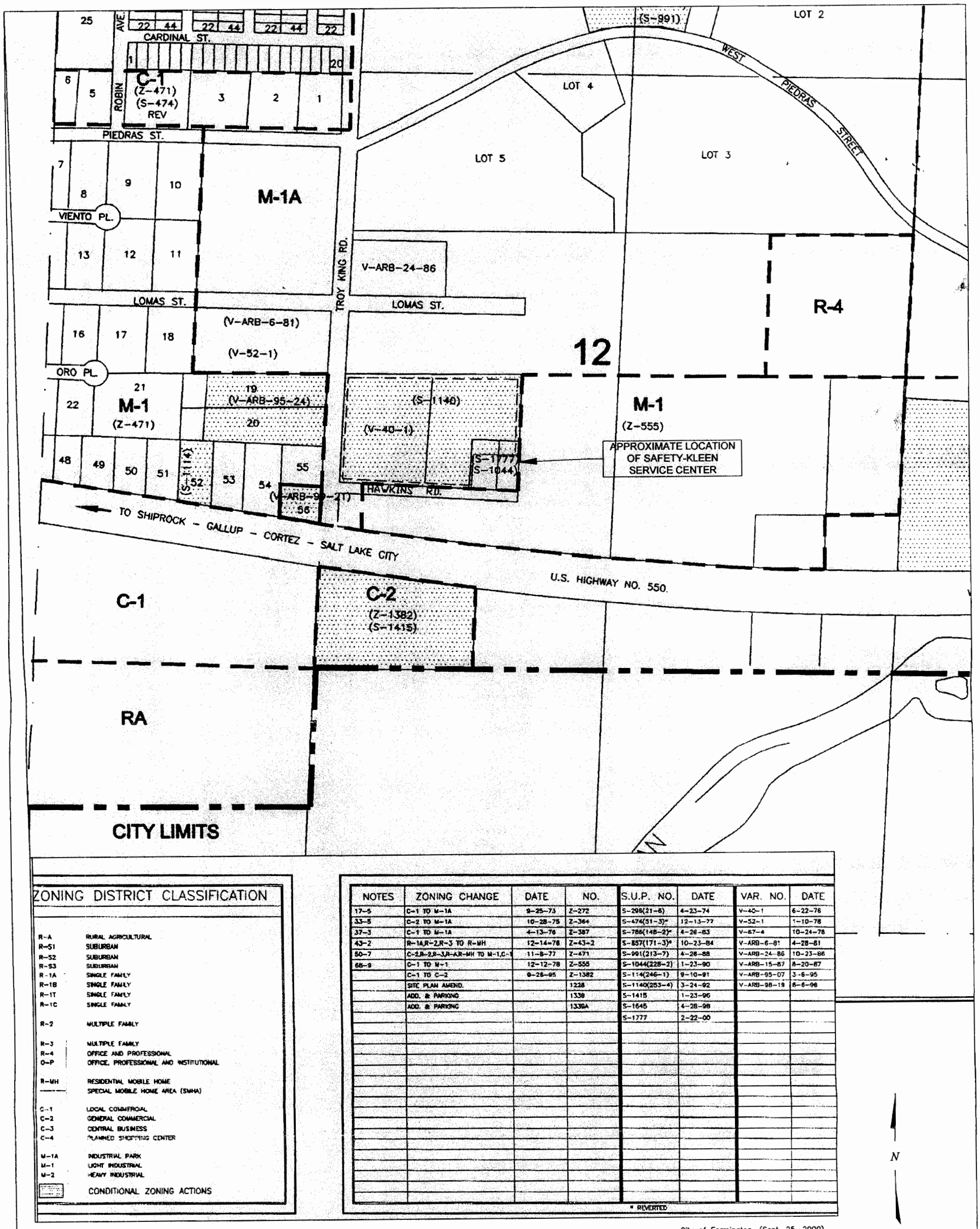


FIGURE 4 :ADJACENT PROPERTY PLAT MAP, SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER, 4210A HAWKINS RD., FARMINGTON, NEW MEXICO

333PLAT



ZONING DISTRICT CLASSIFICATION

R-A	RURAL AGRICULTURAL
R-S1	SUBURBAN
R-S2	SUBURBAN
R-S3	SUBURBAN
R-1A	SINGLE FAMILY
R-1B	SINGLE FAMILY
R-1T	SINGLE FAMILY
R-1C	SINGLE FAMILY
R-2	MULTIPLE FAMILY
R-3	MULTIPLE FAMILY
R-4	OFFICE AND PROFESSIONAL
O-P	OFFICE, PROFESSIONAL AND INSTITUTIONAL
R-MH	RESIDENTIAL MOBILE HOME
———	SPECIAL MOBILE HOME AREA (SMHA)
C-1	LOCAL COMMERCIAL
C-2	GENERAL COMMERCIAL
C-3	CENTRAL BUSINESS
C-4	PLANNED SHOPPING CENTER
M-1A	INDUSTRIAL PARK
M-1	LIGHT INDUSTRIAL
M-2	HEAVY INDUSTRIAL
	CONDITIONAL ZONING ACTIONS

NOTES	ZONING CHANGE	DATE	NO.	S.U.P. NO.	DATE	VAR. NO.	DATE
17-5	C-1 TO M-1A	9-25-73	Z-272	S-298(21-6)	4-23-74	V-40-1	6-22-76
33-5	C-2 TO M-1A	10-28-75	Z-364	S-474(51-3)*	12-13-77	V-52-1	1-10-78
37-3	C-1 TO M-1A	4-13-76	Z-387	S-786(148-2)*	4-26-83	V-67-4	10-24-78
43-2	R-1A,R-2,R-3 TO R-MH	12-14-76	Z-43-2	S-857(171-3)*	10-23-84	V-ARB-6-81	4-28-81
50-7	C-2,R-2,R-3,R-A,R-MH TO M-1,C-1	11-8-77	Z-471	S-991(213-7)	4-26-88	V-ARB-24-86	10-23-86
68-9	C-1 TO M-1	12-12-78	Z-555	S-1044(228-2)	1-23-90	V-ARB-15-87	8-20-87
	C-1 TO C-2	9-26-95	Z-1382	S-114(246-1)	9-10-91	V-ARB-95-07	3-6-95
	SITE PLAN AMEND.		1238	S-1140(253-4)	3-24-92	V-ARB-98-19	8-6-98
	ADD. @ PARKING		1339	S-1415	1-23-96		
	ADD. @ PARKING		1339A	S-1645	4-28-98		
				S-1777	2-22-00		

* REVERTED

City of Farmington, (Sept. 25, 2000)

0 300 ft.
APPROX. SCALE

FIGURE 5 :ZONING MAP, SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER, 4210A HAWKINS RD., FARMINGTON, NEW MEXICO

333ZONING

INITIAL IDENTIFICATION
MAY 24, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS
DECEMBER 19, 1975

FLOOD INSURANCE RATE MAP EFFECTIVE
SEPTEMBER 29, 1978

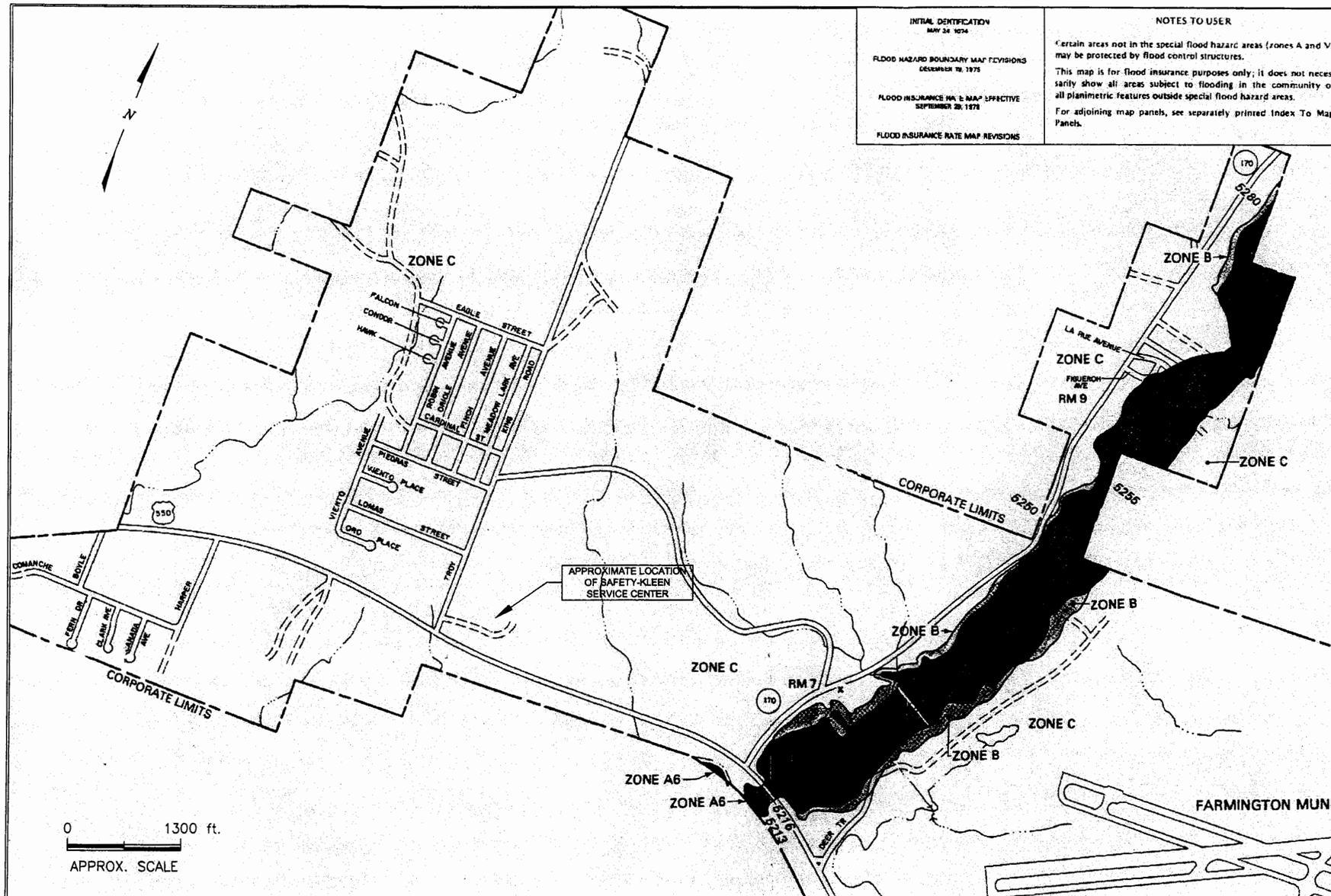
FLOOD INSURANCE RATE MAP REVISIONS

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.



KEY TO MAP

500-Year Flood Boundary
100-Year Flood Boundary
Zone Designations •
100-Year Flood Boundary
500-Year Flood Boundary

ZONE B
ZONE B

Base Flood Elevation Line With Elevation In Feet** — 513

Base Flood Elevation in Feet Where Uniform Within Zone** — (EL 987)

Elevation Reference Mark — RM7 ×

River Mile — • M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
AO	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

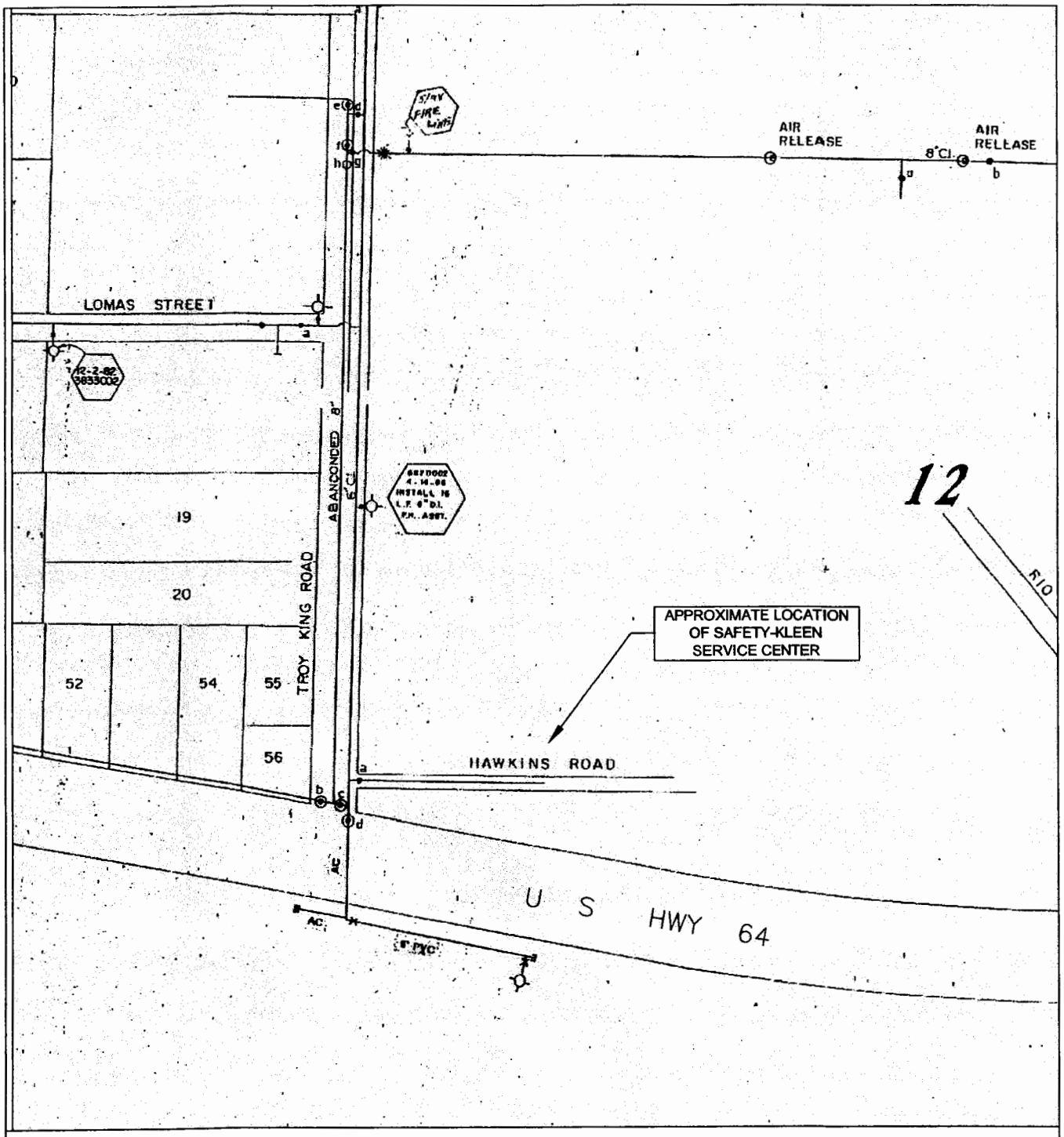
Federal Insurance Adminstration, Flood Insurance Rate Map, Panel 5 of 10 (June 17,1980)

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actual rates apply to structures in the zones where elevations or depths have been established

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620, or (800) 424-8872.

FIGURE 6 :100 YEAR FLOOD PLAIN MAP, SAFETY–KLEEN SYSTEMS, INC. SERVICE CENTER, 4210A HAWKINS RD., FARMINGTON, NEW MEXICO

333FLOODPLN



City of Farmington, Public Works Dept. (Sept. 1980)

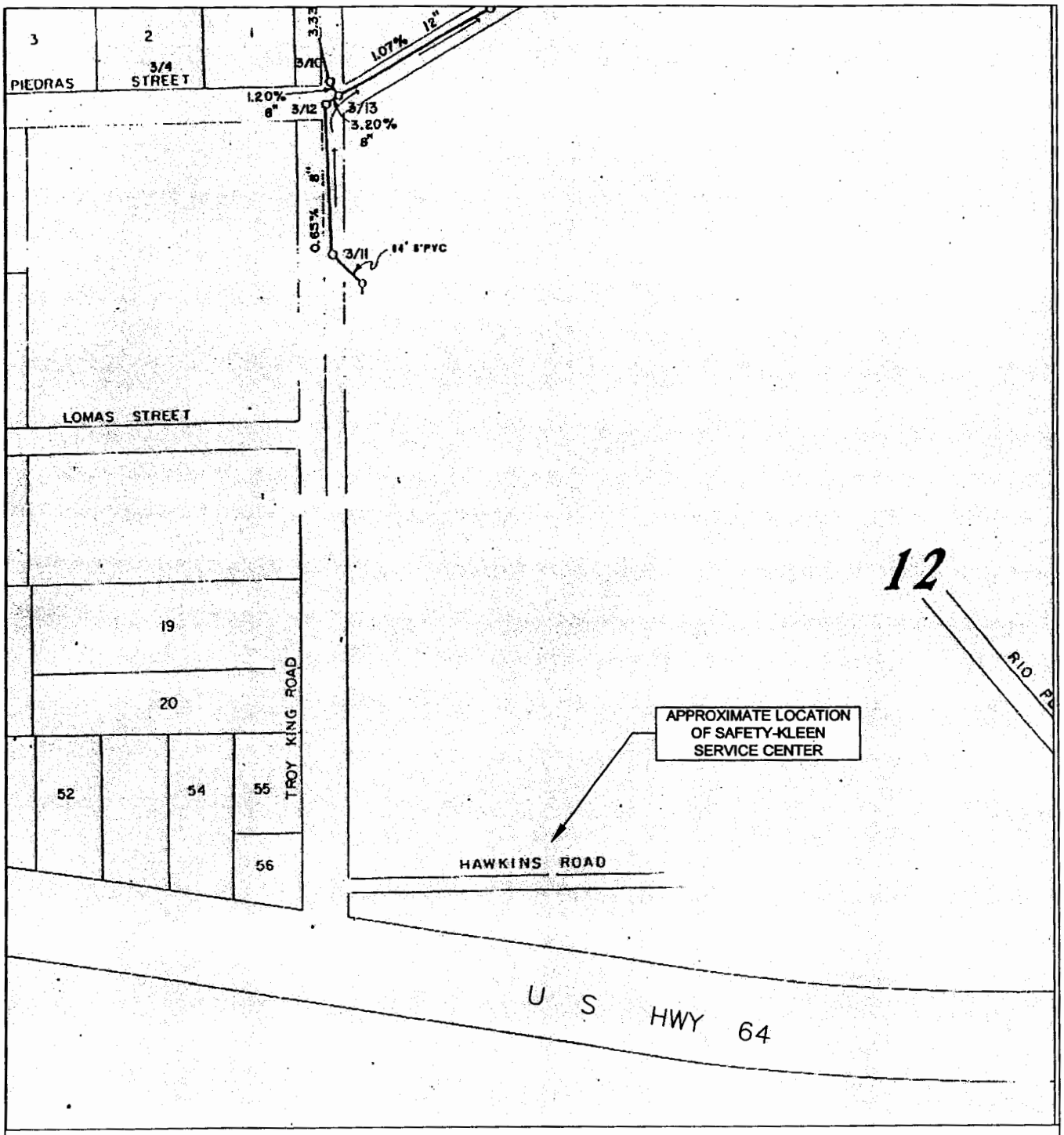
N

0 300 ft.

APPROX. SCALE

FIGURE 7 :DRINKING WATER SUPPLY MAP, SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER, 4210A HAWKINS RD., FARMINGTON, NEW MEXICO

333WTRSUPPLY



City of Farmington, Public Works Dept. (Sept. 1980)

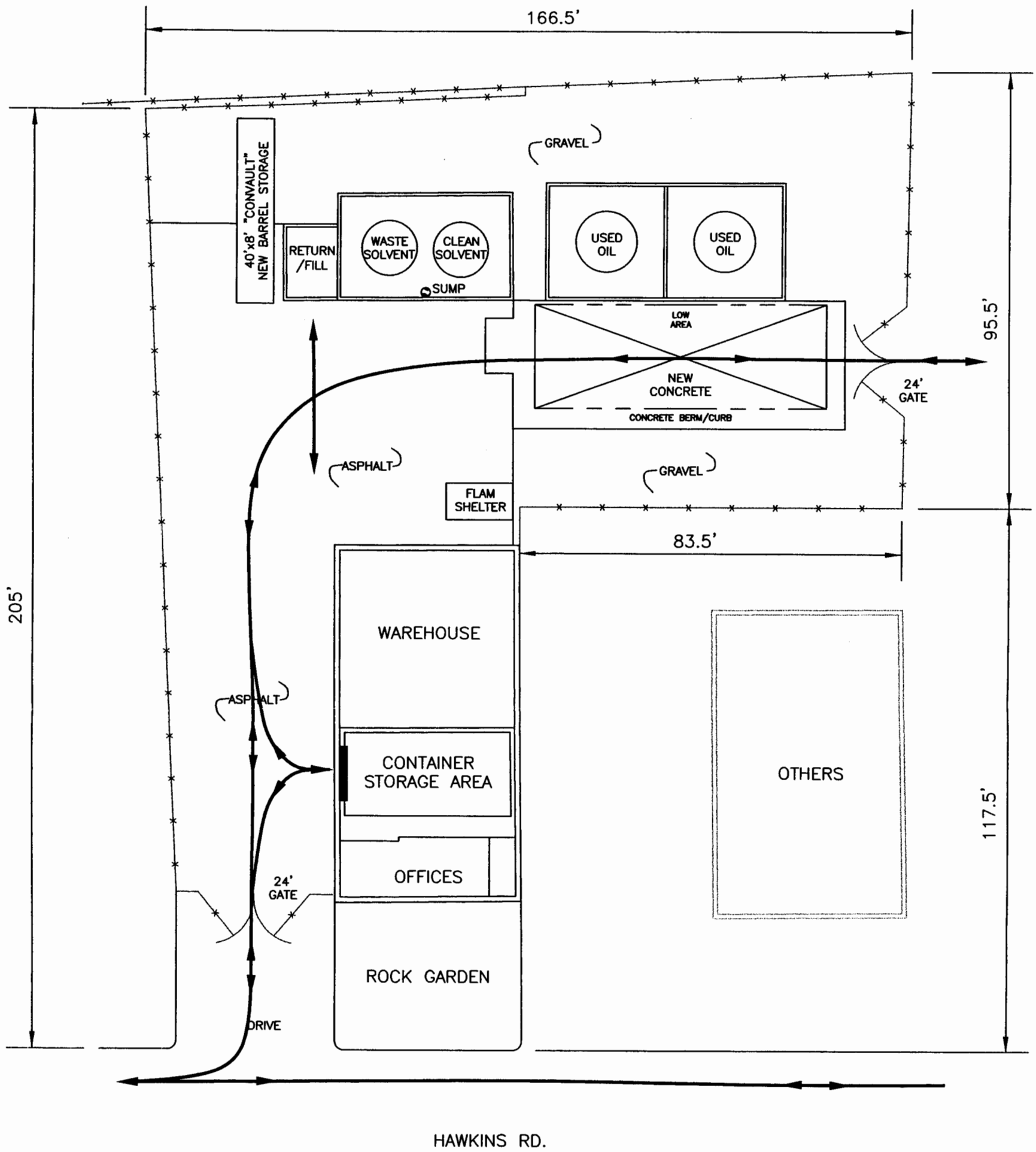
N

0 300 ft.

APPROX. SCALE

FIGURE 8 :SANITARY SEWER SUPPLY MAP, SAFETY-KLEEN SYSTEMS, INC.
SERVICE CENTER, 4210A HAWKINS RD., FARMINGTON, NEW MEXICO

333SWRSUPPLY



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N

0 25 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE 9
TRAFFIC FLOW PATTERN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1201 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 833-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/16/01	Reference: 333SITE

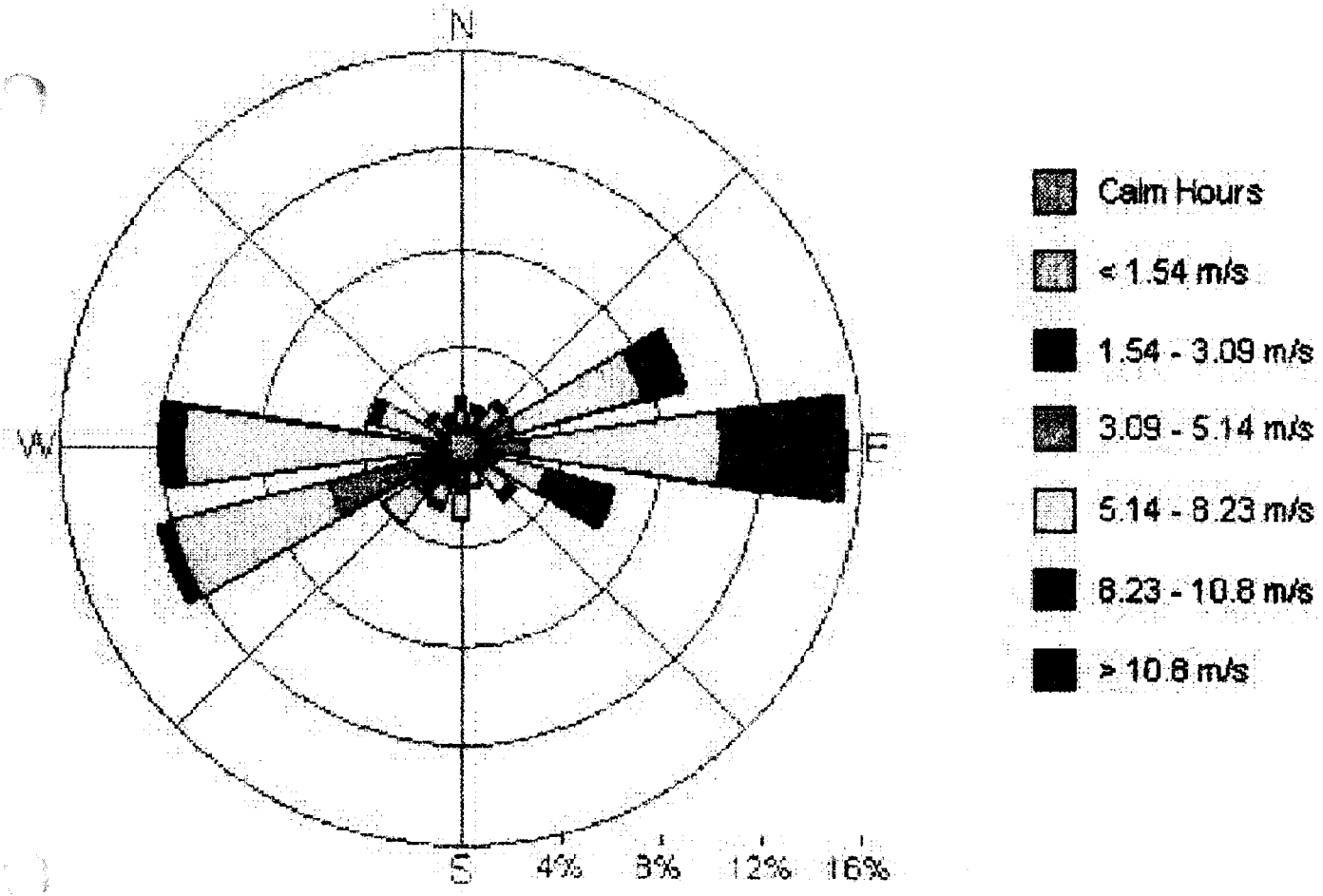

N
W
E
S
4%
8%
12%
16%
Calm Hours
< 1.54 m/s
1.54 - 3.09 m/s
3.09 - 5.14 m/s
5.14 - 8.23 m/s
8.23 - 10.8 m/s
> 10.8 m/s

FIGURE 9

ATTACHMENT 1-2

PERSONAL HISTORY DISCLOSURE LETTER

Bill Richardson
Governor

John Denko Jr.
Cabinet Secretary

DEPARTMENT OF PUBLIC SAFETY

NEW MEXICO STATE POLICE

Carlos R. Maldonado
Deputy Secretary / Chief Operations

Marie "Sisi" Saenz
Deputy Secretary
Administration

January 8, 2003

Chief James Bearzi
State of New Mexico
Hazardous Waste Bureau
2905 Rodeo Park Drive East – Building
Santa Fe, NM 87505-6303

RE: BACKGROUND Investigations

Dear Chief Bearzi:

Per your request, we have completed background investigations on the following individuals:

Thomas W. Arnst
Kenneth K. Chalmers
Steven H. Grimshaw
James K. Lehman
Ronald A. Rittenmeyer
Bruce E. Roberson – **Note:** Driving While Intoxicated _ Conviction 03/11/88

No disqualifying information was found on any of the individuals.

If our Department can be of further assistance, please contact Lieutenant Richard Martinez at 841-8053, Extension 1102 or Danette Monnet, Analytical Unit Supervisor at Extension 1101.

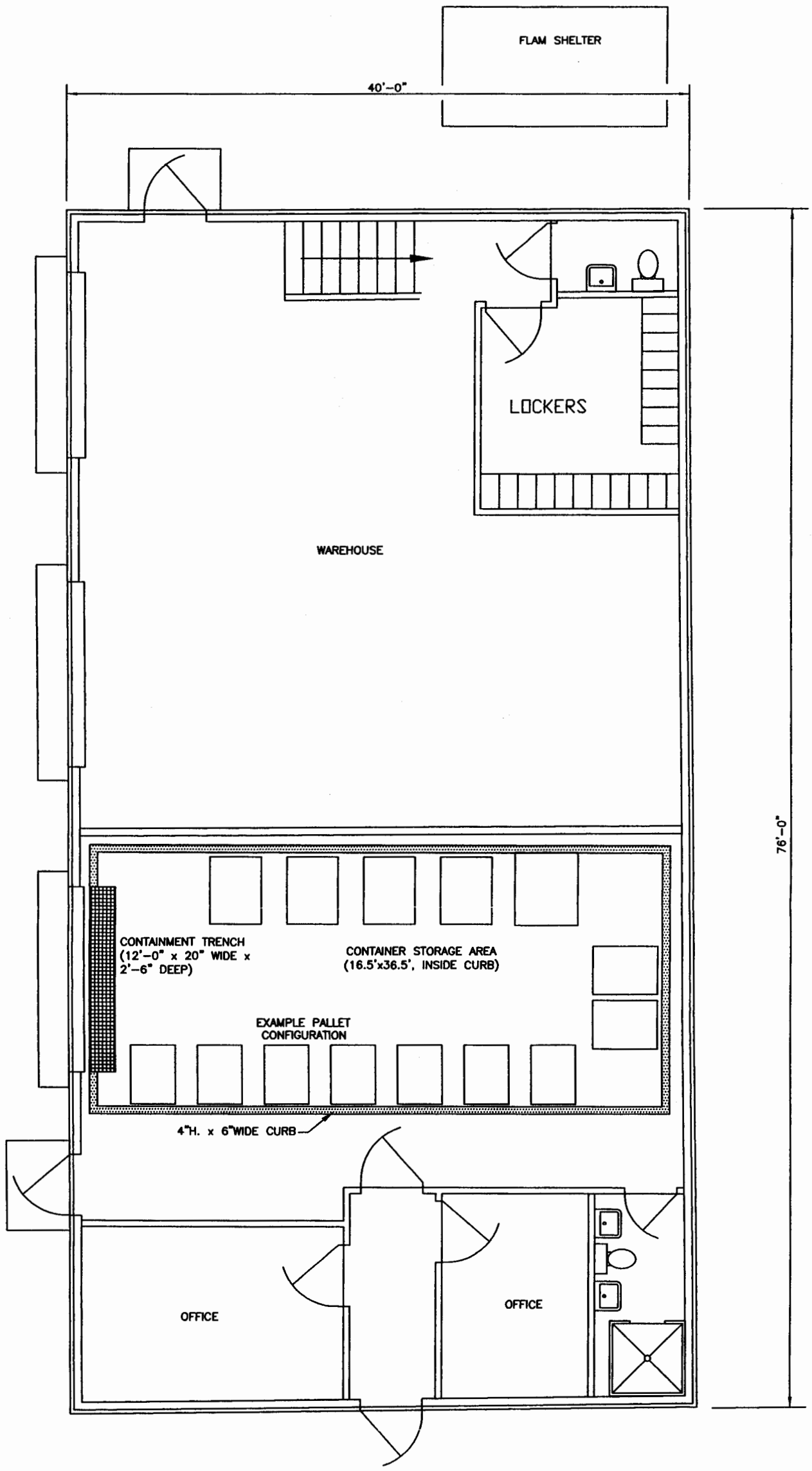
Sincerely,

Major Fernando R. Gallegos
Special Investigation Division
6301 Indian School Rd NE – Suite 310
Albuquerque, NM 87110

FRG:kad

ATTACHMENT 1-3

CONTAINER STORAGE UNIT LAYOUT



N

A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

0 8 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE E-3
WAREHOUSE AND CONTAINER STORAGE AREA FLOOR PLAN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 933-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/22/01	Reference: 333BLDG

ATTACHMENT 2
AUTHORIZED WASTES AND PART A APPLICATION

ATTACHMENT 2
AUTHORIZED WASTES AND PART A APPLICATION

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount (gallons per year)
	D-listed Wastes: Characteristic Hazardous Wastes	
D001	Spent Solvents, which may include the following: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043	50,000
D001	Tank Sediment	2,000
D001	Spent Immersion Cleaner	3,000
D001	Dry Cleaning Waste (quantity included in F002)	
D001	Paint Waste (quantity included in F003)	
D011	Photo Chemical Wastes	4,464
	F-Listed Wastes: Hazardous wastes from Non-specific sources.	
F002	Spent halogenated solvents, Dry Cleaning Waste	6,000
F003	Non-halogenated spent solvents, Paint Waste	4,464
F005	Non-halogenated spent solvents, Paint Waste (quantity included in F003)	

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Form Approved, OMB No. 2050-0034 Expires 10/31/02
GSA No. 0248-EPA-OT

For EPA Regional Use Only

Date Received
Month Day Year

EPA
United States Environmental Protection Agency
Washington, DC 20460

Hazardous Waste Permit Application Part A

(Read the Instructions before starting)

I. Facility's EPA ID Number *(Mark 'X' in the appropriate box)*

[ ] A. First Part A Submission

[X] B. Revised Part A Submission (Amendment # 6-16-02)

C. Facility's EPA ID Number: NMD980699849

D. Secondary ID Number *(If applicable)*:

II. Name of Facility

Safety-Kleen Systems Inc.

III. Facility Location *(Physical address not P.O. Box or Route Number)*

A. Street: 4210A Hawkins Road

Street *(Continued)*:

City or Town: Farmington

State: NM

Zip Code: 87401-3636

County Code *(If known)*:

County Name: San Juan

B. Land Type (Enter code): P

C. Geographic Location
LATITUDE *(Degrees, minutes, & seconds)*: 36 44 20
LONGITUDE *(Degrees, minutes & seconds)*: 108 14 11

D. Facility Existence Date
Month Day Year: 01 01 1981

IV. Facility Mailing Address

Street or P.O. Box: 4210A Hawkins Road

City or Town: Farmington

State: NM

Zip Code: 87401-3636

V. Facility Contact *(Person to be contacted regarding waste activities at facility)*

Name *(Last)*: Crawford

(First): Mike

Job Title: Branch Manager

Phone Number *(Area Code and Number)*: 505-327-9070

VI. Facility Contact Address *(See instructions)*

A. Contact Address
Location [X] Mailing [ ] Other [ ]

B. Street or P.O. Box: 4210A Hawkins Road

City or Town: Farmington

State: NM

Zip Code: 87401-3636

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GSA No. 0248-EPA-OT

EPA ID Number *(Enter from page 1)*: NMD980698849

Secondary ID Number *(Enter from page 1)*:

VII. Operator Information *(See Instructions)*

A. Name of Operator: Safety-Kleen Systems Inc.

Street or P.O. Box: 4210A Hawkins Road

City or Town: Farmington ~~Roadra~~

State: NM

ZIP Code: 87401-3636

Phone Number *(Area Code and Number)*: 505-327-9070

B. Operator Type: P

C. Change of Operator Indicator: Yes [ ] No [X]

Date Changed Month Day Year:

VIII. Facility Owner *(See Instructions)*

A. Name of Facility's Legal Owner: Comet Corporation

Street or P.O. Box: 1215 Brentwood Circle

City or Town: Farmington

State: NM

ZIP Code: 87401-

Phone Number *(Area Code and Number)*: 505-325-3743

B. Owner Type: P

C. Change of Owner Indicator: Yes [ ] No [X]

Date Changed Month Day Year:

IX. NAICS Codes *(in order of significance; start in left box)*

First	42186	**Third**	42183
(Description)		*(Description)*	
Second	42272	**Fourth**	42112
(Description)		*(Description)*	

X. Other Environmental Permits *(See Instructions)*

A. Permit Type *(Enter code)*	B. Permit Number	C. Description
E	NMR00A618	Stormwater Discharge Group

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EPA I.D. Number (enter from page 1) | Secondary I.D. Number (enter from page 1)

NMD 980698849

Safety-Kleen is an international, service-oriented company whose customers are primarily engaged in automotive repair, industrial maintenance, and dry cleaning. The company, in operation since 1968, offers solvent collection and reclamation services to customers nationwide. The Farmington Service Center is a service branch which leases and services Safety-Kleen parts cleaning equipment and solvents to Safety-Kleen customers. The service branch also collects spent parts washer solvent, spent immersion cleaner, dry cleaning wastes (perchloroethylene), paint waste/lacquer thinner, photo/imaging wastes and spent industrial solvents. Once a sufficient quantity of materials is collected, the materials are transported to a recycle center, contract reclaimer or other permitted facility for treatment and/or disposal.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	Disposal	
D79	Injection Well	Gallons; Liters; Gallons Per Day; or Liters Per Day
D80	Landfill	Acre-feet of Hectare-meter
D81	Land Application	Acres of Hectares
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment	Gallons or Liters
D99	Other Disposal	Any unit of measure listed below
	Storage	
S01	Container (barrel, drum, etc.)	Gallons or Liters
S02	Tank	Gallons or Liters
S03	Waste Pile	Gallons or Liters
S04	Surface Impoundment	Gallons or Liters
S05		
S06	Containment Building-Storage	Cubic Yards or Cubic Meters
S99	Other Storage	Any Unit of Measure Listed Below
	Treatment	
T01	Tank	Gallons Per Day or Liters Per Day
T02	Surface Impoundment	Gallons Per Day or Liters Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; or BTU's Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
T80	Boiler	Gallons or Liters
T81	Cement Kiln	Gallons Per Day; Liters Per Day Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
T82	Lime Kiln	
T83	Aggregate Kiln	
T84	Phosphate Kiln	
T85	Coke Oven	
T86	Blast Furnace	
T87	Smelting, Melting, Or Refining Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
T88	Titanium Dioxide Chloride Process Oxidation Reactor	
T89	Methane Reforming Furnace	
T90	Pulping Liquor Recovery Furnace	
T91	Combustion Device Used In the Recovery of Sulfur Values From Spent Sulfuric Acid	
T92	Halogen Acid Furnaces	
T93	Other Industrial Furnaces Listed In 40 CFR §260.10	
T94	Containment Building-Treatment	
	Miscellaneous (Subpart X):	
X01	Open Burning/Open Incineration	Any Unit of Measure Listed Below
X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; or Kilograms Per Hour
X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
X04	Geologic Repository	Cubic Yards or Cubic Meters
X99	Other Subpart X	Any Unit of Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liter Per Hour	H
Liters Per Day	V
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds Per Hour	J
Kilograms Per Hour	R
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu's Per Hour	K

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GSA No. 0248-EPA-OT

EPA ID Number *(Enter from page 1)*: N M 0 9 8 0 6 9 8 8 4 9

Secondary ID Number *(Enter from page 1)*:

XII. Process Codes and Design Capabilities *(Continued)*

EXAMPLE FOR COMPLETING ITEM XII (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY 1. Amount (Specify)	B. 2. Unit Of Measure (Enter code)	C. Process Total Number Of Units	For Official Use Only
X 1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
1	S 0 1	3,820	G	0 0 1	
2	S 0 2	12,000	G	0 0 1	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in item XIII.

XIII. Other Processes *(Follow instructions from item XII for D99, S99, T04 and X99 process codes)*

Line Number (Enter #s in seq w/XII)	A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY 1. Amount (Specify)	B. 2. Unit Of Measure (Enter code)	C. Process Total Number Of Units	D. Description Of Process
X 1	T 0 4				In-situ Vitrification
1		N/A			
2					
3					
4					

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GSA No. 0248-EPA-OT

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
N M D 9 8 0 6 9 8 8 4 9	

XV. Map

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (See instructions for more detail).

XVII. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XVIII. Certification(s)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature X J.D. Kinsey	Date Signed 7/03/02
Name and Official Title (Type or print) J. D. KINSEY, President, Comet Corp. AAS 13-02	
Owner Signature	Date Signed
Name and Official Title (Type or print)	
Operator Signature Mike Crawford	Date Signed 7/2/02
Name and Official Title (Type or print) Mike Crawford, Branch Manager, Safety-Kleen	
Operator Signature	Date Signed
Name and Official Title (Type or print)	

XIX. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)

ATTACHMENT 3
WASTE ANALYSIS PLAN

ATTACHMENT 3
WASTE ANALYSIS PLAN

3.1 INTRODUCTION

The Waste Analysis Plan (WAP) was provided to the New Mexico Environment Department by Safety-Kleen Systems Inc., (Safety-Kleen, Facility) in accordance with the requirements of the New Mexico Hazardous Waste Management Regulations, 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(2) and (3)) and Permit Condition 2.5.

The Facility shall store only wastes included in Part A of the Permit Application for the storage facility hazardous waste permit and not otherwise prohibited by the Permit. Safety-Kleen will not store any hazardous waste for more than one year.

Annual Waste Characterization data for the waste streams are located in Attachment 3-1. These waste streams are characterized annually as described in the "Statistical Analysis of Annual Waste Characterization Data", attached and incorporated herein by reference. The testing and sampling methodology is as described in Section 3.5. The data generated in this process is used to assign waste codes, if any, for each waste stream. The data generated in the annual recharacterization (AR) is also used to assist recycle centers in recycling or treating the waste streams. Recycle centers also rely on their own waste analysis plans to generate data to recycle materials and or dispose of waste. If while providing service to a customer if there is suspicion that the waste does not meet the acceptance criteria, the waste will not be picked up and the customer must provide information explaining what is in the waste and how the waste was adulterated.

Providing service to Safety-Kleen customers is dependent on a review of the customer business. If the business is a typical generator of that waste stream (for example, a garage generating parts washer waste), then limited review is performed. If the business is not a typical generator of that waste stream or if the business has other processes on site, a more detailed review of the business is performed and a certification from the customer is required stating the waste will be as described without adulterants. For example, laboratory analysis of that customer's waste may be required.

In this AR process, regulated hazardous constituents and reasonably expected underlying hazardous constituents (UHC)s are also discovered. Underlying Hazardous Constituents discovered in the AR shall be assumed to be expected throughout the waste stream. Safety-Kleen's Underlying Hazardous Constituents for

current year are contained in Attachment 3-1. The applicable constituent concentration or technology based treatment standards for the wastes and/or individual hazardous constituents will be identified, if required by regulation, on the Land Disposal Regulation (LDR) form generated from this data, an example of which is provided in Attachment 3-2. The LDRs generated in this process also identify whether the waste must be treated before being land disposed when required by regulation.

Annual recharacterization data is also used to update subpart BB and Subpart CC compliance plans. It is anticipated that minor changes in the waste streams are unlikely to significantly change in air emissions.

Recycle centers shall test every shipment of waste for PCBs. If a shipment is discovered to contain PCBs, the source of the PCBs is traced and appropriate 40 CFR 761 requirements are implemented. Any equipment contaminated by PCBs is removed from service decontaminated cleaned before being put into service.

The Safety-Kleen transportation department is responsible for selecting packaging for Safety-Kleen waste streams, in addition to their responsibility for company compliance with Federal, State, and Local transportation regulations and rules. The transportation department has selected packaging based on past waste recharacterizations and continues to review AR and other data to maintain compliance with material packaging requirements.

The Waste Analysis Plan also provides information about how Safety-Kleen plans to accept, manage, and store hazardous wastes at their Farmington, New Mexico, Service Center (Facility) in order to meet the requirements of the New Mexico Hazardous Waste Management Regulations 20.4.1 NMAC (incorporating 40 CFR 260 through 40 CFR 270). The WAP shall be included in the operating record that Safety-Kleen shall keep on-site in the Administration Office. The wastes that Safety-Kleen shall be accepting for storage and subsequent transfer to a Safety-Kleen recycling facility or a contract re-claimer are listed in Permit Attachment 2, *Authorized Wastes and Part A Application*.

Table 3-1

Waste Analysis Plan, Abstract

Waste Description	**EPA Hazardous Waste Numbers**	**Capacity**[1]	**Annual Amount**[2]
Spent Solvents	D001[3]	12,000	50,000
Bottom Sediment from Tank	D001[3]	N/A	2,000
Spent Immersion Cleaner	D001[3]	4,464	3,000
Dry Cleaning Waste	D001, F002[3]	4,464	6,000
Paint Waste	F003, F005, D001[3]	4,464	
Photo Chemical Wastes	D011	4,464	

Notes:
1. The facility capacity is in gallons.
2. The annual amount is in gallons.
3. May also include D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043

The total amount of drummed waste shall not exceed 3,820 gallons in the Container Storage Unit at any one time.

3.2 DESCRIPTION OF WASTES

Several types of waste result from the servicing of Safety-Kleen customers and the maintenance of the service center. It should be noted that the solvents managed at this facility are incompatible with strong oxidizers and reactive metals, none of which are present in the containers, container storage area, or the concrete sealant. The solvents are also compatible with one another. Analytical data for the wastes and specifications for the products are located in Attachments 3-1 and 3-2. Qualitative descriptions of the acceptable wastes are identified in Sections 3.3.1 through 3.3.4.

3.2.1 Wastes Resulting from the Parts Washer Service

Used spent solvents from parts washers are accumulated in the 12,000-gallon above ground spent solvent storage tank via the return and fill station. Containers of used material are poured into the drum washer/dumpster at the return and fill station, which in turn empties into the 12,000-gallon spent solvent above ground storage tank. This waste handling method results in several types of solvent waste as described below.

3.2.1.a Used Solvent

The used solvent (Stoddard Solvent) is removed from the tank by a tanker truck on a scheduled basis. Approximately 5,000 gallons are removed monthly. This waste is ignitable (D001) and may exhibit toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043.

3.2.1.b Bottom Sediment in the Tank

Approximately once every two years, it is necessary to remove sediment and other heavy material from the bottom of the tank. A Safety-Kleen vacuum truck is generally used for this purpose. The sediment is ignitable (D001) and may exhibit the toxicity characteristic of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040 D041, D042, and D043.

3.2.1.c Dumpster Sediment

Sediment may also accumulate in the drum washers in the return/fill station. The sediment is manually removed and placed in containers. The dumpster sediment is representative of the waste codes described in items 3.2.1.a and 3.2.1.b.

The sediment from the bottom of the drum washer/dumpster in the return and fill station is removed manually by a shovel, containerized and stored in the CSU. The containers are properly labeled indicating contents. The chemical composition of this waste is similar to that of the tank bottom sediment and therefore carries the same EPA hazardous waste codes.

3.2.1.d Immersion Cleaner

Immersion cleaner is a different type of solvent that is not placed in the aboveground storage tank. Containers of immersion cleaner typically remain in the drum in which it was originally

used until it is received at the recycle center. Drums are placed in the drum storage area of the warehouse and are stacked no more than two-high in the drum storage area of the warehouse.

The immersion cleaner is a non-halogenated mixture and may exhibit toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043.

3.2.1.e Used Aqueous Parts Cleaner Solvents

This waste may be bulked at the service center into containers that meet DOT specifications or may be co-mingled with the other solvent into the used solvent tank. It may be toxic using the toxicity characteristic of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040 D041, D042, and D043.

3.2.2 Wastes Resulting from the Dry Cleaner Service

Dry cleaning wastes consist of spent filter cartridges, separator water powder residue from diatomaceous or other powder filter systems and still bottoms. These wastes are packaged on the customer's premises in DOT approved containers (typically black 16-, 30-, or split 30-gallon containers). The containers are then palletized, stacked two high and placed in the CSU. Approximately 90% of the dry cleaning solvent used is perchloroethylene (tetrachloroethylene) (F002, and D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043) and 5% 1,1,2-trichloro- 1,2,2- triflouroethane (F002) and may exhibit toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043), and 5% is mineral spirits with the waste code of D001. Other types of dry cleaning wastes (e.g. freon) will be managed on a transfer basis only.

3.2.3 Paint Wastes

Paint wastes consist of various lacquer thinners (D001, F003, and F005) and may be toxic as per the characteristic leaching procedure (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043). The wastes are collected in containers which meet DOT requirements at the customer's place of business and containers

are then palletized and stored in an enclosed concrete masonry building (Flammable Storage Building).

3.2.4 Photographic/Imaging Wastes

Some photographic wastes managed by the Facility are not solid wastes per 20.4.1.200 NMAC (incorporating 40 CFR 261.2(c)) because the hazardous constituent is reclaimed. Others are managed under the provisions of 20.4.1.700 NMAC (incorporating 40 CFR 266 Subpart F) relating to recyclable materials utilized for precious metals recovery. Imaging waste typically consists of three waste streams, photo fixer solution, used photo developer, and silver collection canisters. Photo fixer solution is an aqueous solution used to etch photo film during processing and exhibits a toxicity characteristic of D011 (Silver). The photo fixer solution is a hazardous waste and is subject to the requirements of 20.4.1.800 NMAC (incorporating 40 CFR 268). Safety-Kleen is able to recover the silver from this solution. Used photo developer is an aqueous solution that exhibits no hazardous waste characteristics but shall not be allowed to discharge into public wastewater treatment systems in some communities. The silver collection canisters are sent to a recycle center for reclamation. These canisters do not meet the definition of a hazardous waste in accordance with 20.4.1.100 NMAC (incorporating 40 CFR 260.30(c)), and are managed as a non-regulated material.

3.3 QUALITY CONTROL PROCEDURES

The used solvents are the primary feedstocks for the generation of Safety-Kleen solvent products. As a result, quality control of the used solvents is necessary to ensure that reclamation occurs in the safest and most efficient manner possible. The Farmington service center collects spent solvent from approximately 400 customers, most of whom are small quantity generators, and containers of recoverable solvents which are returned to the service center each year for shipment to a reclaimer. With such large numbers of waste generators and waste shipments, performing detailed analyses at the service center is economically and logistically infeasible.

All the materials collected at the service center are managed at all times in a closed loop system and are usually collected from a company with a single process. The composition and quality of these materials are known and Safety-Kleen's operating experiences have shown that the collected materials rarely deviate from company specifications. As an additional safeguard, Safety-Kleen personnel are instructed to inspect all materials before returning them to the service centers as described in

Section 3.3. This mode of operation has been proven to safeguard the recycling process and maintain a quality product.

However, in accordance with 20.4.1.500 NMAC (incorporating 40 CFR (a)(3)(i)), Safety-Kleen will perform physical and chemical analysis of a waste stream when it is notified or has reason to believe that the process or operation generating the waste has changed, or when the result of inspection indicates that the waste collected does not match that designated. It is Safety-Kleen's practice that suspected non-conforming material must not be accepted until a full analysis has been conducted. If a container with questionable contents is returned to the service center, a sample will be taken and analysis will be performed at the recycling center, Safety-Kleen Tech Center (Elk Grove Village, Illinois) or other qualified lab according to the procedures outlined in Section 3.4 of this attachment. The Branch Manager will be notified of any contamination that may have occurred.

3.3.1 Quality Control Training

Safety-Kleen trains personnel to verify the physical characteristics of the wastes at several points in the management of the solvent. These procedures are described briefly below.

Safety-Kleen controls the use and management of its solvents by:

1. Limiting the solvents stored to those compatible with one another and their containers;

2. Limiting the uses of each type of solvent (example, dry cleaning waste is <u>only</u> collected from dry cleaner shops);

3. Determining the customer's type of business (i.e., the SIC code is recorded) and the purpose for which the customer will use the machine;

4. Training customers to use the machines properly;

5. Training employees to inspect the physical characteristics of used solvent and determine whether it is acceptable;

6. When waste is collected from a customer, indicate on the service document whether the used solvent meets Safety-Kleen's acceptance criteria;

7. Marking each container with the customer's name, address, and EPA I.D. number (if available). This

information remains on containerized waste until it is accepted at the reclamation facility;

8. Keeping a record of each incoming and outgoing shipment in the operating log; and

Safety-Kleen's customers sign a service document containing the following information:

1. The name, address and EPA I.D. number of the facility to which the waste is being shipped;

2. The customer's name, address and EPA I.D. number (if available); and

3. The description and amount of Safety-Kleen solvent waste generated.

In addition, each incoming and outgoing shipment shall be recorded in the Facility's Operating Log.

If a waste is rejected at the time of service, the customer will be given a choice as to whether he/she will dispose of the waste or require Safety-Kleen's assistance. If they request Safety-Kleen's assistance, a sample will be drawn using a Coliwasa tube or similar sampling device to ensure representative samples. The sample will be analyzed for flash point and volatile organic compounds. If this analysis does not adequately define the constituents, additional analyses will be performed as necessary (e.g., semi-volatile organic compounds, PCBs, etc.).

The laboratory sends waste analyses results to the service center. If through the additional analysis the waste is determined to be acceptable at the branch, it will be relabeled, manifested and then managed with the other wastes. If it is determined through the additional analysis to not be acceptable, the waste will either be: (a) managed at the Service Center on a 10 day transfer basis and manifested to a properly permitted reclamation or disposal facility, or (b) manifested and shipped directly to a properly permitted reclamation or disposal facility. The analytical results from the additional characterization analysis will be used to appropriately manage the waste. The Branch Manager has the right to refuse any further service to a business, which has returned waste that does not meet acceptable criteria.

3.3.2 Qualitative Waste Analysis

3.3.2.a General Inspection Procedures

See Attachment 3-3 for inspection training details.

1. Safety-Kleen visually inspects each drum of waste when it is collected at the customer's location. Safety-Kleen examines the waste for volume, appearance, consistency and odor and is intimately familiar with the characteristics of the waste it receives. Based on the known waste characteristics, Safety-Kleen has established the specific acceptance criteria set forth below, to be used by Safety-Kleen personnel in their visual inspections. These inspection procedures allow Safety-Kleen to ensure that the waste being picked up meets appropriate acceptance criteria;

2. If a particular drum of waste does not meet the acceptance criteria, the Safety-Kleen service representative will either (1) sample the waste for testing at a Safety-Kleen laboratory to determine whether the waste has been contaminated; or (2) reject the waste. In the event the waste is not sampled, Safety-Kleen will notify the generator's State Agency that is authorized to implement the RCRA hazardous waste management program (or EPA if the RCRA program has not been delegated to the State);

3. If the waste is sampled for further analysis, the service representative will collect a sample, then seal the drum and label it as hazardous waste. The drum is left with the customer pending the results of the laboratory tests. The laboratory testing initially involves analyzing the suspect waste for flash-point and the presence of volatile organic compounds. Pending those results, additional constituents may also be analyzed. The costs of any sampling and testing performed as a result of the waste failing to meet the acceptance criteria, will be borne by the customer;

4. If the laboratory analysis reveals that the sampled waste is not contaminated, Safety-Kleen will accept the waste from the customer. If the laboratory confirms that the waste is contaminated, the generator will be responsible for securing an alternate means of disposal or they may contract with Safety-Kleen to handle the waste on a 10-day transfer basis.

3.3.2.b Waste Specific Criteria

The following is a description of the specific acceptance criteria for each waste stream:

3.3.2.b.i Used Solvent

1. The acceptance criteria for determining by visual inspection whether used solvent has been contaminated are volume, odor and color, the most significant of which is volume. If the volume of waste in a given drum exceeds the specified level, the Safety-Kleen service representative will conduct an inquiry of the customer's operation and handling procedures. Contingent on the customer's responses, the solvent may be accepted, a sample of the waste may be collected for laboratory testing as described above, or the waste may be rejected.

2. In addition to the volume criterion, the odor of the used solvent may typically indicate whether the waste has been contaminated. Used solvent has a distinctive odor. The service representatives are expressly instructed not to deliberately sniff the waste. However, if the solvent has been contaminated the service representative may notice a difference in the odor when he services the machine.

3. The used solvent is also visually inspected for its color. Unused solvent typically has a clear or greenish tint. As the solvent is used, it turns brown in color. The more it is used, the darker brown it becomes, until it is almost black. In the case of a print shop, the solvent may be clear, green, brown, black, or many colors. Therefore, if the used solvent does not appear to be the expected color, the service representative will sample the waste for possible contamination as described above, or will reject the waste.

3.3.2.b.ii Immersion Cleaner

1. The criteria for the inspection of used immersion cleaner are volume and color. If the volume of waste exceeds the specified level a sample will be tested for contamination following the procedures described above or the waste will be rejected.

2. Unused immersion cleaner is amber in color. As the solvent is used, it turns brown in color. The more it is used, the darker brown it becomes, until it is almost black. If the used immersion cleaner does not appear to be the expected color, the service representative will either sample the waste for

possible contamination as described above, or reject the drum of waste.

3.3.2.b.iii Dry Cleaner Wastes

Dry cleaner wastes normally consist of used filter cartridges, powder residue, and still bottoms.

1. Used Filter Cartridges:

   Used filter cartridges are placed in containers meeting DOT specifications. It is obvious to the service representative whether the items in the drums are filter cartridges. The drums may also contain approximately one inch of liquid, which should either be clear or have a light brownish tint. If the amount of the liquid is greater than approximately one inch or if the liquid is a color other than light brown, the service representative will sample the waste for contamination in accordance with the procedures described above, or will reject the waste.

2. Powder Residue:

   The criteria for the acceptance of powder residue are consistency and color, the former being the more significant criterion of the two. A drum of powder residue should not contain any liquid. As the name implies, it will be dry or "powdery". If there is any liquid in the drum, the waste will be sampled for contamination in accordance with the procedures described above, or the waste will be rejected.

   The powder residue is also inspected for color and should appear to be grayish-black. If the residue is not grayish-black in color, the service representative will sample the waste for contamination in accordance with the procedures described above, or will reject the waste.

3.3.2.b.iv Still Bottoms

The criteria for the acceptance of dry cleaning still bottoms are consistency and color. The waste should have a highly viscous, tar-like consistency. If the consistency of the waste is too thin or if there is more than one inch of free liquid in the drum, the waste will be sampled for contamination in accordance with the procedures described above, or will be rejected.

In addition to consistency, the still bottom waste is inspected for color. The waste should appear dark brown or black in color. If the waste is a different color, a service representative will sample the waste for contamination in accordance with the procedures described above, or will reject the waste.

3.3.2.b.v Paint Wastes

Safety-Kleen handles both lacquer thinner waste generated from the paint gun cleaning process and paint waste.

1. Lacquer Thinner Waste:

   The significant criterion for determining whether lacquer thinner waste will be accepted is volume. The solvent is provided to customers in pails, which meet DOT requirements. The paint gun cleaning machine operates as a closed system where by there should never be a combined volume of more than the expected amount of solvent in the two collection pails. The solvent is pumped from a tube in a left hand pail (facing the machine) through the machine into the right hand pail. The left hand pail starts with clean solvent which will be pumped out as the machine is used to clean the spray guns. If a service representative discovers more than the expected amount of solvent in the two pails, or there is an overfill from the right hand pail, the waste will be sampled for contamination in accordance with the procedures described above, or the waste will be rejected.

2. Paint Waste:

   a. Liquid

   The significant criterion for the inspection of paint waste is consistency. The waste should contain no more than 30 percent solids. The service representative will insert a COLIWASA or similar sampling device into the drum. The sampling device should glide easily down to the bottom of the drum. The service representative will handle this waste as a Class 3 flammable waste. If there is resistance to the insertion of the glass tube, it is assumed that the level of solids is in excess of 30 percent and the service representative will reject the waste.

   The contents of the glass tube are also visually examined for consistency and water content. The

material should be a "free flowing" liquid, but should not contain a significant amount of water. If there is more than approximately 10 inches of water in the 3-foot tube (the water and paint will separate in the tube and thus can be measured) the waste will be rejected.

b. Solid

For waste containing more than 30 percent solids the service representative will handle the waste as a Class 4 flammable waste.

3.3.2.b.vi Photographic/Imaging Waste

Photographic/Imaging waste is collected from facilities where one process is managed and the possibility of cross contamination is minimal. The sales representative inspects the contents of the containers of photographic/imaging waste when the sales representative services the customer. The pH and silver content of the waste is checked at the time of service, and the waste is also inspected visually.

3.4 WASTE ANALYSIS

Analyses performed at the Safety-Kleen recycle centers are undertaken to safeguard the recycling process and to assure a product quality. The following section summarizes the waste analyses practiced at the recycle center for the hazardous materials returned from the Farmington branch. For each waste type stored at the branch, at least the following analyses must be performed annually (annual recharacterization analysis). If a particular waste stream is not managed at the service center during the previous year, no recharacterization analysis is performed. Copies of the results for the annual analyses shall be maintained at the branch office for the life of the permit. A copy of the most recent recharacterization analysis is contained in Attachment 3-1.

3.4.1 Solvents

1. Flash point (must be greater than 90°F)

   If the flashpoint is unacceptable, the Farmington Branch Manager will be notified immediately and the load will receive appropriate special handling. If the results are acceptable, the following tests will be performed:

2. Volatile Organic Analysis, using EPA Methods 8015, 8021, 8260, or approved equivalents

3. Physical appearance, including bottom sediment and water content

4. Specific gravity

5. pH

6. Distillation performance

If any of these tests yield unacceptable results or indicate solvent contamination outside the normal range, the Branch Manager will be notified immediately.

In addition to the tests listed above, which will be performed on a representative sample from every load received at the recycle center from the Farmington service center, a full Toxicology Characteristic Leaching Procedure (TCLP) analysis for all 40 constituents, (except for pesticides and herbicides) will be performed at least once each calendar year.

3.4.2 Solvent Tank Bottom Sludge and Free Water

1. Flash point (Must be greater than 90°F)

2. Analysis for content of lead, cadmium, and chromium

3. pH

As described above for solvent, a full TCLP analysis (except for the pesticides and herbicides) will be performed on a representative sample at least once each calendar year.

3.4.3 Immersion Cleaner Solvent

Containers of waste immersion cleaner are typically characterized at the recycle center using the following criteria:

1. Flash point

2. Physical appearance

3. Specific gravity

4. Percent water

5. Volatile Organic Analysis (using EPA methods 8015, 8021, 8260 or approved equivalents)

If any of these tests yield unacceptable results or indicate solvent contamination outside the normal range, the Branch Manager will be notified immediately. As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of immersion cleaner at least once each calendar year.

3.4.4 Dry Cleaning Solvent/Still Bottoms

1. Physical appearance
2. Volatile Organic Analysis for Perchlorothylene (using EPA methods 8015, 8021, 8260 or approved equivalents)
3. Specific gravity

If any of these tests yield unacceptable results or indicate contamination outside the normal range, the Branch Manager will be notified immediately.

As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of dry cleaning waste at least once each calendar year.

3.4.5 Paint Waste

Paint wastes are generally characterized at the recycle center using the following criteria:

1. Metals
2. Flash points
3. Physical appearance
4. Specific gravity
5. Percent water
6. Volatile organic analysis (using EPA methods 8015, 8021, 8260, or approved equivalents)

As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of paint waste at least once each calendar year.

3.5 WASTE ANALYSIS PLAN UPDATE

The waste analysis plan will be modified when a new waste product is collected or when sampling and material management methods change. Revision of the plan is typically the responsibility of the Safety-Kleen corporate or regional compliance offices. Any revision to this plan will be in accordance with 20.4.1.900 NMAC (incorporating 40 CFR 270.42)

Tables 3-2 through 3-5 summarize the waste analysis plan practiced at the recycle centers for the hazardous waste materials returned from the Farmington Service Center.

Table 3-2

Parameters And Rationale For Hazardous Waste Analysis

Hazardous Waste	Parameter*	Rationale
1. Spent Solvents	Flash Point TCLP (preparation method)	Ignitable Characteristic (D001) Contains components which exceed the limits listed in 40 CFR 261.24
	Hazardous Constituent Concentration	Determination of Waste's LDR Status as required in 20.4.1.800 NMAC (incorporating 40 CFR 268.40)
2. Solvent Tank Bottoms	Same as number 1	Same as number 1
	Hazardous Constituent Concentration	Determination of Waste's LDR Status as required in 20.4.1.800 NMAC (incorporating 40 CFR 268.40)

* Earlier sample analyses indicated the parameters listed are the only ones of concern.

3. Used Immersion Cleaner	TCLP (preparation method)	Contains components which exceed the limits listed in 40 CFR 261.24
	Hazardous Constituent Concentration	Determination of Waste's LDR Status as required in 20.4.1.800 NMAC (incorporating 40 CFR 268.40)
4. Dry Cleaning Wastes	Perchloroethylene, 1,1,2-trichloro-1,,2,2-trifluoroethane TCLP Flash Point	Contains this ingredient (F002) Contains components which exceed the limits listed in 40 CFR 261.24 Ignitable Characteristic (D001)
	Hazardous Constituent Concentration	Determination of Waste's LDR Status

Table 3-3

Parameters And Test Methods

Parameter	Test Method	Reference
Flash Point	Setaflash closed cup tester	U.S. EPA SW 846, Third Ed., Method 1020 (ASTM Method D327-78) or an equivalent method.
Hydrocarbons, Volatile and Semivolatile Organic Compounds LDR Constituents	Gas Chromatography (GC) and/or Mass Spectroscopy	U.S. EPA Methods 8010, 8015, 8020, 8120, 8240, and/or 8270 or equivalent methods.
Toxicity Characteristics	TCLP (preparation method), followed by 1310 or (3010, 7760) then 6010 and 1310 then 7470.	40 CFR 261, Appendix II; 55 FR 11798 (March 29. 1990)

Table 3-4

Methods To Sample Hazardous Wastes

Hazardous Waste	Reference for Sampling	Description of Sampling Method	Sampler
1. Spent Solvents	Sampling a tank "Samples & Sampling Procedures for Hazardous Waste Streams" EPA - 600/2-80-018 and Safety-Kleen training, ET-143, "Sampling Hazardous Materials and Wastes".	Test Methods for the Evaluation of Solid Waste Physical/ Chemical Methods, SW846, U.S. EPA Chapter One, et. seq. And Safety-Kleen Training ET-143, "Sampling Hazardous Materials and Wastes"	Coliwasa Tube, Weighted Bottle Sampler, Pond Sampler, Trier, Large Trier, Auger, Grain Thief, or Scoop as appropriate.
2. Solvent Tank Bottoms	Same as number 1	Same as number 1	Same as number 1
3. Spent Immersion Cleaner	Same as number 1	Same as number 1	Same as number 1
4. Dry Cleaning Wastes	Same as number 1	Same as number 1	Same as number 1

Table 3-5

Frequency of Analysis

Hazardous Waste	Analysis*	Frequency
1. Spent Solvents	Flash Point TCLP	At least annually At least annually
2. Solvent Tank Bottoms	Flash Point TCLP	At least annually At least annually
3. Used Immersion Cleaner	TCLP	At least annually
4. Dry Cleaning Wastes	Perchloroethylene, 1,1,2-trichloro-1,2,2-trifluoroethane TCLP Flash Point	At least annually At least annually At least annually

3.6 LAND BAN NOTIFICATION/CERTIFICATION FORMS

The Permittee shall follow all requirements of Section 2.4 of this Permit.

In accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268.7(a)(2)), Safety-Kleen shall provide a one time written notice for wastes banned for land disposal with the initial shipment. No further notification is necessary unless the waste or the Facility changes. Safety-Kleen shall provide the written notice for wastes banned from landfills, in accordance with 20.4.1.800 NMAC (incorporating 40 CFR 268), as follows:

1. Printing the Notice language on manifests - such as for core-business customers to branch shipments; or

2. Special forms for each regularly handled waste types (e.g., parts washer solvents, immersion cleaner, dry cleaning wastes, etc); or

3. A general form that must be completed for unique or non-standard waste streams. These wastes will only be handled on a transfer basis in accordance with 20.4.1.400 NMAC (incorporating 40 CFR 263.12).

The notice is required paperwork for all Safety-Kleen waste types. Shipments lacking the proper notice shall not be accepted by any Safety-Kleen facility. When a shipment with the proper notice is received, the notice is kept in the files of the receiving facility, or designated facility, as defined in 20.4.1.100 NMAC (incorporating 40 CFR 260.10), with the manifest or with the pre-print if a manifest is not used.

3.7 OPERATING LOG RECORD

Safety-Kleen shall maintain a written operating record on-site of all manifested wastes that enter the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73 (a)). The requirements of this Operating Log are detailed in Attachment 8, *Manifesting, Reporting, and Record*.

3.8 WASTE DETERMINATION FOR SUBPART BB AND CC COMPLIANCE

For purposes of waste determination, this Facility utilizes knowledge of the wastes described in Section 3.2, 3.3, and 3.4. For those hazardous wastes, which are managed on a transfer basis, the Subpart CC regulation does not apply. However, the Permittee may use knowledge of the waste based on information included in manifests, shipping papers, or waste certification

notices to confirm waste determination for the generator or the ultimate receiving facility.

Based upon this knowledge, it has been determined that all wastes managed in tanks or containers at this facility may display an average volatile organic concentration of greater than 500 ppmw at the point of waste origination. Documentation of this knowledge is provided in Attachment 3-1 (waste characterization analytical results), as required in 20.4.1.500 NMAC (incorporating 40 CFR 264.1063(d) and 264.1083). Therefore, hazardous wastes managed in tanks or containers at this facility shall be managed in accordance with the applicable Subpart BB and Subpart CC standards.

ATTACHMENT 3-1

ANNUAL WASTE RECHARACTERIZATION

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2003 ANNUAL RECHARACTERIZATION WASTE CODES

National Waste Code Assignment

WASTE STREAMS	WASTE CODE CHANGES - NATIONAL			Utah	Minnesota	Texas		California
General Description	2002 Federal Waste Codes (From 2001 Data)	2003 Federal Waste Codes (From 2002 Data)	Changes from 2002 to 2003	UT 2003 FWC	MN 2003 FWC	TX Waste Code (instate)	TX Waste Code (out of state)	2003 CA Waste Codes
Aqueous Brake Cleaner	D039	D039	No Change	Nat'l	Nat'l	0839102H	OUTS102H	134
Branch Contaminated Debris	F001, F002, F003, F005, D001, D006, D007, D008, D011,D018, D022, D027, D028, D035, D039, D040	F001, F002, F003, F005, D001, D006, D007, D008, D011,D018, D022, D027, D028, D035, D036, D038, D039, D040	**Add D036 (nitrobenzene), D038 (pyridine)**	Nat'l	Nat'l	1827409H 1736319H	OUTS409H OUTS319H	741 (L) 751 (S)
Immersion Cleaner (IC 699)	D006, D008, D018, D027, D039, D040	D006, D008, D018, D027, D038, D039, D040	**Add D038 (pyridine)**	Nat'l + D007	Nat'l	0566203H	OUTS203H	741
Parts Washer Solvent 105 Recycled	D001, D018, D039, D040	D001, D018, D039, D040	No Change	Nat'l + D008	Nat'l + D008	0501203H	OUTS203H	741
Parts Washer Solvents (Bulked) / Combination of 105 and 150 (Aqueous, where applicable)	D001, D018, D039, D040	D001, D018, D039, D040	No Change	Nat'l	Nat'l + D008	0501203H	OUTS203H	741
Parts Washer Solvent Sludge/Dumpster Mud	D001, D039	D001, D039	No Change	Nat'l + D006, D008, D018, D040	Nat'l	0527695H	OUTS695H	741
Parts Washer Solvent Tank Bottoms (bulk)[1]	D039	D039, D040	**Add D040 (Trichloroethylene)**	Nat'l	Nat'l	0527695H	OUTS695H	741
Parts Washer Solvent 150	D039	D039	No Change	Nat'l	Nat'l + D008, D018, D040	0501203H	OUTS203H	213
Paint Gun Cleaner (SK)	F005, F003, D001, D018, D035, D039, D040	F003, F005, D001, D018, D035, D038, D039, D040	**Add D038 (pyridine)**	Nat'l + D007, D008	Nat'l	0523211H	OUTS211H	212
Paint Waste Other	F005, F003, D001, D018, D035, D039, D040	F003, F005, D001, D018, D035, D036, D038, D039, D040	**Add D036 (nitrobenzene), D038 (pyridine)**	Nat'l + D005, D007, D008	Nat'l	0523211H	OUTS211H	212
Dry Cleaner (Perc) Bottoms	F002, D007, D039, D040	F002, D007, D039, D040	No Change	Nat'l	Nat'l	0506609H	OUTS609H	741
Dry Cleaner (Perc) Filter Powder	F002, D039	F002, D039	No Change	Nat'l	Nat'l	0906310H	OUTS310H	751
Dry Cleaning Naphtha (Mineral Spirits)	D001, D039	D001, D039	No Change	Nat'l	Nat'l	0569609H	OUTS609H	741

Aqueous Brake Cleaner

				Sample Number	2014670	C2J300280001	C2J300280001X	2054681	2058150	2058153	2095616	C2J110184001
				Year	2000	2002	2002	2000	2000	2000	2001	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Albuquerque,NM	Albuquerque,NM	Albuquerque,NM	Avon,NY	Avon,NY	Avon,NY	Avon,NY	Avon,NY
BNA												
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	<5.0	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.50	<2.0	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.10	<0.13	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.10	<0.13	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	<5.0	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.54	<1.0	<1.0
METALS												
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	2.33	0.926	12.7	1.79	<0.500	6.04	1.63	0.528
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.100	<0.10	<0.10
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<1.00	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	65	>200	D001	140	>200	>200	**69**	>200	>200	>200	>200	>200
pH	73	9.93	D002	2-12.5	10.6	10.12	8.6	9.2	8.32	11.3	9.42	9.93
VOA												
1,1-Dichloroethylene	68	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
1,2-Dichloroethane	68	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Benzene	68	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Carbon Tetrachloride	68	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Chlorobenzene	68	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Chloroform	68	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Methyl Ethyl Ketone	68	ND	D035	200	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0
Tetrachloroethylene	68	13.81	D039	0.7	<0.20	**1.43**	**1.776**	**2.743**	<0.20	**93.85**	**9.002**	**34.82**
Trichloroethylene	68	0.2	D040	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0
Vinyl Chloride	68	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<0.14	<1.4	<0.14	<1.4

Aqueous Brake Cleaner

				Sample Number	C2I25035200	C2J010167001	2027938	2094166	2094170	2094177	C2K200260001	2050730
				Year	2002	2002	2000	2001	2001	2001	2002	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Boise,ID	Clackamas,OR	Cohoes,NY	Cohoes,NY	Cohoes,NY	Cohoes,NY	Cohoes,NY	Columbus,GA
BNA												
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	1.06	0.854	2.1	1.78	2.02	1.17	<0.500	5.54
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	65	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	>200
pH	73	9.93	D002	2-12.5	10.25	9.86	7.42	9.66	9.47	7.9	11.03	11.81
VOA												
1,1-Dichloroethylene	68	ND	D029	0.7	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
1,2-Dichloroethane	68	ND	D028	0.5	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Benzene	68	ND	D018	0.5	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Carbon Tetrachloride	68	ND	D019	0.5	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Chlorobenzene	68	ND	D021	100	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Chloroform	68	ND	D022	6	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Methyl Ethyl Ketone	68	ND	D035	200	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<5.0
Tetrachloroethylene	68	13.81	D039	0.7	0.618	2.145	0.686	1615	2.104	2.889	25.76	131.2
Trichloroethylene	68	0.2	D040	0.5	<0.20	<0.20	<0.20	2.814	0.781	0.2	<0.20	<2.0
Vinyl Chloride	68	ND	D043	0.2	<0.14	<0.14	<0.14	<1.4	<0.14	<0.14	<0.14	<1.4

Aqueous Brake Cleaner

				Sample Number	2090891	C2K080349001	2010698	2075111	2134788	2065470	2096469
				Year	2001	2002	2000	2001	2002	2000	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Columbus,GA	Columbus,GA	Denton,TX	Denton,TX	Denton,TX	Dodge City,KS	Dodge City,KS
BNA											
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS											
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	1.17	1.19	4.36	1.17	2.91	2.90	1.57
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	65	>200	D001	140	>200	>200	**99**	**120**	>200	>200	>200
pH	73	9.93	D002	2-12.5	8.95	9.09	9.76	10.57	9.81	9.89	10.27
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
1,2-Dichloroethane	68	ND	D028	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Benzene	68	ND	D018	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Carbon Tetrachloride	68	ND	D019	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Chlorobenzene	68	ND	D021	100	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Chloroform	68	ND	D022	6	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<2.0
Methyl Ethyl Ketone	68	ND	D035	200	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<5.0
Tetrachloroethylene	68	13.81	D039	0.7	**2.043**	**2.369**	**236.1**	**12.61**	**22.21**	**25.14**	**17.09**
Trichloroethylene	68	0.2	D040	0.5	<0.20	<0.20	**2.691**	<0.20	0.255	<0.20	<2.0
Vinyl Chloride	68	ND	D043	0.2	<0.14	<0.14	<1.4	<0.14	<0.14	<0.14	<1.4

Aqueous Brake Cleaner

				Sample Number	C2H290219001	2016672	2025717	2139851	2011428	2075116	C2K150379001
				Year	2002	2000	2000	2002	2000	2001	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Dodge City,KS	Edwardsville,KS	Garden City,GA	Garden City,GA	Gering,NE	Gering,NE	Gering,NE
BNA											
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS											
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	0.906	1.33	6.33	0.514	0.505	1.53	7.44
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	65	>200	D001	140	>200	>200	>200	>200	>200	>200	>200
pH	73	9.93	D002	2-12.5	9.38	10.86	9.28	9.60	9.51	10.10	9.53
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
1,2-Dichloroethane	68	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Benzene	68	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Carbon Tetrachloride	68	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Chlorobenzene	68	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Chloroform	68	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Methyl Ethyl Ketone	68	ND	D035	200	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	5.663
Tetrachloroethylene	68	13.81	D039	0.7	**3.243**	<0.20	<0.20	**3.097**	**2.165**	**112.5**	**60.07**
Trichloroethylene	68	0.2	D040	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Vinyl Chloride	68	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<0.14	<1.4	<1.4

Aqueous Brake Cleaner

				Sample Number	2056821	2085848	2085853	2085878	C2J170104001	C2J170119001
				Year	2000	2001	2001	2001	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY
BNA										
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<50	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<20	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<1.3	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<50	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<50	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<1.3	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<50	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0
METALS										
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	1.49	4.33	10.4	<0.500	<0.500	1.03
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc										
Flash Point	65	>200	D001	140	>200	>200	>200	146	>200	>200
pH	73	9.93	D002	2-12.5	9.59	10.94	9.72	10.70	8.10	9.85
VOA										
1,1-Dichloroethylene	68	ND	D029	0.7	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
1,4-Dichlorobenzene	68	ND	D027	7.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
Benzene	68	ND	D018	0.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
Chlorobenzene	68	ND	D021	100	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
Chloroform	68	ND	D022	6	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20
Methyl Ethyl Ketone	68	ND	D035	200	<5.0	0.603	<0.50	0.996	<5.0	<0.50
Tetrachloroethylene	68	13.81	D039	0.7	**821.7**	**13.81**	**5.216**	**12.28**	**83.24**	**14.8**
Trichloroethylene	68	0.2	D040	0.5	<2.0	<0.20	<0.20	**0.719**	<2.0	<0.20
Vinyl Chloride	68	ND	D043	0.2	<1.4	<0.14	<0.14	<0.14	<1.4	<0.14

Aqueous Brake Cleaner

				Sample Number	C2J170124001	2054241	2094862	2141698	C2J170217001	2055667	2055668
				Year	2002	2000	2001	2002	2002	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Lackawanna,NY	Morrow,GA	Morrow,GA	Morrow,GA	Nepean,ON	No_ Amityville,NY	No_ Amityville,NY
BNA											
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS											
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	68	3.2	D005	100	1.50	1.47	1.49	0.763	4.90	<0.500	0.964
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	68	ND	D009	0.2	<0.10	<0.10	<0.10	<0.100	<0.100	<0.10	<0.10
Selenium	68	ND	D010	1	<0.008	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	65	>200	D001	140	>200	>200	>200	>200	>200	>200	>200
pH	73	9.93	D002	2-12.5	9.60	9.68	9.72	8.28	9.18	10.71	7.94
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	68	ND	D027	7.5	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Benzene	68	ND	D018	0.5	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	68	ND	D021	100	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Chloroform	68	ND	D022	6	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	68	ND	D035	200	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	68	13.81	D039	0.7	**91.07**	**173**	**207.4**	<0.20	0.427	<0.20	**10.25**
Trichloroethylene	68	0.2	D040	0.5	<2.0	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Vinyl Chloride	68	ND	D043	0.2	<1.4	<1.4	<1.4	<0.14	<0.14	<0.14	<0.14

Aqueous Brake Cleaner

				Sample Number	2055669	2084413	2084414	2084705	2143980
				Year	2000	2001	2001	2001	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY
BNA									
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<0.75
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<0.75
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.10
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<50
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<50
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<0.13	<0.10
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<0.20	<0.25
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.50
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<1.3
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.3
METALS									
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<0.500
Barium	68	3.2	D005	100	5.76	<5.00	7.92	8.83	20.2
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.050
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.050
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<0.400
Mercury	68	ND	D009	0.2	<0.10	<0.0008	<0.040	<0.10	<0.0008
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.750
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.050
Misc									
Flash Point	65	>200	D001	140	>200	>200		>200	**132**
pH	73	9.93	D002	2-12.5	10.56	11.03	9.72	9.87	9.58
VOA									
1,1-Dichloroethylene	68	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<1.0
1,2-Dichloroethane	68	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<1.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<1.0
Benzene	68	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	<1.0
Carbon Tetrachloride	68	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<1.0
Chlorobenzene	68	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<1.0
Chloroform	68	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<1.0
Methyl Ethyl Ketone	68	ND	D035	200	<0.50	4.081	<1.0	<1.0	<2.5
Tetrachloroethylene	68	13.81	D039	0.7	**2.077**	**29.61**	0.448	0.403	**5.96**
Trichloroethylene	68	0.2	D040	0.5	<0.20	<0.20	<0.20	<0.20	<1.0
Vinyl Chloride	68	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<1.0

Aqueous Brake Cleaner

				Sample Number	2143997	2144002	2097540	C2K080285001	2045070	2094376
				Year	2002	2002	2001	2002	2000	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	No_ Amityville,NY	No_ Amityville,NY	Oklahoma City,OK	Oshawa,ON	St_ Charles,MO	St_ Charles,MO
BNA										
2,4,5-Trichlorophenol	68	ND	D041	400	<5.0	<5.0	<5.0	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
2,4,6-Trichlorophenol	68	ND	D042	2	<2.0	<2.0	<2.0	1.1	<<<<<<0.05	<<<<<<0.05
2,4-Dinitrotoluene	68	ND	D030	0.13	<0.13	<0.13	<0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
2-Methylphenol	68	ND	D023	200	<5.0	<5.0	<5.0	0.093	0.094	0.064
3+4-Methylphenol	69	ND	D024/25	200	<5.0	<5.0	<5.0	0.42	0.16	0.14
Hexachlorobenzene	68	ND	D032	0.13	<0.13	<0.13	<0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Hexachlorobutadiene	68	ND	D033	0.5	<0.20	<0.20	<0.20	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Hexachloroethane	68	ND	D034	3	<0.50	<0.50	<0.50	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Nitrobenzene	68	ND	D036	2	<0.40	<0.40	<0.40	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Pentachlorophenol	68	ND	D037	100	<5.0	<5.0	<5.0	<<<<<<3	<<<<<<3	<<<<<<3
Pyridine	68	ND	D038	5	<1.0	<1.0	<1.0	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
METALS										
Arsenic	68	ND	D004	5	<5.00	<5.00	<5.00	0.016	<<<<<<0.01	<<<<<<0.1
Barium	68	3.2	D005	100	6.04	<5.00	11.0	9.3	1.6	6.2
Cadmium	68	ND	D006	1	<0.500	<0.500	<0.500	0.017	0.019	<<<<<<0.05
Chromium	68	ND	D007	5	<0.500	<0.500	<0.500	0.24	0.012	0.077
Lead	68	ND	D008	5	<4.00	<4.00	<4.00	0.17	0.009	0.033
Mercury	68	ND	D009	0.2	<0.040	<0.040	<0.040	0.00063	<<<<<<0.002	<<<<<<0.002
Selenium	68	ND	D010	1	<0.45	<0.45	<0.45	0.013	<<<<<<0.005	<<<<<<0.05
Silver	68	ND	D011	5	<0.500	<0.500	<0.500	<<<<<<0.005	<<<<<<0.005	<<<<<<0.05
Misc										
Flash Point	65	>200	D001	140	>200	>200	>200			>201
pH	73	9.93	D002	2-12.5	9.93	9.88	9.91	9.7		7.9
VOA										
1,1-Dichloroethylene	68	ND	D029	0.7	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
1,4-Dichlorobenzene	68	ND	D027	7.5	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Benzene	68	ND	D018	0.5	<2.0	<2.0	**2.516**	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Chlorobenzene	68	ND	D021	100	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Chloroform	68	ND	D022	6	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Methyl Ethyl Ketone	68	ND	D035	200	<10.0	<10.0	<10.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Tetrachloroethylene	68	13.81	D039	0.7	**438.3**	**552.3**	**367.9**	**90**	0.29	**8.5**
Trichloroethylene	68	0.2	D040	0.5	<2.0	<2.0	<2.0	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5
Vinyl Chloride	68	ND	D043	0.2	<1.4	<1.4	<1.4	<<<<<<2.5	<<<<<<0.2	<<<<<<0.5

Aqueous Brake Cleaner

				Sample Number	2037498	2037514	2037516	2046052	2046053	2083412	2083694	2083703
				Year	2000	2000	2000	2000	2000	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY
BNA												
2,4,5-Trichlorophenol	68	ND	D041	400	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
2,4,6-Trichlorophenol	68	ND	D042	2	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
2,4-Dinitrotoluene	68	ND	D030	0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
2-Methylphenol	68	ND	D023	200	<<<<<<0.05	<<<<<<0.05	0.051	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	0.23	<<<<<<0.05
3+4-Methylphenol	69	ND	D024/25	200	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Hexachlorobenzene	68	ND	D032	0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Hexachlorobutadiene	68	ND	D033	0.5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Hexachloroethane	68	ND	D034	3	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Nitrobenzene	68	ND	D036	2	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
Pentachlorophenol	68	ND	D037	100	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3
Pyridine	68	ND	D038	5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05
METALS												
Arsenic	68	ND	D004	5	<<<<<<0.1	<<<<<<0.1	<<<<<<0.1	<<<<<<0.1	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5
Barium	68	3.2	D005	100	3.2	9.4	20.4	21.8	<<<<<<10	15.5	29.1	32.5
Cadmium	68	ND	D006	1	<<<<<<0.05	0.066	0.14	0.083	<<<<<<0.25	0.28	0.47	0.36
Chromium	68	ND	D007	5	<<<<<<0.05	0.24	0.58	0.48	<<<<<<0.25	1	1.3	0.8
Lead	68	ND	D008	5	<<<<<<0.03	0.16	0.26	0.14	0.17	7	0.56	0.33
Mercury	68	ND	D009	0.2	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002	<<<<<<0.002
Selenium	68	ND	D010	1	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.25	<<<<<<0.25	<<<<<<0.25	<<<<<<0.25
Silver	68	ND	D011	5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.25	<<<<<<0.25	<<<<<<0.25	<<<<<<0.25
Misc												
Flash Point	65	>200	D001	140	148	151	158	151	159	148	151	149
pH	73	9.93	D002	2-12.5	10.2	10.7	10.7	10.6	10.8	10.7	9.9	10.6
VOA												
1,1-Dichloroethylene	68	ND	D029	0.7	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
1,2-Dichloroethane	68	ND	D028	0.5	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
1,4-Dichlorobenzene	68	ND	D027	7.5	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Benzene	68	ND	D018	0.5	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Carbon Tetrachloride	68	ND	D019	0.5	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Chlorobenzene	68	ND	D021	100	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Chloroform	68	ND	D022	6	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Methyl Ethyl Ketone	68	ND	D035	200	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Tetrachloroethylene	68	13.81	D039	0.7	**5.9**	**52**	**48**	**24**	<<<<<<0.2	<<<<<<0.2	**2600**	<<<<<<0.2
Trichloroethylene	68	0.2	D040	0.5	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2
Vinyl Chloride	68	ND	D043	0.2	<<<<<<0.2	<<<<<<2.5	<<<<<<2.5	<<<<<<1.2	<<<<<<0.2	<<<<<<0.2	<<<<<<200	<<<<<<0.2

Aqueous Brake Cleaner

				Sample Number	C2J150260001	C2J150266001	C2J150272001	2138808	2091679	2018163	C2K150382001
				Year	2002	2002	2002	2002	2001	2000	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Syracuse,NY	Syracuse,NY	Syracuse,NY	Tallahassee,FL	Tulsa,OK	Wichita,KS	Wichita,KS
BNA											
2,4,5-Trichlorophenol	68	ND	D041	400	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
2,4,6-Trichlorophenol	68	ND	D042	2	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
2,4-Dinitrotoluene	68	ND	D030	0.13	<<<<<<0.05		<<<<<<0.05	**0.67**	<<<0.05	<<<0.05	**2**
2-Methylphenol	68	ND	D023	200	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
3+4-Methylphenol	69	ND	D024/25	200	<<<<<<0.05		0.05	<<<<<0.05	<<<0.05	<<<0.05	0.17
Hexachlorobenzene	68	ND	D032	0.13	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
Hexachlorobutadiene	68	ND	D033	0.5	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
Hexachloroethane	68	ND	D034	3	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
Nitrobenzene	68	ND	D036	2	<<<<<<0.05		**2.6**	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
Pentachlorophenol	68	ND	D037	100	<<<<<<3		<<<<<<3	<<<<<3	<<<3	<<<3	<<<3
Pyridine	68	ND	D038	5	<<<<<<0.05		<<<<<<0.05	<<<<<0.05	<<<0.05	<<<0.05	<<<0.05
METALS											
Arsenic	68	ND	D004	5	<<<<<<0.5		<<<<<<0.5	<<<<<0.5	<<<0.5	<<<0.5	<<<0.5
Barium	68	3.2	D005	100	<<<<<<10		49.8	<<<<<10	31.1	<<<10	11.4
Cadmium	68	ND	D006	1	<<<<<<0.25		<<<<<<0.25	<<<<<0.25	<<<0.25	<<<0.25	<<<0.25
Chromium	68	ND	D007	5	<<<<<<0.25		1.6	<<<<<0.25	0.57	<<<0.25	<<<0.25
Lead	68	ND	D008	5	0.39		3.1	<<<<<0.15	0.2	<<<0.15	0.24
Mercury	68	ND	D009	0.2	0.0032		<<<<<<0.002	<<<<<0.002	<<<0.002	<<<0.002	<<<0.002
Selenium	68	ND	D010	1	<<<<<<0.25		<<<<<<0.25	<<<<<0.25	<<<0.25	<<<0.25	<<<0.25
Silver	68	ND	D011	5	1.3		<<<<<<0.25	<<<<<0.25	<<<0.25	<<<0.25	<<<0.25
Misc											
Flash Point	65	>200	D001	140		156	143	143	143	149	146
pH	73	9.93	D002	2-12.5	9.8		10.3	11	11	9.9	10.2
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
1,2-Dichloroethane	68	ND	D028	0.5	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
1,4-Dichlorobenzene	68	ND	D027	7.5	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Benzene	68	ND	D018	0.5	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Carbon Tetrachloride	68	ND	D019	0.5	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Chlorobenzene	68	ND	D021	100	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Chloroform	68	ND	D022	6	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Methyl Ethyl Ketone	68	ND	D035	200	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Tetrachloroethylene	68	13.81	D039	0.7	<<<<<<0.2		**0.78**	**40**	<<<0.2	**1.6**	**140**
Trichloroethylene	68	0.2	D040	0.5	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10
Vinyl Chloride	68	ND	D043	0.2	<<<<<<0.2		<<<<<<0.2	<<<<<2.5	<<<0.2	<<<0.2	<<<10

Dry Cleaner Bottoms

				Sample Number	2011425	2013631	2013632	2015455	2015470	2015481	2016045	2017642
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Gering,NE	Denton,TX	Denton,TX	Omaha,NE	Albuquerque,NM	Omaha,NE	Sioux Falls,SD	Grand Island,NE
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
2,4,6-Trichlorophenol	106	ND	D042	2	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
2,4-Dinitrotoluene	106	ND	D030	0.13	<11.418	<0.040	<0.040	<0.50	<8.08	<40	<40	<40
2-Methylphenol	106	ND	D023	200	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
3+4-Methylphenol	106	ND	D024/25	200	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
Hexachlorobenzene	106	ND	D032	0.13	<16.818	<0.040	<0.040	<0.50	<8.08	<40	<40	<40
Hexachlorobutadiene	106	ND	D033	0.5	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
Hexachloroethane	106	ND	D034	3	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
Nitrobenzene	106	ND	D036	2	<20.09	<0.040	<0.040	<2.5	<40.4	<200	<200	<200
Pentachlorophenol	106	ND	D037	100	<20.09	<0.20	<0.20	<2.5	<40.4	<200	<200	<200
Pyridine	106	ND	D038	5	<21.49	<0.040	<0.040	<2.5	<40.4	<200	<210	<210
METALS												
Arsenic	106	ND	D004	5	<0.95	<0.500	<0.500	<5.00	<5	<5.00	<5.00	<5.00
Barium	105	2.23	D005	100	0.64	0.200	0.137	<0.500	0.548	<0.500	1.14	1.10
Cadmium	106	ND	D006	1	0.116	<0.050	<0.050	<0.500	<0.5	<0.500	<0.500	<0.500
Chromium	106	8.7	D007	5	2.544	<0.050	<0.050	<0.500	2.209	<0.500	**18.0**	**14.0**
Lead	106	ND	D008	5	1.58	<0.400	<0.400	<4.00	4.339	<4.00	<4.00	4.28
Mercury	106	0.0339	D009	0.2	0.0339	<0.0008	<0.0008	<0.10	0.0557	**0.246**	**0.238**	0.125
Selenium	106	ND	D010	1	<0.72	<0.750	<0.750	<0.45	<0.008	<0.45	<0.008	<0.45
Silver	106	ND	D011	5	<0.095	<0.050	<0.050	<0.500	<0.5	<0.500	<0.500	<0.500
Misc												
Flash Point	103	>200	D001	140	>200	>200	>200	**135**	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	7.72	4.1	5.9	7.6	6.5	6.9	4.5	6.96
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	**2.2**	<2.0	<2.0	<2.0	<2.4	<40	<40	<40
1,2-Dichloroethane	104	ND	D028	0.5	<2	<2.0	<2.0	<2.0	<2	<20	<20	<20
1,4-Dichlorobenzene	103	ND	D027	7.5	2.43	<2.0	<2.0	<2.0	<2.6	<50	<50	<50
Benzene	104	ND	D018	0.5	<2	<2.0	<2.0	<2.0	<2	<20	<20	<20
Carbon Tetrachloride	104	ND	D019	0.5	<2	<2.0	<2.0	<2.0	<2	<20	<20	<20
Chlorobenzene	104	ND	D021	100	<2	<2.0	<2.0	<2.0	<2	<20	<20	<20
Chloroform	104	ND	D022	6	<2	<2.0	<2.0	<2.0	2.08	<20	<20	<20
Methyl Ethyl Ketone	104	3.4	D035	200	<5	<5.0	<5.0	<5.0	5.44	<50	**382**	124
Tetrachloroethylene	104	23500	D039	0.7	**1427.83**	**173.9**	**156.7**	**412.8**	**29182**	**137000**	**93100**	**89100**
Trichloroethylene	104	ND	D040	0.5	**8.06**	<2.0	<2.0	<2.0	**211.6**	**882**	**81.8**	**84**
Vinyl Chloride	104	ND	D043	0.2	<1.41	<1.4	<1.4	<1.4	<1.42	<15	<15	<15

Dry Cleaner Bottoms

				Sample Number	2018168	2018182	2021394	2025735	2039387	2042970	2045075
				Year	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Wichita,KS	Edwardsville,KS	Fargo,ND	Garden City,GA	Englewood,CO	Sioux Falls,SD	St_ Charles,MO
BNA											
2,4,5-Trichlorophenol	106	ND	D041	400	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
2,4,6-Trichlorophenol	106	ND	D042	2	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
2,4-Dinitrotoluene	106	ND	D030	0.13	<40	<0.10	<40	<0.10	<0.10	<0.10	<0.10
2-Methylphenol	106	ND	D023	200	<200	<0.50	<200	<50	<50	<50	<50
3+4-Methylphenol	106	ND	D024/25	200	<200	<0.50	<200	<50	<50	<50	<50
Hexachlorobenzene	106	ND	D032	0.13	<40	<0.10	<40	<0.10	<0.10	<0.10	<0.10
Hexachlorobutadiene	106	ND	D033	0.5	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
Hexachloroethane	106	ND	D034	3	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	106	ND	D036	2	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol	106	ND	D037	100	<200	<0.50	<200	<0.50	<0.50	<0.50	<0.50
Pyridine	106	ND	D038	5	<200	<0.50	<210	<0.54	<0.54	<0.54	<0.54
METALS											
Arsenic	106	ND	D004	5	<5.00	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500
Barium	105	2.23	D005	100	3.93	0.459	2.76	0.925	0.776	0.244	0.093
Cadmium	106	ND	D006	1	<0.500	<0.050	0.663	<0.050	<0.050	<0.050	<0.050
Chromium	106	8.7	D007	5	**14.2**	0.547	**33.8**	<0.050	0.065	0.706	0.327
Lead	106	ND	D008	5	**8.58**	<0.400	**8.65**	<0.400	<0.400	<0.400	<0.400
Mercury	106	0.0339	D009	0.2	<0.040	0.004	<0.040	<0.0008	0.0009	<0.0008	0.004
Selenium	106	ND	D010	1	<0.008	<0.750	<0.008	<0.750	<0.750	<0.750	<0.750
Silver	106	ND	D011	5	<0.500	<0.050	<0.500	<0.050	<0.050	<0.050	<0.050
Misc											
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	6.34	6.62	6.27	6.8	5.44	6.85	6.82
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<40	<2.0	<40	<2.0	<0.20	<0.20	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<20	<2.0	<20	<2.0	<0.20	<0.20	<2.0
1,4-Dichlorobenzene	103	ND	D027	7.5	<50	<2.0	<50	<2.0	<0.20	<0.20	<2.0
Benzene	104	ND	D018	0.5	<20	<2.0	<20	<2.0	<0.20	<0.20	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<20	<2.0	<20	<2.0	<0.20	<0.20	<2.0
Chlorobenzene	104	ND	D021	100	<20	<2.0	<20	<2.0	<0.20	<0.20	<2.0
Chloroform	104	ND	D022	6	<20	<2.0	<20	<2.0	<0.20	<0.20	<2.0
Methyl Ethyl Ketone	104	3.4	D035	200	<50	<5.0	<50	15.55	<0.50	<0.50	<5.0
Tetrachloroethylene	104	23500	D039	0.7	**94600**	**3203**	**72100**	**649**	**1521**	**183.8**	**393**
Trichloroethylene	104	ND	D040	0.5	**22.1**	<2.0	**34.3**	<2.0	<0.20	<0.20	<2.0
Vinyl Chloride	104	ND	D043	0.2	<15	<1.4	<15	<1.4	<0.14	<0.14	<1.4

Dry Cleaner Bottoms

				Sample Number	2050725	2051059	2054249	2056113	2058622	2060914	2066740	2066955
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Columbus,GA	Pineville,LA	Morrow,GA	Albuquerque,NM	Norcross,GA	Medley,FL	El Monte,CA	Sacramento,CA
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
2,4,6-Trichlorophenol	106	ND	D042	2	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
2,4-Dinitrotoluene	106	ND	D030	0.13	<0.10	<40	<40	<0.10	<40	<0.10	<40	<0.10
2-Methylphenol	106	ND	D023	200	<50	<200	<200	<50	<200	<50	<200	<50
3+4-Methylphenol	106	ND	D024/25	200	<50	<200	<200	<50	<200	<50	<200	<50
Hexachlorobenzene	106	ND	D032	0.13	<0.10	<40	<40	<0.10	<40	<0.10	<40	<0.10
Hexachlorobutadiene	106	ND	D033	0.5	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
Hexachloroethane	106	ND	D034	3	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
Nitrobenzene	106	ND	D036	2	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
Pentachlorophenol	106	ND	D037	100	<0.50	<200	<200	<0.50	<200	<0.50	<200	<0.50
Pyridine	106	ND	D038	5	<0.54	<210	<210	<0.54	<210	<0.54	<210	<0.54
METALS												
Arsenic	106	ND	D004	5	<0.500	<5.00	<5.00	<0.500	<5.00	<5.00	<5.00	<0.500
Barium	105	2.23	D005	100	0.297	3.15	3.05	0.513	1.47	1.25	5.34	0.205
Cadmium	106	ND	D006	1	<0.050	<0.500	<0.500	<0.050	<0.500	<0.500	<0.500	<0.050
Chromium	106	8.7	D007	5	0.073	**8.44**	**14.1**	0.308	**17.2**	<0.500	**46.1**	0.137
Lead	106	ND	D008	5	<0.400	4.45	<4.00	<0.400	<4.00	<4.00	**8.82**	<0.400
Mercury	106	0.0339	D009	0.2	0.002	<0.10	<0.10	0.002	<0.10	<0.10	0.165	<0.0008
Selenium	106	ND	D010	1	<0.750	<0.45	<0.45	<0.750	<0.45	<0.45	<0.45	<0.750
Silver	106	ND	D011	5	<0.050	<0.500	<0.500	<0.050	<0.500	<0.500	0.885	<0.050
Misc												
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	7.54	5.69	5.95	6.91	5.37	5.07	4.57	5.83
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<2.0	<4.0	<0.80	<0.20	<0.80	<0.20	<4.0	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<2.0	<2.0	<0.40	<0.20	<0.40	<0.20	<2.0	<2.0
1,4-Dichlorobenzene	103	ND	D027	7.5	<2.0	**8**	**10.1**	<0.20	**18.9**	<0.20	**15.6**	<2.0
Benzene	104	ND	D018	0.5	<2.0	<2.0	<0.40	<0.20	<0.40	<0.20	<2.0	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<2.0	<2.0	<0.40	<0.20	<0.40	<0.20	<2.0	<2.0
Chlorobenzene	104	ND	D021	100	<2.0	<2.0	<0.40	<0.20	<0.40	<0.20	18.5	<2.0
Chloroform	104	ND	D022	6	<2.0	<2.0	0.94	<0.20	0.81	<0.20	<2.0	<2.0
Methyl Ethyl Ketone	104	3.4	D035	200	<5.0	<5.0	<1.0	<0.50	<1.0	<0.50	<5.0	<5.0
Tetrachloroethylene	104	23500	D039	0.7	**113.9**	**60400**	**94700**	**100.8**	**14200**	**1348**	**102000**	**839.6**
Trichloroethylene	104	ND	D040	0.5	<2.0	**7.3**	**291**	<0.20	**2.4**	**22.02**	**50.2**	<2.0
Vinyl Chloride	104	ND	D043	0.2	<1.4	<1.5	<0.30	<0.14	<0.30	<0.14	<1.5	<1.4

Dry Cleaner Bottoms

				Sample Number	2066957	2066965	2067064	2067120	2067244	2067351	2075117	2078445	2078800
				Year	2000	2000	2000	2000	2000	2000	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Oakland,CA	Los Angeles,CA	Santa Anna,CA	Salida,CA	Fresno,CA	Highland,CA	Gering,NE	Omaha,NE	Fargo,ND
BNA													
2,4,5-Trichlorophenol	106	ND	D041	400	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
2,4,6-Trichlorophenol	106	ND	D042	2	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
2,4-Dinitrotoluene	106	ND	D030	0.13	<0.10	<11.272	<40	<0.10	<0.10	<0.10	<40	<0.50	<0.10
2-Methylphenol	106	ND	D023	200	<50	<92	<200	<50	<50	<50	<200	<250	<50
3+4-Methylphenol	106	ND	D024/25	200	<50	<92	<200	<50	<50	<50	<200	<250	<50
Hexachlorobenzene	106	ND	D032	0.13	<0.10	<11.272	<40	<0.10	<0.10	<0.10	<40	<0.50	<0.10
Hexachlorobutadiene	106	ND	D033	0.5	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
Hexachloroethane	106	ND	D034	3	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
Nitrobenzene	106	ND	D036	2	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
Pentachlorophenol	106	ND	D037	100	<0.50	<56.36	<200	<0.50	<0.50	<0.50	<200	<2.5	<0.50
Pyridine	106	ND	D038	5	<0.54	<60.305	<210	<0.54	<0.54	<0.54	<210	<2.5	<0.54
METALS													
Arsenic	106	ND	D004	5	<0.500	<5.00	<5.00	<0.500	<0.500	<0.500	<5.00	<5.00	<0.500
Barium	105	2.23	D005	100	0.577	2.435	7	0.117	0.173	0.334	3.73	<0.500	0.625
Cadmium	106	ND	D006	1	0.201	0.549	<0.500	<0.050	<0.050	<0.050	**1.60**	<0.500	<0.050
Chromium	106	8.7	D007	5	0.050	**8.158**	31.3	0.448	0.147	0.281	**25.6**	**9.33**	0.109
Lead	106	ND	D008	5	<0.400	4.549	<4.00	<0.400	<0.400	<0.400	**98.9**	**86.3**	0.760
Mercury	106	0.0339	D009	0.2	<0.0008	<0.100	**0.374**	0.0063	0.0011	0.014	**0.23**	<0.10	<0.0008
Selenium	106	ND	D010	1	<0.750	<0.45	<0.45	<0.750	<0.750	<0.750	<0.45	<0.45	<0.750
Silver	106	ND	D011	5	0.052	0.637	0.576	<0.050	<0.050	<0.050	<0.500	<0.500	<0.050
Misc													
Flash Point	103	>200	D001	140	**128**	>200	>200	>200	>200	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	6.99	6.3	6.24	6.14	7.18	6.39	5.58	7.21	6.47
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.20	<3.44		<0.20	<2.0	<0.20	<4.0	<2.0	<0.40
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<2.0		<0.20	<2.0	<0.20	<2.0	<2.0	<0.40
1,4-Dichlorobenzene	103	ND	D027	7.5	<0.20	**10.712**		<0.20	<2.0	<0.20	<5.0	<2.0	<0.40
Benzene	104	ND	D018	0.5	<0.20	<2.0		<0.20	<2.0	<0.20	<2.0	<2.0	<0.40
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<2.0		<0.20	<2.0	<0.20	<2.0	<2.0	<0.40
Chlorobenzene	104	ND	D021	100	<0.20	5.024		<0.20	<2.0	<0.20	<2.0	<2.0	<0.40
Chloroform	104	ND	D022	6	<0.20	<2.0		<0.20	<2.0	<0.20	6.1	<2.0	<0.40
Methyl Ethyl Ketone	104	3.4	D035	200	0.894	<5.0		<0.50	<5.0	<0.50	<5.0	<5.0	<1.0
Tetrachloroethylene	104	23500	D039	0.7	0.399	**71712**		**191**	**358.6**	**9908**	**28000**	**5780**	**59.46**
Trichloroethylene	104	ND	D040	0.5	<0.20	**57.08**		<0.20	<2.0	0.263	**639**	<2.0	<0.40
Vinyl Chloride	104	ND	D043	0.2	<0.14	<1.472		<0.14	<1.4	<0.14	<1.5	<1.4	<0.28

Dry Cleaner Bottoms

				Sample Number	2080693	2081028	2081029	2082217	2083129	2084682	2085443
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Sioux Falls,SD	Lackawanna,NY	Lackawanna,NY	Albuquerque,NM	Grand Island,NE	Garden City,GA	Clackamas,OR
BNA											
2,4,5-Trichlorophenol	106	ND	D041	400	<300	<0.040	<0.040	<0.50	<3.8	<300	<0.15
2,4,6-Trichlorophenol	106	ND	D042	2	<300	<0.040	<0.040	<0.50	<3.8	<300	<0.15
2,4-Dinitrotoluene	106	ND	D030	0.13	<40	<0.0080	<0.0080	<0.10	<0.50	<40	<0.020
2-Methylphenol	106	ND	D023	200	<400	<4.0	<4.0	<50	<5.0	<400	<10.0
3+4-Methylphenol	106	ND	D024/25	200	<500	<4.0	<4.0	<50	<6.3	<500	<10.0
Hexachlorobenzene	106	ND	D032	0.13	<40	<0.0080	<0.0080	<0.10	<0.50	<40	<0.020
Hexachlorobutadiene	106	ND	D033	0.5	<100	<0.040	<0.040	<0.50	<2.5	<200	<0.10
Hexachloroethane	106	ND	D034	3	<200	<0.040	<0.040	<0.50	<2.5	<200	<0.10
Nitrobenzene	106	ND	D036	2	<200	<0.040	<0.040	<0.50	<2.5	<200	<0.10
Pentachlorophenol	106	ND	D037	100	<520	<0.040	<0.040	<0.50	<6.5	<520	<0.26
Pyridine	106	ND	D038	5	<580	<0.043	<0.043	<0.54	<7.3	<580	<0.29
METALS											
Arsenic	106	ND	D004	5	<5.00	<0.500	<0.500	<0.500	<5.00	<5.00	<0.500
Barium	105	2.23	D005	100	0.703	0.179	0.299	0.283	9.50	3.40	0.728
Cadmium	106	ND	D006	1	<0.500	<0.050	<0.050	<0.050	<0.50	<0.500	<0.050
Chromium	106	8.7	D007	5	**14.2**	0.353	0.102	0.542	**21.4**	**17.2**	0.475
Lead	106	ND	D008	5	<4.00	0.890	<0.400	<0.400	**7.31**	<4.00	<0.400
Mercury	106	0.0339	D009	0.2	0.183	0.003	<0.0008	<0.0008	0.112	0.187	0.008
Selenium	106	ND	D010	1	<0.45	<0.750	<0.750	<0.750	<0.008	<0.45	<0.750
Silver	106	ND	D011	5	<0.500	<0.050	<0.050	<0.050	0.790	<0.500	<0.050
Misc											
Flash Point	103	>200	D001	140	>200	**102**	>200	>200	>200	**69**	>200
pH	109	6.2	D002	2-12.5	6.66	5.84	4.58	6.28	2.29	6.30	6.70
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<2.0	<1.0	<1.0	<1.0		<40	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<1.0	<1.0	<1.0	<1.0		<20	<2.0
1,4-Dichlorobenzene	103	ND	D027	7.5	<2.5	<1.0	<1.0	<1.0		<50	<2.0
Benzene	104	ND	D018	0.5	**6.4**	<1.0	<1.0	<1.0		<20	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<1.0	<1.0	<1.0	<1.0		<20	<2.0
Chlorobenzene	104	ND	D021	100	<1.0	<1.0	<1.0	<1.0		<20	<2.0
Chloroform	104	ND	D022	6	<1.0	<1.0	<1.0	<1.0		<20	<2.0
Methyl Ethyl Ketone	104	3.4	D035	200	<2.5	<2.0	<4.0	<2.0		<50	<5.0
Tetrachloroethylene	104	23500	D039	0.7	**13800**	**324**	**346**	**61.3**		**99600**	**401.5**
Trichloroethylene	104	ND	D040	0.5	**318**	**1.99**	<1.0	<1.0		**72.7**	<2.0
Vinyl Chloride	104	ND	D043	0.2	<0.75	<1.0	<1.5	<1.0		<15	<1.4

Dry Cleaner Bottoms

				Sample Number	2087150	2088993	2089018	2089523	2089526	2089535	2089780	2090618
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Fresno,CA	Highland,CA	Wichita,KS	Los Angeles,CA	Salida,CA	El Monte,CA	Columbus,GA	Santa Anna,CA
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<300	<300	<300	<300	<300	<0.15	<300	<300
2,4,6-Trichlorophenol	106	ND	D042	2	<300	<300	<300	<300	<300	<0.15	<300	<300
2,4-Dinitrotoluene	106	ND	D030	0.13	<40	<40	<40	<40	<40	<0.020	<40	<40
2-Methylphenol	106	ND	D023	200	<400	<400	<400	<400	<400	<10.0	<400	<400
3+4-Methylphenol	106	ND	D024/25	200	<500	<500	<500	<500	<500	<10.0	<500	<500
Hexachlorobenzene	106	ND	D032	0.13	<40	<40	<40	<40	<40	<0.020	<40	<40
Hexachlorobutadiene	106	ND	D033	0.5	<200	<100	<200	<100	<100	<0.050	<100	<100
Hexachloroethane	106	ND	D034	3	<200	<200	<200	<200	<200	<0.10	<200	<200
Nitrobenzene	106	ND	D036	2	<200	<200	<200	<200	<200	<0.10	<200	<200
Pentachlorophenol	106	ND	D037	100	<520	<520	<520	<520	<520	<0.26	<520	<520
Pyridine	106	ND	D038	5	<580	<580	<580	<580	<580	<0.29	<580	<580
METALS												
Arsenic	106	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500	<5.00	<5.00
Barium	105	2.23	D005	100	2.23	3.08	1.62	1.08	<0.500	0.668	0.785	3.69
Cadmium	106	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050	<0.500	<0.500
Chromium	106	8.7	D007	5	**9.75**	**26.1**	**9.08**	**13.6**	<0.500	0.109	**11.3**	**25.7**
Lead	106	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<0.400	<4.00	<4.00
Mercury	106	0.0339	D009	0.2	0.199	<0.10	<0.10	0.114	0.172	<0.0008	0.145	0.146
Selenium	106	ND	D010	1	<0.45	0.870	0.470	<0.45	<0.45	<0.750	<0.45	<0.45
Silver	106	ND	D011	5	<0.500	0.739	<0.500	<0.500	<0.500	<0.050	<0.500	<0.500
Misc												
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	5.99	5.98	5.27	3.76	6.84	4.04	3.37	4.70
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<2.0	<4.0	<4.0	**43.1**	<2.0	<2.0	<40	<40
1,2-Dichloroethane	104	ND	D028	0.5	<1.0	<2.0	<2.0	<20	<1.0	<2.0	<20	<20
1,4-Dichlorobenzene	103	ND	D027	7.5	**8.4**	<5.0	**7.7**	<50	4.6	<2.0	**123**	**173**
Benzene	104	ND	D018	0.5	<1.0	**4.4**	<2.0	**25.1**	<1.0	<2.0	<20	<20
Carbon Tetrachloride	104	ND	D019	0.5	<1.0	<2.0	<2.0	<20	**1.7**	<2.0	<20	<20
Chlorobenzene	104	ND	D021	100	18.2	<2.0	<2.0	**452**	<1.0	<2.0	<20	**174**
Chloroform	104	ND	D022	6	<1.0	<2.0	<2.0	<20	1	<2.0	<20	<20
Methyl Ethyl Ketone	104	3.4	D035	200	3.4	38.5	11.2	91	6.8	<5.0	96.2	62.2
Tetrachloroethylene	104	23500	D039	0.7	**119000**	**15600**	**32500**	**189000**	**23700**	**520.2**	**238000**	**278000**
Trichloroethylene	104	ND	D040	0.5	**381**	**9.8**	**7.9**	**4520**	**349**	<2.0	**547**	**1130**
Vinyl Chloride	104	ND	D043	0.2	<0.75	<1.5	<1.5	<15	<0.75	<1.4	<15	<15

Dry Cleaner Bottoms

				Sample Number	2091969	2092412	2094370	2094858	2095419	2096461	2096699	2097091
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sacramento,CA	Tulsa,OK	Pineville,LA	Morrow,GA	Englewood,CO	Dodge City,KS	Medley,FL	Oklahoma City,OK
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<300	<300	<0.15	<300	<0.15	<0.15	<300	<300
2,4,6-Trichlorophenol	106	ND	D042	2	<300	<300	<0.15	<300	<0.15	<0.15	<300	<300
2,4-Dinitrotoluene	106	ND	D030	0.13	<40	<40	<0.020	<40	<0.020	<0.020	<40	<40
2-Methylphenol	106	ND	D023	200	<400	<400	<10.0	<400	<10.0	<10.0	<400	<400
3+4-Methylphenol	106	ND	D024/25	200	<500	<500	<10.0	<400	<10.0	<10.0	<400	<400
Hexachlorobenzene	106	ND	D032	0.13	<40	<40	<0.020	<40	<0.020	<0.020	<40	<40
Hexachlorobutadiene	106	ND	D033	0.5	<200	<100	<0.050	<200	<0.050	<0.050	<100	<200
Hexachloroethane	106	ND	D034	3	<200	<200	<0.10	<200	<0.10	<0.10	<200	<200
Nitrobenzene	106	ND	D036	2	<200	<200	<0.10	<200	<0.10	<0.10	<200	<200
Pentachlorophenol	106	ND	D037	100	<520	<520	<0.26	<520	<0.26	<0.26	<520	<520
Pyridine	106	ND	D038	5	<580	<580	<0.25	<500	<0.25	<0.25	<500	<500
METALS												
Arsenic	106	ND	D004	5	<5.00	<5.00	<0.500	<5.00	<0.500	<0.500	<5.00	<5.00
Barium	105	2.23	D005	100	2.15	2.43	0.159	1.96	0.210	0.677	0.873	5.07
Cadmium	106	ND	D006	1	<0.500	<0.500	0.085	<0.500	<0.050	<0.050	<0.500	<0.500
Chromium	106	8.7	D007	5	**17.0**	**12.1**	0.105	**19.0**	<0.050	**46.6**	**17.0**	11.7
Lead	106	ND	D008	5	<4.00	<4.00	<0.400	<4.00	<0.400	0.453	<4.00	4.55
Mercury	106	0.0339	D009	0.2	0.122	0.139	<0.0008	0.108	<0.0008	0.007	0.106	<0.10
Selenium	106	ND	D010	1	<0.45	<0.45	<0.750	<0.45	<0.750	<0.750	<0.45	<0.45
Silver	106	ND	D011	5	<0.500	<0.500	<0.050	<0.500	<0.050	<0.050	<0.500	<0.500
Misc												
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	5.75	6.30	7.36	6.22	3.82	5.28	6.59	5.72
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<4.0	<1.6	<2.0	<4.0	<2.0	<2.0	<2.0	<4.0
1,2-Dichloroethane	104	ND	D028	0.5	<2.0	<0.80	<2.0	<2.0	<2.0	<2.0	<1.0	<2.0
1,4-Dichlorobenzene	103	ND	D027	7.5	<5.0	2.8	<2.0	**8.9**	<2.0	<2.0	**17.7**	<5.0
Benzene	104	ND	D018	0.5	<2.0	<0.80	<2.0	<2.0	<2.0	<2.0	<1.0	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<2.0	1	<2.0	<2.0	<2.0	<2.0	<1.0	<2.0
Chlorobenzene	104	ND	D021	100	2.6	<0.80	<2.0	<2.0	<2.0	<2.0	20.9	<2.0
Chloroform	104	ND	D022	6	<2.0	**85.1**	<2.0	<2.0	<2.0	<2.0	<1.0	<2.0
Methyl Ethyl Ketone	104	3.4	D035	200	17.2	6.2	<5.0	<5.0	<5.0	<5.0	41.4	<5.0
Tetrachloroethylene	104	23500	D039	0.7	**44000**	**23500**	**81.36**	**52100**	**75.95**	**996.5**	**26600**	**17400**
Trichloroethylene	104	ND	D040	0.5	**18**	**192**	<2.0	**42.8**	<2.0	<2.0	**94.5**	**4.5**
Vinyl Chloride	104	ND	D043	0.2	<1.5	<0.60	<1.4	<1.5	<1.4	<1.4	<0.75	<1.5

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				Sample Number	2097327	2098942	2099681	2106935	2118893	2120224	2122011	2122338
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Avon,NY	Greer,SC	Rohnert Park,CA	Oakland,CA	Rohnert Park,CA	Highland,CA	Santa Anna,CA	Fresno,CA
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<0.15	<15.1425	<300	<0.15	<0.15	<0.15	<0.15	<0.15
2,4,6-Trichlorophenol	106	ND	D042	2	<0.15	<15.1425	<300	<0.15	<0.15	<0.15	<0.15	<0.15
2,4-Dinitrotoluene	106	ND	D030	0.13	<0.020	<2.019	<40	<0.020	<0.020	<0.020	<0.020	<0.020
2-Methylphenol	106	ND	D023	200	<10.0	<29.5	<400	<10.0	<10.0	<10.0	<10.0	<10.0
3+4-Methylphenol	106	ND	D024/25	200	<10.0	<29.5	<400	<10.0	<10.0	<10.0	<10.0	<10.0
Hexachlorobenzene	106	ND	D032	0.13	<0.020	<2.019	<40	<0.020	<0.020	<0.020	<0.020	<0.020
Hexachlorobutadiene	106	ND	D033	0.5	<0.050	<10.095	<200	<0.050	<0.10	<0.050	<0.10	<0.10
Hexachloroethane	106	ND	D034	3	<0.10	<10.095	<200	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrobenzene	106	ND	D036	2	<0.10	<10.095	<200	<0.10	<0.10	<0.10	<0.10	<0.10
Pentachlorophenol	106	ND	D037	100	<0.26	<26.247	<520	<0.26	<0.26	<0.26	<0.26	<0.26
Pyridine	106	ND	D038	5	<0.25	<25.2375	<500	<0.25	<0.25	<0.25	<0.25	<0.25
METALS												
Arsenic	106	ND	D004	5	<0.500	<0.725	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	105	2.23	D005	100	0.145	0.618	3.63	0.184	0.052	0.100	0.413	0.199
Cadmium	106	ND	D006	1	<0.050	<0.0725	<0.500	<0.050	<0.050	<0.050	<0.050	<0.050
Chromium	106	8.7	D007	5	0.424	0.831	**11.2**	0.319	0.095	0.367	0.105	0.158
Lead	106	ND	D008	5	<0.400	1.187	**5.34**	<0.400	<0.400	<0.400	<0.400	<0.400
Mercury	106	0.0339	D009	0.2	<0.0008	<0.00576	0.105	<0.0008	<0.0008	0.004	0.001	0.003
Selenium	106	ND	D010	1	<0.750	<0.735	<0.45	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	106	ND	D011	5	<0.050	<0.0725	<0.500	<0.050	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	103	>200	D001	140	160	>200	>200	>200	>200	>200	157	137
pH	109	6.2	D002	2-12.5	6.81	5.70	6.59	7.11	5.73	9.63	6.55	6.65
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<0.20	<1.952	<4.0	<0.20	<2.0	<0.20	<2.0	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<1.936	<2.0	<0.20	<2.0	<0.20	<2.0	<2.0
1,4-Dichlorobenzene	103	ND	D027	7.5	<0.20	<1.96	<5.0	<0.20	<2.0	<0.20	<2.0	<2.0
Benzene	104	ND	D018	0.5	<0.20	<1.936	<2.0	<0.20	<2.0	<0.20	<2.0	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<1.936	<2.0	<0.20	<2.0	<0.20	<2.0	<2.0
Chlorobenzene	104	ND	D021	100	<0.20	2.632	7.4	<0.20	<2.0	0.489	<2.0	<2.0
Chloroform	104	ND	D022	6	<0.20	<1.936	<2.0	<0.20	<2.0	<0.20	<2.0	<2.0
Methyl Ethyl Ketone	104	3.4	D035	200	<0.50	<4.84	7.4	<1.0	<10.0	<1.0	<10.0	<10.0
Tetrachloroethylene	104	23500	D039	0.7	<0.20	**37355.2**	**42000**	**909.4**	**137.1**	**3140**	**115.4**	**1230**
Trichloroethylene	104	ND	D040	0.5	<0.20	**3.164**	**107**	<0.20	**2.28**	<0.20	<2.0	<2.0
Vinyl Chloride	104	ND	D043	0.2	<0.14	<1.356	<1.5	<0.14	<1.4	<0.14	<1.4	<1.4

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				Sample Number	2122887	2123633	2126770	2131638	2138070	2138281	2139779	2139799
				Year	2001	2001	2001	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	El Monte,CA	Oakland,CA	Salida,CA	Los Angeles,CA	Medley,FL	Greer,SC	Garden City,GA	Los Angeles,CA
BNA												
2,4,5-Trichlorophenol	106	ND	D041	400	<0.75	<0.15	<0.75	<300	<300	<300	<0.15	<0.15
2,4,6-Trichlorophenol	106	ND	D042	2	<0.75	<0.15	<0.75	<300	<300	<300	<0.15	<0.15
2,4-Dinitrotoluene	106	ND	D030	0.13	<0.10	<0.020	<0.10	<40	<40	<40	<0.020	<0.020
2-Methylphenol	106	ND	D023	200	<50	<10.0	<50	<400	<400	<400	<10.0	<10.0
3+4-Methylphenol	106	ND	D024/25	200	<50	<10.0	<50	<400	<400	<400	<10.0	<10.0
Hexachlorobenzene	106	ND	D032	0.13	<0.10	<0.020	<0.10	<40	<40	<40	<0.020	<0.020
Hexachlorobutadiene	106	ND	D033	0.5	<0.50	<0.10	<0.25	<200	<100	<200	<0.050	<0.050
Hexachloroethane	106	ND	D034	3	<0.50	<0.10	<0.50	<200	<200	<200	<0.10	<0.10
Nitrobenzene	106	ND	D036	2	<0.50	<0.10	<0.50	<200	<200	<2000	<0.10	<0.10
Pentachlorophenol	106	ND	D037	100	<1.3	<0.26	<1.3	<520	<520	<520	<0.26	<0.26
Pyridine	106	ND	D038	5	<1.3	<0.25	<1.3	<500	<500	<500	<0.25	<0.25
METALS												
Arsenic	106	ND	D004	5	<0.500	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500	<0.500
Barium	105	2.23	D005	100	2.43	1.13	<0.500	4.13	6.19	<5.00	<0.500	<0.500
Cadmium	106	ND	D006	1	<0.050	<0.500	<0.500	<0.500	<0.500	0.662	<0.050	<0.050
Chromium	106	8.7	D007	5	0.391	<0.500	<0.500	**9.50**	**16.5**	**22.3**	0.211	0.330
Lead	106	ND	D008	5	<0.400	<4.00	<4.00	<4.00	<4.00	4.50	<0.400	<0.400
Mercury	106	0.0339	D009	0.2	0.003	<0.10	<0.10	0.192	0.174	0.087	0.0009	0.003
Selenium	106	ND	D010	1	<0.750	<0.45	<0.45	<0.45	<0.45	<0.45	<0.750	<0.750
Silver	106	ND	D011	5	0.129	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050	<0.050
Misc												
Flash Point	103	>200	D001	140	169	>200	>200	169	>200	>200	>200	>200
pH	109	6.2	D002	2-12.5	5.02	6.22	5.66	6.17	4.22	4.38	4.80	5.25
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<2.0	<0.20	<0.20	7	<0.80	<8.0	<0.20	<0.20
1,2-Dichloroethane	104	ND	D028	0.5	<2.0	<0.20	<0.20	<0.40	<0.40	<4.0	<0.20	<0.20
1,4-Dichlorobenzene	103	ND	D027	7.5	<2.0	<0.20	<0.20	6.2	5.4	<10.0	<0.20	<0.20
Benzene	104	ND	D018	0.5	<2.0	<0.20	<0.20	<0.40	<0.40	<4.0	<0.20	<0.20
Carbon Tetrachloride	104	ND	D019	0.5	<2.0	<0.20	<0.20	<0.40	<0.40	<4.0	<0.20	<0.20
Chlorobenzene	104	ND	D021	100	<2.0	<0.20	<0.20	26.4	<0.40	<4.0	<0.20	<0.20
Chloroform	104	ND	D022	6	<2.0	<0.20	<0.20	<0.40	4.4	<4.0	<0.20	<0.20
Methyl Ethyl Ketone	104	3.4	D035	200	<10.0	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0
Tetrachloroethylene	104	23500	D039	0.7	**376.8**	**104.3**	**1860**	**23800**	**265000**	**67300**	**551.3**	**618.9**
Trichloroethylene	104	ND	D040	0.5	<2.0	<0.20	<0.20	**33.6**	**363**	**5.5**	<0.20	<0.20
Vinyl Chloride	104	ND	D043	0.2	<1.4	<0.14	<0.14	<0.30	<0.30	<3.0	<0.14	<0.14

Dry Cleaner Bottoms

				Sample Number	2139976	2140178	2140182	2140435	2140478	2141141	2141471	2141679	2142077
				Year	2002	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Columbus,GA	Salida,CA	Salida,CA	Fresno,CA	El Monte,CA	Norcross,GA	Oakland,CA	Morrow,GA	Highland,CA
BNA													
2,4,5-Trichlorophenol	106	ND	D041	400	<300	<0.75	<0.75	<300	<0.75	<0.15	<0.75	<0.15	<300
2,4,6-Trichlorophenol	106	ND	D042	2	<300	<0.75	<0.75	<300	<0.75	<0.15	<0.75	<0.15	<300
2,4-Dinitrotoluene	106	ND	D030	0.13	<40	<0.10	<0.10	<40	<0.10	<0.020	<0.10	<0.020	<40
2-Methylphenol	106	ND	D023	200	<400	<50	<50	<400	<50	<10.0	<50	<10.0	<400
3+4-Methylphenol	106	ND	D024/25	200	<400	<50	<50	<400	<50	<10.0	<50	<10.0	<400
Hexachlorobenzene	106	ND	D032	0.13	<40	<0.10	<0.10	<40	<0.10	<0.020	<0.10	<0.020	<40
Hexachlorobutadiene	106	ND	D033	0.5	<100	<0.25	<0.25	<100	<0.25	<0.10	<0.25	<0.050	<200
Hexachloroethane	106	ND	D034	3	<200	<0.50	<0.50	<200	<0.50	<0.10	<0.50	<0.10	<200
Nitrobenzene	106	ND	D036	2	<200	<0.50	<0.50	<200	<0.50	<0.10	<0.50	<0.10	<200
Pentachlorophenol	106	ND	D037	100	<520	<1.3	<1.3	<520	<1.3	<0.26	<1.3	<0.26	<520
Pyridine	106	ND	D038	5	<500	<1.3	<1.3	<500	<1.3	<0.25	<1.3	<0.25	<500
METALS													
Arsenic	106	ND	D004	5	<5.00	<0.500	<0.500	<5.00	<5.00	<0.500	<0.500	<0.500	<5.00
Barium	105	2.23	D005	100	<5.00	<0.500	<0.500	<5.0	<5.00	<0.500	0.556	<0.500	<5.00
Cadmium	106	ND	D006	1	<0.500	<0.050	<0.050	<0.500	<0.500	<0.050	<0.050	<0.050	<0.500
Chromium	106	8.7	D007	5	**9.58**	<0.050	<0.050	**19.4**	<0.500	0.097	0.475	0.094	**13.0**
Lead	106	ND	D008	5	<4.00	<0.400	<0.400	**9.43**	<4.00	<0.400	<0.400	<0.400	<4.00
Mercury	106	0.0339	D009	0.2	0.148	0.003	0.001	<0.10	<0.10	<0.0008	0.004	<0.0008	**0.248**
Selenium	106	ND	D010	1	<0.45	<0.750	<0.750	<0.45	<0.45	<0.750	<0.750	<0.750	<0.45
Silver	106	ND	D011	5	<0.500	<0.050	<0.050	<0.500	<0.500	<0.050	<0.050	<0.050	<0.500
Misc													
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	**102**	>200
pH	109	6.2	D002	2-12.5	3.98	5.59	5.93	6.03	6.84	6.69	5.00	3.16	4.58
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.80	<2.0	<2.0	<4.0	<0.10	<0.20	<1.0	<0.20	**3.9**
1,2-Dichloroethane	104	ND	D028	0.5	<0.40	<2.0	<2.0	<2.0	<0.10	<0.20	<1.0	<0.20	<0.20
1,4-Dichlorobenzene	103	ND	D027	7.5	**16.2**	<2.0	<2.0	**7.8**	<0.10	<0.20	<1.0	<0.20	4.3
Benzene	104	ND	D018	0.5	<0.40	<2.0	<2.0	<2.0	<0.10	<0.20	<1.0	<0.20	<0.20
Carbon Tetrachloride	104	ND	D019	0.5	<0.40	<2.0	<2.0	<2.0	<0.20	<0.20	<1.0	<0.20	<0.20
Chlorobenzene	104	ND	D021	100	<0.40	<2.0	<2.0	32.2	<0.10	<0.20	<1.0	<0.20	**128**
Chloroform	104	ND	D022	6	<0.40	<2.0	<2.0	<2.0	<0.10	<0.20	<1.0	<0.20	0.35
Methyl Ethyl Ketone	104	3.4	D035	200	<1.0	<10.0	<10.0	<5.0	<0.10	<1.0	<2.5	<1.0	<0.50
Tetrachloroethylene	104	23500	D039	0.7	**21200**	**46.78**	**140.1**	**39200**	**141.2**	**74.76**	**625**	**93.29**	**15400**
Trichloroethylene	104	ND	D040	0.5	37.7	<2.0	<2.0	**25.8**	<0.10	<0.20	<1.0	<0.20	3.2
Vinyl Chloride	104	ND	D043	0.2	<0.30	<1.4	<1.4	<1.5	<0.10	<0.14	<1.0	<0.14	<0.15

Dry Cleaner Bottoms

				Sample Number	2142089	2142996	2145246	2145824	C2F210329002	C2F210329003	C2F210329003R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Macon,GA	Santa Anna,CA	Rohnert Park,CA	Englewood,CO	Pineville,LA	Pineville,LA	Pineville,LA
BNA											
2,4,5-Trichlorophenol	106	ND	D041	400	<0.15	<42.129	<0.75	<0.15		<<<<<<20	
2,4,6-Trichlorophenol	106	ND	D042	2	<0.15	<42.129	<0.75	<0.15		<<<<<<20	
2,4-Dinitrotoluene	106	ND	D030	0.13	<0.020	<5.6172	<0.10	<0.020		<<<<<<20	
2-Methylphenol	106	ND	D023	200	<10.0	<64.6	<50	<10.0		<<<<<<20	
3+4-Methylphenol	106	ND	D024/25	200	<10.0	<64.6	<50	<10.0		<<<<<<20	
Hexachlorobenzene	106	ND	D032	0.13	<0.020	<5.6172	<0.10	<0.020		<<<<<<20	
Hexachlorobutadiene	106	ND	D033	0.5	<0.050	<28.043	<0.50	<0.10		<<<<<<20	
Hexachloroethane	106	ND	D034	3	<0.10	<28.086	<0.50	<0.10		<<<<<<20	
Nitrobenzene	106	ND	D036	2	<0.10	<28.086	<0.50	<0.10		<<<<<<20	
Pentachlorophenol	106	ND	D037	100	<0.26	<73.0236	<1.3	<0.26		<<<<<<1200	
Pyridine	106	ND	D038	5	<0.25	<70.215	<1.3	<0.25		<<<<<<20	
METALS											
Arsenic	106	ND	D004	5	<5.00	<1.13	<0.500	<0.500		<<<<<<1	
Barium	105	2.23	D005	100	<5.00		<0.500	<0.500		<<<<<<20	
Cadmium	106	ND	D006	1	<0.500	<0.113	<0.050	<0.050		0.54	
Chromium	106	8.7	D007	5	<0.500	**197.6**	0.709	0.159		**16.4**	
Lead	106	ND	D008	5	<4.00	1.027	<0.400	<0.400		**50**	
Mercury	106	0.0339	D009	0.2	<0.040	0.019	0.004	<0.0008		<<<<<<0.033	
Selenium	106	ND	D010	1	<0.45	<0.708	<0.750	<0.750		<<<<<<0.5	
Silver	106	ND	D011	5	<0.500	0.108	<0.050	<0.050		1.4	
Misc											
Flash Point	103	>200	D001	140	>200	>200	>200	>200	>180		
pH	109	6.2	D002	2-12.5	6.07	5.40	6.36	4.64	6.4		
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<1.0	0.166	<2.0	<0.20			<<<<<<2500
1,2-Dichloroethane	104	ND	D028	0.5	<1.0	<0.113	<2.0	<0.20			<<<<<<2500
1,4-Dichlorobenzene	103	ND	D027	7.5	<1.0	1.647	<2.0	<0.20			<<<<<<2500
Benzene	104	ND	D018	0.5	<1.0	<0.113	<2.0	<0.20			<<<<<<2500
Carbon Tetrachloride	104	ND	D019	0.5	<1.0	<0.113	<2.0	<0.20			<<<<<<2500
Chlorobenzene	104	ND	D021	100	<1.0	1.153	<2.0	<0.20			<<<<<<2500
Chloroform	104	ND	D022	6	<1.0	0.117	<2.0	<0.20			<<<<<<10000
Methyl Ethyl Ketone	104	3.4	D035	200	<2.5	<0.2825	<10.0	<1.0			<<<<<<2500
Tetrachloroethylene	104	23500	D039	0.7	**8177**	**1588**	**4979**	**87.16**			**270000**
Trichloroethylene	104	ND	D040	0.5	<1.0	**1.82**	<2.0	<0.20			<<<<<<2500
Vinyl Chloride	104	ND	D043	0.2	<1.0	<0.1065	<1.4	<0.14			<<<<<<1000

Dry Cleaner Bottoms

				Sample Number	C2G090250001	C2G090250001X	C2G160289001	C2G160289001R2	C2G160289001X	C2I250326001	C2I250326002
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Albuquerque,NM	Albuquerque,NM	Dodge City,KS	Dodge City,KS	Dodge City,KS	Boise,ID	Boise,ID
BNA											
2,4,5-Trichlorophenol	106	ND	D041	400	<<<<<<20		<<<<<<20			21	
2,4,6-Trichlorophenol	106	ND	D042	2	<<<<<<20		<<<<<<20			<<<<<<20	
2,4-Dinitrotoluene	106	ND	D030	0.13	<<<<<<20		**20**			<<<<<<20	
2-Methylphenol	106	ND	D023	200	<<<<<<20		44			<<<<<<20	
3+4-Methylphenol	106	ND	D024/25	200	<<<<<<20		<<<<<<20			33	
Hexachlorobenzene	106	ND	D032	0.13	<<<<<<20		<<<<<<20			<<<<<<20	
Hexachlorobutadiene	106	ND	D033	0.5	<<<<<<20		<<<<<<20			<<<<<<20	
Hexachloroethane	106	ND	D034	3	<<<<<<20		<<<<<<20			<<<<<<20	
Nitrobenzene	106	ND	D036	2	<<<<<<20		<<<<<<20			<<<<<<20	
Pentachlorophenol	106	ND	D037	100	<<<<<<600		<<<<<<600			<<<<<<600	
Pyridine	106	ND	D038	5	<<<<<<20		<<<<<<20			<<<<<<20	
METALS											
Arsenic	106	ND	D004	5	<<<<<<1		<<<<<<1			<<<<<<1	
Barium	105	2.23	D005	100	<<<<<<20		20.3			<<<<<<20	
Cadmium	106	ND	D006	1	<<<<<<0.5		0.72			<<<<<<0.5	
Chromium	106	8.7	D007	5	**13.4**		**32.8**			**7.5**	
Lead	106	ND	D008	5	1.4		**13.7**			4.5	
Mercury	106	0.0339	D009	0.2	<<<<<<0.033		<<<<<<0.033			<<<<<<0.033	
Selenium	106	ND	D010	1	0.56		<<<<<<0.5			<<<<<<0.5	
Silver	106	ND	D011	5	0.87		1.3			<<<<<<0.5	
Misc											
Flash Point	103	>200	D001	140	>200				>201	153	
pH	109	6.2	D002	2-12.5		8.7	7.2			6	
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<<<<<<12000		<<<<<<500				<<<<<<0.5
1,2-Dichloroethane	104	ND	D028	0.5	<<<<<<12000		<<<<<<500				<<<<<<0.5
1,4-Dichlorobenzene	103	ND	D027	7.5	<<<<<<12000		<<<<<<500				0.7
Benzene	104	ND	D018	0.5	<<<<<<12000		<<<<<<500				<<<<<<0.5
Carbon Tetrachloride	104	ND	D019	0.5	<<<<<<12000		<<<<<<500				<<<<<<0.5
Chlorobenzene	104	ND	D021	100	<<<<<<12000		<<<<<<500				<<<<<<0.5
Chloroform	104	ND	D022	6	<<<<<<50000		<<<<<<2000				<<<<<<2
Methyl Ethyl Ketone	104	3.4	D035	200	<<<<<<12000		<<<<<<500				<<<<<<0.5
Tetrachloroethylene	104	23500	D039	0.7	**1100000**			**660000**			**420000**
Trichloroethylene	104	ND	D040	0.5	<<<<<<12000		<<<<<<500				170
Vinyl Chloride	104	ND	D043	0.2	<<<<<<5000		<<<<<<200				<<<<<<0.2

Dry Cleaner Bottoms

				Sample Number	C2J010152001	C2J300289001	C2J300289001R2	C2K130112001	C2K130112001R2	C2K130114001
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Clackamas,OR	St_ Charles,MO	St_ Charles,MO	Grand Island,NE	Grand Island,NE	Grand Island,NE
BNA										
2,4,5-Trichlorophenol	106	ND	D041	400	59	<<<<<<20		<<20		<<0.05
2,4,6-Trichlorophenol	106	ND	D042	2	<<<<<20	<<<<<<20		<<20		<<0.05
2,4-Dinitrotoluene	106	ND	D030	0.13	<<<<<20	<<<<<<20		<<20		<<0.05
2-Methylphenol	106	ND	D023	200	56	<<<<<<20		<<20		<<0.05
3+4-Methylphenol	106	ND	D024/25	200	75	<<<<<<20		<<20		1.1
Hexachlorobenzene	106	ND	D032	0.13	<<<<<20	<<<<<<20		<<20		<<0.05
Hexachlorobutadiene	106	ND	D033	0.5	<<<<<20	<<<<<<20		<<20		<<0.05
Hexachloroethane	106	ND	D034	3	<<<<<20	<<<<<<20		<<20		<<0.05
Nitrobenzene	106	ND	D036	2	<<<<<20	<<<<<<20		<<20		<<0.05
Pentachlorophenol	106	ND	D037	100	<<<<<600	<<<<<<600		<<600		<<3
Pyridine	106	ND	D038	5	**29**	<<<<<<20		<<20		<<0.05
METALS										
Arsenic	106	ND	D004	5	<<<<<1	<<<<<<1		<<1		<<1
Barium	105	2.23	D005	100	<<<<<20	<<<<<<20		<<20		<<20
Cadmium	106	ND	D006	1	<<<<<0.5	<<<<<<0.5		<<0.5		<<0.5
Chromium	106	8.7	D007	5	0.55	**7.6**		**13.3**		<<0.5
Lead	106	ND	D008	5	<<<<<0.3	1.8		4		<<0.3
Mercury	106	0.0339	D009	0.2	<<<<<0.033	<<<<<<0.033		<<0.033		<<0.033
Selenium	106	ND	D010	1	<<<<<0.5	0.64		0.52		<<0.5
Silver	106	ND	D011	5	<<<<<0.5	<<<<<<0.5		<<0.5		<<0.5
Misc										
Flash Point	103	>200	D001	140	>201			142		140
pH	109	6.2	D002	2-12.5	3.2			6.4		6.4
VOA										
1,1-Dichloroethylene	104	ND	D029	0.7	<<<<<2.5		<<<<<<10000		<<10000	<<12
1,2-Dichloroethane	104	ND	D028	0.5	<<<<<2.5		<<<<<<10000		<<10000	<<12
1,4-Dichlorobenzene	103	ND	D027	7.5			<<<<<<10000		<<10000	<<12
Benzene	104	ND	D018	0.5	<<<<<2.5		<<<<<<10000		<<10000	<<12
Carbon Tetrachloride	104	ND	D019	0.5	<<<<<2.5		<<<<<<10000		<<10000	<<12
Chlorobenzene	104	ND	D021	100	<<<<<2.5		<<<<<<10000		<<10000	<<12
Chloroform	104	ND	D022	6	<<<<<2.5		<<<<<<40000		<<40000	<<13
Methyl Ethyl Ketone	104	3.4	D035	200	<<<<<2.5		<<<<<<10000		<<10000	<<12
Tetrachloroethylene	104	23500	D039	0.7	**57**		**960000**		**1400000**	**21000**
Trichloroethylene	104	ND	D040	0.5	<<<<<2.5		<<<<<<10000		<<10000	<<12
Vinyl Chloride	104	ND	D043	0.2	<<<<<5		<<<<<<4000		<<4000	<<12

Dry Cleaner Bottoms

				Sample Number	C2K130147001	C2K130147002	C2K130147002R2	C2K130174001	C2K130174001R2	C2K130244001
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sacramento,CA	Sacramento,CA	Sacramento,CA	Rohnert Park,CA	Rohnert Park,CA	Los Angeles,CA
BNA										
2,4,5-Trichlorophenol	106	ND	D041	400		<<<20		<<<<<<20		<<<<<20
2,4,6-Trichlorophenol	106	ND	D042	2		<<<20		<<<<<<20		<<<<<20
2,4-Dinitrotoluene	106	ND	D030	0.13		<<<20		<<<<<<20		<<<<<20
2-Methylphenol	106	ND	D023	200		<<<20		<<<<<<20		<<<<<20
3+4-Methylphenol	106	ND	D024/25	200		<<<20		<<<<<<20		<<<<<20
Hexachlorobenzene	106	ND	D032	0.13		<<<20		<<<<<<20		<<<<<20
Hexachlorobutadiene	106	ND	D033	0.5		<<<20		<<<<<<20		<<<<<20
Hexachloroethane	106	ND	D034	3		<<<20		<<<<<<20		<<<<<20
Nitrobenzene	106	ND	D036	2		<<<20		<<<<<<20		<<<<<20
Pentachlorophenol	106	ND	D037	100		<<<600		<<<<<<600		<<<<<600
Pyridine	106	ND	D038	5		<<<20		<<<<<<20		<<<<<20
METALS										
Arsenic	106	ND	D004	5		<<<1		<<<<<<1		<<<<<1
Barium	105	2.23	D005	100		<<<20		31		<<<<<20
Cadmium	106	ND	D006	1		<<<0.5		<<<<<<0.5		<<<<<0.5
Chromium	106	8.7	D007	5		**12.5**		**21.8**		0.79
Lead	106	ND	D008	5		**14.1**		**6.7**		0.33
Mercury	106	0.0339	D009	0.2		<<<0.033		0.062		<<<<<0.033
Selenium	106	ND	D010	1		<<<0.5		<<<<<<0.5		<<<<<0.5
Silver	106	ND	D011	5		<<<0.5		0.56		<<<<<0.5
Misc										
Flash Point	103	>200	D001	140	>200					>200
pH	109	6.2	D002	2-12.5	4.6					5.6
VOA										
1,1-Dichloroethylene	104	ND	D029	0.7			<<<20000		<<<<<<20000	
1,2-Dichloroethane	104	ND	D028	0.5			<<<20000		<<<<<<20000	
1,4-Dichlorobenzene	103	ND	D027	7.5			<<<80000		<<<<<<80000	
Benzene	104	ND	D018	0.5			<<<20000		<<<<<<20000	
Carbon Tetrachloride	104	ND	D019	0.5			<<<20000		<<<<<<20000	
Chlorobenzene	104	ND	D021	100			<<<20000		<<<<<<20000	
Chloroform	104	ND	D022	6			<<<80000		<<<<<<80000	
Methyl Ethyl Ketone	104	3.4	D035	200			<<<80000		<<<<<<80000	
Tetrachloroethylene	104	23500	D039	0.7			**990000**		**170000**	
Trichloroethylene	104	ND	D040	0.5			<<<20000		<<<<<<20000	
Vinyl Chloride	104	ND	D043	0.2			<<<8000		<<<<<<8000	

Dry Cleaner Bottoms

				Sample Number	C2K130244001R2	C2K130249001	C2K130343001	C2K130343001	C2K130345001	C2K130345001R2	C2K130376001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Los Angeles,CA	Gering,NE	Oakland,CA	Santa Anna,CA	El Monte,CA	El Monte,CA	Wichita,KS
BNA											
2,4,5-Trichlorophenol	106	ND	D041	400		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
2,4,6-Trichlorophenol	106	ND	D042	2		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
2,4-Dinitrotoluene	106	ND	D030	0.13		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
2-Methylphenol	106	ND	D023	200		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
3+4-Methylphenol	106	ND	D024/25	200		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
Hexachlorobenzene	106	ND	D032	0.13		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
Hexachlorobutadiene	106	ND	D033	0.5		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
Hexachloroethane	106	ND	D034	3		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
Nitrobenzene	106	ND	D036	2		<<<<<0.5	<<<<<1.2	<<<<<1.2	<<<<<20		<<<<<20
Pentachlorophenol	106	ND	D037	100		<<<<<2.5	<<<<<6.2	<<<<<6.2	<<<<<600		<<<<<600
Pyridine	106	ND	D038	5		<<<<<1	<<<<<2.5	<<<<<2.5	<<<<<20		<<<<<20
METALS											
Arsenic	106	ND	D004	5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<<<1		<<<<<1
Barium	105	2.23	D005	100		<<<<<10	<<<<<10	<<<<<10	<<<<<20		<<<<<20
Cadmium	106	ND	D006	1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<<<0.5		<<<<<0.5
Chromium	106	8.7	D007	5		<<<<<0.5	<<<<<0.5	<<<<<0.5	**10.9**		**18.9**
Lead	106	ND	D008	5		<<<<<0.5	<<<<<0.5	<<<<<0.5	3.8		**6.4**
Mercury	106	0.0339	D009	0.2		<<<<<0.0002	<<<<<0.002	<<<<<0.002	0.061		<<<<<0.033
Selenium	106	ND	D010	1		<<<<<0.25	<<<<<0.25	<<<<<0.25	<<<<<0.5		<<<<<0.5
Silver	106	ND	D011	5		<<<<<0.5	<<<<<0.5	<<<<<0.5	0.8		<<<<<0.5
Misc											
Flash Point	103	>200	D001	140		>200	>201	>201	192		>200
pH	109	6.2	D002	2-12.5		7.1	6.1	6.1	6.1		5.7
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
1,2-Dichloroethane	104	ND	D028	0.5	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
1,4-Dichlorobenzene	103	ND	D027	7.5	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Benzene	104	ND	D018	0.5	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Carbon Tetrachloride	104	ND	D019	0.5	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Chlorobenzene	104	ND	D021	100	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Chloroform	104	ND	D022	6	<<<<<80000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<80000	
Methyl Ethyl Ketone	104	3.4	D035	200	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Tetrachloroethylene	104	23500	D039	0.7	**1900000**	**520**	**51**	**51**		**1800000**	
Trichloroethylene	104	ND	D040	0.5	<<<<<20000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<20000	
Vinyl Chloride	104	ND	D043	0.2	<<<<<8000	<<<<<25	<<<<<2.5	<<<<<2.5		<<<<<8000	

Dry Cleaner Bottoms

				Sample Number	C2K130376001R2	C2K130388001	C2K130388001R2	C2K140303001	C2K140303001R2	C2K150375001
				Year	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Wichita,KS	Highland,CA	Highland,CA	Salida,CA	Salida,CA	Santa Anna,CA
BNA										
2,4,5-Trichlorophenol	106	ND	D041	400		<<<<<20		<<<<<20		<<20
2,4,6-Trichlorophenol	106	ND	D042	2		<<<<<20		<<<<<20		<<20
2,4-Dinitrotoluene	106	ND	D030	0.13		<<<<<20		<<<<<20		<<20
2-Methylphenol	106	ND	D023	200		<<<<<20		<<<<<20		<<20
3+4-Methylphenol	106	ND	D024/25	200		<<<<<20		<<<<<20		<<20
Hexachlorobenzene	106	ND	D032	0.13		<<<<<20		<<<<<20		<<20
Hexachlorobutadiene	106	ND	D033	0.5		<<<<<20		<<<<<20		<<20
Hexachloroethane	106	ND	D034	3		<<<<<20		<<<<<20		<<20
Nitrobenzene	106	ND	D036	2		<<<<<20		<<<<<20		<<20
Pentachlorophenol	106	ND	D037	100		<<<<<600		<<<<<600		<<600
Pyridine	106	ND	D038	5		<<<<<20		<<<<<20		<<20
METALS										
Arsenic	106	ND	D004	5		<<<<<1		<<<<<1		<<1
Barium	105	2.23	D005	100		<<<<<20		<<<<<20		21.9
Cadmium	106	ND	D006	1		<<<<<0.5		<<<<<0.5		<<0.5
Chromium	106	8.7	D007	5		**10.7**		**8.7**		**26.4**
Lead	106	ND	D008	5		4.6		2.1		**5.6**
Mercury	106	0.0339	D009	0.2		<<<<<0.033		<<<<<0.033		0.15
Selenium	106	ND	D010	1		0.62		**1.8**		<<0.5
Silver	106	ND	D011	5		<<<<<0.5		<<<<<0.5		1.8
Misc										
Flash Point	103	>200	D001	140		>200		>201		>201
pH	109	6.2	D002	2-12.5		4.1		4.2		5.7
VOA										
1,1-Dichloroethylene	104	ND	D029	0.7	<<<<<20000		<<<<<20000		<<<<<20000	
1,2-Dichloroethane	104	ND	D028	0.5	<<<<<20000		<<<<<20000		<<<<<20000	
1,4-Dichlorobenzene	103	ND	D027	7.5	<<<<<80000		<<<<<80000		<<<<<80000	
Benzene	104	ND	D018	0.5	<<<<<20000		<<<<<20000		<<<<<20000	
Carbon Tetrachloride	104	ND	D019	0.5	<<<<<20000		<<<<<20000		<<<<<20000	
Chlorobenzene	104	ND	D021	100	<<<<<20000		<<<<<20000		<<<<<20000	
Chloroform	104	ND	D022	6	<<<<<80000		<<<<<80000		<<<<<80000	
Methyl Ethyl Ketone	104	3.4	D035	200	<<<<<80000		<<<<<80000		<<<<<80000	
Tetrachloroethylene	104	23500	D039	0.7	**1000000**		**1500000**		**940000**	
Trichloroethylene	104	ND	D040	0.5	<<<<<20000		<<<<<20000		<<<<<20000	
Vinyl Chloride	104	ND	D043	0.2	<<<<<8000		<<<<<8000		<<<<<8000	

Dry Cleaner Filter Powder PERC

				Sample Number	2050727	2054247	2058621	2078371	2078798	2080683	2081027	2081032
				Year	2000	2000	2000	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Pineville,LA	Morrow,GA	Norcross,GA	Omaha,NE	Fargo,ND	Sioux Falls,SD	Lackawanna,NY	Lackawanna,NY
BNA												
2,4,5-Trichlorophenol	51	ND	D041	400	<0.10	<0.10	<0.50	<0.50	<0.10	<0.040	<0.040	<0.040
2,4,6-Trichlorophenol	51	ND	D042	2	<0.10	<0.10	<0.50	<0.50	<0.10	<0.040	<0.040	<0.040
2,4-Dinitrotoluene	51	ND	D030	0.13	<0.020	<0.020	<0.10	<0.10	<0.020	<0.040	<0.040	<0.040
2-Methylphenol	51	ND	D023	200	<10.0	<10.0	<50	<50	<10.0	<0.040	<0.040	<0.040
3+4-Methylphenol	53	ND	D024/25	200	<10.0	<10.0	<50	<50	<10.0	<0.040	<0.040	<0.040
Hexachlorobenzene	51	ND	D032	0.13	<0.020	<0.020	<0.10	<0.10	<0.020	<0.040	<0.040	<0.040
Hexachlorobutadiene	51	ND	D033	0.5	<0.10	<0.10	<0.50	<0.50	<0.10	<0.040	<0.040	<0.040
Hexachloroethane	51	ND	D034	3	<0.10	<0.10	<0.50	<0.50	<0.10	<0.040	<0.040	<0.040
Nitrobenzene	51	ND	D036	2	<0.10	<0.10	<0.50	<0.50	<0.10	<0.040	<0.040	<0.040
Pentachlorophenol	51	ND	D037	100	<0.10	<0.10	<0.50	<0.50	<0.10	<0.20	<0.20	<0.20
Pyridine	51	ND	D038	5	<0.11	<0.10	<0.54	<0.54	<0.11	<0.061	<0.061	<0.061
METALS												
Arsenic	51	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	51	0.381	D005	100	0.273	1.32	0.381	0.108	0.701	0.313	0.266	0.262
Cadmium	51	ND	D006	1	<0.050	0.158	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chromium	51	0.090	D007	5	0.08	0.167	0.057	<0.050	0.058	<0.050	<0.050	<0.050
Lead	51	ND	D008	5	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400
Mercury	51	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	51	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	51	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	44	>200	D001	140	>200		>200	>200	>200	>200	>200	>200
pH	50	6.93	D002	2-12.5	7.34	6.76	7.36	7.69	6.77	6.53	6.71	5.78
VOA												
1,1-Dichloroethylene	51	ND	D029	0.7	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
1,2-Dichloroethane	51	ND	D028	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
1,4-Dichlorobenzene	51	ND	D027	7.5	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
Benzene	51	ND	D018	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
Carbon Tetrachloride	51	ND	D019	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
Chlorobenzene	51	ND	D021	100	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
Chloroform	51	ND	D022	6	<0.20	<0.20	<2.0	<0.20	<0.20	<1.0	<1.0	<0.25
Methyl Ethyl Ketone	51	ND	D035	200	<0.50	<0.50	<5.0	<0.50	<0.50	<4.0	<4.0	<0.50
Tetrachloroethylene	51	150.4	D039	0.7	**180.5**	**9.23**	**131.9**	**150.8**	**543.5**	**321**	**188**	**122**
Trichloroethylene	51	ND	D040	0.5	<0.20	<0.20	<2.0	<0.20	<0.20	**2.81**	<1.0	<0.25
Vinyl Chloride	51	ND	D043	0.2	<0.14	<0.14	<1.4	<0.14	<0.14	<1.5	<1.5	<0.25

Dry Cleaner Filter Powder PERC

				Sample Number	2081033	2083103	2084690	2085457	2088820	2089781	2092410	2094860
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Lackawanna,NY	Grand Island,NE	Garden City,GA	Clackamas,OR	Wichita,KS	Columbus,GA	Tulsa,OK	Morrow,GA
BNA												
2,4,5-Trichlorophenol	51	ND	D041	400	<0.040	<0.15	<0.040	<0.15	<0.15	<0.15	<0.15	<0.15
2,4,6-Trichlorophenol	51	ND	D042	2	<0.040	<0.15	<0.040	<0.15	<0.15	<0.15	<0.15	<0.15
2,4-Dinitrotoluene	51	ND	D030	0.13	<0.040	<0.020	<0.040	<0.020	<0.020	<0.020	<0.020	<0.020
2-Methylphenol	51	ND	D023	200	<0.040	<10.0	<0.040	<10.0	<10.0	<10.0	<10.0	<10.0
3+4-Methylphenol	53	ND	D024/25	200	<0.040	<10.0	<0.040	<10.0	<10.0	<10.0	<10.0	<10.0
Hexachlorobenzene	51	ND	D032	0.13	<0.040	<0.020	<0.040	<0.020	<0.020	<0.020	<0.020	<0.020
Hexachlorobutadiene	51	ND	D033	0.5	<0.040	<0.10	<0.040	<0.10	<0.050	<0.050	<0.050	<0.10
Hexachloroethane	51	ND	D034	3	<0.040	<0.10	<0.040	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrobenzene	51	ND	D036	2	<0.040	<0.10	<0.040	<0.10	<0.10	<0.10	<0.10	<0.10
Pentachlorophenol	51	ND	D037	100	<0.20	<0.26	<0.20	<0.26	<0.26	<0.26	<0.26	<0.26
Pyridine	51	ND	D038	5	<0.061	<0.29	<0.040	<0.29	<0.29	<0.29	<0.29	<0.25
METALS												
Arsenic	51	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	51	0.381	D005	100	0.227	0.306	0.244	0.429	0.296	0.268	0.284	0.515
Cadmium	51	ND	D006	1	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.101
Chromium	51	0.090	D007	5	<0.050	<0.050	0.060	0.319	<0.050	0.050	<0.050	0.273
Lead	51	ND	D008	5	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400
Mercury	51	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	51	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	51	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	44	>200	D001	140	>200	>200	>200	>200	>200	>200	>200	>200
pH	50	6.93	D002	2-12.5	6.93	6.88	8.62	7.29	6.61	6.21	6.40	6.35
VOA												
1,1-Dichloroethylene	51	ND	D029	0.7	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	51	ND	D028	0.5	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	51	ND	D027	7.5	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene	51	ND	D018	0.5	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	51	ND	D019	0.5	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene	51	ND	D021	100	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	51	ND	D022	6	<1.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl Ethyl Ketone	51	ND	D035	200	<4.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethylene	51	150.4	D039	0.7	**119**	**166.8**	**163.5**	**85.53**	**118.2**	**99.34**	**80.97**	**94.5**
Trichloroethylene	51	ND	D040	0.5	<1.0	<0.80	<2.0	<2.0	**2.194**	<2.0	<2.0	<2.0
Vinyl Chloride	51	ND	D043	0.2	<1.5	<0.56	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4

Dry Cleaner Filter Powder PERC

				Sample Number	2096468	2097092	2097331	2097346	2098940	2138344	2139790	2139980	2141686
				Year	2001	2001	2001	2001	2001	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Dodge City,KS	Oklahoma City,OK	Avon,NY	Avon,NY	Greer,SC	Greer,SC	Garden City,GA	Columbus,GA	Morrow,GA
BNA													
2,4,5-Trichlorophenol	51	ND	D041	400	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.040	<0.15
2,4,6-Trichlorophenol	51	ND	D042	2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.040	<0.15
2,4-Dinitrotoluene	51	ND	D030	0.13	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020
2-Methylphenol	51	ND	D023	200	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.040	<10.0
3+4-Methylphenol	53	ND	D024/25	200	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.040	<10.0
Hexachlorobenzene	51	ND	D032	0.13	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020
Hexachlorobutadiene	51	ND	D033	0.5	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.040	<0.050
Hexachloroethane	51	ND	D034	3	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.040	<0.10
Nitrobenzene	51	ND	D036	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.040	<0.10
Pentachlorophenol	51	ND	D037	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.20	<0.26
Pyridine	51	ND	D038	5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.040	<0.25
METALS													
Arsenic	51	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	51	0.381	D005	100	0.134	0.358	0.407	0.068	0.316	<0.500	<0.500	<0.500	<0.500
Cadmium	51	ND	D006	1	0.061	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chromium	51	0.090	D007	5	0.274	<0.050	<0.050	<0.050	<0.050	0.059	0.255	<0.050	0.092
Lead	51	ND	D008	5	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400
Mercury	51	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	51	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	51	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc													
Flash Point	44	>200	D001	140	>200	>200	>200	>200	>200		>200	>200	>200
pH	50	6.93	D002	2-12.5	7.24	7.21	6.77	7.12	9.42	6.15	6.69	6.67	5.93
VOA													
1,1-Dichloroethylene	51	ND	D029	0.7	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	51	ND	D028	0.5	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	51	ND	D027	7.5	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
Benzene	51	ND	D018	0.5	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	51	ND	D019	0.5	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	51	ND	D021	100	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
Chloroform	51	ND	D022	6	<2.0	<2.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	51	ND	D035	200	<5.0	<5.0	<5.0	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	51	150.4	D039	0.7	**84.64**	**341.2**	**103.9**	**107.4**	**76.81**	**197.2**	**206.1**	**83.95**	**85.3**
Trichloroethylene	51	ND	D040	0.5	<2.0	<2.0	<2.0	0.476	<2.0	0.427	<0.20	<0.20	<0.20
Vinyl Chloride	51	ND	D043	0.2	<1.4	<1.4	<1.4	<0.14	<1.4	<0.14	<0.14	<0.14	<0.14

Dry Cleaner Filter Powder PERC

				Sample Number	2142344	C2F210335001	C2F210335001R2	C2G160287001	C2J010137001	C2J010137001R2	C2J300261001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Norcross,GA	Pineville,LA	Pineville,LA	Dodge City,KS	Clackamas,OR	Clackamas,OR	Albuquerque,NM
BNA											
2,4,5-Trichlorophenol	51	ND	D041	400	<0.15	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
2,4,6-Trichlorophenol	51	ND	D042	2	<0.15	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
2,4-Dinitrotoluene	51	ND	D030	0.13	<0.020	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
2-Methylphenol	51	ND	D023	200	<10.0	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
3+4-Methylphenol	53	ND	D024/25	200	<10.0	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Hexachlorobenzene	51	ND	D032	0.13	<0.020	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Hexachlorobutadiene	51	ND	D033	0.5	<0.050	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Hexachloroethane	51	ND	D034	3	<0.10	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Nitrobenzene	51	ND	D036	2	<0.10	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Pentachlorophenol	51	ND	D037	100	<0.26	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Pyridine	51	ND	D038	5	<0.25	<<<<<<0.2		<<<<<<0.2	<<<<<<0.2		<<<<<<0.2
METALS											
Arsenic	51	ND	D004	5	<0.500	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Barium	51	0.381	D005	100	<0.500	<<<<<<10		<<<<<<10	<<<<<<10		<<<<<<10
Cadmium	51	ND	D006	1	<0.050	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Chromium	51	0.090	D007	5	<0.050	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Lead	51	ND	D008	5	<0.400	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Mercury	51	ND	D009	0.2	<0.0008	<<<<<<0.0002		<<<<<<0.0002	<<<<<<0.0002		<<<<<<0.0002
Selenium	51	ND	D010	1	<0.750	<<<<<<0.25		<<<<<<0.25	<<<<<<0.25		<<<<<<0.25
Silver	51	ND	D011	5	<0.050	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	44	>200	D001	140	>200						
pH	50	6.93	D002	2-12.5	6.18	4.7		6.8	6.1		6
VOA											
1,1-Dichloroethylene	51	ND	D029	0.7	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
1,2-Dichloroethane	51	ND	D028	0.5	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
1,4-Dichlorobenzene	51	ND	D027	7.5	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Benzene	51	ND	D018	0.5	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Carbon Tetrachloride	51	ND	D019	0.5	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Chlorobenzene	51	ND	D021	100	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Chloroform	51	ND	D022	6	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Methyl Ethyl Ketone	51	ND	D035	200	<0.25	<<<<<<1		<<<<<<5		0.16	<<<<<<3.8
Tetrachloroethylene	51	150.4	D039	0.7	**85.9**		**15**	**140**		**2.3**	**91**
Trichloroethylene	51	ND	D040	0.5	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8
Vinyl Chloride	51	ND	D043	0.2	<0.10	<<<<<<1		<<<<<<5	<<<<<<0.05		<<<<<<3.8

Dry Cleaner Filter Powder PERC

				Sample Number	C2J300293001	C2J300293001R2	C2K130230001	C2K130235001	C2K130335001	C2K220114001	C2K220114001R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	St_ Charles,MO	St_ Charles,MO	Grand Island,NE	Grand Island,NE	Wichita,KS	Omaha,NE	Omaha,NE
BNA											
2,4,5-Trichlorophenol	51	ND	D041	400	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
2,4,6-Trichlorophenol	51	ND	D042	2	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
2,4-Dinitrotoluene	51	ND	D030	0.13	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
2-Methylphenol	51	ND	D023	200	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
3+4-Methylphenol	53	ND	D024/25	200	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Hexachlorobenzene	51	ND	D032	0.13	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Hexachlorobutadiene	51	ND	D033	0.5	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Hexachloroethane	51	ND	D034	3	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Nitrobenzene	51	ND	D036	2	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Pentachlorophenol	51	ND	D037	100	<<<<<<0.5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<0.5	
Pyridine	51	ND	D038	5	<<<<<<0.2		<<<<<0.2	<<<<<0.2	<<<<<0.2	<<<0.2	
METALS											
Arsenic	51	ND	D004	5	<<<<<<0.5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<0.5	
Barium	51	0.381	D005	100	<<<<<<10		<<<<<10	<<<<<10	<<<<<10	<<<10	
Cadmium	51	ND	D006	1	<<<<<<0.1		<<<<<0.1	<<<<<0.1	<<<<<0.1	<<<0.1	
Chromium	51	0.090	D007	5	<<<<<<0.5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<0.5	
Lead	51	ND	D008	5	<<<<<<0.5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<0.5	
Mercury	51	ND	D009	0.2	<<<<<<0.0002		<<<<<0.0002	<<<<<0.0002	<<<<<0.0002	<<<0.0002	
Selenium	51	ND	D010	1	<<<<<<0.25		<<<<<0.25	<<<<<0.25	<<<<<0.25	<<<0.25	
Silver	51	ND	D011	5	<<<<<<0.5		<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<0.5	
Misc											
Flash Point	44	>200	D001	140			**139**	**139**	**139**	**139**	
pH	50	6.93	D002	2-12.5			7.4	6.4	6.2	7.5	
VOA											
1,1-Dichloroethylene	51	ND	D029	0.7		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
1,2-Dichloroethane	51	ND	D028	0.5		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
1,4-Dichlorobenzene	51	ND	D027	7.5		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
Benzene	51	ND	D018	0.5		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
Carbon Tetrachloride	51	ND	D019	0.5		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
Chlorobenzene	51	ND	D021	100		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
Chloroform	51	ND	D022	6		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4
Methyl Ethyl Ketone	51	ND	D035	200		<<<<<<10	<<<<<10	<<<<<5	5.1		<<<4
Tetrachloroethylene	51	150.4	D039	0.7		**240**	**240**	**94**	**99**		**130**
Trichloroethylene	51	ND	D040	0.5		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		**5.8**
Vinyl Chloride	51	ND	D043	0.2		<<<<<<10	<<<<<10	<<<<<5	<<<<<5		<<<4

Dry Cleaner Filter Powder PERC

				Sample Number	C2K220114001X	C2K260255001
				Year	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Omaha,NE	Clackamas,OR
BNA						
2,4,5-Trichlorophenol	51	ND	D041	400		<0.1
2,4,6-Trichlorophenol	51	ND	D042	2		<0.1
2,4-Dinitrotoluene	51	ND	D030	0.13		<0.1
2-Methylphenol	51	ND	D023	200		<0.1
3+4-Methylphenol	53	ND	D024/25	200		<0.1
Hexachlorobenzene	51	ND	D032	0.13		<0.1
Hexachlorobutadiene	51	ND	D033	0.5		<0.1
Hexachloroethane	51	ND	D034	3		<0.1
Nitrobenzene	51	ND	D036	2		<0.1
Pentachlorophenol	51	ND	D037	100		<0.5
Pyridine	51	ND	D038	5		<0.2
METALS						
Arsenic	51	ND	D004	5		<0.5
Barium	51	0.381	D005	100		<10
Cadmium	51	ND	D006	1		<0.1
Chromium	51	0.090	D007	5		<0.5
Lead	51	ND	D008	5		<0.5
Mercury	51	ND	D009	0.2		<0.0002
Selenium	51	ND	D010	1		<0.25
Silver	51	ND	D011	5		<0.5
Misc						
Flash Point	44	>200	D001	140	**139**	
pH	50	6.93	D002	2-12.5		6.5
VOA						
1,1-Dichloroethylene	51	ND	D029	0.7		<5
1,2-Dichloroethane	51	ND	D028	0.5		<5
1,4-Dichlorobenzene	51	ND	D027	7.5		<5
Benzene	51	ND	D018	0.5		<5
Carbon Tetrachloride	51	ND	D019	0.5		<5
Chlorobenzene	51	ND	D021	100		<5
Chloroform	51	ND	D022	6		<5
Methyl Ethyl Ketone	51	ND	D035	200		<5
Tetrachloroethylene	51	150.4	D039	0.7		**110**
Trichloroethylene	51	ND	D040	0.5		**5.5**
Vinyl Chloride	51	ND	D043	0.2		<5

Immersion Cleaner

				Sample Number	2008939	2011423	2015451	2015460	2015471	2016044	2017094	2017633	2018174
				Year	2000	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Denton,TX	Gering,NE	Fargo,ND	Omaha,NE	Albuquerque,NM	Sioux Falls,SD	Edwardsville,KS	Grand Island,NE	Wichita,KS
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200	<200
2,4,6-Trichlorophenol	104	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<110	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200	<200
3+4-Methylphenol	104	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachlorobenzene	104	ND	D032	0.13	<40	<170	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pyridine	104	ND	D038	5	<200	<210	<210	<200	<200	<210	<210	<210	<200
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	0.735	<0.500	<0.500	0.543	<0.500	<0.500	**131**	<0.500	0.649
Cadmium	104	1.52	D006	1	<0.500	<0.500	**1.91**	**27.6**	**30.6**	**3.89**	**1.41**	<0.500	**20.8**
Chromium	104	ND	D007	5	<0.500	<0.500	<0.500	4.95	1.66	0.871	<0.500	<0.500	2.28
Lead	104	7.1	D008	5	**5.62**	<4.00	4.92	**140**	**51.0**	**42.5**	<4.00	<4.00	**343**
Mercury	104	ND	D009	0.2	<0.100	<0.10	<0.040	<0.040	<0.040	<0.10	<0.10	<0.10	0.163
Selenium	104	ND	D010	1	<0.45	<0.45	<0.008	<0.008	<0.008	<0.45	<0.45	<0.45	<0.008
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	2.81
Misc													
Flash Point	104	164	D001	140	>200	>200	155	142	145	>200	>200	>200	155
pH	107	9.83	D002	2-12.5	8.52	9.51	10.3	9.6	9.6	10	9.7	10.0	8.74
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,2-Dichloroethane	104	ND	D028	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	104	140	D027	7.5	**159**	**279**	**176**	**424**	**219**	**105**	**206**	**61**	**188**
Benzene	104	ND	D018	0.5	<2.0	<2.0	<2.0	<2.0	**6.8**	**4.2**	<2.0	<2.0	**3**
Carbon Tetrachloride	104	ND	D019	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene	104	7.3	D021	100	9.9	14.6	14.6	16.8	10.6	8.8	13.3	4.5	4.5
Chloroform	104	ND	D022	6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl Ethyl Ketone	104	ND	D035	200	<5.0	<5.0	5.3	<5.0	<5.0	5.4	<5.0	<5.0	<5.0
Tetrachloroethylene	104	215	D039	0.7	**61.1**	**166**	**344**	**1170**	**36**	**240**	**50.2**	**82.3**	**34.8**
Trichloroethylene	104	9.1	D040	0.5	**3.6**	**18.2**	**16.6**	**6.8**	**3.8**	**17.7**	<2.0	**21.5**	**2**
Vinyl Chloride	104	ND	D043	0.2	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5

Immersion Cleaner

				Sample Number	2025726	2029160	2039388	2039392	2042540	2045072	2050711	2050735
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Garden City,GA	Salt Lake City,UT	Englewood,CO	Salida,CA	Sioux Falls,SD	St_ Charles,MO	Columbus,GA	Norcross,GA
BNA												
2,4,5-Trichlorophenol	104	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200
2,4,6-Trichlorophenol	104	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200
3+4-Methylphenol	104	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200
Pyridine	104	ND	D038	5	<210	<210	<210	<210	<210	<210	<210	<210
METALS												
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Cadmium	104	1.52	D006	1	<0.500	**1.68**	**1.13**	**1.07**	**2.51**	0.735	<0.500	**2.84**
Chromium	104	ND	D007	5	<0.500	<0.500	<0.500	<0.500	0.584	0.658	0.589	0.566
Lead	104	7.1	D008	5	<4.00	<4.00	<4.00	**7.42**	**20.5**	**92.4**	<4.00	<4.00
Mercury	104	ND	D009	0.2	<0.100	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	104	164	D001	140	>200	164	158	150	153	>200	164	**128**
pH	107	9.83	D002	2-12.5	10.3	8.99	7.37	9.76	10.38	8.9	10.43	10.17
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<0.40	<0.80	<4.0	<4.0	<4.0	<4.0	<1.6	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<0.40	<2.0	<2.0	<2.0	<2.0	<0.80	<2.0
1,4-Dichlorobenzene	104	140	D027	7.5	**224**	**202**	**168**	**84.7**	**137**	**264**	**131**	**49.2**
Benzene	104	ND	D018	0.5	<0.20	**0.57**	**2.1**	<2.0	**4**	<2.0	<0.80	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<0.40	<2.0	<2.0	<2.0	<2.0	<0.80	<2.0
Chlorobenzene	104	7.3	D021	100	19.1	7.4	5.3	<2.0	7.3	3.6	9.2	9.167
Chloroform	104	ND	D022	6	<0.20	<0.40	<2.0	<2.0	<2.0	<2.0	<0.80	<2.0
Methyl Ethyl Ketone	104	ND	D035	200	2	<1.0	<5.0	<5.0	15	<5.0	9.3	6.994
Tetrachloroethylene	104	215	D039	0.7	**382**	**45.3**	**31.8**	**193**	**163**	**4.2**	**393**	**350.7**
Trichloroethylene	104	9.1	D040	0.5	**7.6**	**5.7**	**8.8**	**23.4**	**35.5**	<2.0	**26.9**	**15.06**
Vinyl Chloride	104	ND	D043	0.2	<0.15	<0.30	<1.5	<1.5	<1.5	<1.5	<0.60	<1.4

Immersion Cleaner

				Sample Number	2051052	2051057	2052972	2054243	2055257	2059286	2060916	2066749	2067062
				Year	2000	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Macon,GA	Pineville,LA	Greer,SC	Morrow,GA	Dodge City,KS	Salt Lake City,UT	Medley,FL	Sacramento,CA	Santa Anna,CA
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200	<200
2,4,6-Trichlorophenol	104	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200	<200
3+4-Methylphenol	104	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pyridine	104	ND	D038	5	<210	<210	<210	<210	<210	<210	<210	<210	<210
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	0.768	1.53	<0.500	6.00	<0.500
Cadmium	104	1.52	D006	1	**123**	<0.500	0.662	<0.500	**9.29**	<0.500	**138**	**133**	**19.1**
Chromium	104	ND	D007	5	1.61	<0.500	<0.500	<0.500	0.653	<0.500	**5.22**	**8.88**	0.570
Lead	104	7.1	D008	5	**21.2**	<4.00	**113**	4.42	**38.3**	**35.3**	**5.68**	**68.6**	**17.6**
Mercury	104	ND	D009	0.2	<0.10	0.178	<0.100	<0.10	<0.100	<0.10	<0.10	<0.100	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	0.73	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	104	164	D001	140	>200	>200	>200	>200	>200	156	145	>200	>200
pH	107	9.83	D002	2-12.5	10.07	9.49	9.82	9.96	9.26	9.87	9.98	9.36	9.16
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.40	<4.0	<0.40	<0.40	<4.0	<2.0	<2.0	<0.80	<1.6
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<2.0	<0.20	<0.20	<2.0	<1.0	<1.0	<0.40	<0.80
1,4-Dichlorobenzene	104	140	D027	7.5	**298**	**265**	**39.8**	**87.3**	**209**	**118**	**402**	**63.9**	**140**
Benzene	104	ND	D018	0.5	0.31	**4.3**	<0.20	0.25	**5.4**	<1.0	<1.0	0.49	**2.2**
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<2.0	<0.20	<0.20	<2.0	<1.0	<1.0	<0.40	<0.80
Chlorobenzene	104	7.3	D021	100	8.6	11.1	6.2	8.8	12.7	3.3	16.6	2.1	<0.80
Chloroform	104	ND	D022	6	<0.20	<2.0	<0.20	<0.20	<2.0	<1.0	<1.0	1.6	<0.80
Methyl Ethyl Ketone	104	ND	D035	200	3.8	<5.0	5.5	10	<5.0	<2.5	<2.5	1.5	<2.0
Tetrachloroethylene	104	215	D039	0.7	**304**	**60.5**	**193**	**370**	**363**	**66.8**	**80.9**	**117**	**96**
Trichloroethylene	104	9.1	D040	0.5	**71.6**	**5.6**	**18**	**18.3**	**7.1**	<1.0	**2.1**	**4**	**51.4**
Vinyl Chloride	104	ND	D043	0.2	<0.15	<1.5	<0.15	<0.15	<1.5	<0.75	<0.75	<0.30	<0.60

Immersion Cleaner

				Sample Number	2067098	2067103	2067125	2068933	2075095	2075708	2078376	2078379	2080698
				Year	2000	2000	2000	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Oakland,CA	Salida,CA	Rohnert Park,CA	Fresno,CA	Gering,NE	Denton,TX	Fargo,ND	Omaha,NE	Sioux Falls,SD
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200	<400
3+4-Methylphenol	104	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200	<500
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200	<100
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200	<520
Pyridine	104	ND	D038	5	<210	<210	<210	<210	<210	<210	<210	<210	<580
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	0.584	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.10	<0.500
Cadmium	104	1.52	D006	1	**188**	**1.89**	<0.500	0.701	**1.52**	0.768	**1.41**	**11.9**	**1.55**
Chromium	104	ND	D007	5	3.92	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.591	0.925
Lead	104	7.1	D008	5	**76.5**	<4.00	<4.00	**14.2**	**6.84**	<4.00	**6.64**	**30.6**	**15.9**
Mercury	104	ND	D009	0.2	<0.10	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	104	164	D001	140	**133**	>200	>200	>200	146	153	>200	>200	160
pH	107	9.83	D002	2-12.5	9.22	9.25	9.35	9.38	9.06	8.81	9.94	9.70	9.80
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.80	<0.80	<1.6	<0.80	<2.0	<2.0	<2.0	<2.0	<1.6
1,2-Dichloroethane	104	ND	D028	0.5	<0.40	<0.40	<0.80	<0.80	<1.0	<1.0	<1.0	<1.0	<0.80
1,4-Dichlorobenzene	104	140	D027	7.5	**65.3**	**129**	**118**	**26.03**	**221**	**197**	**167**	**166**	**131**
Benzene	104	ND	D018	0.5	0.4	<0.40	**2.3**	<0.80	**2.3**	<1.0	**2**	**1.3**	<0.80
Carbon Tetrachloride	104	ND	D019	0.5	<0.40	<0.40	<0.80	<0.80	<1.0	<1.0	<1.0	<1.0	<0.80
Chlorobenzene	104	7.3	D021	100	2.5	<0.40	3.2	3.379	9.8	9.3	16.4	17.2	12.3
Chloroform	104	ND	D022	6	<0.40	<0.40	<0.80	<0.80	<1.0	<1.0	<1.0	<1.0	<0.80
Methyl Ethyl Ketone	104	ND	D035	200	<1.0	<1.0	<2.0	3.279	<2.5	<2.5	4.7	3.2	4.3
Tetrachloroethylene	104	215	D039	0.7	**129**	**98.7**	**100**	**120**	**462**	**440**	**223**	**182**	**145**
Trichloroethylene	104	9.1	D040	0.5	**4.2**	**3.8**	**3.7**	**2.057**	**7.6**	**2.4**	**33.3**	**39.1**	**8.6**
Vinyl Chloride	104	ND	D043	0.2	<0.30	<0.30	<0.60	<0.56	<0.75	<0.75	<0.75	<0.75	<0.60

Immersion Cleaner

				Sample Number	2081041	2081097	2081098	2081099	2082492	2082506	2083126
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Albuquerque,NM	Grand Island,NE	Salt Lake City,UT
BNA											
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<300	<5.0	<300	<200	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<300	<2.0	<300	<200	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<0.13	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<400	<400	<400	<5.0	<400	<200	<400
3+4-Methylphenol	104	ND	D024/25	200	<500	<500	<500	<5.0	<500	<200	<500
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	0.029544	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<100	<100	<0.10	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<1.0	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<0.40	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<520	<520	<520	<5.0	<520	<200	<520
Pyridine	104	ND	D038	5	<580	<580	<580	<1.0	<580	<210	<580
METALS											
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Cadmium	104	1.52	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	**2.33**	<0.500
Chromium	104	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	1.25	<0.500
Lead	104	7.1	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	**20.2**	<4.00
Mercury	104	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	104	164	D001	140	158	>200	>200	**136**	153	>200	>200
pH	107	9.83	D002	2-12.5	9.83	9.91	9.78	6.21	9.23	9.85	9.61
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<1.6	<1.6	<1.6	<1.6	<4.0	<4.0	<1.6
1,2-Dichloroethane	104	ND	D028	0.5	<0.80	<0.80	<0.80	<0.80	<2.0	<2.0	<0.80
1,4-Dichlorobenzene	104	140	D027	7.5	**91.9**	**114**	**108**	3.5	**205**	**162**	**182**
Benzene	104	ND	D018	0.5	<0.80	<0.80	<0.80	**1.9**	<2.0	**3.2**	**1**
Carbon Tetrachloride	104	ND	D019	0.5	<0.80	<0.80	<0.80	<0.80	<2.0	<2.0	<0.80
Chlorobenzene	104	7.3	D021	100	16.2	16.1	16.4	<0.80	6.8	11.7	10.5
Chloroform	104	ND	D022	6	<0.80	<0.80	<0.80	<0.80	<2.0	<2.0	<0.80
Methyl Ethyl Ketone	104	ND	D035	200	2.4	3	3.6	17.5	<5.0	7.1	2.9
Tetrachloroethylene	104	215	D039	0.7	**216**	**253**	**214**	**757**	**240**	**203**	**992**
Trichloroethylene	104	9.1	D040	0.5	**15.3**	**15.9**	**16.5**	**39.2**	<2.0	**35.5**	**10**
Vinyl Chloride	104	ND	D043	0.2	<0.60	<0.60	<0.60	<0.60	<1.5	<1.5	<0.60

Immersion Cleaner

				Sample Number	2083425	2085321	2087156	2088688	2089015	2089549	2090899	2091968	2091970
				Year	2001	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Garden City,GA	Clackamas,OR	Fresno,CA	Wichita,KS	Macon,GA	Salida,CA	Oklahoma City,OK	Tulsa,OK	Englewood,CO
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<400	<400	<400	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	104	ND	D024/25	200	<500	<500	<500	<500	<500	<500	<500	<500	<500
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<100	<100	<100	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<520	<520	<520	<520	<520	<520	<520	<520	<520
Pyridine	104	ND	D038	5	<580	<580	<580	<580	<580	<580	<580	<580	<580
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	<0.500	1.01	<0.500	<0.500	<0.500
Cadmium	104	1.52	D006	1	<0.500	**371**	<0.500	<0.500	**3.95**	**26.7**	**4.74**	<0.500	**3.86**
Chromium	104	ND	D007	5	<0.500	**8.35**	<0.500	<0.500	<0.500	2.63	<0.500	<0.500	0.582
Lead	104	7.1	D008	5	<4.00	**28.4**	<4.00	**46.8**	**25.0**	**174**	<4.00	<4.00	**28.4**
Mercury	104	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	104	164	D001	140	>200	>200	168	>200	>200	>200	>200	>200	>200
pH	107	9.83	D002	2-12.5	9.47	9.74	9.93	9.08	9.62	9.28	9.52	9.814	9.98
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<1.6	<1.6	<1.6	<2.0	<4.0	<4.0	<2.0	<4.0	<0.80
1,2-Dichloroethane	104	ND	D028	0.5	<0.80	<0.80	<0.80	<1.0	<2.0	<2.0	<1.0	<2.0	<0.40
1,4-Dichlorobenzene	104	140	D027	7.5	**172**	**77.5**	**140**	**156**	**255**	**195**	**124**	**181**	**57**
Benzene	104	ND	D018	0.5	<0.80	**0.87**	**0.96**	**0.91**	<2.0	<2.0	**2.6**	<2.0	**0.71**
Carbon Tetrachloride	104	ND	D019	0.5	<0.80	<0.80	<0.80	<1.0	<2.0	<2.0	<1.0	<2.0	<0.40
Chlorobenzene	104	7.3	D021	100	17.1	1.4	5.5	11.8	17.1	6.8	5.2	8.9	4.8
Chloroform	104	ND	D022	6	<0.80	<0.80	<0.80	<1.0	<2.0	<2.0	<1.0	<2.0	<0.40
Methyl Ethyl Ketone	104	ND	D035	200	<2.0	<2.0	8.9	40.3	36.2	14.8	9.3	14.3	14.8
Tetrachloroethylene	104	215	D039	0.7	**175**	**69.6**	**305**	**1760**	**158**	**174**	**353**	**738**	**353**
Trichloroethylene	104	9.1	D040	0.5	**6.1**	**9.4**	**9**	**9.1**	**5.4**	**33.6**	**2.8**	**38.5**	**3.5**
Vinyl Chloride	104	ND	D043	0.2	<0.60	<0.60	<0.60	<0.75	<1.5	<1.5	<0.75	<1.5	<0.30

Immersion Cleaner

				Sample Number	2091973	2094181	2094386	2094890	2096456	2096696	2098610	2099447	2113283
				Year	2001	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sacramento,CA	Oakland,CA	Pineville,LA	Morrow,GA	Dodge City,KS	Medley,FL	Greer,SC	Rohnert Park,CA	Norcross,GA
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<400	<400	<400	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	104	ND	D024/25	200	<500	<400	<400	<400	<400	<400	<400	<400	<400
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<200	<200	<100	<100	<200	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<520	<520	<520	<520	<520	<520	<520	<520	<520
Pyridine	104	ND	D038	5	<580	<500	<500	<500	<500	<500	<500	<500	<500
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.726
Cadmium	104	1.52	D006	1	**5.95**	**43.7**	0.506	<0.500	**8.32**	**12.5**	<0.500	**2.58**	**13.3**
Chromium	104	ND	D007	5	<0.500	0.844	<0.500	<0.500	<0.500	1.47	<0.500	0.724	<0.500
Lead	104	7.1	D008	5	**6.22**	**43.8**	<4.00	<4.00	<4.00	**65.8**	<4.00	**213**	**12.7**
Mercury	104	ND	D009	0.2	<0.10	<0.10	<0.100	<0.100	<0.10	<0.10	<0.10	<010	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	104	164	D001	140	>200	>200	>200	>200	>200	>200	>200	>200	155
pH	107	9.83	D002	2-12.5	9.74	9.34	9.90	10.09	9.87	8.43	9.99	10.30	9.75
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<4.0	<0.40	<1.6	<0.40	<0.80	<1.6	<1.6	<0.80	<0.40
1,2-Dichloroethane	104	ND	D028	0.5	<2.0	<0.20	<0.80	<0.20	<0.40	<0.80	<0.80	<0.40	<0.20
1,4-Dichlorobenzene	104	140	D027	7.5	**162**	**36.4**	**155**	**64.8**	**86.5**	**176**	**151**	**215**	**131**
Benzene	104	ND	D018	0.5	<2.0	<0.20	<0.80	**0.8**	**1.5**	**11.1**	<0.80	**0.52**	<0.20
Carbon Tetrachloride	104	ND	D019	0.5	<2.0	<0.20	<0.80	<0.20	<0.40	<0.80	<0.80	<0.40	<0.20
Chlorobenzene	104	7.3	D021	100	4.3	2.2	<0.80	12	5.5	11.9	9.6	4.8	8
Chloroform	104	ND	D022	6	<2.0	<0.20	<0.80	<0.20	<0.40	<0.80	<0.80	<0.40	<0.20
Methyl Ethyl Ketone	104	ND	D035	200	<5.0	4.6	9.8	81.6	8.2	32.8	59.3	28.7	1.5
Tetrachloroethylene	104	215	D039	0.7	**218**	**64.4**	**176**	**263**	**435**	**134**	**197**	**123**	**102**
Trichloroethylene	104	9.1	D040	0.5	**5**	**3.4**	**5.6**	**20.4**	**2.8**	**125**	**17.5**	**4.2**	**18**
Vinyl Chloride	104	ND	D043	0.2	<1.5	<0.15	<0.60	<0.15	<0.30	<0.60	<0.60	<0.30	<0.15

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				Sample Number	2118871	2118956	2119094	2123647	2126772	2134812	2137631	2138241	2138800
				Year	2001	2001	2001	2001	2001	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Rohnert Park,CA	Salt Lake City,UT	Highland,CA	Oakland,CA	Salida,CA	Denton,TX	Medley,FL	Greer,SC	Tallahassee,FL
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<5.0	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<2.0	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<0.13	<40	<40	<40	<40	<40	<40
2-Methylphenol	104	ND	D023	200	<400	<400	<5.0	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	104	ND	D024/25	200	<400	<400	<5.0	<400	<400	<400	<400	<400	<400
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<0.13	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<0.20	<200	<200	<100	<100	<200	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<0.50	<200	<200	<200	<200	<200	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<0.40	<200	<200	<200	<200	<200	<200
Pentachlorophenol	104	ND	D037	100	<520	<520	<5.0	<520	<520	<520	<520	<520	<520
Pyridine	104	ND	D038	5	<500	<500	<1.0	<500	<500	<500	<500	<500	<500
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	104	0.735	D005	100	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<5.00	<5.00	<5.00
Cadmium	104	1.52	D006	1	<0.500	<0.500	<0.500	**8.62**	**3.02**	**16.2**	**4540**	0.616	<0.500
Chromium	104	ND	D007	5	<0.500	<0.500	2.80	<0.500	<0.500	2.66	**13.7**	<0.500	<0.500
Lead	104	7.1	D008	5	<4.00	<4.00	<4.00	**11.8**	<4.00	**31.9**	<4.00	**20.8**	<4.00
Mercury	104	ND	D009	0.2	<0.10	<0.100	<0.10	<0.10	<0.10	<0.040	<0.040	<0.040	<0.040
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	0.45	<0.008	<0.45	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	**5.84**	<0.500	<0.500
Misc													
Flash Point	104	164	D001	140	156	>200	>200	150	190	>200	168	152	>200
pH	107	9.83	D002	2-12.5	9.86	9.61	10.47	9.68	9.39	9.55	9.50	9.26	9.79
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.40	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	104	140	D027	7.5	**49.2**	**61.5**	<0.20	**31.9**	**52.4**	**73.1**	**69**	**81.1**	**72.2**
Benzene	104	ND	D018	0.5	**1.8**	**1.4**	<0.20	**1.5**	**1.3**	**1.6**	**4.1**	**0.71**	**0.61**
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	104	7.3	D021	100	6.8	7.3	<0.20	5.6	4.7	6.6	3.9	8.2	7.5
Chloroform	104	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	104	ND	D035	200	5.2	3.5	<1.0	2.5	1.1	2.2	0.82	1.6	5.2
Tetrachloroethylene	104	215	D039	0.7	**333**	**348**	**2.029**	**296**	**215**	**197**	**67.1**	**222**	**220**
Trichloroethylene	104	9.1	D040	0.5	**9**	**8.5**	<0.20	**8.5**	4.4	**9.9**	7.4	**6.2**	**12**
Vinyl Chloride	104	ND	D043	0.2	<0.15	<0.15	<0.14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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				Sample Number	2139771	2139775	2139940	2140193	2140382	2140396	2140424	2140459	2140945
				Year	2002	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Salt Lake City,UT	Garden City,GA	Fresno,CA	Salida,CA	Macon,GA	Columbus,GA	Los Angeles,CA	El Monte,CA	Oakland,CA
BNA													
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<300	<300	<300	<300	<300	<5.0	<300
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<300	<300	<300	<300	<300	<2.0	<300
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<0.13	<40
2-Methylphenol	104	ND	D023	200	<400	<400	<400	<400	<400	<400	<400	<5.0	<400
3+4-Methylphenol	104	ND	D024/25	200	<400	<400	<400	<400	<400	<400	<400	<5.0	<400
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<0.13	<40
Hexachlorobutadiene	104	ND	D033	0.5	<100	<100	<100	<100	<100	<100	<100	<0.20	<200
Hexachloroethane	104	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<0.50	<200
Nitrobenzene	104	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<0.40	<200
Pentachlorophenol	104	ND	D037	100	<520	<520	<520	<520	<520	<520	<520	<5.0	<520
Pyridine	104	ND	D038	5	<500	<500	<500	<500	<500	<500	<500	<1.0	<500
METALS													
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500	<5.00
Barium	104	0.735	D005	100	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500	<5.00
Cadmium	104	1.52	D006	1	<0.500	**2.42**	<0.500	<0.500	**1.74**	0.616	0.977	0.079	<0.500
Chromium	104	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.598	0.142	<0.500
Lead	104	7.1	D008	5	4.62	**15.2**	<4.00	**20.2**	<4.00	**6.71**	<4.00	**13.3**	<4.00
Mercury	104	ND	D009	0.2	<0.040	<0.040	0.076	0.097	<0.040	<0.040	<0.040	<0.0008	<0.10
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.750	<0.45
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050	<0.500
Misc													
Flash Point	104	164	D001	140	>200	>200	144	145	>200	144	>200	>200	>200
pH	107	9.83	D002	2-12.5	9.75	9.43	9.63	9.78	9.58	9.78	10.60	10.88	9.44
VOA													
1,1-Dichloroethylene	104	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<2.0	<0.20	<2.0
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20	<2.0
1,4-Dichlorobenzene	104	140	D027	7.5	**71**	**76.8**	**65.9**	**76.5**	**87.8**	**79.4**	<2.5	<0.20	**68.46**
Benzene	104	ND	D018	0.5	**0.86**	**0.54**	**0.79**	**1.1**	**0.54**	**1**	<1.0	<0.20	<2.0
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20	<2.0
Chlorobenzene	104	7.3	D021	100	5.7	6.2	4.5	4.7	7.9	7.8	<1.0	<0.20	5.075
Chloroform	104	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20	<2.0
Methyl Ethyl Ketone	104	ND	D035	200	1.4	1.5	0.86	0.71	<0.50	2.3	<2.5	<1.0	<10.0
Tetrachloroethylene	104	215	D039	0.7	**321**	**172**	**310**	**511**	**130**	**185**	**4.7**	<0.20	**148.7**
Trichloroethylene	104	9.1	D040	0.5	**14.8**	**5.1**	**5.6**	**6.3**	**7.8**	**10.8**	<1.0	<0.20	**2.951**
Vinyl Chloride	104	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.75	<0.14	<1.4

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				Sample Number	2141021	2141718	2142370	2145205	2145221	C2F210327001	C2F210327001X	C2G090267001
				Year	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Norcross,GA	Morrow,GA	Santa Anna,CA	Rohnert Park,CA	Englewood,CO	Pineville,LA	Pineville,LA	Albuquerque,NM
BNA												
2,4,5-Trichlorophenol	104	ND	D041	400	<300	<300	<5.0	<300	<300	<<<<<<20		<<<<<<20
2,4,6-Trichlorophenol	104	ND	D042	2	<300	<300	<2.0	<300	<300	<<<<<<20		<<<<<<20
2,4-Dinitrotoluene	104	ND	D030	0.13	<40	<40	<0.13	<40	<40	<<<<<<20		<<<<<<20
2-Methylphenol	104	ND	D023	200	<400	<400	<5.0	<400	<400	<<<<<<20		<<<<<<20
3+4-Methylphenol	104	ND	D024/25	200	<400	<400	<5.0	<400	<400	<<<<<<20		<<<<<<20
Hexachlorobenzene	104	ND	D032	0.13	<40	<40	<0.13	<40	<40	<<<<<<20		<<<<<<20
Hexachlorobutadiene	104	ND	D033	0.5	<200	<200	<0.20	<200	<200	<<<<<<20		<<<<<<20
Hexachloroethane	104	ND	D034	3	<200	<200	<0.50	<200	<200	<<<<<<20		<<<<<<20
Nitrobenzene	104	ND	D036	2	<200	<200	<0.40	<200	<200	<<<<<<20		<<<<<<20
Pentachlorophenol	104	ND	D037	100	<520	<520	<5.0	<520	<520	<<<<<<20		<<<<<<600
Pyridine	104	ND	D038	5	<500	<500	<1.0	<500	<500	<<<<<<20		<<<<<<20
METALS												
Arsenic	104	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	0.47		<<<<<<0.5
Barium	104	0.735	D005	100	<5.00	<5.00	<5.00	<5.00	<5.00	<<<<<<2		<<<<<<10
Cadmium	104	1.52	D006	1	**19.5**	**1.04**	<0.500	<0.500	0.940	1		<<<<<<0.25
Chromium	104	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	0.39		<<<<<<0.25
Lead	104	7.1	D008	5	**14.6**	4.27	4.71	**15.6**	<4.00	**12**		0.79
Mercury	104	ND	D009	0.2	<0.040	<0.040	<0.040	0.076	<0.10	0.015		0.0042
Selenium	104	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	0.74		0.83
Silver	104	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	0.05		<<<<<<0.25
Misc												
Flash Point	104	164	D001	140	>200	146	>200	185	147	>180		
pH	107	9.83	D002	2-12.5	9.62	9.64	9.91	9.73	9.61		10.5	10.4
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7	<0.40	<0.40	<0.20	<0.40	<0.40	<<<<<<10		<<<<<<50
1,2-Dichloroethane	104	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<<<<<<10		<<<<<<50
1,4-Dichlorobenzene	104	140	D027	7.5	**83.3**	**76.9**	<0.20	**20.3**	**26.3**	**160**		**230**
Benzene	104	ND	D018	0.5	**1**	**4.1**	<0.20	**0.62**	**0.79**	<<<<<<10		<<<<<<50
Carbon Tetrachloride	104	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<<<<<<10		<<<<<<50
Chlorobenzene	104	7.3	D021	100	6.8	6.6	<0.20	3.8	5.2	<<<<<<10		<<<<<<50
Chloroform	104	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<<<<<<10		<<<<<<50
Methyl Ethyl Ketone	104	ND	D035	200	1.6	1.3	<1.0	0.65	1.3	<<<<<<10		<<<<<<50
Tetrachloroethylene	104	215	D039	0.7	**134**	**104**	<0.20	**292**	**287**	**240**		**420**
Trichloroethylene	104	9.1	D040	0.5	**2.9**	**40.3**	<0.20	**10.8**	**10.9**	<<<<<<10		<<<<<<50
Vinyl Chloride	104	ND	D043	0.2	<0.15	<0.15	<0.14	<0.15	<0.15	<<<<<<10		<<<<<<50

Immersion Cleaner

				Sample Number	C2G090267001X	C2G160294001	C2I250318001	C2I250318001X	C2I250318002	C2I250318002R2	C2J010120001	C2J010120002
				Year	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Albuquerque,NM	Dodge City,KS	Boise,ID	Boise,ID	Boise,ID	Boise,ID	Clackamas,OR	Clackamas,OR
BNA												
2,4,5-Trichlorophenol	104	ND	D041	400		<<<<<<20	69				61	
2,4,6-Trichlorophenol	104	ND	D042	2		<<<<<<20	<<<<<<20				<<<<<<20	
2,4-Dinitrotoluene	104	ND	D030	0.13		<<<<<<20	<<<<<<20				<<<<<<20	
2-Methylphenol	104	ND	D023	200		**810**	130				**270**	
3+4-Methylphenol	104	ND	D024/25	200		**290**	140				**220**	
Hexachlorobenzene	104	ND	D032	0.13		<<<<<<20	<<<<<<20				<<<<<<20	
Hexachlorobutadiene	104	ND	D033	0.5		<<<<<<20	<<<<<<20				<<<<<<20	
Hexachloroethane	104	ND	D034	3		<<<<<<20	<<<<<<20				<<<<<<20	
Nitrobenzene	104	ND	D036	2		<<<<<<20	<<<<<<20				<<<<<<20	
Pentachlorophenol	104	ND	D037	100		<<<<<<600	<<<<<<600				<<<<<<600	
Pyridine	104	ND	D038	5		<<<<<<20	**33**				**38**	
METALS												
Arsenic	104	ND	D004	5		<<<<<<1	0.31				0.61	
Barium	104	0.735	D005	100		<<<<<<20	<<<<<<2				<<<<<<10	
Cadmium	104	1.52	D006	1		**33.4**	0.35				<<<<<<0.25	
Chromium	104	ND	D007	5		**24**	0.085				<<<<<<0.25	
Lead	104	7.1	D008	5		**43.9**	0.33				0.37	
Mercury	104	ND	D009	0.2		0.012	0.0045				0.057	
Selenium	104	ND	D010	1		0.74	0.58				**1.1**	
Silver	104	ND	D011	5		<<<<<<0.5	<<<<<<0.05				<<<<<<0.25	
Misc												
Flash Point	104	164	D001	140	>201	156		153			159	
pH	107	9.83	D002	2-12.5		10.5	7.7				10.9	
VOA												
1,1-Dichloroethylene	104	ND	D029	0.7		<<<<<<50			<<<<<<0.25			<<<<<<0.5
1,2-Dichloroethane	104	ND	D028	0.5		<<<<<<50			<<<<<<0.25			<<<<<<0.5
1,4-Dichlorobenzene	104	140	D027	7.5		**200**				**53**		
Benzene	104	ND	D018	0.5		<<<<<<50			**0.72**			<<<<<<0.5
Carbon Tetrachloride	104	ND	D019	0.5		<<<<<<50			<<<<<<0.25			<<<<<<0.5
Chlorobenzene	104	7.3	D021	100		<<<<<<50			2.3			
Chloroform	104	ND	D022	6		<<<<<<50			<<<<<<1			<<<<<<2
Methyl Ethyl Ketone	104	ND	D035	200		<<<<<<50			<<<<<<0.25			<<<<<<0.5
Tetrachloroethylene	104	215	D039	0.7		**280**				**99**		
Trichloroethylene	104	9.1	D040	0.5		<<<<<<50				**3.5**		**2.7**
Vinyl Chloride	104	ND	D043	0.2		<<<<<<50			<<<<<<0.1			<<<<<<0.2

Immersion Cleaner

				Sample Number	C2J010120002R2	C2J010315001	C2J010315002	C2J010315002R2	C2J040342001	C2J040342002	C2J040342002R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Clackamas,OR	Gering,NE	Gering,NE	Gering,NE	Grand Island,NE	Grand Island,NE	Grand Island,NE
BNA											
2,4,5-Trichlorophenol	104	ND	D041	400		63			56		
2,4,6-Trichlorophenol	104	ND	D042	2		<<<<<<20			<<<<<<20		
2,4-Dinitrotoluene	104	ND	D030	0.13		<<<<<<20			<<<<<<20		
2-Methylphenol	104	ND	D023	200		**240**			70		
3+4-Methylphenol	104	ND	D024/25	200		**220**			93		
Hexachlorobenzene	104	ND	D032	0.13		<<<<<<20			<<<<<<20		
Hexachlorobutadiene	104	ND	D033	0.5		<<<<<<20			<<<<<<20		
Hexachloroethane	104	ND	D034	3		<<<<<<20			<<<<<<20		
Nitrobenzene	104	ND	D036	2		<<<<<<20			<<<<<<20		
Pentachlorophenol	104	ND	D037	100		<<<<<<600			<<<<<<600		
Pyridine	104	ND	D038	5		**36**			**28**		
METALS											
Arsenic	104	ND	D004	5		<<<<<<0.1			<<<<<<0.5		
Barium	104	0.735	D005	100		<<<<<<2			<<<<<<10		
Cadmium	104	1.52	D006	1		0.49			**5.4**		
Chromium	104	ND	D007	5		0.092			0.93		
Lead	104	7.1	D008	5		1.7			**33**		
Mercury	104	ND	D009	0.2		0.006			0.0058		
Selenium	104	ND	D010	1		0.12			**1.2**		
Silver	104	ND	D011	5		<<<<<<0.05			<<<<<<0.25		
Misc											
Flash Point	104	164	D001	140		161			166		
pH	107	9.83	D002	2-12.5		10.4			11.2		
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7			<<<<<<0.25			<<<<<<0.25	
1,2-Dichloroethane	104	ND	D028	0.5			<<<<<<0.25			<<<<<<0.25	
1,4-Dichlorobenzene	104	140	D027	7.5	**110**			**150**			**170**
Benzene	104	ND	D018	0.5			**0.53**			0.41	
Carbon Tetrachloride	104	ND	D019	0.5			<<<<<<0.25			<<<<<<0.25	
Chlorobenzene	104	7.3	D021	100	3			6.2			10
Chloroform	104	ND	D022	6			<<<<<<1			<<<<<<1	
Methyl Ethyl Ketone	104	ND	D035	200			<<<<<<0.25				4.3
Tetrachloroethylene	104	215	D039	0.7	**190**			**270**			**250**
Trichloroethylene	104	9.1	D040	0.5			**8.4**				**16**
Vinyl Chloride	104	ND	D043	0.2			<<<<<<0.1			<<<<<<0.1	

Immersion Cleaner

				Sample Number	C2J170222001	C2J170222001R2	C2J170222002	C2K010363001R2	C2K010363002	C2K060110001	C2K080237001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Nepean,ON	Nepean,ON	Nepean,ON	St_ Charles,MO	St_ Charles,MO	Salt Lake City,UT	Oshawa,ON
BNA											
2,4,5-Trichlorophenol	104	ND	D041	400			100		<<<<<<20	<<<<<<1	
2,4,6-Trichlorophenol	104	ND	D042	2			**20**		<<<<<<20	<<<<<<1	
2,4-Dinitrotoluene	104	ND	D030	0.13			<<<<<<20		<<<<<<20	<<<<<<1	
2-Methylphenol	104	ND	D023	200			190		<<<<<<20	<<<<<<1	
3+4-Methylphenol	104	ND	D024/25	200			**270**		<<<<<<20	<<<<<<1	
Hexachlorobenzene	104	ND	D032	0.13			<<<<<<20		<<<<<<20	<<<<<<1	
Hexachlorobutadiene	104	ND	D033	0.5			<<<<<<20		<<<<<<20	<<<<<<1	
Hexachloroethane	104	ND	D034	3			<<<<<<20		<<<<<<20	<<<<<<1	
Nitrobenzene	104	ND	D036	2			<<<<<<20		<<<<<<20	<<<<<<1	
Pentachlorophenol	104	ND	D037	100			<<<<<<600		<<<<<<600	<<<<<<60	
Pyridine	104	ND	D038	5			**56**		<<<<<<20	<<<<<<1	
METALS											
Arsenic	104	ND	D004	5			0.54		<<<<<<0.5	<<<<<<0.5	
Barium	104	0.735	D005	100			<<<<<<10		<<<<<<10	<<<<<<10	
Cadmium	104	1.52	D006	1			0.38		**11.3**	0.56	
Chromium	104	ND	D007	5			**14**		3.9	0.63	
Lead	104	7.1	D008	5			**14.7**		**6.8**	1.7	
Mercury	104	ND	D009	0.2			0.0025		0.005	<<<<<<0.002	
Selenium	104	ND	D010	1			**1.4**		0.55	0.63	
Silver	104	ND	D011	5			<<<<<<0.25		<<<<<<0.25	<<<<<<0.25	
Misc											
Flash Point	104	164	D001	140	166				148	148	149
pH	107	9.83	D002	2-12.5	10.4				11	6.9	10.2
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7		<<<<<<5		<<<<<<5		<<<<<<0.25	
1,2-Dichloroethane	104	ND	D028	0.5		<<<<<<5		<<<<<<5		<<<<<<0.25	
1,4-Dichlorobenzene	104	140	D027	7.5		**210**		**110**		**14**	
Benzene	104	ND	D018	0.5		<<<<<<5		<<<<<<5		<<<<<<0.25	
Carbon Tetrachloride	104	ND	D019	0.5		<<<<<<5		<<<<<<5		<<<<<<0.25	
Chlorobenzene	104	7.3	D021	100		11		7.6		1.2	
Chloroform	104	ND	D022	6		<<<<<<20		<<<<<<20		<<<<<<1	
Methyl Ethyl Ketone	104	ND	D035	200		<<<<<<5		5.9		<<<<<<0.25	
Tetrachloroethylene	104	215	D039	0.7		**210**		**290**		**24**	
Trichloroethylene	104	9.1	D040	0.5		**22**		**11**		1.4	
Vinyl Chloride	104	ND	D043	0.2		<<<<<<2		<<<<<<2		<<<<<<0.1	

Immersion Cleaner

				Sample Number	C2K080237001R2	C2K080237002	C2K080360001	C2K080374001	C2K130192001	C2K130192001R2	C2K130263001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Oshawa,ON	Oshawa,ON	Los Angeles,CA	El Monte,CA	Sacramento,CA	Sacramento,CA	Highland,CA
BNA											
2,4,5-Trichlorophenol	104	ND	D041	400		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
2,4,6-Trichlorophenol	104	ND	D042	2		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
2,4-Dinitrotoluene	104	ND	D030	0.13		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
2-Methylphenol	104	ND	D023	200		<<<<<<20	0.08	<<<<<0.05	<<<<<20		<<<<<20
3+4-Methylphenol	104	ND	D024/25	200		70	0.27	0.052	75		<<<<<20
Hexachlorobenzene	104	ND	D032	0.13		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
Hexachlorobutadiene	104	ND	D033	0.5		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
Hexachloroethane	104	ND	D034	3		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
Nitrobenzene	104	ND	D036	2		<<<<<<20	0.66	<<<<<0.05	<<<<<20		<<<<<20
Pentachlorophenol	104	ND	D037	100		<<<<<<600	<<<<<3	<<<<<3	<<<<<600		<<<<<600
Pyridine	104	ND	D038	5		<<<<<<20	<<<<<0.05	<<<<<0.05	<<<<<20		<<<<<20
METALS											
Arsenic	104	ND	D004	5		<<<<<<0.5	<<<<<0.5	<<<<<0.5	<<<<<0.5		<<<<<0.5
Barium	104	0.735	D005	100		<<<<<<10	<<<<<10	<<<<<10	<<<<<10		<<<<<10
Cadmium	104	1.52	D006	1		**4.6**	<<<<<0.25	<<<<<0.25	**37.4**		<<<<<0.25
Chromium	104	ND	D007	5		0.48	<<<<<0.25	<<<<<0.25	0.67		<<<<<0.25
Lead	104	7.1	D008	5		**7.1**	2.2	<<<<<0.15	**13.7**		0.45
Mercury	104	ND	D009	0.2		0.0048	<<<<<0.002	<<<<<0.002	0.025		<<<<<0.002
Selenium	104	ND	D010	1		0.91	<<<<<0.25	<<<<<0.25	0.96		<<<<<0.25
Silver	104	ND	D011	5		<<<<<<0.25	<<<<<0.25	<<<<<0.25	<<<<<0.25		<<<<<0.25
Misc											
Flash Point	104	164	D001	140			140	145	146		142
pH	107	9.83	D002	2-12.5			10.9	11	11		11.9
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7	<<<<<<5		<<<<<0.5	<<<<<0.5		<<<<<5	<<<<<0.5
1,2-Dichloroethane	104	ND	D028	0.5	<<<<<<5		<<<<<0.5	<<<<<0.5		<<<<<5	<<<<<0.5
1,4-Dichlorobenzene	104	140	D027	7.5	**160**		<<<<<0.5	<<<<<2		**140**	<<<<<2
Benzene	104	ND	D018	0.5	<<<<<<5		<<<<<0.5	<<<<<0.5		<<<<<5	<<<<<0.5
Carbon Tetrachloride	104	ND	D019	0.5	<<<<<<5		<<<<<0.5	<<<<<0.5		<<<<<5	<<<<<0.5
Chlorobenzene	104	7.3	D021	100	6.9		<<<<<0.5	<<<<<0.5		<<<<<5	<<<<<0.5
Chloroform	104	ND	D022	6	<<<<<<20		<<<<<2	<<<<<2		<<<<<20	<<<<<2
Methyl Ethyl Ketone	104	ND	D035	200	<<<<<<5		<<<<<0.5	<<<<<2		<<<<<5	<<<<<2
Tetrachloroethylene	104	215	D039	0.7	**130**		**5.7**	<<<<<0.5		**350**	<<<<<0.5
Trichloroethylene	104	9.1	D040	0.5	**13**		<<<<<0.5	<<<<<0.5		**29**	<<<<<0.5
Vinyl Chloride	104	ND	D043	0.2	<<<<<<2		<<<<<0.2	<<<<<0.2		<<<<<2	<<<<<0.2

Immersion Cleaner

				Sample Number	C2K130278001	C2K130278001R2	C2K130366001	C2K130402001	C2K140132001	C2K140156001	C2K140156001R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Rohnert Park,CA	Rohnert Park,CA	Wichita,KS	Santa Anna,CA	Sacramento,CA	Oakland,CA	Oakland,CA
BNA											
2,4,5-Trichlorophenol	104	ND	D041	400	<20		<<20	<<<<<20	<20	<20	
2,4,6-Trichlorophenol	104	ND	D042	2	<20		<<20	<<<<<20	<20	<20	
2,4-Dinitrotoluene	104	ND	D030	0.13	<20		<<20	<<<<<20	<20	<20	
2-Methylphenol	104	ND	D023	200	<20		<<20	<<<<<20	<20	120	
3+4-Methylphenol	104	ND	D024/25	200	87		<<20	<<<<<20	80	140	
Hexachlorobenzene	104	ND	D032	0.13	<20		<<20	<<<<<20	<20	<20	
Hexachlorobutadiene	104	ND	D033	0.5	<20		<<20	<<<<<20	<20	<20	
Hexachloroethane	104	ND	D034	3	<20		<<20	<<<<<20	<20	<20	
Nitrobenzene	104	ND	D036	2	<20		<<20	<<<<<20	<20	<20	
Pentachlorophenol	104	ND	D037	100	<600		<<600	<<<<<600	<600	<600	
Pyridine	104	ND	D038	5	<20		<<20	<<<<<20	<20	<20	
METALS											
Arsenic	104	ND	D004	5	<0.5		<<0.5	<<<<<0.5	<0.5	<0.5	
Barium	104	0.735	D005	100	<10		<<10	<<<<<10	<10	<10	
Cadmium	104	1.52	D006	1	**28.7**		**82.1**	<<<<<0.25	**4.9**	**302**	
Chromium	104	ND	D007	5	0.72		4.4	<<<<<0.25	1.1	**31.2**	
Lead	104	7.1	D008	5	**162**		**12**	0.24	5	**299**	
Mercury	104	ND	D009	0.2	0.035		0.0074	<<<<<0.002	0.058	0.022	
Selenium	104	ND	D010	1	0.83		0.67	<<<<<0.25	0.91	1.1	
Silver	104	ND	D011	5	<0.25		**6.7**	<<<<<0.25	<0.25	<0.25	
Misc											
Flash Point	104	164	D001	140	**138**		144	144	146	144	
pH	107	9.83	D002	2-12.5	10.2		10	11.1	10.9	9.8	
VOA											
1,1-Dichloroethylene	104	ND	D029	0.7		<5	<<0.5	<<<<<0.5	<0.5		<5
1,2-Dichloroethane	104	ND	D028	0.5		<5	<<0.5	<<<<<0.5	<0.5		<5
1,4-Dichlorobenzene	104	140	D027	7.5		**160**	**58**	<<<<<2	**59**		**140**
Benzene	104	ND	D018	0.5		**86**	<<0.5	<<<<<0.5	<0.5		**5.2**
Carbon Tetrachloride	104	ND	D019	0.5		<5	<<0.5	<<<<<0.5	<0.5		<5
Chlorobenzene	104	7.3	D021	100		<5	2.2	<<<<<0.5	1.6		<5
Chloroform	104	ND	D022	6		<20	<<2	<<<<<2	<2		<20
Methyl Ethyl Ketone	104	ND	D035	200		<20	<<2	<<<<<2	<2		34
Tetrachloroethylene	104	215	D039	0.7		**400**	**48**	<<<<<0.5	**76**		**200**
Trichloroethylene	104	9.1	D040	0.5		**100**	**2.2**	<<<<<0.5	**3**		**30**
Vinyl Chloride	104	ND	D043	0.2		<2	<<0.2	<<<<<0.2	<0.2		<2

Immersion Cleaner

				Sample Number	C2K220125001	C2K220125001R2
				Year	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Omaha,NE	Omaha,NE
BNA						
2,4,5-Trichlorophenol	104	ND	D041	400	<<20	
2,4,6-Trichlorophenol	104	ND	D042	2	<<20	
2,4-Dinitrotoluene	104	ND	D030	0.13	<<20	
2-Methylphenol	104	ND	D023	200	<<20	
3+4-Methylphenol	104	ND	D024/25	200	<<20	
Hexachlorobenzene	104	ND	D032	0.13	<<20	
Hexachlorobutadiene	104	ND	D033	0.5	<<20	
Hexachloroethane	104	ND	D034	3	<<20	
Nitrobenzene	104	ND	D036	2	<<20	
Pentachlorophenol	104	ND	D037	100	<<600	
Pyridine	104	ND	D038	5	<<20	
METALS						
Arsenic	104	ND	D004	5	<<0.5	
Barium	104	0.735	D005	100	<<10	
Cadmium	104	1.52	D006	1	**4.4**	
Chromium	104	ND	D007	5	0.38	
Lead	104	7.1	D008	5	**11.7**	
Mercury	104	ND	D009	0.2	0.0049	
Selenium	104	ND	D010	1	0.97	
Silver	104	ND	D011	5	<<0.25	
Misc						
Flash Point	104	164	D001	140	141	
pH	107	9.83	D002	2-12.5	10.4	
VOA						
1,1-Dichloroethylene	104	ND	D029	0.7		<<5
1,2-Dichloroethane	104	ND	D028	0.5		<<5
1,4-Dichlorobenzene	104	140	D027	7.5		**170**
Benzene	104	ND	D018	0.5		<<5
Carbon Tetrachloride	104	ND	D019	0.5		<<5
Chlorobenzene	104	7.3	D021	100		6.2
Chloroform	104	ND	D022	6		<<20
Methyl Ethyl Ketone	104	ND	D035	200		<<20
Tetrachloroethylene	104	215	D039	0.7		**300**
Trichloroethylene	104	9.1	D040	0.5		**9.2**
Vinyl Chloride	104	ND	D043	0.2		<<2

Paint Gun Cleaner

				Sample Number	2008505	2015440	2015464	2017365	2017366	2029632	2039385
				Year	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Denton,TX	Albuquerque,NM	Omaha,NE	Edwardsville,KS	Edwardsville,KS	Salt Lake City,UT	Pineville,LA
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400	<200	<200	<200	<200	<12.47	<200	<200
2,4,6-Trichlorophenol	67	ND	D042	2	<200	<200	<200	<200	<12.47	<200	<200
2,4-Dinitrotoluene	67	ND	D030	0.13	<110	<40	<40	<40	<2.494	<40	<40
2-Methylphenol	67	ND	D023	200	<200	<200	<200	<200	<12.47	<200	<200
3+4-Methylphenol	67	ND	D024/25	200	<200	<200	<200	<200	<12.47	<200	<200
Hexachlorobenzene	67	ND	D032	0.13	<170	<40	<40	<40	<2.494	<40	<40
Hexachlorobutadiene	67	ND	D033	0.5	<200	<200	<200	<200	<12.47	<200	<200
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<12.47	<200	<200
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<12.47	<200	<200
Pentachlorophenol	67	ND	D037	100	<200	<200	<200	<200	<12.47	<200	<200
Pyridine	67	ND	D038	5	<210	<200	<210	<210	<13.3429	<210	<210
METALS											
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<0.77	<5.00	<5.00
Barium	67	3.8	D005	100	0.594	4.44	3.29	0.904	3.111	<0.500	8.64
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.077	<0.500	<0.500
Chromium	67	ND	D007	5	<0.500	<0.500	<0.500	<0.500	3.972	3.85	**5.73**
Lead	67	ND	D008	5	<4.00	<4.00	<4.00	<4.00	**15.964**	<4.00	**16.9**
Mercury	67	ND	D009	0.2	<0.10	<0.10	<0.040	<0.10	<0.003152	<0.10	<0.10
Selenium	67	ND	D010	1	<0.45	<0.45	<0.008	<0.45	<0.70545	<0.45	<0.45
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.077	<0.500	<0.500
Misc											
Flash Point	66	69	D001	140	<70	**69**	**69**	**69**	**69**	**69**	**69**
pH	70	6	D002	2-12.5	4.33	7.3	4.7	5.2	4.1	4.13	6.75
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<40	<40	<4.0	<4.0	<2.588	<4.0	<4.0
1,2-Dichloroethane	68	ND	D028	0.5	<20	<20	<2.0	<2.0	<1.388	<2.0	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<50	<50	<5.0	<5.0	<3.188	<5.0	<5.0
Benzene	68	65.21	D018	0.5	**145**	**102**	**75**	**44.3**	**1.952**	**40.1**	**94.1**
Carbon Tetrachloride	68	ND	D019	0.5	<20	<20	<2.0	<2.0	<1.388	<2.0	<2.0
Chlorobenzene	68	ND	D021	100	<20	<20	<2.0	<2.0	<1.388	<2.0	<2.0
Chloroform	68	4.4	D022	6	<20	<20	<2.0	<2.0	<1.388	<2.0	<2.0
Methyl Ethyl Ketone	68	58000	D035	200	**48400**	**104000**	**22700**	**25500**	**1722.87**	**1190**	**31700**
Tetrachloroethylene	68	102	D039	0.7	**30**	**99.5**	**102**	**44.6**	**3.998**	<2.0	**179**
Trichloroethylene	68	133	D040	0.5	**27.9**	**91.8**	**113**	**39.1**	**3.986**	<2.0	**84.7**
Vinyl Chloride	68	ND	D043	0.2	<15	<15	<1.5	<1.5	<1.0316	<1.5	<1.5

Paint Gun Cleaner

				Sample Number	2042572	2045080	2050723	2050732	2053037	2057493	2058617
				Year	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sioux Falls,SD	St_ Charles,MO	Columbus,GA	Norcross,GA	Greer,SC	Boynton Beach,FL	Salt Lake City,UT
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400	<200	<200	<200	<200	<200	<200	<0.50
2,4,6-Trichlorophenol	67	ND	D042	2	<200	<200	<200	<200	<200	<200	<0.50
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<0.10
2-Methylphenol	67	ND	D023	200	<200	<200	<200	<200	<200	<200	<50
3+4-Methylphenol	67	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<50
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<0.10
Hexachlorobutadiene	67	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<0.50
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<200	<200	<0.50
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<200	<200	<0.50
Pentachlorophenol	67	ND	D037	100	<200	<200	<200	<200	<200	<200	<0.50
Pyridine	67	ND	D038	5	<210	<210	<210	<210	<210	<210	<0.54
METALS											
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500
Barium	67	3.8	D005	100	2.36	3.8	1.12	<0.500	24.8	<0.500	4.25
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Chromium	67	ND	D007	5	0.603	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Lead	67	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<0.400
Mercury	67	ND	D009	0.2	<0.10	<0.10	0.1	<0.10	<0.10	<0.10	<0.0008
Selenium	67	ND	D010	1	<0.45	<0.008	<0.45	<0.45	<0.45	<0.45	<0.750
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Misc											
Flash Point	66	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	70	6	D002	2-12.5	4.58	5.28	7.51	4.6	7.23	4.56	6.34
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<4.0	<4.0	<80	<8.0	<8.0	<4.0	<0.20
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<2.0	<40	<8.0	<4.0	<2.0	<0.20
1,4-Dichlorobenzene	68	ND	D027	7.5	<5.0	<5.0	<100	<8.0	<10.0	<5.0	<0.20
Benzene	68	65.21	D018	0.5	**57.4**	**53.4**	<40	**65.21**	**65.8**	**43.1**	<0.20
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<2.0	<40	<8.0	<4.0	<2.0	<0.20
Chlorobenzene	68	ND	D021	100	<2.0	<2.0	<40	<8.0	<4.0	<2.0	<0.20
Chloroform	68	4.4	D022	6	<2.0	<2.0	<40	<8.0	<4.0	<2.0	<0.20
Methyl Ethyl Ketone	68	58000	D035	200	**32900**	**32300**	**3180**	**42290**	**7460**	**22700**	**958.6**
Tetrachloroethylene	68	102	D039	0.7	**72.6**	**45.3**	<40	**56.87**	<4.0	**46.2**	<0.20
Trichloroethylene	68	133	D040	0.5	**84.8**	**62.5**	<40	**89.58**	<4.0	**192**	<0.20
Vinyl Chloride	68	ND	D043	0.2	<1.5	<1.5	<30	<5.6	<3.0	<1.5	<0.14

Paint Gun Cleaner

				Sample Number	2067116	2067117	2075103	2075108	2078179	2080699	2082225	2082488
				Year	2000	2000	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Salida,CA	Rohnert Park,CA	Denton,TX	Denton,TX	Omaha,NE	Sioux Falls,SD	Albuquerque,NM	Grand Island,NE
BNA												
2,4,5-Trichlorophenol	67	ND	D041	400	<200	<200	<200	<200	<200	<300	<200	<300
2,4,6-Trichlorophenol	67	ND	D042	2	<200	<200	<200	<200	<200	<300	<200	<300
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	67	ND	D023	200	<200	<200	<200	<200	<200	<400	<200	<400
3+4-Methylphenol	67	ND	D024/25	200	<200	<200	<200	<200	<200	<500	<200	<500
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	67	ND	D033	0.5	<200	<200	<200	<200	<200	<100	<200	<100
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	67	ND	D037	100	<200	<200	<200	<200	<200	<520	<200	<520
Pyridine	67	ND	D038	5	<210	<210	<210	<210	<210	<580	<210	<580
METALS												
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	67	3.8	D005	100	0.522	0.991	4.47	<0.500	1.42	1.91	0.589	10.3
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	67	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.994
Lead	67	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	67	ND	D009	0.2	<0.10	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10
Selenium	67	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	66	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	70	6	D002	2-12.5	5.61	4.33	7.14	4.64	4.55	4.66	5.80	6.72
VOA												
1,1-Dichloroethylene	68	ND	D029	0.7	<400	<40	<2.0	<4.0	<2.0	<1.6	<16	<4.0
1,2-Dichloroethane	68	ND	D028	0.5	<200	<20	<1.0	<2.0	<1.0	<0.80	<8.0	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<500	<50	<2.5	<5.0	<2.5	<2.0	<20	<5.0
Benzene	68	65.21	D018	0.5	**247**	**166**	**33.2**	**79.1**	**42.6**	**40**	**112**	**25.1**
Carbon Tetrachloride	68	ND	D019	0.5	<200	<20	<1.0	<2.0	<1.0	**3.1**	<8.0	<2.0
Chlorobenzene	68	ND	D021	100	<200	<20	<1.0	<2.0	<1.0	<0.80	<8.0	<2.0
Chloroform	68	4.4	D022	6	<200	<20	<1.0	<2.0	<1.0	<0.80	<8.0	<2.0
Methyl Ethyl Ketone	68	58000	D035	200	**92000**	**77700**	**6000**	**10700**	**7910**	**9560**	**53600**	**18400**
Tetrachloroethylene	68	102	D039	0.7	<200	**86.1**	**1.7**	**92.4**	**46.2**	**480**	**61.8**	**38**
Trichloroethylene	68	133	D040	0.5	<200	**51.8**	<1.0	**59.8**	**125**	**310**	**19.2**	**57.6**
Vinyl Chloride	68	ND	D043	0.2	<150	<15	<0.75	<1.5	<0.75	<0.60	<6.0	<1.5

Paint Gun Cleaner

				Sample Number	2082511	2083131	2085307	2085310	2085318	2088252	2088255
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Grand Island,NE	Salt Lake City,UT	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY	Columbus,GA	Highland,CA
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400	<300	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	67	ND	D042	2	<300	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	67	ND	D023	200	<400	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	67	ND	D024/25	200	<500	<500	<500	<500	<500	<500	<500
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	67	ND	D033	0.5	<100	<200	<200	<200	<200	<200	<200
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	67	ND	D037	100	<520	<520	<520	<520	<520	<520	<520
Pyridine	67	ND	D038	5	<580	<580	<580	<580	<580	<580	<580
METALS											
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	67	3.8	D005	100	1.88	<0.500	1.77	0.688	<0.500	<0.500	<0.500
Cadmium	67	ND	D006	1	<0.500	0.528	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	67	ND	D007	5	<0.500	0.501	3.99	1.22	<0.500	<0.500	<0.500
Lead	67	ND	D008	5	<4.00	<4.00	**15.7**	4.73	<4.00	<4.00	<4.00
Mercury	67	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	67	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	66	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	70	6	D002	2-12.5	4.75	6.05	5.92	4.63	6.78	5.23	5.11
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<4.0	<1.6	<2.0	<2.0	<1.6	<4.0	<4.0
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<0.80	<1.0	<1.0	<0.80	<2.0	<2.0
1,4-Dichlorobenzene	68	ND	D027	7.5	<5.0	<2.0	<2.5	<2.5	<2.0	<5.0	<5.0
Benzene	68	65.21	D018	0.5	**41.2**	**52.4**	**22.2**	**32.8**	**26.8**	**35.5**	**44**
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<0.80	<1.0	<1.0	<0.80	<2.0	<2.0
Chlorobenzene	68	ND	D021	100	<2.0	<0.80	<1.0	<1.0	<0.80	<2.0	<2.0
Chloroform	68	4.4	D022	6	<2.0	3.8	<1.0	<1.0	<0.80	4.6	4.4
Methyl Ethyl Ketone	68	58000	D035	200	**16500**	**9720**	**9440**	**11200**	**8460**	**116000**	**78100**
Tetrachloroethylene	68	102	D039	0.7	**75.4**	**113**	**40**	**55.3**	**96.7**	**109**	**16.6**
Trichloroethylene	68	133	D040	0.5	**142**	**108**	**70.9**	**95.8**	**155**	**262**	**39**
Vinyl Chloride	68	ND	D043	0.2	<1.5	<0.60	<0.75	<0.75	<0.60	<1.5	<1.5

Paint Gun Cleaner

				Sample Number	2088695	2090896	2091677	2093901	2094178	2094887	2095110	2095112
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Wichita,KS	Oklahoma City,OK	Tulsa,OK	Pineville,LA	Oakland,CA	Boynton Beach,FL	Norcross,GA	Norcross,GA
BNA												
2,4,5-Trichlorophenol	67	ND	D041	400	<300	<300	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	67	ND	D042	2	<300	<300	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	67	ND	D023	200	<400	<400	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	67	ND	D024/25	200	<500	<500	<500	<400	<400	<400	<400	<400
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	67	ND	D033	0.5	<100	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	67	ND	D037	100	<520	<520	<520	<520	<520	<520	<520	<520
Pyridine	67	ND	D038	5	<580	<580	<580	<500	<500	<500	<500	<500
METALS												
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	67	3.8	D005	100	3.41	<0.500	<0.500	1.25	9.92	<0.500	<0.500	51.8
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	67	ND	D007	5	<0.500	**5.35**	<0.500	<0.500	**5.80**	<0.500	<0.500	<0.500
Lead	67	ND	D008	5	<4.00	<4.00	<4.00	<4.00	**34.8**	<4.00	<4.00	<4.00
Mercury	67	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.100	<0.100	<0.10	<0.10
Selenium	67	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	66	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	70	6	D002	2-12.5	6.69	4.45	6.96	4.89	6.64	5.99	4.67	5.01
VOA												
1,1-Dichloroethylene	68	ND	D029	0.7	<4.0	<4.0	<4.0	<40	<40	<4.0	<1.6	<1.6
1,2-Dichloroethane	68	ND	D028	0.5	<2.0	<2.0	<2.0	<20	<20	<2.0	<0.80	<0.80
1,4-Dichlorobenzene	68	ND	D027	7.5	<5.0	<5.0	<5.0	<50	<50	<5.0	<2.0	<2.0
Benzene	68	65.21	D018	0.5	**104**	**95.5**	**79.8**	**951**	**40.2**	**34.3**	**39.1**	**46.2**
Carbon Tetrachloride	68	ND	D019	0.5	<2.0	<2.0	<2.0	<20	<20	<2.0	<0.80	<0.80
Chlorobenzene	68	ND	D021	100	<2.0	<2.0	<2.0	<20	<20	<2.0	<0.80	<0.80
Chloroform	68	4.4	D022	6	<2.0	<2.0	<2.0	<20	<20	<2.0	5.8	<0.80
Methyl Ethyl Ketone	68	58000	D035	200	**137000**	**127000**	<5.0	**1360000**	**233000**	**174000**	**90400**	**73100**
Tetrachloroethylene	68	102	D039	0.7	**266**	**182**	**51.2**	**36500**	**32.6**	**104**	**288**	**141**
Trichloroethylene	68	133	D040	0.5	**59.1**	**62.7**	**17.1**	**441**	<20	**136**	**220**	**170**
Vinyl Chloride	68	ND	D043	0.2	<1.5	<1.5	<1.5	<15	<15	<1.5	<0.60	<0.60

Paint Gun Cleaner

				Sample Number	2097345	2097349	2098611	2118943	2123650	2126776	2134284	2138254	2138805
				Year	2001	2001	2001	2001	2001	2001	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Avon,NY	Avon,NY	Greer,SC	Salt Lake City,UT	Oakland,CA	Salida,CA	Denton,TX	Greer,SC	Tallahassee,FL
BNA													
2,4,5-Trichlorophenol	67	ND	D041	400	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	67	ND	D042	2	<300	<300	<300	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	67	ND	D023	200	<400	<400	<400	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	67	ND	D024/25	200	<400	<400	<400	<400	<400	<400	<400	<400	<400
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	67	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<100	<200	<200
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	67	ND	D037	100	<520	<520	<520	<520	<520	<520	<520	<520	<520
Pyridine	67	ND	D038	5	<500	<500	<500	<500	<500	<500	<500	<500	<500
METALS													
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	67	3.8	D005	100	<0.500	1.38	<0.500	2.04	31.7	0.551	<5.00	<5.00	<5.00
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	67	ND	D007	5	<0.500	**14.4**	<0.500	**9.33**	0.601	<0.500	1.95	<0.500	<0.500
Lead	67	ND	D008	5	<4.00	**98.4**	<4.00	**27.3**	<4.00	<4.00	**13.1**	<4.00	<4.00
Mercury	67	ND	D009	0.2	<0.10	<0.10	<0.10	<0.100	<0.10	<0.10	0.063	<0.040	<0.040
Selenium	67	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	66	69	D001	140	**69**	**69**	<70	<70	**69**	**69**	**69**	**69**	
pH	70	6	D002	2-12.5	5.64	7.03	4.41	5.98	5.18	6.67	4.71	4.73	4.29
VOA													
1,1-Dichloroethylene	68	ND	D029	0.7	<0.80	<4.0	<4.0	<4.0	<4.0	<2.0	<0.40	<4.0	<40
1,2-Dichloroethane	68	ND	D028	0.5	<0.40	<2.0	<2.0	<2.0	<2.0	<1.0	<0.20	<2.0	<20
1,4-Dichlorobenzene	68	ND	D027	7.5	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.50	<5.0	<50
Benzene	68	65.21	D018	0.5	**53.3**	**13.6**	**61**	**11.4**	**51.8**	**32.7**	**69**	**58**	**46.4**
Carbon Tetrachloride	68	ND	D019	0.5	<0.40	<2.0	**5.2**	<2.0	<2.0	<1.0	<0.20	<2.0	<20
Chlorobenzene	68	ND	D021	100	<0.40	<2.0	<2.0	<2.0	<2.0	<1.0	<0.20	<2.0	<20
Chloroform	68	4.4	D022	6	<0.40	<2.0	**48.3**	<2.0	<2.0	<1.0	<0.20	<2.0	<20
Methyl Ethyl Ketone	68	58000	D035	200	**95500**	**58000**	**167000**	**10800**	**15500**	**16800**	**8000**	**39300**	**93300**
Tetrachloroethylene	68	102	D039	0.7	**78.1**	**11.2**	**194**	**9.5**	**20.1**	<1.0	**52.7**	**86.6**	**114**
Trichloroethylene	68	133	D040	0.5	**325**	<2.0	**305**	<2.0	**3.6**	<1.0	**16.2**	**178**	**127**
Vinyl Chloride	68	ND	D043	0.2	<0.30	<1.5	<1.5	<1.5	<1.5	<0.75	<0.15	<1.5	<15

Paint Gun Cleaner

				Sample Number	2139363	2139812	2140379	2141018	C2F210337001	C2F210337001X	C2G090269001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Boynton Beach,FL	Salt Lake City,UT	Columbus,GA	Norcross,GA	Pineville,LA	Pineville,LA	Albuquerque,NM
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400	<300	<300	<300	<300	<<<<<<20		<<<<<<20
2,4,6-Trichlorophenol	67	ND	D042	2	<300	<300	<300	<300	<<<<<<20		<<<<<<20
2,4-Dinitrotoluene	67	ND	D030	0.13	<40	<40	<40	<40	<<<<<<20		<<<<<<20
2-Methylphenol	67	ND	D023	200	<400	<400	<400	<400	**370**		<<<<<<20
3+4-Methylphenol	67	ND	D024/25	200	<400	<400	<400	<400	180		<<<<<<20
Hexachlorobenzene	67	ND	D032	0.13	<40	<40	<40	<40	<<<<<<20		<<<<<<20
Hexachlorobutadiene	67	ND	D033	0.5	<200	<100	<100	<200	<<<<<<20		<<<<<<20
Hexachloroethane	67	ND	D034	3	<200	<200	<200	<200	<<<<<<20		<<<<<<20
Nitrobenzene	67	ND	D036	2	<200	<200	<200	<200	<<<<<<20		<<<<<<20
Pentachlorophenol	67	ND	D037	100	<520	<520	<520	<520	<<<<<<1200		<<<<<<600
Pyridine	67	ND	D038	5	<500	<500	<500	<500	<<<<<<20		<<<<<<20
METALS											
Arsenic	67	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<<<<<<1		<<<<<<1
Barium	67	3.8	D005	100	<5.00	11.7	<5.00	<5.00	<<<<<<20		<<<<<<20
Cadmium	67	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<<<<<<0.5		<<<<<<0.5
Chromium	67	ND	D007	5	<0.500	3.52	<0.500	<0.500	<<<<<<0.5		<<<<<<0.5
Lead	67	ND	D008	5	<4.00	<4.00	<4.00	<4.00	0.51		<<<<<<0.3
Mercury	67	ND	D009	0.2	<0.1	<0.10	<0.040	<0.040	<<<<<<0.033		<<<<<<0.033
Selenium	67	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<<<<<<0.5		<<<<<<0.5
Silver	67	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	66	69	D001	140	<70	<70	**69**	<70		**69.6**	
pH	70	6	D002	2-12.5	4.71	4.54	4.92	4.41	10.1		6.2
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7	<40	<0.80	<4.0	<4.0	<<<<<<1000		<<<<<<1000
1,2-Dichloroethane	68	ND	D028	0.5	<20	<0.40	<2.0	<2.0	<<<<<<1000		<<<<<<1000
1,4-Dichlorobenzene	68	ND	D027	7.5	<50	<1.0	<5.0	<5.0	<<<<<<1000		<<<<<<1000
Benzene	68	65.21	D018	0.5	**37.5**	**65.2**	**40.5**	**31.3**	<<<<<<1000		<<<<<<1000
Carbon Tetrachloride	68	ND	D019	0.5	<20	<0.40	<2.0	<2.0	<<<<<<1000		<<<<<<1000
Chlorobenzene	68	ND	D021	100	<20	<0.40	<2.0	<2.0	<<<<<<1000		<<<<<<1000
Chloroform	68	4.4	D022	6	<20	<0.40	<2.0	<2.0	<<<<<<4000		<<<<<<4000
Methyl Ethyl Ketone	68	58000	D035	200	**46300**	**8920**	**12300**	**27800**	**100000**		**79000**
Tetrachloroethylene	68	102	D039	0.7	**96**	**10.6**	**57.5**	**135**	<<<<<<1000		<<<<<<1000
Trichloroethylene	68	133	D040	0.5	**95.1**	**3.9**	**133**	**122**	<<<<<<1000		<<<<<<1000
Vinyl Chloride	68	ND	D043	0.2	<15	<0.30	<1.5	<1.5	<<<<<<400		<<<<<<400

Paint Gun Cleaner

				Sample Number	C2G090269001X	C2I250313001	C2I250313001R2	C2J010108001	C2J010108001R2	C2J010108001X	C2J010117001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Albuquerque,NM	Boise,ID	Boise,ID	Tampa,FL	Tampa,FL	Tampa,FL	Clackamas,OR
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400		45		50			49
2,4,6-Trichlorophenol	67	ND	D042	2		<<<<<<20		<<<<<<20			<<<<<<20
2,4-Dinitrotoluene	67	ND	D030	0.13		<<<<<<20		<<<<<<20			<<<<<<20
2-Methylphenol	67	ND	D023	200		23		46			48
3+4-Methylphenol	67	ND	D024/25	200		62		63			65
Hexachlorobenzene	67	ND	D032	0.13		<<<<<<20		<<<<<<20			<<<<<<20
Hexachlorobutadiene	67	ND	D033	0.5		<<<<<<20		<<<<<<20			<<<<<<20
Hexachloroethane	67	ND	D034	3		**140**		<<<<<<20			<<<<<<20
Nitrobenzene	67	ND	D036	2		<<<<<<20		<<<<<<20			<<<<<<20
Pentachlorophenol	67	ND	D037	100		<<<<<<600		<<<<<<600			<<<<<<600
Pyridine	67	ND	D038	5		**30**		**28**			**46**
METALS											
Arsenic	67	ND	D004	5		<<<<<<1		<<<<<<1			<<<<<<1
Barium	67	3.8	D005	100		<<<<<<20		<<<<<<20			<<<<<<20
Cadmium	67	ND	D006	1		<<<<<<0.5		<<<<<<0.5			<<<<<<0.5
Chromium	67	ND	D007	5		<<<<<<0.5		<<<<<<0.5			<<<<<<0.5
Lead	67	ND	D008	5		0.32		0.34			0.38
Mercury	67	ND	D009	0.2		<<<<<<0.033		<<<<<<0.033			<<<<<<0.033
Selenium	67	ND	D010	1		0.82		0.57			<<<<<<0.5
Silver	67	ND	D011	5		<<<<<<0.5		<<<<<<0.5			<<<<<<0.5
Misc											
Flash Point	66	69	D001	140	**50.4**	**62.7**				**67.7**	**67.7**
pH	70	6	D002	2-12.5		6.4				6.1	6.9
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7		<<<<<<0.5		<<<<<<0.5			
1,2-Dichloroethane	68	ND	D028	0.5		<<<<<<0.5		<<<<<<0.5			
1,4-Dichlorobenzene	68	ND	D027	7.5		<<<<<<0.5		<<<<<<0.5			
Benzene	68	65.21	D018	0.5		**34**		**62**			
Carbon Tetrachloride	68	ND	D019	0.5		<<<<<<0.5		<<<<<<0.5			
Chlorobenzene	68	ND	D021	100		<<<<<<0.5		1.3			
Chloroform	68	4.4	D022	6		<<<<<<2		<<<<<<2			
Methyl Ethyl Ketone	68	58000	D035	200			**33000**		**130000**		
Tetrachloroethylene	68	102	D039	0.7		**11**		**78**			
Trichloroethylene	68	133	D040	0.5		<<<<<<0.5		**150**			
Vinyl Chloride	68	ND	D043	0.2		<<<<<<0.2		<<<<<<0.2			

Paint Gun Cleaner

				Sample Number	C2J010117001R2	C2J010316001R2	C2J040329001	C2J040329001R2	C2J150274001	C2J150274001R2
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Clackamas,OR	Gering,NE	Grand Island,NE	Grand Island,NE	Avon,NY	Avon,NY
BNA										
2,4,5-Trichlorophenol	67	ND	D041	400			68		84	
2,4,6-Trichlorophenol	67	ND	D042	2			<<<<<<20		<<<<<<20	
2,4-Dinitrotoluene	67	ND	D030	0.13			<<<<<<20		<<<<<<20	
2-Methylphenol	67	ND	D023	200			40		43	
3+4-Methylphenol	67	ND	D024/25	200			72		90	
Hexachlorobenzene	67	ND	D032	0.13			<<<<<<20		<<<<<<20	
Hexachlorobutadiene	67	ND	D033	0.5			<<<<<<20		<<<<<<20	
Hexachloroethane	67	ND	D034	3			<<<<<<20		<<<<<<20	
Nitrobenzene	67	ND	D036	2			<<<<<<20		<<<<<<20	
Pentachlorophenol	67	ND	D037	100			<<<<<<600		<<<<<<600	
Pyridine	67	ND	D038	5			**30**		**33**	
METALS										
Arsenic	67	ND	D004	5			<<<<<<1		<<<<<<1	
Barium	67	3.8	D005	100			<<<<<<20		**157**	
Cadmium	67	ND	D006	1			<<<<<<0.5		<<<<<<0.5	
Chromium	67	ND	D007	5			0.94		**9.9**	
Lead	67	ND	D008	5			0.97		2.2	
Mercury	67	ND	D009	0.2			<<<<<<0.033		<<<<<<0.033	
Selenium	67	ND	D010	1			<<<<<<0.5		<<<<<<0.5	
Silver	67	ND	D011	5			<<<<<<0.5		<<<<<<0.5	
Misc										
Flash Point	66	69	D001	140			**67.5**		**67.8**	
pH	70	6	D002	2-12.5			5.4		7	
VOA										
1,1-Dichloroethylene	68	ND	D029	0.7	<<<<<<2500	<<<<<<1200	<<<<<<0.5			<<<<<<1000
1,2-Dichloroethane	68	ND	D028	0.5	<<<<<<2500	<<<<<<1200	<<<<<<0.5			<<<<<<1000
1,4-Dichlorobenzene	68	ND	D027	7.5	<<<<<<2500	<<<<<<1200	<<<<<<0.5			<<<<<<1000
Benzene	68	65.21	D018	0.5	<<<<<<2500	<<<<<<1200	**65**			<<<<<<1000
Carbon Tetrachloride	68	ND	D019	0.5	<<<<<<2500	<<<<<<1200	<<<<<<0.5			<<<<<<1000
Chlorobenzene	68	ND	D021	100	<<<<<<2500	<<<<<<1200	<<<<<<0.5			<<<<<<1000
Chloroform	68	4.4	D022	6	<<<<<<10000	<<<<<<5000	**13**			<<<<<<4000
Methyl Ethyl Ketone	68	58000	D035	200	**91000**	**69000**		**92000**		**95000**
Tetrachloroethylene	68	102	D039	0.7	<<<<<<2500	<<<<<<1200		<<<<<<1000		<<<<<<1000
Trichloroethylene	68	133	D040	0.5	<<<<<<2500	<<<<<<1200	**200**			<<<<<<1000
Vinyl Chloride	68	ND	D043	0.2	<<<<<<1000	<<<<<<500	<<<<<<0.2			<<<<<<400

Paint Gun Cleaner

				Sample Number	C2J170169001	C2J170169001R2	C2K010358001	C2K010358001R2	C2K060116001	C2K060116001R2
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Nepean,ON	Nepean,ON	St_ Charles,MO	St_ Charles,MO	Salt Lake City,UT	Salt Lake City,UT
BNA										
2,4,5-Trichlorophenol	67	ND	D041	400	75		<<<<<<20		<<<<<<20	
2,4,6-Trichlorophenol	67	ND	D042	2	<<<<<<20		<<<<<<20		<<<<<<20	
2,4-Dinitrotoluene	67	ND	D030	0.13	<<<<<<20		<<<<<<20		<<<<<<20	
2-Methylphenol	67	ND	D023	200	60		<<<<<<20		<<<<<<20	
3+4-Methylphenol	67	ND	D024/25	200	120		<<<<<<20		<<<<<<20	
Hexachlorobenzene	67	ND	D032	0.13	<<<<<<20		<<<<<<20		<<<<<<20	
Hexachlorobutadiene	67	ND	D033	0.5	<<<<<<20		<<<<<<20		<<<<<<20	
Hexachloroethane	67	ND	D034	3	<<<<<<20		<<<<<<20		<<<<<<20	
Nitrobenzene	67	ND	D036	2	<<<<<<20		<<<<<<20		<<<<<<20	
Pentachlorophenol	67	ND	D037	100	<<<<<<600		<<<<<<600		<<<<<<600	
Pyridine	67	ND	D038	5	**42**		<<<<<<20		<<<<<<20	
METALS										
Arsenic	67	ND	D004	5	<<<<<<1		<<<<<<1		<<<<<<1	
Barium	67	3.8	D005	100	<<<<<<20		<<<<<<20		<<<<<<20	
Cadmium	67	ND	D006	1	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5	
Chromium	67	ND	D007	5	1.5		<<<<<<0.5		<<<<<<0.5	
Lead	67	ND	D008	5	<<<<<<0.3		<<<<<<0.3		0.63	
Mercury	67	ND	D009	0.2	<<<<<<0.033		<<<<<<0.033		<<<<<<0.033	
Selenium	67	ND	D010	1	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5	
Silver	67	ND	D011	5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5	
Misc										
Flash Point	66	69	D001	140	**67.8**		**67.5**			
pH	70	6	D002	2-12.5	7.7		6		7.6	
VOA										
1,1-Dichloroethylene	68	ND	D029	0.7		<<<<<<1000		<<<<<<1000		<<<<<<1000
1,2-Dichloroethane	68	ND	D028	0.5		<<<<<<1000		<<<<<<1000		<<<<<<1000
1,4-Dichlorobenzene	68	ND	D027	7.5		<<<<<<1000		<<<<<<1000		<<<<<<1000
Benzene	68	65.21	D018	0.5		<<<<<<1000		<<<<<<1000		<<<<<<1000
Carbon Tetrachloride	68	ND	D019	0.5		<<<<<<1000		<<<<<<1000		<<<<<<1000
Chlorobenzene	68	ND	D021	100		<<<<<<1000		<<<<<<1000		<<<<<<1000
Chloroform	68	4.4	D022	6		<<<<<<4000		<<<<<<4000		<<<<<<4000
Methyl Ethyl Ketone	68	58000	D035	200		**41000**		**68000**		**87000**
Tetrachloroethylene	68	102	D039	0.7		<<<<<<1000		<<<<<<1000		<<<<<<1000
Trichloroethylene	68	133	D040	0.5		<<<<<<1000		<<<<<<1000		<<<<<<1000
Vinyl Chloride	68	ND	D043	0.2		<<<<<<400		<<<<<<400		<<<<<<400

Paint Gun Cleaner

				Sample Number	C2K060116001X	C2K080222001	C2K080222001R2	C2K080291001	C2K080291001R2	C2K130350001	C2K130350001R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Salt Lake City,UT	Celmsford,ON	Celmsford,ON	Oshawa,ON	Oshawa,ON	Wichita,KS	Wichita,KS
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400		<<<<<<20		<<<<<<20		<<<<<20	
2,4,6-Trichlorophenol	67	ND	D042	2		<<<<<<20		<<<<<<20		<<<<<20	
2,4-Dinitrotoluene	67	ND	D030	0.13		<<<<<<20		<<<<<<20		<<<<<20	
2-Methylphenol	67	ND	D023	200		<<<<<<20		**360**		<<<<<20	
3+4-Methylphenol	67	ND	D024/25	200		<<<<<<20		<<<<<<20		<<<<<20	
Hexachlorobenzene	67	ND	D032	0.13		<<<<<<20		<<<<<<20		<<<<<20	
Hexachlorobutadiene	67	ND	D033	0.5		<<<<<<20		<<<<<<20		<<<<<20	
Hexachloroethane	67	ND	D034	3		<<<<<<20		<<<<<<20		<<<<<20	
Nitrobenzene	67	ND	D036	2		<<<<<<20		<<<<<<20		<<<<<20	
Pentachlorophenol	67	ND	D037	100		<<<<<<600		<<<<<<600		<<<<<600	
Pyridine	67	ND	D038	5		<<<<<<20		<<<<<<20		<<<<<20	
METALS											
Arsenic	67	ND	D004	5		<<<<<<1		<<<<<<1		<<<<<1	
Barium	67	3.8	D005	100		<<<<<<20		<<<<<<20		<<<<<20	
Cadmium	67	ND	D006	1		<<<<<<0.5		<<<<<<0.5		<<<<<0.5	
Chromium	67	ND	D007	5		<<<<<<0.5		<<<<<<0.5		<<<<<0.5	
Lead	67	ND	D008	5		<<<<<<0.3		1.9		<<<<<0.3	
Mercury	67	ND	D009	0.2		<<<<<<0.033		<<<<<<0.033		<<<<<0.033	
Selenium	67	ND	D010	1		<<<<<<0.5		<<<<<<0.5		<<<<<0.5	
Silver	67	ND	D011	5		<<<<<<0.5		<<<<<<0.5		<<<<<0.5	
Misc											
Flash Point	66	69	D001	140	**67.5**	**67.8**		**67.8**		**67.5**	
pH	70	6	D002	2-12.5		8.1		8.8		6.8	
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7			<<<<<<25		<<<<<<1000		<<<<<1200
1,2-Dichloroethane	68	ND	D028	0.5			<<<<<<25		<<<<<<1000		<<<<<1200
1,4-Dichlorobenzene	68	ND	D027	7.5			<<<<<<25		<<<<<<1000		<<<<<1200
Benzene	68	65.21	D018	0.5			<<<<<<25		<<<<<<1000		<<<<<1200
Carbon Tetrachloride	68	ND	D019	0.5			<<<<<<25		<<<<<<1000		<<<<<1200
Chlorobenzene	68	ND	D021	100			<<<<<<25		<<<<<<1000		<<<<<1200
Chloroform	68	4.4	D022	6			<<<<<<100		<<<<<<4000		<<<<<5000
Methyl Ethyl Ketone	68	58000	D035	200			**770**		**19000**		**63000**
Tetrachloroethylene	68	102	D039	0.7			<<<<<<25		<<<<<<1000		<<<<<1200
Trichloroethylene	68	133	D040	0.5			<<<<<<25		<<<<<<1000		<<<<<1200
Vinyl Chloride	68	ND	D043	0.2			<<<<<<10		<<<<<<400		<<<<<500

Paint Gun Cleaner

				Sample Number	C2K140134001	C2K140134001R2	C2K140152001	C2K140152001R2	C2K180218001	C2K180218001R2	C2K220132001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sacramento,CA	Sacramento,CA	Oakland,CA	Oakland,CA	Sacramento,CA	Sacramento,CA	Omaha,NE
BNA											
2,4,5-Trichlorophenol	67	ND	D041	400	<<<<<20		<<<<<20		<<20		<<<20
2,4,6-Trichlorophenol	67	ND	D042	2	<<<<<20		<<<<<20		<<20		<<<20
2,4-Dinitrotoluene	67	ND	D030	0.13	<<<<<20		<<<<<20		<<20		<<<20
2-Methylphenol	67	ND	D023	200	<<<<<20		<<<<<20		<<20		<<<20
3+4-Methylphenol	67	ND	D024/25	200	<<<<<20		<<<<<20		<<20		<<<20
Hexachlorobenzene	67	ND	D032	0.13	<<<<<20		<<<<<20		<<20		<<<20
Hexachlorobutadiene	67	ND	D033	0.5	<<<<<20		<<<<<20		<<20		<<<20
Hexachloroethane	67	ND	D034	3	<<<<<20		<<<<<20		<<20		<<<20
Nitrobenzene	67	ND	D036	2	<<<<<20		<<<<<20		<<20		<<<20
Pentachlorophenol	67	ND	D037	100	<<<<<600		<<<<<600		<<600		<<<600
Pyridine	67	ND	D038	5	**34**		<<<<<20		**93**		<<<20
METALS											
Arsenic	67	ND	D004	5	<<<<<1		<<<<<1		<<1		<<<1
Barium	67	3.8	D005	100	<<<<<20		<<<<<20		<<20		<<<20
Cadmium	67	ND	D006	1	<<<<<0.5		<<<<<0.5		<<0.5		<<<0.5
Chromium	67	ND	D007	5	<<<<<0.5		<<<<<0.5		<<0.5		<<<0.5
Lead	67	ND	D008	5	<<<<<0.3		0.36		<<0.3		0.37
Mercury	67	ND	D009	0.2	<<<<<0.033		<<<<<0.033		<<0.033		<<<0.033
Selenium	67	ND	D010	1	<<<<<0.5		<<<<<0.5		<<0.5		<<<0.5
Silver	67	ND	D011	5	<<<<<0.5		<<<<<0.5		<<0.5		<<<0.5
Misc											
Flash Point	66	69	D001	140	**67.5**		**67.5**		**67.8**		**67.8**
pH	70	6	D002	2-12.5	5.1		6.9		6.9		6.3
VOA											
1,1-Dichloroethylene	68	ND	D029	0.7		<<<<<1000		<<<<<1000		<<1000	
1,2-Dichloroethane	68	ND	D028	0.5		<<<<<1000		<<<<<1000		<<1000	
1,4-Dichlorobenzene	68	ND	D027	7.5		<<<<<4000		<<<<<4000		<<4000	
Benzene	68	65.21	D018	0.5		<<<<<1000		<<<<<1000		<<1000	
Carbon Tetrachloride	68	ND	D019	0.5		<<<<<1000		<<<<<1000		<<1000	
Chlorobenzene	68	ND	D021	100		<<<<<1000		<<<<<1000		<<1000	
Chloroform	68	4.4	D022	6		<<<<<4000		<<<<<4000		<<4000	
Methyl Ethyl Ketone	68	58000	D035	200		**70000**		**55000**		**78000**	
Tetrachloroethylene	68	102	D039	0.7		<<<<<1000		<<<<<1000		<<1000	
Trichloroethylene	68	133	D040	0.5		<<<<<1000		<<<<<1000		<<1000	
Vinyl Chloride	68	ND	D043	0.2		<<<<<400		<<<<<400		<<400	

Paint Gun Cleaner

				Sample Number	C2K220132001R2
				Year	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Omaha,NE
BNA					
2,4,5-Trichlorophenol	67	ND	D041	400	
2,4,6-Trichlorophenol	67	ND	D042	2	
2,4-Dinitrotoluene	67	ND	D030	0.13	
2-Methylphenol	67	ND	D023	200	
3+4-Methylphenol	67	ND	D024/25	200	
Hexachlorobenzene	67	ND	D032	0.13	
Hexachlorobutadiene	67	ND	D033	0.5	
Hexachloroethane	67	ND	D034	3	
Nitrobenzene	67	ND	D036	2	
Pentachlorophenol	67	ND	D037	100	
Pyridine	67	ND	D038	5	
METALS					
Arsenic	67	ND	D004	5	
Barium	67	3.8	D005	100	
Cadmium	67	ND	D006	1	
Chromium	67	ND	D007	5	
Lead	67	ND	D008	5	
Mercury	67	ND	D009	0.2	
Selenium	67	ND	D010	1	
Silver	67	ND	D011	5	
Misc					
Flash Point	66	69	D001	140	
pH	70	6	D002	2-12.5	
VOA					
1,1-Dichloroethylene	68	ND	D029	0.7	<<<1200
1,2-Dichloroethane	68	ND	D028	0.5	<<<1200
1,4-Dichlorobenzene	68	ND	D027	7.5	<<<5000
Benzene	68	65.21	D018	0.5	<<<1200
Carbon Tetrachloride	68	ND	D019	0.5	<<<1200
Chlorobenzene	68	ND	D021	100	<<<1200
Chloroform	68	4.4	D022	6	<<<5000
Methyl Ethyl Ketone	68	58000	D035	200	**90000**
Tetrachloroethylene	68	102	D039	0.7	<<<1200
Trichloroethylene	68	133	D040	0.5	<<<1200
Vinyl Chloride	68	ND	D043	0.2	<<<500

Paint Waste Other

				Sample Number	2008511	2015439	2015467	2016047	2017636	2017639	2018173	2018179
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Denton,TX	Albuquerque,NM	Omaha,NE	Sioux Falls,SD	Grand Island,NE	Grand Island,NE	Wichita,KS	Wichita,KS
BNA												
2,4,5-Trichlorophenol	90	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200
2,4,6-Trichlorophenol	90	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200
2,4-Dinitrotoluene	90	ND	D030	0.13	<110	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	90	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200
3+4-Methylphenol	90	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachlorobenzene	90	ND	D032	0.13	<170	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	90	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	90	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	90	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	90	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200
Pyridine	90	ND	D038	5	<210	<210	<210	<210	<210	<210	<200	<200
METALS												
Arsenic	90	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	90	ND	D005	100	12.3	81.6	18.3	5.58	9.18	**846**	8.22	1.30
Cadmium	90	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	90	1.6	D007	5	**9.59**	1.56	**7.28**	<0.500	<0.500	**11.1**	1.90	2.47
Lead	90	ND	D008	5	**41.1**	<4.00	<4.00	<4.00	<4.00	**29.4**	<4.00	<4.00
Mercury	89	ND	D009	0.2	<0.10	<0.10	<0.040	<0.10	<0.10	<0.10	<0.040	<0.040
Selenium	90	ND	D010	1	<0.45	<0.45	<0.008	<0.45	<0.45	<0.45	<0.008	<0.008
Silver	90	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	88	69	D001	140	<70	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	92	6.25	D002	2-12.5	7.33	6.0	5.2	4.4	5.03	6.5	5.75	6.62
VOA												
1,1-Dichloroethylene	89	ND	D029	0.7	<40	<40	<4.0	<4.0	<4.0	<40	<4.0	<4.0
1,2-Dichloroethane	89	ND	D028	0.5	<20	<20	<2.0	<2.0	<2.0	<20	<2.0	<2.0
1,4-Dichlorobenzene	89	ND	D027	7.5	<50	<50	<5.0	<5.0	<5.0	<50	<5.0	<5.0
Benzene	89	69	D018	0.5	**30.4**	<20	**90.3**	**46.6**	**81.6**	**64.2**	**69**	**48**
Carbon Tetrachloride	89	ND	D019	0.5	<20	<20	<2.0	<2.0	<2.0	<20	<2.0	<2.0
Chlorobenzene	89	1.8	D021	100	<20	<20	<2.0	<2.0	<2.0	<20	<2.0	<2.0
Chloroform	89	ND	D022	6	<20	<20	<2.0	2.4	<2.0	<20	<2.0	<2.0
Methyl Ethyl Ketone	89	25000	D035	200	**21500**	**13300**	**18800**	**19900**	**24300**	**67500**	**25200**	**14900**
Tetrachloroethylene	89	ND	D039	0.7	<20	**291**	**101**	**60.8**	**124**	**231**	**73.8**	**19.2**
Trichloroethylene	89	ND	D040	0.5	<20	<20	**98.6**	**53.4**	**84.1**	**53.5**	**61.1**	**15**
Vinyl Chloride	89	ND	D043	0.2	<15	<15	<1.5	<1.5	<1.5	<15	<1.5	<1.5

Paint Waste Other

				Sample Number	2029637	2039384	2045066	2045082	2050721	2050733	2053038	2058616
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Salt Lake City,UT	Pineville,LA	Pineville,LA	St_Charles,MO	Columbus,GA	Norcross,GA	Greer,SC	Salt Lake City,UT
BNA												
2,4,5-Trichlorophenol	90	ND	D041	400	<0.10	<200	<200	<200	<200	<200	<200	<0.50
2,4,6-Trichlorophenol	90	ND	D042	2	<0.10	<200	<200	<200	<200	<200	<200	<0.50
2,4-Dinitrotoluene	90	ND	D030	0.13	<0.020	<40	<40	<40	<40	<40	<40	<0.10
2-Methylphenol	90	ND	D023	200	<10.0	<200	<200	<200	<200	<200	<200	<50
3+4-Methylphenol	90	ND	D024/25	200	<10.0	<200	<200	<200	<200	<200	<200	<50
Hexachlorobenzene	90	ND	D032	0.13	<0.020	<40	<40	<40	<40	<40	<40	<0.10
Hexachlorobutadiene	90	ND	D033	0.5	<0.10	<200	<200	<200	<200	<200	<200	<0.50
Hexachloroethane	90	ND	D034	3	<0.10	<200	<200	<200	<200	<200	<200	<0.50
Nitrobenzene	90	ND	D036	2	<0.10	<200	<200	<200	<200	<200	<200	<0.50
Pentachlorophenol	90	ND	D037	100	<0.10	<200	<200	<200	<200	<200	<200	<0.50
Pyridine	90	ND	D038	5	<0.11	<210	<210	<210	<210	<210	<210	<0.54
METALS												
Arsenic	90	ND	D004	5	<0.500	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500
Barium	90	ND	D005	100	2.23	3.5	4.09	**756**	2.59	3.49	28.3	2.07
Cadmium	90	ND	D006	1	<0.050	**1.39**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Chromium	90	1.6	D007	5	<0.050	0.514	2.53	3.51	0.737	<0.500	2.04	<0.050
Lead	90	ND	D008	5	<0.400	<4.00	**8.97**	<4.00	<4.00	<4.00	<4.00	<0.400
Mercury	89	ND	D009	0.2	<0.0008	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.002
Selenium	90	ND	D010	1	<0.750	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.750
Silver	90	ND	D011	5	<0.050	<0.500	0.881	<0.500	<0.500	<0.500	<0.500	<0.050
Misc												
Flash Point	88	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**	69
pH	92	6.25	D002	2-12.5	5.99	5.89	5.8	6.11	2.98	7.4	4.48	7.42
VOA												
1,1-Dichloroethylene	89	ND	D029	0.7	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.20
1,2-Dichloroethane	89	ND	D028	0.5	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<0.20
1,4-Dichlorobenzene	89	ND	D027	7.5	<4.0	<5.0	<5.0	<5.0	<5.0	<4.0	<5.0	<0.20
Benzene	89	69	D018	0.5	<4.0	**64.8**	**78.8**	**8.6**	<2.0	**15.59**	**60.2**	0.465
Carbon Tetrachloride	89	ND	D019	0.5	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<0.20
Chlorobenzene	89	1.8	D021	100	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<0.20
Chloroform	89	ND	D022	6	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<0.20
Methyl Ethyl Ketone	89	25000	D035	200	**736.1**	**28200**	**22400**	**15900**	**56700**	**33320**	**26300**	**4808**
Tetrachloroethylene	89	ND	D039	0.7	<4.0	**5.6**	**10.6**	<2.0	<2.0	<4.0	**77.8**	<0.20
Trichloroethylene	89	ND	D040	0.5	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	**188**	<0.20
Vinyl Chloride	89	ND	D043	0.2	<2.8	<1.5	<1.5	<1.5	<1.5	<2.8	<1.5	<0.14

Paint Waste Other

				Sample Number	2066248	2066753	2066970	2066975	2066992	2067060	2067065	2078172
				Year	2000	2000	2000	2000	2000	2000	2000	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	El Monte,CA	Sacramento,CA	Los Angeles,CA	Oakland,CA	Highland,CA	Santa Anna,CA	Fresno,CA	Omaha,NE
BNA												
2,4,5-Trichlorophenol	90	ND	D041	400	<200	<200	<200	<200	<200	<200	<200	<200
2,4,6-Trichlorophenol	90	ND	D042	2	<200	<200	<200	<200	<200	<200	<200	<200
2,4-Dinitrotoluene	90	ND	D030	0.13	<40	<40	<40	<40	<40	<40	<40	<40
2-Methylphenol	90	ND	D023	200	<200	<200	<200	<200	<200	<200	<200	<200
3+4-Methylphenol	90	ND	D024/25	200	<200	<200	<200	<200	<200	<200	<200	<200
Hexachlorobenzene	90	ND	D032	0.13	<40	<40	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	90	ND	D033	0.5	<200	<200	<200	<200	<200	<200	<200	<200
Hexachloroethane	90	ND	D034	3	<200	<200	<200	<200	<200	<200	<200	<200
Nitrobenzene	90	ND	D036	2	<200	<200	<200	<200	<200	<200	<200	<200
Pentachlorophenol	90	ND	D037	100	<200	<200	<200	<200	<200	<200	<200	<200
Pyridine	90	ND	D038	5	<210	<210	<210	<210	<210	<210	<210	<210
METALS												
Arsenic	90	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	90	ND	D005	100	<0.500	<0.500	<0.500	1.63	<0.500	6.21	<0.500	**147**
Cadmium	90	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	90	1.6	D007	5	<0.500	<0.500	1.10	<0.500	<0.500	<0.500	<0.500	1.14
Lead	90	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	89	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	90	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	90	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	88	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	92	6.25	D002	2-12.5	4.88	4.58	4.65	4.73	6.29	5.06	4.57	5.93
VOA												
1,1-Dichloroethylene	89	ND	D029	0.7	<4.0	<16	<40	<4.0	<80	<8.0	<400	<2.0
1,2-Dichloroethane	89	ND	D028	0.5	<2.0	<8.0	<20	<2.0	<40	<4.0	<200	<1.0
1,4-Dichlorobenzene	89	ND	D027	7.5	<5.0	<20	<50	<5.0	<100	<10.0	<500	<2.5
Benzene	89	69	D018	0.5	**242**	**160**	**202**	<2.0	**279**	**187**	**299**	**25.1**
Carbon Tetrachloride	89	ND	D019	0.5	<2.0	<8.0	<20	<2.0	<40	<4.0	<200	<1.0
Chlorobenzene	89	1.8	D021	100	<2.0	<8.0	<20	<2.0	<40	<4.0	<200	<1.0
Chloroform	89	ND	D022	6	<2.0	<8.0	<20	<2.0	<40	<4.0	<200	<1.0
Methyl Ethyl Ketone	89	25000	D035	200	**29300**	**51800**	**74500**	**17600**	**95800**	**47500**	**118000**	**5930**
Tetrachloroethylene	89	ND	D039	0.7	<2.0	**87.1**	**457**	**24.1**	<40	**18.7**	<200	**47.1**
Trichloroethylene	89	ND	D040	0.5	<2.0	**73**	<20	<2.0	<40	**18.3**	<200	**76.5**
Vinyl Chloride	89	ND	D043	0.2	<1.5	<6.0	<15	<1.5	<30	<3.0	<150	<0.75

Paint Waste Other

			Sample Number		2082502	2083128	2085320	2085322	2085850	2085855	2085875
			Year		2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Albuquerque,NM	Salt Lake City,UT	Clackamas,OR	Clackamas,OR	Lackawanna,NY	Lackawanna,NY	Lackawanna,NY
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400	<200	<181.2	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	90	ND	D042	2	<200	<181.2	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	90	ND	D030	0.13	<40	<24.16	<40	<40	<40	<40	<40
2-Methylphenol	90	ND	D023	200	<200	<320	<400	<400	<400	<400	<400
3+4-Methylphenol	90	ND	D024/25	200	<200	<380	<500	<500	<500	<500	<500
Hexachlorobenzene	90	ND	D032	0.13	<40	<24.16	<40	<40	<40	<40	<40
Hexachlorobutadiene	90	ND	D033	0.5	<200	<120.8	<200	<200	<200	<200	<200
Hexachloroethane	90	ND	D034	3	<200	<120.8	<200	<200	<200	<200	<200
Nitrobenzene	90	ND	D036	2	<200	<120.8	<200	<200	<200	<200	<200
Pentachlorophenol	90	ND	D037	100	<200	<314.08	<520	<520	<520	<520	<520
Pyridine	90	ND	D038	5	<210	<350.32	<580	<580	<580	<580	<580
METALS											
Arsenic	90	ND	D004	5	<5.00	<5	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	90	ND	D005	100	45.1	1.609	31.4	**136**	**172**	3.97	3.77
Cadmium	90	ND	D006	1	<0.500	0.661	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	90	1.6	D007	5	<0.500	**61.366**	<0.500	**34.8**	3.59	**7.66**	<0.500
Lead	90	ND	D008	5	<4.00	11.447	<4.00	**177**	<4.00	<4.00	<4.00
Mercury	89	ND	D009	0.2	<0.10	<0.1	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	90	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	90	ND	D011	5	<0.500	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	88	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	92	6.25	D002	2-12.5	6.21	3.93	5.20	5.81	7.32	5.82	6.76
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<4.0	<3.2	<2.0	<1.6	<2.0	<2.0	<1.6
1,2-Dichloroethane	89	ND	D028	0.5	<2.0	<2	<1.0	<0.80	<1.0	<1.0	<0.80
1,4-Dichlorobenzene	89	ND	D027	7.5	<5.0	<3.8	<2.5	<2.0	<2.5	<2.5	<2.0
Benzene	89	69	D018	0.5	<2.0	**13.914**	**169**	**118**	**16.9**	**23.2**	**31.2**
Carbon Tetrachloride	89	ND	D019	0.5	<2.0	<2	<1.0	<0.80	<1.0	<1.0	<0.80
Chlorobenzene	89	1.8	D021	100	<2.0	<2	<1.0	<0.80	<1.0	<1.0	<0.80
Chloroform	89	ND	D022	6	<2.0	<2	<1.0	<0.80	<1.0	<1.0	<0.80
Methyl Ethyl Ketone	89	25000	D035	200	**15900**	**1003.8**	**9130**	**4490**	**7790**	**6870**	**5570**
Tetrachloroethylene	89	ND	D039	0.7	<2.0	**2.071**	**206**	**28.3**	**10.6**	<1.0	**25.3**
Trichloroethylene	89	ND	D040	0.5	<2.0	<2	**43.4**	**2.6**	**14.7**	<1.0	**55.5**
Vinyl Chloride	89	ND	D043	0.2	<1.5	<1.46	<0.75	<0.60	<0.75	<0.75	<0.60

Paint Waste Other

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Fresno,CA	Columbus,GA	Wichita,KS	Los Angeles,CA	Salida,CA	El Monte,CA	Santa Anna,CA	Tulsa,OK	Sacramento,CA
				Sample Number	2087151	2088235	2088684	2088997	2089541	2089555	2089571	2091678	2091976
				Year	2001	2001	2001	2001	2001	2001	2001	2001	2001
BNA													
2,4,5-Trichlorophenol	90	ND	D041	400	<300	<0.060	<0.15	<300	<300	<300	<300	<300	<300
2,4,6-Trichlorophenol	90	ND	D042	2	<300	<0.060	<0.15	<300	<300	<300	<300	<300	<300
2,4-Dinitrotoluene	90	ND	D030	0.13	<40	<0.0080	<0.020	<40	<40	<40	<40	<40	<40
2-Methylphenol	90	ND	D023	200	<400	<4.0	<10.0	<400	<400	<400	<400	<400	<400
3+4-Methylphenol	90	ND	D024/25	200	<500	<4.0	<10.0	<500	<500	<500	<500	<500	<500
Hexachlorobenzene	90	ND	D032	0.13	<40	<0.0080	<0.020	<40	<40	<40	<40	<40	<40
Hexachlorobutadiene	90	ND	D033	0.5	<200	<0.040	<0.050	<100	<100	<100	<100	<200	<200
Hexachloroethane	90	ND	D034	3	<200	<0.040	<0.10	<200	<200	<200	<200	<200	<200
Nitrobenzene	90	ND	D036	2	<200	<0.040	<0.10	<200	<200	<200	<200	<200	<200
Pentachlorophenol	90	ND	D037	100	<520	<0.10	<0.26	<520	<520	<520	<520	<520	<520
Pyridine	90	ND	D038	5	<580	<0.12	<0.29	<580	<580	<580	<580	<580	<580
METALS													
Arsenic	90	ND	D004	5	<5.00	<0.500	<0.500	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	90	ND	D005	100	13.9	1.53	1.22	36.9	<0.500	<0.500	3.74	7.21	12.6
Cadmium	90	ND	D006	1	<0.500	<0.050	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	90	1.6	D007	5	2.98	<0.050	<0.050	1.24	<0.500	<0.500	2.04	**5.11**	2.29
Lead	90	ND	D008	5	<4.00	<0.400	<0.400	**5.98**	<4.00	<4.00	<4.00	**23.7**	**6.43**
Mercury	89	ND	D009	0.2	<0.10	<0.0008	0.001	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	90	ND	D010	1	<0.45	<0.750	<0.750	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	90	ND	D011	5	<0.500	<0.050	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	88	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
pH	92	6.25	D002	2-12.5	5.34	4.01	5.52	6.12	6.65	8.95	5.42	6.24	4.58
VOA													
1,1-Dichloroethylene	89	ND	D029	0.7	<2.0	<0.20	<0.20	<40	<40	<4.0	<200	<4.0	<20
1,2-Dichloroethane	89	ND	D028	0.5	<1.0	<0.20	<0.20	<20	<20	<2.0	<100	<2.0	<10.0
1,4-Dichlorobenzene	89	ND	D027	7.5	<2.5	<0.20	<0.20	<50	<50	<5.0	<250	<5.0	<25
Benzene	89	69	D018	0.5	**129**	<0.20	<0.20	**46.3**	**94.8**	**49.5**	<100	**13.1**	**73.7**
Carbon Tetrachloride	89	ND	D019	0.5	<1.0	<0.20	<0.20	<20	<20	<2.0	<100	<2.0	<10.0
Chlorobenzene	89	1.8	D021	100	<1.0	<0.20	<0.20	<20	<20	<2.0	<100	<2.0	<10.0
Chloroform	89	ND	D022	6	<1.0	<0.20	<0.20	<20	<20	<2.0	<100	<2.0	<10.0
Methyl Ethyl Ketone	89	25000	D035	200	**62500**	**320.4**	**717.6**	**235000**	**438000**	**157000**	**171000**	**96900**	**337000**
Tetrachloroethylene	89	ND	D039	0.7	**5.1**	<0.20	<0.20	**62.9**	**26.4**	**16.5**	<100	**3.5**	**33.4**
Trichloroethylene	89	ND	D040	0.5	<1.0	<0.20	<0.20	<20	<20	<2.0	<100	<2.0	**12**
Vinyl Chloride	89	ND	D043	0.2	<0.75	<0.14	<0.14	<15	<15	<1.5	<75	<1.5	<7.5

Paint Waste Other

			Sample Number		2093903	2097541	2098613	2099451	2118872	2118886	2119076
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Pineville,LA	Oklahoma City,OK	Greer,SC	Rohnert Park,CA	Rohnert Park,CA	Salt Lake City,UT	Highland,CA
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400	<300	<300	<300	<300	<300	<0.75	<0.75
2,4,6-Trichlorophenol	90	ND	D042	2	<300	<300	<300	<300	<300	<0.75	<0.75
2,4-Dinitrotoluene	90	ND	D030	0.13	<40	<40	<40	<40	<40	<0.10	<0.10
2-Methylphenol	90	ND	D023	200	<400	<400	<400	<400	<400	<50	<50
3+4-Methylphenol	90	ND	D024/25	200	<400	<400	<400	<400	<400	<50	<50
Hexachlorobenzene	90	ND	D032	0.13	<40	<40	<40	<40	<40	<0.10	<0.10
Hexachlorobutadiene	90	ND	D033	0.5	<200	<100	<200	<200	<200	<0.50	<0.50
Hexachloroethane	90	ND	D034	3	<200	<200	<200	<200	<200	<0.50	<0.50
Nitrobenzene	90	ND	D036	2	<200	<200	<200	<200	<200	<0.50	<0.50
Pentachlorophenol	90	ND	D037	100	<520	<520	<520	<520	<520	<1.3	<1.3
Pyridine	90	ND	D038	5	<500	<500	<500	<500	<500	<1.3	<1.3
METALS											
Arsenic	90	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500	<0.500
Barium	90	ND	D005	100	3.18	1.25	69.8	0.826	**158**	3.43	**139**
Cadmium	90	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050	<0.050
Chromium	90	1.6	D007	5	0.854	1.04	1.72	1.84	**5.31**	0.633	<0.050
Lead	90	ND	D008	5	<4.00	<4.00	**8.51**	**19.4**	<4.00	<0.400	<0.400
Mercury	89	ND	D009	0.2	<0.10	<0.10	<0.10	0.10	<0.10	<0.0008	0.006
Selenium	90	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.750	<0.750
Silver	90	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050	<0.050
Misc											
Flash Point	88	69	D001	140	**69**	**69**	<70	<70	<70	<70	<70
pH	92	6.25	D002	2-12.5	7.07	5.18	6.70	6.25	6.62	6.35	8.22
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<40	<4.0	<4.0	<0.40	<4.0	<0.20	<2.0
1,2-Dichloroethane	89	ND	D028	0.5	<20	<2.0	<2.0	<0.20	<2.0	<0.20	<2.0
1,4-Dichlorobenzene	89	ND	D027	7.5	<50	<5.0	<5.0	<0.50	<5.0	<0.20	<2.0
Benzene	89	69	D018	0.5	**44.8**	**89.4**	**28.4**	**25.6**	**77.6**	**0.681**	<2.0
Carbon Tetrachloride	89	ND	D019	0.5	<20	<2.0	**6.4**	<0.20	**3**	<0.20	<2.0
Chlorobenzene	89	1.8	D021	100	<20	<2.0	<2.0	<0.20	<2.0	<0.20	<2.0
Chloroform	89	ND	D022	6	<20	<2.0	**42.5**	<0.20	<2.0	<0.20	<2.0
Methyl Ethyl Ketone	89	25000	D035	200	**174000**	**216000**	**124000**	**16300**	**20300**	103.6	**459.1**
Tetrachloroethylene	89	ND	D039	0.7	**11200**	**66**	**59.2**	**4**	**13.1**	<0.20	**2.958**
Trichloroethylene	89	ND	D040	0.5	<20	**27.1**	**78**	0.25	**3**	<0.20	<2.0
Vinyl Chloride	89	ND	D043	0.2	<15	<1.5	<1.5	<0.15	<1.5	<0.14	<1.4

Paint Waste Other

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Santa Anna,CA	Sylmar,CA	El Monte,CA	Los Angeles,CA	Denton,TX	Greer,SC	Fresno,CA	Salt Lake City,UT
				Sample Number	2121672	2122337	2122899	2131620	2134372	2138222	2139807	2139817
				Year	2001	2001	2001	2002	2002	2002	2002	2002
BNA												
2,4,5-Trichlorophenol	90	ND	D041	400	<0.15	<300	<300	<300	<300	<300	<300	<0.040
2,4,6-Trichlorophenol	90	ND	D042	2	<0.15	<300	<300	<300	<300	<300	<300	<0.040
2,4-Dinitrotoluene	90	ND	D030	0.13	<0.020	<40	<40	<40	<40	<40	<40	<0.040
2-Methylphenol	90	ND	D023	200	<10.0	<400	<400	<400	<400	<400	<400	<0.040
3+4-Methylphenol	90	ND	D024/25	200	<10.0	<400	<400	<400	<400	<400	<400	<0.040
Hexachlorobenzene	90	ND	D032	0.13	<0.020	<40	<40	<40	<40	<40	<40	<0.040
Hexachlorobutadiene	90	ND	D033	0.5	<0.10	<200	<200	<200	<100	<200	<100	<0.040
Hexachloroethane	90	ND	D034	3	<0.10	<200	<200	<200	<200	<200	<200	<0.040
Nitrobenzene	90	ND	D036	2	<0.10	<200	<200	<200	<200	<200	<200	<0.040
Pentachlorophenol	90	ND	D037	100	<0.26	<520	<520	<520	<520	<520	<520	<0.20
Pyridine	90	ND	D038	5	<0.25	<500	<500	<500	<500	<500	<500	<0.040
METALS												
Arsenic	90	ND	D004	5	<0.500	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<0.500
Barium	90	ND	D005	100	<0.050	23.9	2.21	2.89	44.9	<5.00	<5.00	2.93
Cadmium	90	ND	D006	1	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Chromium	90	1.6	D007	5	<0.050	0.996	0.591	<0.500	3.13	**6.36**	<0.500	<0.050
Lead	90	ND	D008	5	<0.400	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<0.400
Mercury	89	ND	D009	0.2	<0.0008	<0.10	<0.10	<0.10	<0.040	<0.040	<0.040	
Selenium	90	ND	D010	1	<0.750	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.750
Silver	90	ND	D011	5	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.050
Misc												
Flash Point	88	69	D001	140	**69**	**69**	**69**	**69**	**69**	**69**	<70	<70
pH	92	6.25	D002	2-12.5	5.60	5.33	3.91	5.36	4.61	4.56	5.12	5.53
VOA												
1,1-Dichloroethylene	89	ND	D029	0.7	<2.0	<4.0	<2.0	<2.0	<0.40	<0.40	<4.0	<0.20
1,2-Dichloroethane	89	ND	D028	0.5	<2.0	<2.0	<1.0	<1.0	<0.20	<0.20	<2.0	<0.20
1,4-Dichlorobenzene	89	ND	D027	7.5	<2.0	<5.0	<2.5	<2.5	<0.50	<0.50	<5.0	<0.20
Benzene	89	69	D018	0.5	<2.0	**28.1**	**69.3**	**47.3**	**36.3**	**36.8**	**13.7**	**1.156**
Carbon Tetrachloride	89	ND	D019	0.5	<2.0	<2.0	<1.0	<1.0	<0.20	<0.20	<2.0	<0.20
Chlorobenzene	89	1.8	D021	100	<2.0	<2.0	<1.0	<1.0	<0.20	<0.20	<2.0	<0.20
Chloroform	89	ND	D022	6	<2.0	<2.0	<1.0	<1.0	<0.20	<0.20	<2.0	<0.20
Methyl Ethyl Ketone	89	25000	D035	200	**661.5**	**12900**	**14900**	**8120**	**5680**	**10200**	**14300**	104.9
Tetrachloroethylene	89	ND	D039	0.7	<2.0	<2.0	<1.0	**5**	**24.9**	**49.2**	<2.0	<0.20
Trichloroethylene	89	ND	D040	0.5	<2.0	<2.0	<1.0	<1.0	**14.8**	**36.4**	<2.0	<0.20
Vinyl Chloride	89	ND	D043	0.2	<1.4	<1.5	<0.75	<0.75	<0.15	<0.15	<1.5	<0.14

Paint Waste Other

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Los Angeles,CA	Salida,CA	El Monte,CA	Norcross,GA	Oakland,CA	Highland,CA	Santa Anna,CA	Rohnert Park,CA
				Sample Number	2139854	2140172	2140413	2141007	2141029	2141873	2142963	2145206
				Year	2002	2002	2002	2002	2002	2002	2002	2002
BNA												
2,4,5-Trichlorophenol	90	ND	D041	400	<300	<0.15	<300	<300	<0.15	<5.0	<300	<21.1395
2,4,6-Trichlorophenol	90	ND	D042	2	<300	<0.15	<300	<300	<0.15	<2.0	<300	<21.1395
2,4-Dinitrotoluene	90	ND	D030	0.13	<40	<0.020	<40	<40	<0.020	<0.13	<40	<2.8186
2-Methylphenol	90	ND	D023	200	<400	<10.0	<400	<400	<10.0	<5.0	<400	<37.3
3+4-Methylphenol	90	ND	D024/25	200	<400	<10.0	<400	<400	<10.0	<5.0	<400	<37.3
Hexachlorobenzene	90	ND	D032	0.13	<40	<0.020	<40	<40	<0.020	<0.025	<40	<2.8186
Hexachlorobutadiene	90	ND	D033	0.5	<100	<0.050	<100	<100	<0.10	<0.10	<200	<14.093
Hexachloroethane	90	ND	D034	3	<200	<0.10	<200	<200	<0.10	<1.0	<200	<14.093
Nitrobenzene	90	ND	D036	2	<200	<0.10	<200	<200	<0.10	<0.40	<200	<14.093
Pentachlorophenol	90	ND	D037	100	<520	<0.26	<520	<520	<0.26	<5.0	<520	<36.6418
Pyridine	90	ND	D038	5	<500	<0.25	<500	<500	<0.25	<1.0	<500	<35.2325
METALS												
Arsenic	90	ND	D004	5	<5.00	<0.500	<5.00	<5.00	<0.500	<5.00	<5.00	<0.815
Barium	90	ND	D005	100	<5.00	<0.500	<5.00	<5.00	1.03	<5.00	12.4	3.42
Cadmium	90	ND	D006	1	<0.500	<0.050	<0.500	<0.500	<0.050	<0.500	0.805	<0.0815
Chromium	90	1.6	D007	5	1.58	<0.050	<0.500	<0.500	<0.050	<0.500	**102**	2.144
Lead	90	ND	D008	5	<4.00	<0.400	<4.00	<4.00	<0.400	**43.6**	**55.2**	<0.652
Mercury	89	ND	D009	0.2	<0.040	<0.0008	<0.040	<0.10	<0.0008	<0.040	<0.040	<0.007744
Selenium	90	ND	D010	1	<0.45	<0.750	<045	<0.45	<0.750	<0.45	<0.45	<0.729
Silver	90	ND	D011	5	<0.500	<0.050	<0.500	<0.500	<0.050	0.676	<0.500	<0.0815
Misc												
Flash Point	88	69	D001	140	<70	<70	**69**	<70	<70	<70	**69**	<70
pH	92	6.25	D002	2-12.5	5.23	8.42	4.38	3.96	5.60	6.29	6.10	5.77
VOA												
1,1-Dichloroethylene	89	ND	D029	0.7	<8.0	<2.0	<0.40	<4.0	<0.20	<0.40	<0.80	<1.84
1,2-Dichloroethane	89	ND	D028	0.5	<4.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.40	<1.82
1,4-Dichlorobenzene	89	ND	D027	7.5	<10.0	<2.0	<0.50	<5.0	<0.20	<0.50	<1.0	<1.85
Benzene	89	69	D018	0.5	**12.6**	<2.0	**82.4**	7	0.208	**38.5**	**49.9**	3.75
Carbon Tetrachloride	89	ND	D019	0.5	<4.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.40	1.83
Chlorobenzene	89	1.8	D021	100	<4.0	<2.0	1.8	<2.0	<0.20	<0.20	<0.40	<1.82
Chloroform	89	ND	D022	6	<4.0	<2.0	<0.20	<2.0	<0.20	<0.20	<0.40	<1.82
Methyl Ethyl Ketone	89	25000	D035	200	**14000**	**3857**	**7460**	**22100**	**2930**	**6120**	**6700**	1945.9
Tetrachloroethylene	89	ND	D039	0.7	**30.6**	<2.0	**10.9**	**31.3**	<0.20	**50.7**	**8.6**	5.3
Trichloroethylene	89	ND	D040	0.5	<4.0	<2.0	3.3	6.9	<0.20	6.8	<0.40	4.4
Vinyl Chloride	89	ND	D043	0.2	<3.0	<1.4	<0.15	<1.5	<0.14	<0.15	<0.30	<1.275

Paint Waste Other

				Sample Number	C2F210336001	C2F210336001X	C2G090271001	C2I250303001	C2I250303001R2	C2I250303001X	C2J010127001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Pineville,LA	Pineville,LA	Albuquerque,NM	Boise,ID	Boise,ID	Boise,ID	Clackamas,OR
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400	<<<<<<20		<<<<<<20	<<<<<<20			53
2,4,6-Trichlorophenol	90	ND	D042	2	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
2,4-Dinitrotoluene	90	ND	D030	0.13	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
2-Methylphenol	90	ND	D023	200	<<<<<<20		<<<<<<20	<<<<<<20			44
3+4-Methylphenol	90	ND	D024/25	200	<<<<<<20		<<<<<<20	95			64
Hexachlorobenzene	90	ND	D032	0.13	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
Hexachlorobutadiene	90	ND	D033	0.5	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
Hexachloroethane	90	ND	D034	3	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
Nitrobenzene	90	ND	D036	2	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
Pentachlorophenol	90	ND	D037	100	<<<<<<1200		<<<<<<600	<<<<<<600			<<<<<<600
Pyridine	90	ND	D038	5	<<<<<<20		<<<<<<20	<<<<<<20			43
METALS											
Arsenic	90	ND	D004	5	<<<<<<1		<<<<<<1	<<<<<<1			<<<<<<1
Barium	90	ND	D005	100	<<<<<<20		<<<<<<20	<<<<<<20			<<<<<<20
Cadmium	90	ND	D006	1	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5			<<<<<<0.5
Chromium	90	1.6	D007	5	<<<<<<0.5		0.78	14			<<<<<<0.5
Lead	90	ND	D008	5	<<<<<<0.3		2.4	22.2			0.7
Mercury	89	ND	D009	0.2	<<<<<<0.033		<<<<<<0.033	<<<<<<0.033			<<<<<<0.033
Selenium	90	ND	D010	1	<<<<<<0.5		<<<<<<0.5	1.3			1.7
Silver	90	ND	D011	5	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5			<<<<<<0.5
Misc											
Flash Point	88	69	D001	140		53.3	52.4			67.8	67.7
pH	92	6.25	D002	2-12.5	5.5		8.1	8.5			6.3
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<<<<<<500		<<<<<<120		<<<<<<100		
1,2-Dichloroethane	89	ND	D028	0.5	<<<<<<500		<<<<<<120		<<<<<<100		
1,4-Dichlorobenzene	89	ND	D027	7.5	<<<<<<500		<<<<<<120		<<<<<<100		
Benzene	89	69	D018	0.5	<<<<<<500		<<<<<<120		<<<<<<100		
Carbon Tetrachloride	89	ND	D019	0.5	<<<<<<500		<<<<<<120		<<<<<<100		
Chlorobenzene	89	1.8	D021	100	<<<<<<500		<<<<<<120		<<<<<<100		
Chloroform	89	ND	D022	6	<<<<<<2000		<<<<<<500		<<<<<<400		
Methyl Ethyl Ketone	89	25000	D035	200	31000		13000		8500		
Tetrachloroethylene	89	ND	D039	0.7	<<<<<<500		<<<<<<120		<<<<<<100		
Trichloroethylene	89	ND	D040	0.5	<<<<<<500		<<<<<<120		<<<<<<100		
Vinyl Chloride	89	ND	D043	0.2	<<<<<<200		<<<<<<50		<<<<<<40		

Paint Waste Other

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Clackamas,OR	Gering,NE	Grand Island,NE	Grand Island,NE	Avon,NY	Avon,NY	Nepean,ON
				Sample Number	C2J010127001R2	C2J010316001	C2J040332001	C2J040332001R2	C2J150278001	C2J150278001R2	C2J170175001
				Year	2002	2002	2002	2002	2002	2002	2002
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400		64	60		78		71
2,4,6-Trichlorophenol	90	ND	D042	2		<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
2,4-Dinitrotoluene	90	ND	D030	0.13		<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
2-Methylphenol	90	ND	D023	200		47	62		40		44
3+4-Methylphenol	90	ND	D024/25	200		92	82		88		110
Hexachlorobenzene	90	ND	D032	0.13		<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
Hexachlorobutadiene	90	ND	D033	0.5		<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
Hexachloroethane	90	ND	D034	3		**90**	<<<<<<20		<<<<<<20		<<<<<<20
Nitrobenzene	90	ND	D036	2		<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
Pentachlorophenol	90	ND	D037	100		<<<<<<600	<<<<<<600		<<<<<<600		<<<<<<600
Pyridine	90	ND	D038	5		**54**	**31**		**38**		**36**
METALS											
Arsenic	90	ND	D004	5		1.5	<<<<<<1		<<<<<<1		<<<<<<1
Barium	90	ND	D005	100		<<<<<<20	24.2		<<<<<<20		25.4
Cadmium	90	ND	D006	1		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Chromium	90	1.6	D007	5		<<<<<<0.5	1.3		1.2		**60.1**
Lead	90	ND	D008	5		0.65	0.94		1.1		**207**
Mercury	89	ND	D009	0.2		<<<<<<0.033	<<<<<<0.033		<<<<<<0.033		<<<<<<0.033
Selenium	90	ND	D010	1		**2.8**	0.51		<<<<<<0.5		<<<<<<0.5
Silver	90	ND	D011	5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	88	69	D001	140		**67.7**	**67.5**		67.8		67.8
pH	92	6.25	D002	2-12.5		8.4	8.4		9.5		7.2
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<<<<<<2500		<<<<<<0.5			<<<<<<1000	
1,2-Dichloroethane	89	ND	D028	0.5	<<<<<<2500		<<<<<<0.5			<<<<<<1000	
1,4-Dichlorobenzene	89	ND	D027	7.5	<<<<<<2500		<<<<<<0.5			<<<<<<1000	
Benzene	89	69	D018	0.5	<<<<<<2500		**15**			<<<<<<1000	
Carbon Tetrachloride	89	ND	D019	0.5	<<<<<<2500		<<<<<<0.5			<<<<<<1000	
Chlorobenzene	89	1.8	D021	100	<<<<<<2500		<<<<<<0.5			<<<<<<1000	
Chloroform	89	ND	D022	6	<<<<<<10000		<<<<<<2			<<<<<<4000	
Methyl Ethyl Ketone	89	25000	D035	200	**170000**			**22000**		**77000**	
Tetrachloroethylene	89	ND	D039	0.7	<<<<<<2500		**8.3**			<<<<<<1000	
Trichloroethylene	89	ND	D040	0.5	<<<<<<2500		**5**			<<<<<<1000	
Vinyl Chloride	89	ND	D043	0.2	<<<<<<1000		<<<<<<0.2			<<<<<<400	

Paint Waste Other

				Sample Number	C2J170175001R2	C2K010361001	C2K010361001R2	C2K010361001X	C2K060117001	C2K060117001R2	C2K080294001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Nepean,ON	St_ Charles,MO	St_ Charles,MO	St_ Charles,MO	Salt Lake City,UT	Salt Lake City,UT	Oshawa,ON
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400		<<<<<<20			<<<<<<20		<<<<<<20
2,4,6-Trichlorophenol	90	ND	D042	2		<<<<<<20			<<<<<<20		<<<<<<20
2,4-Dinitrotoluene	90	ND	D030	0.13		<<<<<<20			<<<<<<20		<<<<<<20
2-Methylphenol	90	ND	D023	200		<<<<<<20			<<<<<<20		<<<<<<20
3+4-Methylphenol	90	ND	D024/25	200		<<<<<<20			<<<<<<20		<<<<<<20
Hexachlorobenzene	90	ND	D032	0.13		<<<<<<20			<<<<<<20		<<<<<<20
Hexachlorobutadiene	90	ND	D033	0.5		<<<<<<20			<<<<<<20		<<<<<<20
Hexachloroethane	90	ND	D034	3		<<<<<<20			<<<<<<20		<<<<<<20
Nitrobenzene	90	ND	D036	2		<<<<<<20			<<<<<<20		<<<<<<20
Pentachlorophenol	90	ND	D037	100		<<<<<<600			<<<<<<600		<<<<<<600
Pyridine	90	ND	D038	5		<<<<<<20			<<<<<<20		<<<<<<20
METALS											
Arsenic	90	ND	D004	5		<<<<<<1			<<<<<<1		<<<<<<1
Barium	90	ND	D005	100		**282**			62.9		**841**
Cadmium	90	ND	D006	1		<<<<<<0.5			<<<<<<0.5		0.85
Chromium	90	1.6	D007	5		<<<<<<0.5			**356**		**70.9**
Lead	90	ND	D008	5		<<<<<<0.3			**1610**		**11.7**
Mercury	89	ND	D009	0.2		<<<<<<0.033			<<<<<<0.033		<<<<<<0.033
Selenium	90	ND	D010	1		<<<<<<0.5			<<<<<<0.5		<<<<<<0.5
Silver	90	ND	D011	5		<<<<<<0.5			<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	88	69	D001	140		**67.5**			**67.5**		**67.8**
pH	92	6.25	D002	2-12.5				6.9	10.5		7.8
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<<<<<<1000		<<<<<<1000			<<<<<<500	<<<<<<0.5
1,2-Dichloroethane	89	ND	D028	0.5	<<<<<<1000		<<<<<<1000			<<<<<<500	<<<<<<0.5
1,4-Dichlorobenzene	89	ND	D027	7.5	<<<<<<1000		<<<<<<1000			<<<<<<500	<<<<<<0.5
Benzene	89	69	D018	0.5	<<<<<<1000		<<<<<<1000			<<<<<<500	**45**
Carbon Tetrachloride	89	ND	D019	0.5	<<<<<<1000		<<<<<<1000			<<<<<<500	<<<<<<0.5
Chlorobenzene	89	1.8	D021	100	<<<<<<1000		<<<<<<1000			<<<<<<500	<<<<<<0.5
Chloroform	89	ND	D022	6	<<<<<<4000		<<<<<<4000			<<<<<<2000	<<<<<<2
Methyl Ethyl Ketone	89	25000	D035	200	**25000**		**11000**			**44000**	
Tetrachloroethylene	89	ND	D039	0.7	<<<<<<1000		<<<<<<1000			<<<<<<500	
Trichloroethylene	89	ND	D040	0.5	<<<<<<1000		<<<<<<1000			<<<<<<500	78
Vinyl Chloride	89	ND	D043	0.2	<<<<<<400		<<<<<<400			<<<<<<200	<<<<<<0.2

Paint Waste Other

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Sample Number	C2K080294001R2	C2K080386001	C2K080386001R2	C2K130181001	C2K130181001R2	C2K130202001
					Year	2002	2002	2002	2002	2002	2002
						Oshawa,ON	Los Angeles,CA	Los Angeles,CA	Celmsford,ON	Celmsford,ON	Sacramento,CA
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400		<<20			<<<<<20		<<<<<20
2,4,6-Trichlorophenol	90	ND	D042	2		<<20			<<<<<20		<<<<<20
2,4-Dinitrotoluene	90	ND	D030	0.13		<<20			<<<<<20		<<<<<20
2-Methylphenol	90	ND	D023	200		<<20			<<<<<20		<<<<<20
3+4-Methylphenol	90	ND	D024/25	200		<<20			<<<<<20		<<<<<20
Hexachlorobenzene	90	ND	D032	0.13		<<20			<<<<<20		<<<<<20
Hexachlorobutadiene	90	ND	D033	0.5		<<20			<<<<<20		<<<<<20
Hexachloroethane	90	ND	D034	3		<<20			<<<<<20		<<<<<20
Nitrobenzene	90	ND	D036	2		**32**			<<<<<20		<<<<<20
Pentachlorophenol	90	ND	D037	100		<<600			<<<<<600		<<<<<600
Pyridine	90	ND	D038	5		<<20			<<<<<20		<<<<<20
METALS											
Arsenic	90	ND	D004	5		<<1			<<<<<1		<<<<<1
Barium	90	ND	D005	100		**116**			**406**		**869**
Cadmium	90	ND	D006	1		<<0.5			<<<<<0.5		<<<<<0.5
Chromium	90	1.6	D007	5		**36.8**			**14.4**		**9.2**
Lead	90	ND	D008	5		**138**			**8.4**		**29.3**
Mercury	89	ND	D009	0.2		<<0.033			<<<<<0.033		<<<<<0.033
Selenium	90	ND	D010	1		<<0.5			<<<<<0.5		<<<<<0.5
Silver	90	ND	D011	5		<<0.5			<<<<<0.5		<<<<<0.5
Misc											
Flash Point	88	69	D001	140		**67.8**			**67.5**		**67.5**
pH	92	6.25	D002	2-12.5		5.3			8		7.1
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7				<<500		<<<<<500	
1,2-Dichloroethane	89	ND	D028	0.5				<<500		<<<<<500	
1,4-Dichlorobenzene	89	ND	D027	7.5				<<500		<<<<<500	
Benzene	89	69	D018	0.5				<<500		<<<<<500	
Carbon Tetrachloride	89	ND	D019	0.5				<<500		<<<<<500	
Chlorobenzene	89	1.8	D021	100				<<500		<<<<<500	
Chloroform	89	ND	D022	6				<<2000		<<<<<2000	
Methyl Ethyl Ketone	89	25000	D035	200		**39000**		**15000**		**16000**	
Tetrachloroethylene	89	ND	D039	0.7		<<<<<<500		<<500		<<<<<500	
Trichloroethylene	89	ND	D040	0.5				<<500		<<<<<500	
Vinyl Chloride	89	ND	D043	0.2				<<200		<<<<<200	

Paint Waste Other

				Sample Number	C2K130202001R2	C2K130251001	C2K130251001R2	C2K130283001	C2K130283001R2	C2K130339001	C2K130339001R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Sacramento,CA	Highland,CA	Highland,CA	Rohnert Park,CA	Rohnert Park,CA	El Monte,CA	El Monte,CA
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400		<<<<<20		<0.05		<<<<<20	
2,4,6-Trichlorophenol	90	ND	D042	2		<<<<<20		<0.05		<<<<<20	
2,4-Dinitrotoluene	90	ND	D030	0.13		<<<<<20		<0.05		<<<<<20	
2-Methylphenol	90	ND	D023	200		<<<<<20		<0.05		<<<<<20	
3+4-Methylphenol	90	ND	D024/25	200		<<<<<20		0.079		<<<<<20	
Hexachlorobenzene	90	ND	D032	0.13		<<<<<20		<0.025		<<<<<20	
Hexachlorobutadiene	90	ND	D033	0.5		<<<<<20		<0.1		<<<<<20	
Hexachloroethane	90	ND	D034	3		<<<<<20		<1		<<<<<20	
Nitrobenzene	90	ND	D036	2		<<<<<20		<0.05		<<<<<20	
Pentachlorophenol	90	ND	D037	100		<<<<<600		<3		<<<<<600	
Pyridine	90	ND	D038	5		<<<<<20		<0.05		<<<<<20	
METALS											
Arsenic	90	ND	D004	5		<<<<<1		<1		<<<<<1	
Barium	90	ND	D005	100		**333**		**969**		**122**	
Cadmium	90	ND	D006	1		<<<<<0.5		<0.5		<<<<<0.5	
Chromium	90	1.6	D007	5		0.6		**9.8**		**12.9**	
Lead	90	ND	D008	5		1.4		**22.4**		**51.7**	
Mercury	89	ND	D009	0.2		<<<<<0.033		<0.033		<<<<<0.033	
Selenium	90	ND	D010	1		<<<<<0.5		<0.5		<<<<<0.5	
Silver	90	ND	D011	5		<<<<<0.5		<0.5		<<<<<0.5	
Misc											
Flash Point	88	69	D001	140		**67.5**		**67.5**		**67.5**	
pH	92	6.25	D002	2-12.5		7		7.7		6.9	
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<<<<<1200		<<<<<1000		<1000		<<<<<1000
1,2-Dichloroethane	89	ND	D028	0.5	<<<<<1200		<<<<<1000		<1000		<<<<<1000
1,4-Dichlorobenzene	89	ND	D027	7.5	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Benzene	89	69	D018	0.5	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Carbon Tetrachloride	89	ND	D019	0.5	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Chlorobenzene	89	1.8	D021	100	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Chloroform	89	ND	D022	6	<<<<<5000		<<<<<4000		<4000		<<<<<4000
Methyl Ethyl Ketone	89	25000	D035	200	**28000**		**110000**		**34000**		**23000**
Tetrachloroethylene	89	ND	D039	0.7	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Trichloroethylene	89	ND	D040	0.5	<<<<<1200		<<<<<1000		<1000		<<<<<1000
Vinyl Chloride	89	ND	D043	0.2	<<<<<500		<<<<<400		<400		<<<<<400

Paint Waste Other

				Sample Number	C2K130359001	C2K130359001R2	C2K140144001	C2K140144001R2	C2K140153001	C2K140153001R2	C2K140285001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Wichita,KS	Wichita,KS	Sacramento,CA	Sacramento,CA	Oakland,CA	Oakland,CA	Santa Anna,CA
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400	<<20		<<<<<20		<<<<<20		<<<<<20
2,4,6-Trichlorophenol	90	ND	D042	2	<<20		<<<<<20		<<<<<20		<<<<<20
2,4-Dinitrotoluene	90	ND	D030	0.13	<<20		<<<<<20		<<<<<20		<<<<<20
2-Methylphenol	90	ND	D023	200	24		<<<<<20		<<<<<20		<<<<<20
3+4-Methylphenol	90	ND	D024/25	200	<<20		<<<<<20		<<<<<20		41
Hexachlorobenzene	90	ND	D032	0.13	<<20		<<<<<20		<<<<<20		<<<<<20
Hexachlorobutadiene	90	ND	D033	0.5	<<20		<<<<<20		<<<<<20		<<<<<20
Hexachloroethane	90	ND	D034	3	<<20		<<<<<20		<<<<<20		<<<<<20
Nitrobenzene	90	ND	D036	2	<<20		<<<<<20		**46**		**48**
Pentachlorophenol	90	ND	D037	100	<<600		<<<<<600		<<<<<600		<<<<<600
Pyridine	90	ND	D038	5	<<20		**80**		**43**		<<<<<20
METALS											
Arsenic	90	ND	D004	5	<<1		<<<<<1		<<<<<1		<<<<<1
Barium	90	ND	D005	100	**673**		**1670**		**921**		**194**
Cadmium	90	ND	D006	1	<<0.5		0.57		<<<<<0.5		<<<<<0.5
Chromium	90	1.6	D007	5	**14.7**		**16.2**		**29.7**		6
Lead	90	ND	D008	5	**66.1**		**43.1**		**71.7**		**19.6**
Mercury	89	ND	D009	0.2	<<0.033		<<<<<0.033		<<<<<0.033		<<<<<0.033
Selenium	90	ND	D010	1	<<0.5		<<<<<0.5		<<<<<0.5		<<<<<0.5
Silver	90	ND	D011	5	<<0.5		<<<<<0.5		<<<<<0.5		<<<<<0.5
Misc											
Flash Point	88	69	D001	140	**67.5**		**67.5**		**67.5**		67.8
pH	92	6.25	D002	2-12.5	5.8		6.7		7.2		6.8
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7		<<1000		<<<<<1000		<<<<<1000	
1,2-Dichloroethane	89	ND	D028	0.5		<<1000		<<<<<1000		<<<<<1000	
1,4-Dichlorobenzene	89	ND	D027	7.5		<<4000		<<<<<4000		<<<<<4000	
Benzene	89	69	D018	0.5		<<1000		<<<<<1000		<<<<<1000	
Carbon Tetrachloride	89	ND	D019	0.5		<<1000		<<<<<1000		<<<<<1000	
Chlorobenzene	89	1.8	D021	100		<<1000		<<<<<1000		<<<<<1000	
Chloroform	89	ND	D022	6		<<4000		<<<<<4000		<<<<<4000	
Methyl Ethyl Ketone	89	25000	D035	200		**52000**		**43000**		**38000**	
Tetrachloroethylene	89	ND	D039	0.7		<<1000		<<<<<1000		<<<<<1000	
Trichloroethylene	89	ND	D040	0.5		<<1000		<<<<<1000		<<<<<1000	
Vinyl Chloride	89	ND	D043	0.2		<<400		<<<<<400		<<<<<400	

Paint Waste Other

				Sample Number	C2K140285001R2	C2K140299001	C2K140299001R2	C2K220139001	C2K220139001R2	C2L060112001	C2L060112001R2
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Santa Anna,CA	Salida,CA	Salida,CA	Omaha,NE	Omaha,NE	Fresno,CA	Fresno,CA
BNA											
2,4,5-Trichlorophenol	90	ND	D041	400		<<<<<20		<<<20		<20	
2,4,6-Trichlorophenol	90	ND	D042	2		<<<<<20		<<<20		<20	
2,4-Dinitrotoluene	90	ND	D030	0.13		<<<<<20		<<<20		<20	
2-Methylphenol	90	ND	D023	200		<<<<<20		<<<20		<20	
3+4-Methylphenol	90	ND	D024/25	200		<<<<<20		<<<20		<20	
Hexachlorobenzene	90	ND	D032	0.13		<<<<<20		<<<20		<20	
Hexachlorobutadiene	90	ND	D033	0.5		<<<<<20		<<<20		<20	
Hexachloroethane	90	ND	D034	3		<<<<<20		<<<20		<20	
Nitrobenzene	90	ND	D036	2		<<<<<20		<<<20		<20	
Pentachlorophenol	90	ND	D037	100		<<<<<600		<<<600		<600	
Pyridine	90	ND	D038	5		<<<<<20		<<<20		**34**	
METALS											
Arsenic	90	ND	D004	5		<<<<<1		<<<1		<1	
Barium	90	ND	D005	100		<<<<<20		**159**		<20	
Cadmium	90	ND	D006	1		<<<<<0.5		<<<0.5		<0.5	
Chromium	90	1.6	D007	5		6.7		1.6		1.6	
Lead	90	ND	D008	5		1.6		**6.3**		**6.7**	
Mercury	89	ND	D009	0.2		<<<<<0.033		<<<0.033		<0.033	
Selenium	90	ND	D010	1		**1.4**		**1.1**		<0.5	
Silver	90	ND	D011	5		<<<<<0.5		<<<0.5		<0.5	
Misc											
Flash Point	88	69	D001	140		**67.8**		**67.8**		**67.4**	
pH	92	6.25	D002	2-12.5		8		7.8		7.2	
VOA											
1,1-Dichloroethylene	89	ND	D029	0.7	<<<<<1000		<<<<<1000		<<<1000		<1000
1,2-Dichloroethane	89	ND	D028	0.5	<<<<<1000		<<<<<1000		<<<1000		<1000
1,4-Dichlorobenzene	89	ND	D027	7.5	<<<<<4000		<<<<<4000		<<<4000		<4000
Benzene	89	69	D018	0.5	<<<<<1000		<<<<<1000		<<<1000		<1000
Carbon Tetrachloride	89	ND	D019	0.5	<<<<<1000		<<<<<1000		<<<1000		<1000
Chlorobenzene	89	1.8	D021	100	<<<<<1000		<<<<<1000		<<<1000		<1000
Chloroform	89	ND	D022	6	<<<<<4000		<<<<<4000		<<<4000		<4000
Methyl Ethyl Ketone	89	25000	D035	200	**27000**		**99000**		**83000**		**77000**
Tetrachloroethylene	89	ND	D039	0.7	<<<<<1000		<<<<<1000		<<<1000		<1000
Trichloroethylene	89	ND	D040	0.5	<<<<<1000		<<<<<1000		<<<1000		<1000
Vinyl Chloride	89	ND	D043	0.2	<<<<<400		<<<<<400		<<<400		<400

PWS 105 and 150

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Sample Number 2024844	2024861	2035145	2042518	2042576	2042585	2057300	2059482	2067245
				Year	2000	2000	2000	2000	2000	2000	2000	2000	2000
					Blaine,MN	Blaine,MN	Salt Lake City,UT	Blaine,MN	Blaine,MN	Eagan,MN	Ashland,KY	Reedley,CA	Fresno,CA
BNA													
2,4,5-Trichlorophenol	46	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200
2,4,6-Trichlorophenol	46	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200
2,4-Dinitrotoluene	46	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<40
2-Methylphenol	46	ND	D023	200	<5.0	<5.0	<5.0	7.65	<5.0	<5.0	<5.0	<5.0	<200
3+4-Methylphenol	46	ND	D024/25	200	<5.0	<5.0	<5.0	5.73	<5.0	<5.0	<5.0	<5.0	<200
Hexachlorobenzene	46	ND	D032	0.13	0.064636	0.064502	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<40
Hexachlorobutadiene	46	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<200
Hexachloroethane	46	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<200
Nitrobenzene	46	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<200
Pentachlorophenol	46	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200
Pyridine	46	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<210
METALS													
Arsenic	46	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	46	ND	D005	100	0.867	1.48	1.19	1.28	1.15	1.29	1.03	1.31	<0.500
Cadmium	46	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	46	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	46	3.4	D008	5	<4.00	4.66	<4.00	**12.2**	**12.5**	<4.00	<4.00	<4.00	17.4
Mercury	46	ND	D009	0.2	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	46	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	46	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	46	144	D001	140	118	**122**	146	146	**135**	145	**92**	152	160
pH	51	7.10	D002	2-12.5	6.42	7.01	7.25	7.78	6.87	6.69	7.17	6.9	6.91
VOA													
1,1-Dichloroethylene	46	ND	D029	0.7	<4.0	<4.0	<0.40	<0.80	<0.80	<4.0	<0.40	<0.80	<0.80
1,2-Dichloroethane	46	ND	D028	0.5	<2.0	<2.0	<0.20	<0.40	<0.40	<2.0	<0.20	<0.40	<0.40
1,4-Dichlorobenzene	46	3	D027	7.5	<5.0	<5.0	1.9	**33.7**	**161**	<5.0	1.7	4.5	<1.0
Benzene	46	4.4	D018	0.5	**2.8**	**2.9**	**41.2**	**2.6**	**2.4**	**3.2**	**4.9**	**4.7**	1.3
Carbon Tetrachloride	46	ND	D019	0.5	<2.0	<2.0	<0.20	<0.40	<0.40	<2.0	<0.20	<0.40	<0.40
Chlorobenzene	46	ND	D021	100	<2.0	<2.0	<0.20	8.1	**47.1**	<2.0	<0.20	<0.40	<0.40
Chloroform	46	ND	D022	6	<2.0	<2.0	<0.20	<0.40	<0.40	<2.0	<0.20	<0.40	<0.40
Methyl Ethyl Ketone	46	7.2	D035	200	8	6.4	<0.50	7.7	5.4	24.3	2	8.6	<1.0
Tetrachloroethylene	46	1130	D039	0.7	**1770**	**1470**	**1190**	**1850**	**1890**	**887**	**953**	**2040**	**815**
Trichloroethylene	46	35.8	D040	0.5	**57.6**	**49**	**6.7**	**28.6**	**34.3**	**58.6**	**43.7**	**16.7**	**19.4**
Vinyl Chloride	46	ND	D043	0.2	<1.5	<1.5	<0.15	<0.30	<0.30	<1.5	<0.15	<0.30	<0.30

PWS 105 and 150

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Gering,NE	Eagan,MN	Eagan,MN	Omaha,NE	Grand Island,NE	Garden City,GA	Fresno,CA	Los Angeles,CA	Salida,CA
				Sample Number	2075099	2076552	2076554	2079301	2082499	2083428	2087153	2088692	2089538
				Year	2001	2001	2001	2001	2001	2001	2001	2001	2001
BNA													
2,4,5-Trichlorophenol	46	ND	D041	400	<5.0	<200	<200	<5.0	<5.0	<5.0	<5.0	<300	<5.0
2,4,6-Trichlorophenol	46	ND	D042	2	<2.0	<200	<200	<2.0	<2.0	<2.0	<2.0	<300	<2.0
2,4-Dinitrotoluene	46	ND	D030	0.13	<0.13	<40	<40	<0.13	<0.13	<0.13	<0.13	<40	<0.13
2-Methylphenol	46	ND	D023	200	<5.0	<200	<200	5.42	<5.0	<5.0	<5.0	<400	<5.0
3+4-Methylphenol	46	ND	D024/25	200	<5.0	<200	<200	<5.0	<5.0	<5.0	<5.0	<500	<5.0
Hexachlorobenzene	46	ND	D032	0.13	0.028925	<40	<40	<0.025	<0.025	<0.025	<0.025	<40	<0.025
Hexachlorobutadiene	46	ND	D033	0.5	<0.10	<200	<200	<0.10	<0.10	<0.10	<0.10	<200	<0.10
Hexachloroethane	46	ND	D034	3	<1.0	<200	<200	<1.0	<1.0	<1.0	<1.0	<200	<1.0
Nitrobenzene	46	ND	D036	2	<0.40	<200	<200	<0.40	<0.40	<0.40	<0.40	<200	<0.40
Pentachlorophenol	46	ND	D037	100	<5.0	<200	<200	<5.0	<5.0	<5.0	<5.0	<520	<5.0
Pyridine	46	ND	D038	5	<1.0	<210	<210	<1.0	<1.0	<1.0	<1.0	<580	<1.0
METALS													
Arsenic	46	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	46	ND	D005	100	2.45	1.21	1.20	1.49	0.774	<0.500	<0.500	<0.500	0.762
Cadmium	46	ND	D006	1	<0.500	<0.500	<0.500	<0.500	0.512	<0.500	<0.500	<0.500	<0.500
Chromium	46	ND	D007	5	<0.500	<0.500	<0.500	<0.500	0.501	<0.500	<0.500	<0.500	<0.500
Lead	46	3.4	D008	5	4.04	<4.00	**5.34**	<4.00	**7.71**	<4.00	<4.00	<4.00	<4.00
Mercury	46	ND	D009	0.2	<0.100	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	46	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	46	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	46	144	D001	140	**136**	142	147	144	**138**	145	152	152	151
pH	51	7.10	D002	2-12.5	7.19	6.88	6.71	5.28	7.27	6.24	5.39	6.87	5.76
VOA													
1,1-Dichloroethylene	46	ND	D029	0.7	<2.0	<1.6	<1.6	<2.0	<0.40	<1.6	<1.6	<2.0	<4.0
1,2-Dichloroethane	46	ND	D028	0.5	<1.0	<0.80	<0.80	<1.0	<0.20	<0.80	<0.80	<1.0	<2.0
1,4-Dichlorobenzene	46	3	D027	7.5	**8**	3.7	3.4	4.9	4.5	<2.0	3.1	<2.5	<5.0
Benzene	46	4.4	D018	0.5	**2.2**	**2**	**2.4**	**3.9**	**4.4**	**3.2**	<0.80	**3.5**	**3.8**
Carbon Tetrachloride	46	ND	D019	0.5	<1.0	<0.80	<0.80	<1.0	<0.20	<0.80	<0.80	<1.0	<2.0
Chlorobenzene	46	ND	D021	100	<1.0	<0.80	<0.80	<1.0	<0.20	<0.80	<0.80	<1.0	<2.0
Chloroform	46	ND	D022	6	<1.0	<0.80	<0.80	<1.0	<0.20	<0.80	<0.80	<1.0	<2.0
Methyl Ethyl Ketone	46	7.2	D035	200	<2.5	3.4	5.7	5.7	<0.50	<2.0	<2.0	124	53.1
Tetrachloroethylene	46	1130	D039	0.7	**3280**	**691**	**745**	**1270**	**1070**	**1370**	**1060**	**1470**	**1130**
Trichloroethylene	46	35.8	D040	0.5	**11.6**	**51.4**	**60.2**	**124**	**16.6**	**28.1**	**11**	**35.8**	**30.6**
Vinyl Chloride	46	ND	D043	0.2	<0.75	<0.60	<0.60	<0.75	<0.15	<0.60	<0.60	<0.75	<1.5

PWS 105 and 150

				Sample Number	2089559	2091972	2094182	2094452	2094452	2095479	2097353	2123638
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Santa Anna,CA	Sacramento,CA	Oakland,CA	Archdale,NC	High Point,NC	Reedley,CA	Avon,NY	Oakland,CA
BNA												
2,4,5-Trichlorophenol	46	ND	D041	400	<5.0	<5.0	<5.0	<0.15	<0.15	<5.0	<5.0	<25
2,4,6-Trichlorophenol	46	ND	D042	2	<2.0	<2.0	<2.0	<0.15	<0.15	<2.0	<2.0	<10.0
2,4-Dinitrotoluene	46	ND	D030	0.13	<0.13	<0.13	<0.13	<0.020	<0.020	<0.13	<0.13	<0.65
2-Methylphenol	46	ND	D023	200	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<25
3+4-Methylphenol	46	ND	D024/25	200	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<25
Hexachlorobenzene	46	ND	D032	0.13	<0.025	<0.025	<0.025	<0.020	<0.020	<0.025	<0.025	<0.025
Hexachlorobutadiene	46	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	46	ND	D034	3	<1.0	<1.0	<1.0	<0.10	<0.10	<1.0	<1.0	<1.0
Nitrobenzene	46	ND	D036	2	<0.40	<0.40	<0.40	<0.10	<0.10	<0.40	<0.40	<2.0
Pentachlorophenol	46	ND	D037	100	<5.0	<5.0	<5.0	<0.26	<0.26	<5.0	<5.0	<25
Pyridine	46	ND	D038	5	<1.0	<1.0	<1.0	<0.25	<0.25	<1.0	<1.0	<5.0
METALS												
Arsenic	46	ND	D004	5	<5.00	<5.00	<5.00	<0.500	<0.500	<5.00	<5.00	<5.00
Barium	46	ND	D005	100	<0.500	0.678	1.34	3.58	3.58	1.26	1.39	0.789
Cadmium	46	ND	D006	1	<0.500	<0.500	**2.56**	**3.06**	**3.06**	<0.500	<0.500	<0.500
Chromium	46	ND	D007	5	<0.500	<0.500	<0.500	0.147	0.147	<0.500	<0.500	<0.500
Lead	46	3.4	D008	5	<4.00	**9.19**	**6.86**	**123**	**123**	<4.00	<4.00	<4.00
Mercury	46	ND	D009	0.2	<0.10	<0.10	<0.10	<0.0008	<0.0008	<0.10	<0.10	<0.10
Selenium	46	ND	D010	1	<0.45	<0.45	<0.45	<0.750	<0.750	<0.45	<0.45	<0.45
Silver	46	ND	D011	5	<0.500	<0.500	<0.500	<0.050	<0.050	<0.500	<0.500	<0.500
Misc												
Flash Point	46	144	D001	140	148	158	152	138	138	151	145	144
pH	51	7.10	D002	2-12.5	7.91	8.02	5.33	7.77	7.77	6.58	7.20	7.56
VOA												
1,1-Dichloroethylene	46	ND	D029	0.7	<0.80	<0.80	<1.6	<0.20	<0.20	<0.80	<0.80	<0.40
1,2-Dichloroethane	46	ND	D028	0.5	<0.40	<0.40	<0.80	<0.20	<0.20	<0.40	<0.40	<0.20
1,4-Dichlorobenzene	46	3	D027	7.5	1.3	<1.0	<2.0	<0.20	<0.20	<1.0	3.3	<0.50
Benzene	46	4.4	D018	0.5	7.7	<0.40	3.4	<0.20	<0.20	7	**1.9**	**11.3**
Carbon Tetrachloride	46	ND	D019	0.5	<0.40	<0.40	<0.80	<0.20	<0.20	<0.40	<0.40	<0.20
Chlorobenzene	46	ND	D021	100	<0.40	<0.40	<0.80	<0.20	<0.20	<0.40	<0.40	<0.20
Chloroform	46	ND	D022	6	<0.40	<0.40	<0.80	<0.20	<0.20	<0.40	<0.40	<0.20
Methyl Ethyl Ketone	46	7.2	D035	200	**226**	2.4	60	0.64	0.64	34.6	51.7	3.1
Tetrachloroethylene	46	1130	D039	0.7	**1120**	**3100**	**1720**	**1.135**	**1.135**	**1130**	**906**	**1930**
Trichloroethylene	46	35.8	D040	0.5	**69**	**1**	**8.8**	<0.20	<0.20	**66.6**	33.7	18.9
Vinyl Chloride	46	ND	D043	0.2	<0.30	<0.30	<0.60	<0.14	<0.14	<0.30	<0.30	<0.15

PWS 105 and 150

				Sample Number	2132316	2133102	2134287	2134319	2139791	2139803	2139836	2142967
				Year	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Blaine,MN	Grand Junction,CO	Denton,TX	Denton,TX	Salt Lake City,UT	Fresno,CA	Los Angeles,CA	Santa Anna,CA
BNA												
2,4,5-Trichlorophenol	46	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.672	<0.15
2,4,6-Trichlorophenol	46	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.112	<0.15
2,4-Dinitrotoluene	46	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.0772	<0.020
2-Methylphenol	46	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<7.4	<10.0
3+4-Methylphenol	46	ND	D024/25	200	<5.0	6.46	<5.0	<5.0	<5.0	6.72	<7.4	<10.0
Hexachlorobenzene	46	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.0226	<0.020
Hexachlorobutadiene	46	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.076	<0.10
Hexachloroethane	46	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.568	<0.10
Nitrobenzene	46	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.256	<0.10
Pentachlorophenol	46	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.7248	<0.26
Pyridine	46	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.64	<0.25
METALS												
Arsenic	46	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<2.84	<0.500
Barium	46	ND	D005	100	0.995	<5.00	<5.00	<5.00	<5.00	<5.00	3.099	1.40
Cadmium	46	ND	D006	1	<0.500	<0.500	<0.500	0.532	<0.500	<0.500	<0.284	0.066
Chromium	46	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.323	<0.050
Lead	46	3.4	D008	5	**6.15**	<4.00	<4.00	<4.00	<4.00	<4.00	<2.272	<0.400
Mercury	46	ND	D009	0.2	<0.10	<0.10	<0.040	<0.040	<0.040	<0.040	<0.021184	<0.0008
Selenium	46	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.594	<0.750
Silver	46	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.284	<0.050
Misc												
Flash Point	46	144	D001	140	142	150	150	152	153	145	**128**	168
pH	51	7.10	D002	2-12.5	7.62	7.10	8.41	6.77	4.49	5.57	6.40	5.59
VOA												
1,1-Dichloroethylene	46	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.236	<0.20
1,2-Dichloroethane	46	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20
1,4-Dichlorobenzene	46	3	D027	7.5	2.3	0.82	<0.50	<0.50	<0.50	0.84	<0.254	<0.20
Benzene	46	4.4	D018	0.5	**3.2**	**6**	**3.7**	**3.6**	**2.3**	7.3	<0.2	<0.20
Carbon Tetrachloride	46	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20
Chlorobenzene	46	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20
Chloroform	46	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20
Methyl Ethyl Ketone	46	7.2	D035	200	6.4	4.1	10	173	2.1	19.9	<0.91	<1.0
Tetrachloroethylene	46	1130	D039	0.7	**1190**	**1100**	**798**	**728**	**357**	**1530**	**34.83**	<0.20
Trichloroethylene	46	35.8	D040	0.5	**43.3**	**71.6**	**48.7**	**60.7**	**14**	**75.7**	0.27	<0.20
Vinyl Chloride	46	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.1418	<0.14

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				Sample Number	2145213	C2I230202001	C2I230202001R2	C2I230203001	C2I250316001	C2I250316001R2	C2J150213001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Rohnert Park,CA	Blaine,MN	Blaine,MN	Blaine,MN	Boise,ID	Boise,ID	Avon,NY
BNA											
2,4,5-Trichlorophenol	46	ND	D041	400	<5.0	0.18		0.21	0.25		0.13
2,4,6-Trichlorophenol	46	ND	D042	2	<2.0	<<<<<<0.05		0.081	<<<<<<0.05		0.058
2,4-Dinitrotoluene	46	ND	D030	0.13	<0.13	<<<<<<0.05		<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
2-Methylphenol	46	ND	D023	200	<5.0	2.3		2.8	1.9		2.9
3+4-Methylphenol	46	ND	D024/25	200	<5.0	3		3.3	6.5		3.4
Hexachlorobenzene	46	ND	D032	0.13	<0.025	<<<<<<0.025		<<<<<<0.025	<<<<<<0.025		<<<<<<0.025
Hexachlorobutadiene	46	ND	D033	0.5	<0.10	<<<<<<0.1		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1
Hexachloroethane	46	ND	D034	3	<1.0	<<<<<<1		<<<<<<1	<<<<<<1		<<<<<<1
Nitrobenzene	46	ND	D036	2	<0.40	<<<<<<0.05		<<<<<<0.05	<<<<<<0.05		0.38
Pentachlorophenol	46	ND	D037	100	<5.0	<<<<<<3		<<<<<<3	<<<<<<3		<<<<<<3
Pyridine	46	ND	D038	5	<1.0	0.071		0.1	0.1		0.079
METALS											
Arsenic	46	ND	D004	5	<5.00	<<<<<<1		<<<<<<1	<<<<<<1		<<<<<<1
Barium	46	ND	D005	100	<5.00	<<<<<<20		<<<<<<20	<<<<<<20		<<<<<<20
Cadmium	46	ND	D006	1	<0.500	<<<<<<0.5		0.89	<<<<<<0.5		0.51
Chromium	46	ND	D007	5	<0.500	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		0.63
Lead	46	3.4	D008	5	<4.00	**8.8**		**9.1**	<<<<<<0.3		**11**
Mercury	46	ND	D009	0.2	<0.1	<<<<<<0.033		<<<<<<0.033	<<<<<<0.033		<<<<<<0.033
Selenium	46	ND	D010	1	<0.45	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Silver	46	ND	D011	5	<0.500	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	46	144	D001	140	111	145		141	165		140
pH	51	7.10	D002	2-12.5	6.85	7.8		7.4	6.8		7.2
VOA											
1,1-Dichloroethylene	46	ND	D029	0.7	<0.40	<<<<<<0.25		<<<<<<10	<<<<<<0.25		
1,2-Dichloroethane	46	ND	D028	0.5	<0.20	<<<<<<0.25		<<<<<<10	<<<<<<0.25		
1,4-Dichlorobenzene	46	3	D027	7.5	<0.50	5.4		<<<<<<10	0.74		
Benzene	46	4.4	D018	0.5	**36**	**6.3**		<<<<<<10	**4.8**		
Carbon Tetrachloride	46	ND	D019	0.5	<0.20	<<<<<<0.25		<<<<<<10	<<<<<<0.25		
Chlorobenzene	46	ND	D021	100	<0.20	<<<<<<0.25		<<<<<<10	<<<<<<0.25		
Chloroform	46	ND	D022	6	<0.20	<<<<<<1		<<<<<<40	<<<<<<1		
Methyl Ethyl Ketone	46	7.2	D035	200	9.7	1.5		<<<<<<10	7.2		
Tetrachloroethylene	46	1130	D039	0.7	**392**		**950**	**920**		**1500**	
Trichloroethylene	46	35.8	D040	0.5	**3.2**		**30**	**29**		**260**	
Vinyl Chloride	46	ND	D043	0.2	<0.15	<<<<<<0.1		<<<<<<4	<<<<<<0.1		

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				Sample Number	C2J150213001R2	C2K010354001	C2K010354001R2	C2K080366001	C2K080366001R2	C2K130220001
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Avon,NY	Fargo,ND	Fargo,ND	Lexington,KY	Lexington,KY	Sacramento,CA
BNA										
2,4,5-Trichlorophenol	46	ND	D041	400		<<<<<<0.05			<<<<<0.2	<<<<<0.05
2,4,6-Trichlorophenol	46	ND	D042	2		<<<<<<0.05			<<<<<0.2	<<<<<0.05
2,4-Dinitrotoluene	46	ND	D030	0.13		<<<<<<0.05			<<<<<0.2	<<<<<0.05
2-Methylphenol	46	ND	D023	200		2.2			0.71	0.23
3+4-Methylphenol	46	ND	D024/25	200		2.9			2.1	1.1
Hexachlorobenzene	46	ND	D032	0.13		<<<<<<0.025		<<<<<0.025		<<<<<0.025
Hexachlorobutadiene	46	ND	D033	0.5		<<<<<<0.1		<<<<<0.1		<<<<<0.1
Hexachloroethane	46	ND	D034	3		<<<<<<1		<<<<<1		<<<<<1
Nitrobenzene	46	ND	D036	2		<<<<<<0.05			0.43	<<<<<0.05
Pentachlorophenol	46	ND	D037	100		<<<<<<3			<<<<<12	<<<<<3
Pyridine	46	ND	D038	5		<<<<<<0.05			<<<<<0.2	<<<<<0.05
METALS										
Arsenic	46	ND	D004	5		<<<<<<1		<<<<<1		<<<<<1
Barium	46	ND	D005	100		<<<<<<20		<<<<<20		<<<<<20
Cadmium	46	ND	D006	1		<<<<<<0.5		<<<<<0.5		<<<<<0.5
Chromium	46	ND	D007	5		<<<<<<0.5		<<<<<0.5		<<<<<0.5
Lead	46	3.4	D008	5		2.4		4.5		0.43
Mercury	46	ND	D009	0.2		<<<<<<0.033		<<<<<0.033		<<<<<0.033
Selenium	46	ND	D010	1		<<<<<<0.5		<<<<<0.5		<<<<<0.5
Silver	46	ND	D011	5		<<<<<<0.5		<<<<<0.5		<<<<<0.5
Misc										
Flash Point	46	144	D001	140		158		143		154
pH	51	7.10	D002	2-12.5		5.5		7.2		8.6
VOA										
1,1-Dichloroethylene	46	ND	D029	0.7	<<<<<<12	<<<<<<0.5			<<<<<20	
1,2-Dichloroethane	46	ND	D028	0.5	<<<<<<12	<<<<<<0.5			<<<<<20	
1,4-Dichlorobenzene	46	3	D027	7.5	<<<<<<12	3			<<<<<20	
Benzene	46	4.4	D018	0.5	<<<<<<12	<<<<<<0.5			<<<<<20	
Carbon Tetrachloride	46	ND	D019	0.5	<<<<<<12	<<<<<<0.5			<<<<<20	
Chlorobenzene	46	ND	D021	100	<<<<<<12	<<<<<<0.5			<<<<<20	
Chloroform	46	ND	D022	6	<<<<<<50	<<<<<<2			<<<<<80	
Methyl Ethyl Ketone	46	7.2	D035	200	<<<<<<12	0.66			<<<<<20	
Tetrachloroethylene	46	1130	D039	0.7	**920**		**520**		**810**	
Trichloroethylene	46	35.8	D040	0.5	<<<<<<12		**11**		**49**	
Vinyl Chloride	46	ND	D043	0.2	<<<<<<5	<<<<<<0.2			<<<<<8	

PWS 105 and 150

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Sample Number	C2K130220001R2	C2K140297001	C2K200288001	C2K200288001R2	C2L030248001	C2L030248001R2	C2L110354001
					Year	2002	2002	2002	2002	2002	2002	2002
						Sacramento,CA	Salida,CA	Gering,NE	Gering,NE	Omaha,NE	Omaha,NE	Gering,NE
BNA												
2,4,5-Trichlorophenol	46	ND	D041	400			<<<<<0.05	<<0.05		<0.05		<0.05
2,4,6-Trichlorophenol	46	ND	D042	2			<<<<<0.05	<<0.05		<0.05		<0.05
2,4-Dinitrotoluene	46	ND	D030	0.13			<<<<<0.05	<<0.05		<0.05		0.099
2-Methylphenol	46	ND	D023	200			0.69	0.61		0.71		5.7
3+4-Methylphenol	46	ND	D024/25	200			1.3	1.3		0.88		3.1
Hexachlorobenzene	46	ND	D032	0.13			<<<<<0.025	<<0.025		<0.025		<0.025
Hexachlorobutadiene	46	ND	D033	0.5			<<<<<0.1	<<0.1		<0.1		<0.1
Hexachloroethane	46	ND	D034	3			<<<<<1	<<1		<1		<1
Nitrobenzene	46	ND	D036	2			2	<<0.05		1.1		2
Pentachlorophenol	46	ND	D037	100			<<<<<3	<<3		<3		<3
Pyridine	46	ND	D038	5			<<<<<0.05	<<0.05		<0.05		<0.05
METALS												
Arsenic	46	ND	D004	5			<<<<<1	<<1		<1		<1
Barium	46	ND	D005	100			<<<<<20	<<20		<20		<20
Cadmium	46	ND	D006	1			0.81	<<0.5		0.51		<0.5
Chromium	46	ND	D007	5			0.55	<<0.5		<0.5		<0.5
Lead	46	3.4	D008	5			**19.2**	**5.5**		3.4		**5.1**
Mercury	46	ND	D009	0.2			<<<<<0.033	<<0.033		<0.033		<0.033
Selenium	46	ND	D010	1			<<<<<0.5	<<0.5		<0.5		<0.5
Silver	46	ND	D011	5			<<<<<0.5	<<0.5		<0.5		<0.5
Misc												
Flash Point	46	144	D001	140			**67.8**	**133**		**139**		145
pH	51	7.10	D002	2-12.5			10.3	5.8		9.3		8.6
VOA												
1,1-Dichloroethylene	46	ND	D029	0.7		<<<<<10	<<<<<0.5		<<5		<12	
1,2-Dichloroethane	46	ND	D028	0.5		<<<<<10	<<<<<0.5		<<5		<12	
1,4-Dichlorobenzene	46	3	D027	7.5		<<<<<10	<<<<<2		<<20		<50	
Benzene	46	4.4	D018	0.5		<<<<<10	<<<<<0.5		<<5		<12	
Carbon Tetrachloride	46	ND	D019	0.5		<<<<<10	<<<<<0.5		<<5		<12	
Chlorobenzene	46	ND	D021	100		<<<<<10	<<<<<0.5		<<5		<12	
Chloroform	46	ND	D022	6		<<<<<40	<<<<<2		<<20		<50	
Methyl Ethyl Ketone	46	7.2	D035	200		<<<<<10	2.9		<<20		<50	
Tetrachloroethylene	46	1130	D039	0.7		**1200**	**1.5**		**400**		**1400**	
Trichloroethylene	46	35.8	D040	0.5		**13**	<<<<<0.5		<<5		**120**	
Vinyl Chloride	46	ND	D043	0.2		<<<<<4	<<<<<0.2		<<2		<5	

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Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Gering,NE
				Sample Number	C2L110354001R2
				Year	2002
BNA					
2,4,5-Trichlorophenol	46	ND	D041	400	
2,4,6-Trichlorophenol	46	ND	D042	2	
2,4-Dinitrotoluene	46	ND	D030	0.13	
2-Methylphenol	46	ND	D023	200	
3+4-Methylphenol	46	ND	D024/25	200	
Hexachlorobenzene	46	ND	D032	0.13	
Hexachlorobutadiene	46	ND	D033	0.5	
Hexachloroethane	46	ND	D034	3	
Nitrobenzene	46	ND	D036	2	
Pentachlorophenol	46	ND	D037	100	
Pyridine	46	ND	D038	5	
METALS					
Arsenic	46	ND	D004	5	
Barium	46	ND	D005	100	
Cadmium	46	ND	D006	1	
Chromium	46	ND	D007	5	
Lead	46	3.4	D008	5	
Mercury	46	ND	D009	0.2	
Selenium	46	ND	D010	1	
Silver	46	ND	D011	5	
Misc					
Flash Point	46	144	D001	140	
pH	51	7.10	D002	2-12.5	
VOA					
1,1-Dichloroethylene	46	ND	D029	0.7	<10
1,2-Dichloroethane	46	ND	D028	0.5	<10
1,4-Dichlorobenzene	46	3	D027	7.5	<40
Benzene	46	4.4	D018	0.5	<10
Carbon Tetrachloride	46	ND	D019	0.5	<10
Chlorobenzene	46	ND	D021	100	<10
Chloroform	46	ND	D022	6	<40
Methyl Ethyl Ketone	46	7.2	D035	200	<40
Tetrachloroethylene	46	1130	D039	0.7	**1100**
Trichloroethylene	46	35.8	D040	0.5	**46**
Vinyl Chloride	46	ND	D043	0.2	<4

PWS 105

				Sample Number	2009203	2011431	2015033	2015436	2015441	2015462	2016048	2016049	2016050
				Year	2000	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Denton,TX	Gering,NE	Fargo,ND	Fargo,ND	Albuquerque,NM	Omaha,NE	Eagan,MN	Sioux Falls,SD	Eagan,MN
BNA													
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.60	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	13.5	<6.0	<5.0	<5.0	<5.0	<5.0	<16	5.68
3+4-Methylphenol	157	ND	D024/25	200	<5.0	14.5	**9.77**	<5.0	<5.0	6.95	<5.0	7.24	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Hexachloroethane	158	ND	D034	3	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.4	<0.40	<0.4
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS													
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<0.500	<0.500	70.3	1.32	24.3	<0.500	1.27	1.87	1.30
Cadmium	158	ND	D006	1	<0.500	<0.500	**3.04**	<0.500	<0.500	<0.500	<0.500	0.627	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	**5.22**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	**31.4**	<4.00	<4.00	<4.00	**5.38**	<4.00	**5.81**
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.040	<0.040	<0.040	<0.10	<0.10	<0.100
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.008	<0.008	<0.008	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	157	138	D001	140	146	**136**	142	**130**	161	**137**	142	**139**	142
pH	161	7.2	D002	2-12.5	6.1	10.16	7.4	7.4	6.3	6.1	7.2	7.0	7.0
VOA													
1,1-Dichloroethylene	158	ND	D029	0.7	<4.0	<4.0	<40	<4.0	<0.40	<4.0	<4.0	<4.0	<4.0
1,2-Dichloroethane	158	ND	D028	0.5	<2.0	<2.0	<20	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	158	ND	D027	7.5	<5.0	**10.4**	<50	<5.0	0.74	<5.0	<5.0	6.4	<5.0
Benzene	158	ND	D018	0.5	**9.9**	**2.2**	<20	**3.7**	0.28	**2.4**	**2.6**	<2.0	**2.4**
Carbon Tetrachloride	158	ND	D019	0.5	<2.0	<2.0	<20	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0
Chlorobenzene	158	ND	D021	100	<2.0	<2.0	<20	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0
Chloroform	158	ND	D022	6	<2.0	<2.0	<20	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0
Methyl Ethyl Ketone	158	ND	D035	200	6.7	<5.0	<50	6.2	<0.50	5.4	7.6	11.9	<5.0
Tetrachloroethylene	158	828	D039	0.7	**877**	**2430**	**46000**	**2410**	**40.6**	**974**	**894**	**532**	**847**
Trichloroethylene	158	14.4	D040	0.5	**117**	**78.5**	**54.2**	**59**	**0.71**	**45.8**	**86.1**	**19**	**95.2**
Vinyl Chloride	158	ND	D043	0.2	<1.5	<1.5	<15	<1.5	<0.15	<1.5	<1.5	<1.5	<1.5

PWS 105

Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Blaine,MN	Blaine,MN	Edwardsville,KS	Grand Island,NE	Wichita,KS	Garden City,GA	Longview,TX	Syracuse,NY
				Sample Number	2016264	2016269	2017367	2017645	2018176	2025720	2035230	2037675
				Year	2000	2000	2000	2000	2000	2000	2000	2000
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0		<9.5	<5.0	<5.0	11	<5.0	6.89
3+4-Methylphenol	157	ND	D024/25	200	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	5.29
Hexachlorobenzene	157	ND	D032	0.13	**0.15903**	**0.16651**	<0.0050	<0.025	<0.0050	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.020	<0.020	<0.10	<0.020	<0.020	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40		<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	1.08	1.10	0.706	<0.500	<0.500	<0.500	4.61	1.4
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	0.646	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	0.550	<0.500	0.53	<0.500	<0.500
Lead	158	ND	D008	5	**12.4**	**12.2**	**25.9**	<4.00	**7.45**	<4.00	**10.4**	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.040	<0.10	<0.10	<0.040	<0.040	<0.100	<0.10
Selenium	158	ND	D010	1	<0.45	<0.008	<0.45	<0.45	<0.008	<0.008	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	**122**	146	**137**	145	143	**112**	152	**130**
pH	161	7.2	D002	2-12.5	7.9	8.1	7.2	7.2	8.51	9.11	6.92	6.85
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<4.0	<4.0	<4.0	<4.0	<4.0	<0.40	<0.40	<4.0
1,2-Dichloroethane	158	ND	D028	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<0.20	<2.0
1,4-Dichlorobenzene	158	ND	D027	7.5	<5.0	<5.0	**9.8**	<5.0	<5.0	<0.50	0.99	<5.0
Benzene	158	ND	D018	0.5	<2.0	<2.0	<2.0	**2.2**	**3.8**	**96.7**	**3.8**	**2.3**
Carbon Tetrachloride	158	ND	D019	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<0.20	<2.0
Chlorobenzene	158	ND	D021	100	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<0.20	<2.0
Chloroform	158	ND	D022	6	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<0.20	<2.0
Methyl Ethyl Ketone	158	ND	D035	200	<5.0	<5.0	<5.0	6.1	5	77.5	<0.50	<5.0
Tetrachloroethylene	158	828	D039	0.7	**1360**	**1330**	**820**	**917**	**430**	**1.1**	**735**	**1780**
Trichloroethylene	158	14.4	D040	0.5	**54.2**	**52.5**	**9.5**	**46.1**	**34.1**	<0.20	**17.8**	**16.8**
Vinyl Chloride	158	ND	D043	0.2	<1.5	<1.5	<1.5	<1.5	<1.5	<0.15	<0.15	<1.5

PWS 105

				Sample Number	2039386	2039389	2042593	2044434	2045076	2046600	2046607	2046613
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Pineville,LA	Salida,CA	Sioux Falls,SD	No_ Amityville,NY	St_ Charles,MO	Ashland,KY	Ashland,KY	Ashland,KY
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	8.59	8.74	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	6.36	6.48	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	0.1377	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0882	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<0.500	2.31	2.55	<0.500	<0.500	7.78	1.54	<0.500
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	**7.7**	**9.2**	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	141	151	**128**	148	142	**135**	152	**125**
pH	161	7.2	D002	2-12.5	5.46	7.44	7.17	6.25	7.7	7.7	7.82	7.69
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<0.80	<0.80
1,2-Dichloroethane	158	ND	D028	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.40	**2.4**
1,4-Dichlorobenzene	158	ND	D027	7.5	<5.0	<5.0	6.5	<5.0	<5.0	<5.0	3.1	1.2
Benzene	158	ND	D018	0.5	**6.6**	**13.8**	**20.9**	**2**	<2.0	**12.4**	<0.40	**106**
Carbon Tetrachloride	158	ND	D019	0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**1.1**	**3.7**
Chlorobenzene	158	ND	D021	100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.40	<0.40
Chloroform	158	ND	D022	6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.40	<0.40
Methyl Ethyl Ketone	158	ND	D035	200	78	<5.0	12.4	<5.0	<5.0	<5.0	<1.0	9
Tetrachloroethylene	158	828	D039	0.7	**836**	**284**	**38700**	**1310**	**1140**	**365**	**23100**	**5150**
Trichloroethylene	158	14.4	D040	0.5	**85.9**	<2.0	**5.7**	**23.4**	**35.5**	<2.0	**5.2**	**7320**
Vinyl Chloride	158	ND	D043	0.2	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.30	<0.30

PWS 105

				Sample Number	2049653	2050529	2050719	2051064	2051094	2052339	2053035	2054245
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Lexington,KY	Lackawanna,NY	Columbus,GA	Farmington,NM	Macon,GA	Lexington,KY	Greer,SC	Morrow,GA
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<0.905	<5.0	<5.0	<200
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<0.635	<2.0	<2.0	<200
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.1027	<0.13	<0.13	<40
2-Methylphenol	157	ND	D023	200	<5.0	12.2	<5.0	<5.0	<45.95	<5.0	<5.0	<200
3+4-Methylphenol	157	ND	D024/25	200	<5.0	12.2	<5.0	<5.0	<45.96	<5.0	<5.0	<200
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025		<0.025	<0.025	<40
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.464	<0.10	<0.10	<200
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<0.545	<1.0	<1.0	<200
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.491	<0.40	<0.40	<200
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<0.905	<5.0	<5.0	<200
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<0.57685	<1.0	<1.0	<210
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<0.905	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	2.36	2.23	10.5	<0.500	17.438	<0.500	0.853	1.56
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	0.181	<0.500	<0.500	0.587
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	0.325	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<0.724	<4.00	**11.4**	**9.16**
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	0.011	<0.10	<0.100	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.723	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.0905	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	**138**	**136**	148	153	166	**130**	**130**	160
pH	161	7.2	D002	2-12.5	6.9	6.3	6.62	4.46	9.52	7.08	7.29	6.55
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.80	<0.40	<0.40	<0.80	<0.242	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.40	<0.20	<0.20	<0.40	<0.214	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	5.3	6.1	0.6	<1.0	<0.256	5	0.6	0.63
Benzene	158	ND	D018	0.5	<0.40	0.23	<0.20	**0.86**	<0.214	**76.3**	**98.2**	<0.20
Carbon Tetrachloride	158	ND	D019	0.5	<0.40	<0.20	<0.20	<0.40	<0.214	<0.20	<0.20	<0.20
Chlorobenzene	158	ND	D021	100	<0.40	<0.20	<0.20	<0.40	<0.214	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	<0.40	1.1	<0.20	<0.40	<0.214	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	<1.0	<0.50	0.66	1.8	<0.535	<0.50	5.4	<0.50
Tetrachloroethylene	158	828	D039	0.7	**1120**	**924**	**514**	**308**	**11.596**	**1110**	**1230**	**221**
Trichloroethylene	158	14.4	D040	0.5	**14.8**	**22.8**	**2.6**	**16.8**	0.227	**32.2**	**9.7**	<0.20
Vinyl Chloride	158	ND	D043	0.2	<0.30	<0.15	<0.15	<0.30	<0.1512	<0.15	<0.15	<0.15

PWS 105

				Sample Number	2054691	2056648	2057701	2058154	2058274	2058620	2062345	2064580
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Ashland,KY	Longview,TX	Omaha,NE	Gering,NE	Grand Island,NE	Salt Lake City,UT	Cohoes,NY	Lexington,KY
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.65	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<25	<5.0	<5.0	<5.0	6.64	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<25	<5.0	<5.0	<5.0	5.04	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	0.047759	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<2.0	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<50	<50
Pyridine	157	ND	D038	5	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	8.06	0.927	1.03	0.941	1.21	0.870	2.07	0.946
Cadmium	158	ND	D006	1	0.52	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	**19**	**8.32**	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	152	160	**132**	146	148	158	141	150
pH	161	7.2	D002	2-12.5	7.46	6.35	6.95	7.79	7.23	8.11	7.05	7.20
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<0.40	<0.80	<0.40	<0.80	<0.80	<0.80
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40
1,4-Dichlorobenzene	158	ND	D027	7.5	3.5	<0.50	0.62	2.6	4.9	1.2	3.4	2.8
Benzene	158	ND	D018	0.5	<0.20	<0.20	**4.6**	**4.4**	0.48	**8.5**	0.4	**3**
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40
Methyl Ethyl Ketone	158	ND	D035	200	<0.50	<0.50	2.4	1.8	0.62	2.1	<1.0	9
Tetrachloroethylene	158	828	D039	0.7	**240**	**165**	**1510**	**828**	**477**	**984**	**213**	**773**
Trichloroethylene	158	14.4	D040	0.5	<0.20	**1.2**	**21.3**	**17.2**	**11.1**	**474**	**1.2**	**50.3**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.15	<0.30	<0.15	<0.30	<0.30	<0.30

PWS 105

				Sample Number	2064802	2066247	2066750	2066973	2066986	2067058	2067069	2067104
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Dodge City,KS	El Monte,CA	Sacramento,CA	Los Angeles,CA	Highland,CA	Santa Anna,CA	Oakland,CA	Salida,CA
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<10.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<4.0	<4.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.26	<0.13	<0.26	<0.26
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<10.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<10.0	5.55	<10.0	<10.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.80	<0.80
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<10.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<0.500	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	0.768	<0.500	<0.050	<0.500	<0.500	0.787	2.42	3.73
Cadmium	158	ND	D006	1	<0.500	<0.500	0.098	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<0.400	<4.00	<4.00	<4.00	**10.3**	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.050	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	150	154	156	154	156	154	**69**	154
pH	161	7.2	D002	2-12.5	6.03	4.64	6.81	5.96	5.96	5.83	6.89	8.34
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.80	<0.40	<0.80	<0.40	<0.80	<0.80	<0.80	<0.80
1,2-Dichloroethane	158	ND	D028	0.5	<0.40	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40
1,4-Dichlorobenzene	158	ND	D027	7.5	<1.0	2	1.4	2.4	1.7	1.5	<1.0	1.4
Benzene	158	ND	D018	0.5	**0.83**	**1.7**	**1.2**	**1.5**	**1.2**	**3.3**	**2.4**	**3.8**
Carbon Tetrachloride	158	ND	D019	0.5	<0.40	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	158	ND	D021	100	<0.40	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40
Chloroform	158	ND	D022	6	<0.40	<0.20	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40
Methyl Ethyl Ketone	158	ND	D035	200	18.3	5.2	1.4	6.6	2	4.9	<1.0	1.2
Tetrachloroethylene	158	828	D039	0.7	**3360**	**1050**	**824**	**751**	**1010**	**10800**	**416**	**725**
Trichloroethylene	158	14.4	D040	0.5	**12.2**	**20.8**	**17.4**	**10.6**	**7.2**	**33.3**	**7**	**10.1**
Vinyl Chloride	158	ND	D043	0.2	<0.30	<0.15	<0.30	<0.15	<0.30	<0.30	<0.30	<0.30

PWS 105

				Sample Number	2067123	2075107	2075710	2078392	2078397	2078406	2078822	2080677
				Year	2000	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Rohnert Park,CA	Gering,NE	Denton,TX	Orange,TX	Orange,TX	Omaha,NE	Fargo,ND	Sioux Falls,SD
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	1.89	11.8	<0.500	<0.500	6.46	6.62	<0.500	<0.500
Cadmium	158	ND	D006	1	<0.500	0.535	<0.500	<0.500	<0.500	<0.500	0.527	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	**7.11**	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	4.29	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.100	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	78	129	149	164	145	142	136	157
pH	161	7.2	D002	2-12.5	7.12	7.44	6.69	6.93	4.86	7.94	7.41	7.32
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.80	<2.0	<1.6	<2.0	<2.0	<0.40	<2.0	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.40	<1.0	<0.80	<1.0	<1.0	<0.20	<1.0	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	1.3	6.6	2	<2.5	<2.5	1.7	5.4	0.96
Benzene	158	ND	D018	0.5	**81.6**	**21.1**	**8.1**	<1.0	<1.0	0.33	**40.8**	0.25
Carbon Tetrachloride	158	ND	D019	0.5	<0.40	<1.0	<0.80	<1.0	<1.0	<0.20	<1.0	<0.20
Chlorobenzene	158	ND	D021	100	<0.40	<1.0	<0.80	<1.0	<1.0	<0.20	<1.0	<0.20
Chloroform	158	ND	D022	6	<0.40	<1.0	2.8	<1.0	<1.0	0.26	<1.0	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	142	<2.5	4.5	<2.5	<2.5	2.6	<2.5	<0.50
Tetrachloroethylene	158	828	D039	0.7	**2430**	**4090**	**892**	**36**	**55.7**	**153**	**347**	**0.74**
Trichloroethylene	158	14.4	D040	0.5	**15.4**	**12.4**	**67.1**	<1.0	<1.0	**6.9**	**12.7**	<0.20
Vinyl Chloride	158	ND	D043	0.2	<0.30	<0.75	<0.60	<0.75	<0.75	<0.15	<0.75	<0.15

PWS 105

				Sample Number	2082219	2082497	2083130	2083420	2083438	2083444	2083717
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Albuquerque,NM	Grand Island,NE	Salt Lake City,UT	Syracuse,NY	Syracuse,NY	Syracuse,NY	No_ Amityville,NY
BNA											
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	**11.2**	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	8.69	10.1	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS											
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	0.730	0.869	1.40	<0.500	<0.500	1.93	0.740
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	**16.4**	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	157	138	D001	140	**128**	141	154	152	**123**	**124**	**122**
pH	161	7.2	D002	2-12.5	6.85	9.37	5.18	5.92	7.24	7.38	8.32
VOA											
1,1-Dichloroethylene	158	ND	D029	0.7	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
1,2-Dichloroethane	158	ND	D028	0.5	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
1,4-Dichlorobenzene	158	ND	D027	7.5	<2.0	4.3	<2.0	6.7	7.2	7.4	3.7
Benzene	158	ND	D018	0.5	<0.80	**2**	**5**	**1.4**	**1.6**	**2.1**	**38.2**
Carbon Tetrachloride	158	ND	D019	0.5	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Chlorobenzene	158	ND	D021	100	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Chloroform	158	ND	D022	6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Methyl Ethyl Ketone	158	ND	D035	200	<2.0	<2.0	12.4	2.5	<2.0	3.1	2.1
Tetrachloroethylene	158	828	D039	0.7	**945**	**325**	**1090**	**748**	**2040**	**1050**	**1130**
Trichloroethylene	158	14.4	D040	0.5	1.1	**4.8**	**43.9**	**21.5**	**16.5**	**35.8**	**31.3**
Vinyl Chloride	158	ND	D043	0.2	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60

PWS 105

				Sample Number	2083720	2083721	2085292	2085303	2085304	2085317	2089012
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	No_ Amityville,NY	No_ Amityville,NY	Lackawanna,NY	Lackawanna,NY	Clackamas,OR	Lackawanna,NY	Macon,GA
BNA											
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	8.41	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<6.7	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS											
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	0.672	<0.500	<0.500	<0.500	4.00	<0.500	3.73
Cadmium	158	ND	D006	1	<0.500	**1.56**	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	4.85	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc											
Flash Point	157	138	D001	140	142	144	144	146	148	144	**116**
pH	161	7.2	D002	2-12.5	7.68	7.21	7.07	6.26	4.61	5.07	6.44
VOA											
1,1-Dichloroethylene	158	ND	D029	0.7	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.0
1,2-Dichloroethane	158	ND	D028	0.5	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.0
1,4-Dichlorobenzene	158	ND	D027	7.5	4.2	5.2	4.5	4.2	2.1	4.4	<2.5
Benzene	158	ND	D018	0.5	<0.80	<0.80	1.8	1.8	**5.8**	**2**	1.7
Carbon Tetrachloride	158	ND	D019	0.5	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.0
Chlorobenzene	158	ND	D021	100	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.0
Chloroform	158	ND	D022	6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.0
Methyl Ethyl Ketone	158	ND	D035	200	<2.0	<2.0	<2.0	<2.0	<2.0	2	12.1
Tetrachloroethylene	158	828	D039	0.7	**949**	**509**	**900**	**748**	**1360**	**889**	**1090**
Trichloroethylene	158	14.4	D040	0.5	**14.4**	7.8	17.8	**16.3**	**24.8**	**17.8**	**24.9**
Vinyl Chloride	158	ND	D043	0.2	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.75

PWS 105

				Sample Number	2089567	2090894	2091979	2092403	2093718	2093722	2093723	2093898
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Columbus,GA	Oklahoma City,OK	Tulsa,OK	Longview,TX	Cohoes,NY	Cohoes,NY	Cohoes,NY	Pineville,LA
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	2.32	1.45	2.23	18.2	<0.500	<0.500	0.532	1.67
Cadmium	158	ND	D006	1	0.759	0.670	<0.500	0.587	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	0.563	<0.500	<0.500	0.975	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	**16.2**	4.02	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	160	154	156	158	**118**	**120**	**118**	**78**
pH	161	7.2	D002	2-12.5	6.77	7.23	7.05	6.02	7.12	6.05	6.52	6.99
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<2.0	<2.0	<0.80	<1.6	<1.6	<1.6	<0.40	<1.6
1,2-Dichloroethane	158	ND	D028	0.5	<1.0	<1.0	<0.40	<0.80	<0.80	<0.80	<0.20	<0.80
1,4-Dichlorobenzene	158	ND	D027	7.5	<2.5	<2.5	<1.0	<2.0	5.1	4.5	5.7	4.5
Benzene	158	ND	D018	0.5	<1.0	**4.8**	**0.7**	**1.9**	**4.9**	**4.3**	**5.3**	**4.6**
Carbon Tetrachloride	158	ND	D019	0.5	<1.0	<1.0	<0.40	<0.80	<0.80	<0.80	<0.20	<0.80
Chlorobenzene	158	ND	D021	100	<1.0	<1.0	<0.40	<0.80	<0.80	<0.80	<0.20	<0.80
Chloroform	158	ND	D022	6	<1.0	<1.0	<0.40	<0.80	<0.80	<0.80	<0.20	<0.80
Methyl Ethyl Ketone	158	ND	D035	200	36.5	4.6	91.3	2.2	17.2	18.4	18.5	19.4
Tetrachloroethylene	158	828	D039	0.7	**838**	**758**	**268**	**286**	**943**	**852**	**1150**	**912**
Trichloroethylene	158	14.4	D040	0.5	1.4	8.8	**7.9**	**10.7**	**18.2**	**17.3**	**23.2**	**19**
Vinyl Chloride	158	ND	D043	0.2	<0.75	<0.75	<0.30	<0.60	<0.60	<0.60	<0.15	<0.60

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				Sample Number	2094180	2094379	2094880	2097351	2098603	2098615	2099685	2100671
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Farmington,NM	St_ Charles,MO	Morrow,GA	Avon,NY	Santa Anna,CA	Greer,SC	Rohnert Park,CA	Dodge City,KS
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.26	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	0.043108	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<0.500	<0.500	8.26	1.59	1.16	0.608	1.80	0.609
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	0.792	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	4.98	**5.58**
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.100	<0.10	<0.10	<0.100	<0.10	<0.100
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	**122**	152	150	146	153	156	138	160
pH	161	7.2	D002	2-12.5	6.30	7.66	7.09	7.22	6.49	6.72	7.19	9.04
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<1.6	<0.80	<1.6	<1.6	<1.6	<0.80
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.80	<0.40	<0.80	<0.80	<0.80	<0.40
1,4-Dichlorobenzene	158	ND	D027	7.5	<0.50	1.3	<2.0	3.7	<2.0	<2.0	<2.0	<1.0
Benzene	158	ND	D018	0.5	**0.82**	<0.20	**0.99**	**2.1**	**1.7**	<0.80	**10.8**	0.5
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.80	<0.40	<0.80	<0.80	<0.80	<0.40
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.80	<0.40	<0.80	<0.80	<0.80	<0.40
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.80	<0.40	<0.80	<0.80	<0.80	<0.40
Methyl Ethyl Ketone	158	ND	D035	200	82.5	2	<2.0	90.9	99.9	56.5	49.9	<1.0
Tetrachloroethylene	158	828	D039	0.7	**22.9**	0.57	**1520**	**1060**	**1170**	**835**	**3710**	**184**
Trichloroethylene	158	14.4	D040	0.5	0.3	<0.20	**19.6**	**37.4**	**30.2**	**4.8**	**10**	**6.8**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.60	<0.30	<0.60	<0.60	<0.60	<0.30

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				Sample Number	2107122	2107132	2107134	2112364	2113299	2118930	2118960	2122262
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Ashland,KY	Ashland,KY	Ashland,KY	Blaine,MN	Norcross,GA	Rohnert Park,CA	Salt Lake City,UT	Lexington,KY
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	5.01	<5.0	<5.0	11.9	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	6.12	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	**0.52691**	0.25329	0.48637	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<0.500	<0.500	<0.500	1.17	<0.500	0.547	1.34	<0.500
Cadmium	158	ND	D006	1	<0.500	<0.500	0.879	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	4.56	<4.00	<4.00	**15.9**	<4.00	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.100	<0.100	<0.10	<0.10	<0.100	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	146	**134**	**136**	**131**	154	**110**	155	160
pH	161	7.2	D002	2-12.5	7.18	7.12	7.66	7.36	7.1	6.98	7.45	9.26
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	4.9	5.3	6.6	1.2	1.3	0.63	0.57	1.1
Benzene	158	ND	D018	0.5	<0.20	**9.8**	**0.81**	**0.53**	**16.7**	**42.2**	**6.3**	<0.20
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	<0.50	2.2	0.76	<0.50	0.98	6.5	6.2	<0.50
Tetrachloroethylene	158	828	D039	0.7	**121**	**830**	**934**	**726**	**766**	**964**	**1000**	0.31
Trichloroethylene	158	14.4	D040	0.5	<0.20	**42.5**	**22.7**	**77**	**13.2**	**18.8**	**47.6**	**0.59**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Lexington,KY	Lexington,KY	Lexington,KY	Lexington,KY	Lexington,KY	Lexington,KY	Lexington,KY	Lexington,KY
				Sample Number	2122270	2122332	2122366	2122368	2122373	2122374	2122376	2122379
				Year	2001	2001	2001	2001	2001	2001	2001	2001
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<0.15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<0.15	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.020	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.020	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	0.23804	0.28309	0.22204	<0.10	0.20989	0.22402
Hexachloroethane	158	ND	D034	3	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.10	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<0.26	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<0.25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	7.29	1.78	0.682	<0.500	0.706	3.75	37.1	0.990
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Mercury	158	ND	D009	0.2	<0.10	**0.682**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	**96**	138	**136**	151	**132**	141	152	**136**
pH	161	7.2	D002	2-12.5	8.36	8.28	9.16	6.81	3.80	7.44	7.19	7.94
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	0.64	<0.20	0.68	1.1	0.78	0.83	1	<0.50
Benzene	158	ND	D018	0.5	**273**	<0.20	**4.8**	<0.20	**0.85**	**9.5**	<0.20	**0.58**
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	**24**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	0.99	1.374	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	158	828	D039	0.7	<0.20	0.215	**660**	**12.2**	**683**	0.22	**29.2**	**813**
Trichloroethylene	158	14.4	D040	0.5	<0.20	<0.20	3.7	**0.6**	**12.6**	<0.20	1.7	**16.8**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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				Sample Number	2122380	2122381	2126764	2131618	2132635	2133966	2134012	2137632	2138233
				Year	2001	2001	2001	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Lexington,KY	Lexington,KY	Salida,CA	Los Angeles,CA	Orange,TX	Eagan,MN	Eagan,MN	Medley,FL	Greer,SC
BNA													
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	0.23407	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS													
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	0.910	<0.500	<0.500	14.4	14.5	<5.00	<5.00	<5.00	<5.00
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	0.559	<0.500	<0.500	0.537	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	**27.3**	<4.00	**10.1**	**6.50**	**5.83**	**7.47**	4.05	**9.23**
Mercury	158	ND	D009	0.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.040	<0.1	<0.040	<0.040
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc													
Flash Point	157	138	D001	140	**135**	**111**	146	**134**	149	147	149	159	151
pH	161	7.2	D002	2-12.5	8.05	6.9	6.6	6.15	6.87	7.32	7.94	6.38	6.85
VOA													
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	0.61	1.4	0.64	1.6	0.61	1.5	1.6	1.2	1.2
Benzene	158	ND	D018	0.5	**2.8**	<0.20	**1.3**	0.24	**2**	**2.1**	**2**	0.26	**0.66**
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	<0.20
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	<0.50	1.3	9.1	12.8	0.56	8.5	7.6	<0.50	<0.50
Tetrachloroethylene	158	828	D039	0.7	**372**	**0.75**	**873**	**444**	**140**	**765**	**794**	**1800**	**4750**
Trichloroethylene	158	14.4	D040	0.5	**0.58**	<0.20	**7.9**	**3.2**	**2.7**	**38.3**	**39.8**	**1.1**	**5.6**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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				Sample Number	2138813	2139842	2140404	2140416	2141001	2141025	2141714	2143984
				Year	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Tallahassee,FL	Garden City,GA	Columbus,GA	Macon,GA	Norcross,GA	Oakland,CA	Morrow,GA	No_ Amityville,NY
BNA												
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS												
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<5.00	<5.00	<5.00	<5.00	<5.00	7.84	<5.00	<5.00
Cadmium	158	ND	D006	1	0.515	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Lead	158	ND	D008	5	<4.00	<4.00	4.33	<4.00	<4.00	<4.00	<4.00	**6.07**
Mercury	158	ND	D009	0.2	<0.040	<0.040	<0.040	<0.040	<0.10	<0.040	<0.040	<0.040
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc												
Flash Point	157	138	D001	140	164	149	146	165	**126**	156	**136**	131
pH	161	7.2	D002	2-12.5	10.19	5.04	6.28	5.12	6.97	6.18	6.75	7.25
VOA												
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	0.72	0.96	1	0.9	1.4	<0.50	<0.50	<0.50
Benzene	158	ND	D018	0.5	**0.76**	**6.2**	**29.6**	**1.1**	1.4	**1.4**	**0.87**	**18.8**
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	158	ND	D021	100	<0.20	2.4	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	19.9	<0.50	6.4	0.61	1.2	1.1	0.88	<0.50
Tetrachloroethylene	158	828	D039	0.7	**927**	**4270**	**1020**	**671**	**1410**	**1080**	**84**	**454**
Trichloroethylene	158	14.4	D040	0.5	11	**1.9**	**9.2**	**3.8**	**25.9**	**11.7**	**0.82**	**5.3**
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Clackamas,OR	No_ Amityville,NY	No_ Amityville,NY	Clackamas,OR	Lackawanna,NY	Lackawanna,NY
				Sample Number	2144184	2144185	2144187	2144195	2144818	2144827
				Year	2002	2002	2002	2002	2002	2002
BNA										
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
2-Methylphenol	157	ND	D023	200	<6.0	<5.0	<5.0	<5.0	12.9	<5.0
3+4-Methylphenol	157	ND	D024/25	200	<10.0	<5.0	<5.0	<5.0	7.68	<5.0
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	0.22638
Hexachloroethane	158	ND	D034	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	157	ND	D036	2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Pentachlorophenol	157	ND	D037	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine	157	ND	D038	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
METALS										
Arsenic	158	ND	D004	5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium	158	2.42	D005	100	<5.00	5.26	5.19	<5.00	<5.00	5.35
Cadmium	158	ND	D006	1	<0.500	<0.500	<0.500	<0.500	<0.500	**3.80**
Chromium	158	ND	D007	5	<0.500	<0.500	<0.500	<0.500	<0.500	3.80
Lead	158	ND	D008	5	<4.00	**6.99**	**7.55**	**19.9**	<4.00	**76.2**
Mercury	158	ND	D009	0.2	<0.040	<0.040	<0.040	<0.040	<0.10	<0.10
Selenium	158	ND	D010	1	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Silver	158	ND	D011	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Misc										
Flash Point	157	138	D001	140	158	**127**	**128**	158	**102**	**136**
pH	161	7.2	D002	2-12.5	6.97	6.78	6.96	6.87	7.05	5.66
VOA										
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	158	ND	D027	7.5	2.5	<0.50	<0.50	0.64	<0.50	<0.50
Benzene	158	ND	D018	0.5	**1.3**	**19.5**	**18.2**	**1.2**	**141**	**1.8**
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	158	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	158	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	158	ND	D035	200	1	<0.50	<0.50	0.59	1.8	2.1
Tetrachloroethylene	158	828	D039	0.7	**790**	**412**	**416**	**703**	**668**	**225**
Trichloroethylene	158	14.4	D040	0.5	**10.4**	**4.4**	**4.3**	**12.6**	**22.1**	<0.20
Vinyl Chloride	158	ND	D043	0.2	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

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				Sample Number	2145820	C2F210338001	C2G090262001	C2G090262001R2	C2I230216001	C2I230216001X	C2I230221001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Farmington,NM	Pineville,LA	Albuquerque,NM	Albuquerque,NM	Eagan,MN	Eagan,MN	Eagan,MN
BNA											
2,4,5-Trichlorophenol	157	ND	D041	400	<5.0	<<<<<<0.05	<<<<<<0.05		0.34		0.17
2,4,6-Trichlorophenol	157	ND	D042	2	<2.0	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05		0.051
2,4-Dinitrotoluene	157	ND	D030	0.13	<0.13	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05		<<<<<<0.05
2-Methylphenol	157	ND	D023	200	<5.0	<<<<<<0.05	0.34		1.2		1.8
3+4-Methylphenol	157	ND	D024/25	200	<5.0	<<<<<<0.05	0.74		2.1		2.3
Hexachlorobenzene	157	ND	D032	0.13	<0.025	<<<<<<0.025	<<<<<<0.025		<<<<<<0.025		<<<<<<0.025
Hexachlorobutadiene	158	ND	D033	0.5	<0.10	<<<<<<0.1	<<<<<<0.1		0.1		<<<<<<0.1
Hexachloroethane	158	ND	D034	3	<1.0	<<<<<<1	<<<<<<1		<<<<<<1		<<<<<<1
Nitrobenzene	157	ND	D036	2	<0.40	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05		<<<<<<0.05
Pentachlorophenol	157	ND	D037	100	<5.0	<<<<<<3	<<<<<<3		<<<<<<3		<<<<<<3
Pyridine	157	ND	D038	5	<1.0	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05		0.078
METALS											
Arsenic	158	ND	D004	5	<5.00	<<<<<<1	<<<<<<1		<<<<<<1		<<<<<<1
Barium	158	2.42	D005	100	<5.00	<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
Cadmium	158	ND	D006	1	<0.500	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Chromium	158	ND	D007	5	<0.500	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Lead	158	ND	D008	5	<4.00	**11.1**	3.2		**5.7**		3.3
Mercury	158	ND	D009	0.2	<0.10	<<<<<<0.033	<<<<<<0.033		<<<<<<0.033		<<<<<<0.033
Selenium	158	ND	D010	1	<0.45	<<<<<<0.5	<<<<<<0.5		0.5		<<<<<<0.5
Silver	158	ND	D011	5	<0.500	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	157	138	D001	140	154	**81.5**	159			147	146
pH	161	7.2	D002	2-12.5	6.78	7.4	8		7.8		
VOA											
1,1-Dichloroethylene	158	ND	D029	0.7	<0.40	<<<<<<1.2	<<<<<<0.25		<<<<<<10		<<<<<<0.25
1,2-Dichloroethane	158	ND	D028	0.5	<0.20	<<<<<<1.2	<<<<<<0.25		<<<<<<10		<<<<<<0.25
1,4-Dichlorobenzene	158	ND	D027	7.5	<0.50	<<<<<<1.2	0.39		<<<<<<10		2.1
Benzene	158	ND	D018	0.5	<0.20	**5.9**	<<<<<<0.25		**16**		
Carbon Tetrachloride	158	ND	D019	0.5	<0.20	<<<<<<1.2	<<<<<<0.25		<<<<<<10		<<<<<<0.25
Chlorobenzene	158	ND	D021	100	<0.20	<<<<<<1.2	<<<<<<0.25		<<<<<<10		<<<<<<0.25
Chloroform	158	ND	D022	6	<0.20	<<<<<<5	<<<<<<1		<<<<<<40		<<<<<<1
Methyl Ethyl Ketone	158	ND	D035	200	<0.50	<<<<<<1.2	0.28		<<<<<<10		4.7
Tetrachloroethylene	158	828	D039	0.7	**210**	**140**		**230**	**1100**		
Trichloroethylene	158	14.4	D040	0.5	<0.20	**1.5**	<<<<<<0.25		**57**		
Vinyl Chloride	158	ND	D043	0.2	<0.15	<<<<<<0.5	<<<<<<0.1		<<<<<<4		<<<<<<0.1

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				Sample Number	C2I230221001R2	C2I230221001X	C2J010125001	C2J010125001R2	C2J010145001	C2J010145001R2	C2J010312001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Eagan,MN	Eagan,MN	Clackamas,OR	Clackamas,OR	St_ Charles,MO	St_ Charles,MO	Gering,NE
BNA											
2,4,5-Trichlorophenol	157	ND	D041	400				<<<<<<0.2	0.16		0.1
2,4,6-Trichlorophenol	157	ND	D042	2				<<<<<<0.2	<<<<<<0.05		<<<<<<0.05
2,4-Dinitrotoluene	157	ND	D030	0.13				<<<<<<0.2	<<<<<<0.05		<<<<<<0.05
2-Methylphenol	157	ND	D023	200				0.81	1.2		4.8
3+4-Methylphenol	157	ND	D024/25	200				8.2	2.6		6.9
Hexachlorobenzene	157	ND	D032	0.13			<<<<<<0.025		<<<<<<0.025		<<<<<<0.025
Hexachlorobutadiene	158	ND	D033	0.5			<<<<<<0.1		<<<<<<0.1		<<<<<<0.1
Hexachloroethane	158	ND	D034	3			<<<<<<1		<<<<<<1		<<<<<<1
Nitrobenzene	157	ND	D036	2				0.59	<<<<<<0.05		<<<<<<0.05
Pentachlorophenol	157	ND	D037	100				<<<<<<12	<<<<<<3		<<<<<<3
Pyridine	157	ND	D038	5				<<<<<<0.2	0.059		<<<<<<0.05
METALS											
Arsenic	158	ND	D004	5			<<<<<<1		<<<<<<1		<<<<<<1
Barium	158	2.42	D005	100			<<<<<<20		<<<<<<20		<<<<<<20
Cadmium	158	ND	D006	1			3.4		<<<<<<0.5		<<<<<<0.5
Chromium	158	ND	D007	5			<<<<<<0.5		0.81		<<<<<<0.5
Lead	158	ND	D008	5			**32.1**		**10.5**		1.8
Mercury	158	ND	D009	0.2			<<<<<<0.033		<<<<<<0.033		0.037
Selenium	158	ND	D010	1			<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Silver	158	ND	D011	5			<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	157	138	D001	140			136		156		95.7
pH	161	7.2	D002	2-12.5		8	7.2		8.7		6.4
VOA											
1,1-Dichloroethylene	158	ND	D029	0.7				<<<<<<500	<<<<<<0.5		
1,2-Dichloroethane	158	ND	D028	0.5				<<<<<<500	<<<<<<0.5		
1,4-Dichlorobenzene	158	ND	D027	7.5				<<<<<<500	1.5		
Benzene	158	ND	D018	0.5	18			<<<<<<500	<<<<<<0.5		
Carbon Tetrachloride	158	ND	D019	0.5				<<<<<<500	<<<<<<0.5		
Chlorobenzene	158	ND	D021	100				<<<<<<500	0.59		
Chloroform	158	ND	D022	6				<<<<<<2000	<<<<<<2		
Methyl Ethyl Ketone	158	ND	D035	200				<<<<<<500	0.55		
Tetrachloroethylene	158	828	D039	0.7	**1100**			**4000**		**700**	
Trichloroethylene	158	14.4	D040	0.5	**58**			<<<<<<500	**16**		
Vinyl Chloride	158	ND	D043	0.2				<<<<<<200	<<<<<<0.2		

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				Sample Number	2145821	C2F210340001	C2G090275001	C2J010111001	C2J010123001	C2J010123001R2
				Year	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Farmington,NM	Pineville,LA	Albuquerque,NM	Tampa,FL	Clackamas,OR	Clackamas,OR
BNA										
2,4,5-Trichlorophenol	112	ND	D041	400	<5.0	<<<<<<0.05	<<<<<<0.05	0.16	0.17	
2,4,6-Trichlorophenol	112	ND	D042	2	<2.0	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
2,4-Dinitrotoluene	112	ND	D030	0.13	<0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
2-Methylphenol	112	ND	D023	200	<5.0	0.26	<<<<<<0.05	0.097	0.15	
3+4-Methylphenol	112	ND	D024/25	200	<5.0	0.51	<<<<<<0.05	0.18	1.1	
Hexachlorobenzene	112	ND	D032	0.13	<0.025	<<<<<<0.025	<<<<<<0.025	<<<<<<0.025	<<<<<<0.025	
Hexachlorobutadiene	112	ND	D033	0.5	<0.10	<<<<<<0.1	<<<<<<0.1	<<<<<<0.1	<<<<<<0.1	
Hexachloroethane	112	ND	D034	3	<1.0	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<<1	
Nitrobenzene	112	ND	D036	2	<0.40	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
Pentachlorophenol	112	ND	D037	100	<5.0	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	
Pyridine	112	ND	D038	5	<1.0	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	0.06	
METALS										
Arsenic	113	ND	D004	5	<5.00	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<<1	
Barium	112	1.90	D005	100	<5.00	<<<<<<20	<<<<<<20	<<<<<<20	<<<<<<20	
Cadmium	112	ND	D006	1	<0.500	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	
Chromium	112	ND	D007	5	<0.500	0.66	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	
Lead	112	ND	D008	5	<4.00	**5.2**	<<<<<<0.3	0.31	3.6	
Mercury	112	ND	D009	0.2	<0.10	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	
Selenium	112	ND	D010	1	<0.45	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	
Silver	112	ND	D011	5	<0.500	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	
Misc										
Flash Point	106	156	D001	140	158	144	163	157	165	
pH	109	7.18	D002	2-12.5	6.99	7.6	6.7	7.5	8.4	
VOA										
1,1-Dichloroethylene	112	ND	D029	0.7	<0.40	<<<<<<5	<<<<<<0.25	<<<<<<0.25		<<<<<<5
1,2-Dichloroethane	112	ND	D028	0.5	<0.20	<<<<<<5	<<<<<<0.25	<<<<<<0.25		<<<<<<5
1,4-Dichlorobenzene	112	ND	D027	7.5	<0.50	<<<<<<5	<<<<<<0.25	0.35		<<<<<<5
Benzene	112	ND	D018	0.5	6.1	<<<<<<5	<<<<<<0.25	<<<<<<0.25		<<<<<<5
Carbon Tetrachloride	112	ND	D019	0.5	<0.20	<<<<<<5	<<<<<<0.25	<<<<<<0.25		<<<<<<5
Chlorobenzene	112	ND	D021	100	<0.20	<<<<<<5	<<<<<<0.25	<<<<<<0.25		<<<<<<5
Chloroform	112	ND	D022	6	<0.20	<<<<<<20	<<<<<<1	<<<<<<1		<<<<<<20
Methyl Ethyl Ketone	112	ND	D035	200	<0.50	<<<<<<5	<<<<<<0.25	0.67		<<<<<<5
Tetrachloroethylene	112	28.6	D039	0.7	0.29	**440**	**1.7**	0.29		**610**
Trichloroethylene	112	ND	D040	0.5	<0.20	**30**	<<<<<<0.25	<<<<<<0.25		<<<<<<5
Vinyl Chloride	112	ND	D043	0.2	<0.15	<<<<<<2	<<<<<<0.1	<<<<<<0.1		<<<<<<2

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				Sample Number	C2J010314001	C2J040339001	C2J040339001R2	C2J150179001	C2J150179001R2	C2J150251001
				Year	2002	2002	2002	2002	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Gering,NE	Grand Island,NE	Grand Island,NE	Syracuse,NY	Syracuse,NY	Syracuse,NY
BNA										
2,4,5-Trichlorophenol	112	ND	D041	400	0.1	0.1		0.17		<<<<<<0.05
2,4,6-Trichlorophenol	112	ND	D042	2	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05		<<<<<<0.05
2,4-Dinitrotoluene	112	ND	D030	0.13	<<<<<<0.05	<<<<<<0.05		0.1		**0.17**
2-Methylphenol	112	ND	D023	200	0.29	0.12		0.31		0.28
3+4-Methylphenol	112	ND	D024/25	200	0.82	0.24		0.4		0.37
Hexachlorobenzene	112	ND	D032	0.13	<<<<<<0.025	<<<<<<0.025		<<<<<<0.025		<<<<<<0.025
Hexachlorobutadiene	112	ND	D033	0.5	<<<<<<0.1	<<<<<<0.1		<<<<<<0.1		<<<<<<0.1
Hexachloroethane	112	ND	D034	3	<<<<<<1	<<<<<<1		<<<<<<1		<<<<<<1
Nitrobenzene	112	ND	D036	2	0.56	0.55		<<<<<<0.05		0.1
Pentachlorophenol	112	ND	D037	100	<<<<<<3	<<<<<<3		<<<<<<3		<<<<<<3
Pyridine	112	ND	D038	5	0.068	0.057		0.083		0.075
METALS										
Arsenic	113	ND	D004	5	<<<<<<1	<<<<<<1		<<<<<<1		<<<<<<1
Barium	112	1.90	D005	100	<<<<<<20	<<<<<<20		<<<<<<20		<<<<<<20
Cadmium	112	ND	D006	1	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Chromium	112	ND	D007	5	<<<<<<0.5	<<<<<<0.5		0.64		<<<<<<0.5
Lead	112	ND	D008	5	**13.7**	0.34		**12.6**		1.3
Mercury	112	ND	D009	0.2	<<<<<<0.033	<<<<<<0.033		<<<<<<0.033		<<<<<<0.033
Selenium	112	ND	D010	1	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Silver	112	ND	D011	5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Misc										
Flash Point	106	156	D001	140	145	160		158		155
pH	109	7.18	D002	2-12.5	6.8	6		6.7		7
VOA										
1,1-Dichloroethylene	112	ND	D029	0.7	<<<<<<0.5		<<<<<<10		<<<<<<5	
1,2-Dichloroethane	112	ND	D028	0.5	<<<<<<0.5		<<<<<<10		<<<<<<5	
1,4-Dichlorobenzene	112	ND	D027	7.5	<<<<<<0.5		<<<<<<10		<<<<<<5	
Benzene	112	ND	D018	0.5	<<<<<<0.5		<<<<<<10		<<<<<<5	
Carbon Tetrachloride	112	ND	D019	0.5	<<<<<<0.5		<<<<<<10		<<<<<<5	
Chlorobenzene	112	ND	D021	100	<<<<<<0.5		<<<<<<10		<<<<<<5	
Chloroform	112	ND	D022	6	<<<<<<2		<<<<<<40		<<<<<<20	
Methyl Ethyl Ketone	112	ND	D035	200	<<<<<<0.5		<<<<<<10		<<<<<<5	
Tetrachloroethylene	112	28.6	D039	0.7	**53**		**1300**		**420**	
Trichloroethylene	112	ND	D040	0.5	<<<<<<0.5		<<<<<<10		**83**	
Vinyl Chloride	112	ND	D043	0.2	<<<<<<0.2		<<<<<<4		<<<<<<2	

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				Sample Number	C2J150251001R2	C2J150254001	C2J150254001R2	C2J150258001	C2J150258001R2	C2J170109001
				Year	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Syracuse,NY	Avon,NY
BNA										
2,4,5-Trichlorophenol	112	ND	D041	400		<<<<<<0.05		0.12		<<<<<<0.05
2,4,6-Trichlorophenol	112	ND	D042	2		<<<<<<0.05		<<<<<<0.05		<<<<<<0.05
2,4-Dinitrotoluene	112	ND	D030	0.13		**0.35**		**1.2**		<<<<<<0.05
2-Methylphenol	112	ND	D023	200		<<<<<<0.05		4.8		<<<<<<0.05
3+4-Methylphenol	112	ND	D024/25	200		0.67		7.2		0.62
Hexachlorobenzene	112	ND	D032	0.13		<<<<<<0.025		<<<<<<0.025		<<<<<<0.025
Hexachlorobutadiene	112	ND	D033	0.5		<<<<<<0.1		<<<<<<0.1		<<<<<<0.1
Hexachloroethane	112	ND	D034	3		<<<<<<1		<<<<<<1		<<<<<<1
Nitrobenzene	112	ND	D036	2		<<<<<<0.05		1.9		<<<<<<0.05
Pentachlorophenol	112	ND	D037	100		<<<<<<3		<<<<<<3		<<<<<<3
Pyridine	112	ND	D038	5		0.064		0.19		0.1
METALS										
Arsenic	113	ND	D004	5		<<<<<<1		<<<<<<1		<<<<<<1
Barium	112	1.90	D005	100		25.4		<<<<<<20		<<<<<<20
Cadmium	112	ND	D006	1		0.82		<<<<<<0.5		<<<<<<0.5
Chromium	112	ND	D007	5		0.93		<<<<<<0.5		<<<<<<0.5
Lead	112	ND	D008	5		**11.9**		**8.5**		1.4
Mercury	112	ND	D009	0.2		<<<<<<0.033		<<<<<<0.033		<<<<<<0.033
Selenium	112	ND	D010	1		<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Silver	112	ND	D011	5		<<<<<<0.5		<<<<<<0.5		<<<<<<0.5
Misc										
Flash Point	106	156	D001	140		147		153		153
pH	109	7.18	D002	2-12.5		6		7.9		6.5
VOA										
1,1-Dichloroethylene	112	ND	D029	0.7	<<<<<<5		<<<<<<25		<<<<<<25	
1,2-Dichloroethane	112	ND	D028	0.5	<<<<<<5		<<<<<<25		<<<<<<25	
1,4-Dichlorobenzene	112	ND	D027	7.5	<<<<<<5		<<<<<<25		<<<<<<25	
Benzene	112	ND	D018	0.5	<<<<<<5		<<<<<<25		**130**	
Carbon Tetrachloride	112	ND	D019	0.5	<<<<<<5		<<<<<<25		<<<<<<25	
Chlorobenzene	112	ND	D021	100	<<<<<<5		<<<<<<25		<<<<<<25	
Chloroform	112	ND	D022	6	<<<<<<20		<<<<<<100		<<<<<<100	
Methyl Ethyl Ketone	112	ND	D035	200	<<<<<<5		<<<<<<25		<<<<<<25	
Tetrachloroethylene	112	28.6	D039	0.7	**200**		**250**		**1600**	
Trichloroethylene	112	ND	D040	0.5	**59**		**110**		**1200**	
Vinyl Chloride	112	ND	D043	0.2	<<<<<<2		<<<<<<10		<<<<<<10	

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				Sample Number	C2J170109001R2	C2J170214001	C2K080265001	C2K080265001R2	C2K130115001	C2K130115001R2
				Year	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Avon,NY	Nepean,ON	Oshawa,ON	Oshawa,ON	Grand Island,NE	Grand Island,NE
BNA										
2,4,5-Trichlorophenol	112	ND	D041	400		<<<<<<0.05	<<<<<<0.05		<<<<<<0.05	
2,4,6-Trichlorophenol	112	ND	D042	2		<<<<<<0.05	<<<<<<0.05		<<<<<<0.05	
2,4-Dinitrotoluene	112	ND	D030	0.13		0.062	**0.57**		<<<<<<0.05	
2-Methylphenol	112	ND	D023	200		<<<<<<0.05	0.58		<<<<<<0.05	
3+4-Methylphenol	112	ND	D024/25	200		<<<<<<0.05	<<<<<<0.05		0.95	
Hexachlorobenzene	112	ND	D032	0.13		<<<<<<0.025	<<<<<<0.025		<<<<<<0.025	
Hexachlorobutadiene	112	ND	D033	0.5		<<<<<<0.1	<<<<<<0.1		<<<<<<0.1	
Hexachloroethane	112	ND	D034	3		<<<<<<1	<<<<<<1		<<<<<<1	
Nitrobenzene	112	ND	D036	2		<<<<<<0.05	0.93		0.15	
Pentachlorophenol	112	ND	D037	100		<<<<<<3	<<<<<<3		<<<<<<3	
Pyridine	112	ND	D038	5		<<<<<<0.05	<<<<<<0.05		<<<<<<0.05	
METALS										
Arsenic	113	ND	D004	5		<<<<<<1	<<<<<<1		<<<<<<1	
Barium	112	1.90	D005	100		36.5	<<<<<<20		<<<<<<20	
Cadmium	112	ND	D006	1		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5	
Chromium	112	ND	D007	5		<<<<<<0.5	<<<<<<0.5		1.1	
Lead	112	ND	D008	5		<<<<<<0.3	**5.4**		2	
Mercury	112	ND	D009	0.2		<<<<<<0.033	<<<<<<0.033		<<<<<<0.033	
Selenium	112	ND	D010	1		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5	
Silver	112	ND	D011	5		<<<<<<0.5	<<<<<<0.5		<<<<<<0.5	
Misc										
Flash Point	106	156	D001	140		149	150			
pH	109	7.18	D002	2-12.5		9.9	7.6			
VOA										
1,1-Dichloroethylene	112	ND	D029	0.7	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
1,2-Dichloroethane	112	ND	D028	0.5	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
1,4-Dichlorobenzene	112	ND	D027	7.5	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
Benzene	112	ND	D018	0.5	<<<<<<20	<<<<<<0.5		**160**		<<<<<<5
Carbon Tetrachloride	112	ND	D019	0.5	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
Chlorobenzene	112	ND	D021	100	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
Chloroform	112	ND	D022	6	<<<<<<80	<<<<<<2		<<<<<<400		<<<<<<20
Methyl Ethyl Ketone	112	ND	D035	200	<<<<<<20	<<<<<<0.5		<<<<<<100		<<<<<<5
Tetrachloroethylene	112	28.6	D039	0.7	**1500**	<<<<<<0.5		**14000**		**570**
Trichloroethylene	112	ND	D040	0.5	<<<<<<20	<<<<<<0.5		**880**		**53**
Vinyl Chloride	112	ND	D043	0.2	<<<<<<8	<<<<<<0.2		<<<<<<40		<<<<<<2

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Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	C2K130117001	C2K130118001	C2K130118001R2	C2K130119001	C2K220115001	C2K220403001	C2K220403001R2
				Year	2002	2002	2002	2002	2002	2002	2002
					Cohoes,NY	Cohoes,NY	Cohoes,NY	Cohoes,NY	Omaha,NE	Wichita,KS	Wichita,KS
BNA											
2,4,5-Trichlorophenol	112	ND	D041	400	<<<<<0.05	<<<<<<0.05		<<<<<0.05	<<0.05	<<<0.05	
2,4,6-Trichlorophenol	112	ND	D042	2	<<<<<0.05	<<<<<<0.05		<<<<<0.05	<<0.05	<<<0.05	
2,4-Dinitrotoluene	112	ND	D030	0.13	**0.17**	<<<<<<0.05		0.12	<<0.05	<<<0.05	
2-Methylphenol	112	ND	D023	200	0.18	0.44		0.54	0.085	0.14	
3+4-Methylphenol	112	ND	D024/25	200	0.38	0.54		0.62	0.14	0.54	
Hexachlorobenzene	112	ND	D032	0.13	<<<<<0.025	<<<<<<0.025		<<<<<0.025	<<0.025	<<<0.025	
Hexachlorobutadiene	112	ND	D033	0.5	<<<<<0.1	<<<<<<0.1		0.12	<<0.1	<<<0.1	
Hexachloroethane	112	ND	D034	3	<<<<<1	<<<<<<1		<<<<<1	<<1	<<<1	
Nitrobenzene	112	ND	D036	2	0.26	<<<<<<0.05		<<<<<0.05	<<0.05	0.42	
Pentachlorophenol	112	ND	D037	100	<<<<<3	<<<<<<3		<<<<<3	<<3	<<<3	
Pyridine	112	ND	D038	5	<<<<<0.05	<<<<<<0.05		<<<<<0.05	<<0.05	<<<0.05	
METALS											
Arsenic	113	ND	D004	5	<<<<<1	<<<<<<1		<<<<<1	<<1	<<<1	
Barium	112	1.90	D005	100	<<<<<20	<<<<<<20		<<<<<20	<<20	<<<20	
Cadmium	112	ND	D006	1	<<<<<0.5	<<<<<<0.5		0.63	<<0.5	<<<0.5	
Chromium	112	ND	D007	5	<<<<<0.5	<<<<<<0.5		1.3	<<0.5	<<<0.5	
Lead	112	ND	D008	5	<<<<<0.3	1		**120**	1.7	0.67	
Mercury	112	ND	D009	0.2	<<<<<0.033	<<<<<<0.033		<<<<<0.033	<<0.033	<<<0.033	
Selenium	112	ND	D010	1	<<<<<0.5	<<<<<<0.5		<<<<<0.5	<<0.5	0.56	
Silver	112	ND	D011	5	<<<<<0.5	<<<<<<0.5		<<<<<0.5	<<0.5	<<<0.5	
Misc											
Flash Point	106	156	D001	140	148			150	156	149	
pH	109	7.18	D002	2-12.5	6.3			8.4	6.4	6.6	
VOA											
1,1-Dichloroethylene	112	ND	D029	0.7	<<<<<0.5		<<<<<<5	<<<<<0.5	<<0.5		<<<10
1,2-Dichloroethane	112	ND	D028	0.5	<<<<<0.5		<<<<<<5	<<<<<0.5	<<0.5		<<<10
1,4-Dichlorobenzene	112	ND	D027	7.5	0.78		<<<<<<5	0.69	<<2		<<<40
Benzene	112	ND	D018	0.5	<<<<<0.5		<<<<<<5	<<<<<0.5	<<0.5		<<<10
Carbon Tetrachloride	112	ND	D019	0.5	<<<<<0.5		<<<<<<5	<<<<<0.5	<<0.5		<<<10
Chlorobenzene	112	ND	D021	100	<<<<<0.5		<<<<<<5	<<<<<0.5	<<0.5		<<<10
Chloroform	112	ND	D022	6	<<<<<2		<<<<<<20	<<<<<2	<<2		<<<40
Methyl Ethyl Ketone	112	ND	D035	200	<<<<<0.5		5	<<<<<0.5	<<2		<<<40
Tetrachloroethylene	112	28.6	D039	0.7	**42**		**530**	**28**	**0.89**		**710**
Trichloroethylene	112	ND	D040	0.5	<<<<<0.5		**12**	**8**	<<0.5		<<<10
Vinyl Chloride	112	ND	D043	0.2	<<<<<0.2		<<<<<<2	<<<<<0.2	<<0.2		<<<4

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				Sample Number	C2L040243001
				Year	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Wichita,KS
BNA					
2,4,5-Trichlorophenol	112	ND	D041	400	<0.05
2,4,6-Trichlorophenol	112	ND	D042	2	<0.05
2,4-Dinitrotoluene	112	ND	D030	0.13	<0.05
2-Methylphenol	112	ND	D023	200	0.076
3+4-Methylphenol	112	ND	D024/25	200	0.091
Hexachlorobenzene	112	ND	D032	0.13	<0.025
Hexachlorobutadiene	112	ND	D033	0.5	<0.1
Hexachloroethane	112	ND	D034	3	<1
Nitrobenzene	112	ND	D036	2	<0.05
Pentachlorophenol	112	ND	D037	100	<3
Pyridine	112	ND	D038	5	<0.05
METALS					
Arsenic	113	ND	D004	5	<1
Barium	112	1.90	D005	100	<20
Cadmium	112	ND	D006	1	<0.5
Chromium	112	ND	D007	5	<0.5
Lead	112	ND	D008	5	**14.8**
Mercury	112	ND	D009	0.2	<0.033
Selenium	112	ND	D010	1	<0.5
Silver	112	ND	D011	5	<0.5
Misc					
Flash Point	106	156	D001	140	157
pH	109	7.18	D002	2-12.5	8.3
VOA					
1,1-Dichloroethylene	112	ND	D029	0.7	<0.5
1,2-Dichloroethane	112	ND	D028	0.5	<0.5
1,4-Dichlorobenzene	112	ND	D027	7.5	<2
Benzene	112	ND	D018	0.5	<0.5
Carbon Tetrachloride	112	ND	D019	0.5	<0.5
Chlorobenzene	112	ND	D021	100	<0.5
Chloroform	112	ND	D022	6	<2
Methyl Ethyl Ketone	112	ND	D035	200	<2
Tetrachloroethylene	112	28.6	D039	0.7	<0.5
Trichloroethylene	112	ND	D040	0.5	<0.5
Vinyl Chloride	112	ND	D043	0.2	<0.2

PWS Sludge-Dumpster Mud

				Sample Number	2008975	2010700	2015445	2015449	2016046	2017363	2017634	2018185
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Pompano Beach,FL	Denton,TX	Albuquerque,NM	Omaha,NE	Sioux Falls,SD	Edwardsville,KS	Grand Island,NE	Wichita,KS
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
2,4,6-Trichlorophenol	159	ND	D042	2	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.057	<0.020	<0.020	<7.2182	<0.020	<0.10	<0.499	<0.020
2-Methylphenol	159	ND	D023	200	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.20
3+4-Methylphenol	159	ND	D024/25	200	<0.10	<0.10	<0.10	**36.443**	<0.10	<0.65	<2.495	0.187
Hexachlorobenzene	159	ND	D032	0.13	<0.084	<0.020	<0.020	<7.2182	<0.020	<0.10	<0.499	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
Hexachloroethane	159	ND	D034	3	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
Pentachlorophenol	159	ND	D037	100	<0.10	<0.10	<0.10	<36.091	<0.10	<0.50	<2.495	<0.10
Pyridine	159	ND	D038	5	<0.11	<0.10	<0.11	<38.611	<0.11	<0.54	<2.66965	<0.10
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.500	<0.905	<0.500	<0.500	<0.545	<0.500
Barium	160	1.703	D005	100	0.555	0.655	0.964	2.169	1.14	1.52	0.472	1.21
Cadmium	160	0.421	D006	1	0.617	0.256	0.427	**3.947**	**1.29**	0.151	0.73	0.218
Chromium	159	0.076	D007	5	<0.050	<0.050	<0.050	<0.0905		<0.050	0.056	<0.050
Lead	160	1.2	D008	5	**6.50**	0.567	0.470	**137.9**	1.63	<0.400	0.735	1.04
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.009728	<0.0008	<0.0008	<0.001792	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.750	<0.723	<0.750	<0.750	<0.747	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.050	<0.0905	<0.050	<0.050	<0.0545	<0.050
Misc												
Flash Point	153	143	D001	140	**126**	146	**110**	146	**108**	**148**	**132**	**115**
pH	162	7.56	D002	2-12.5	7.94	6.72	7.2	7.1	7.4	4.8	7.2	6.85
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.20	<0.542	<0.20	<2.0	<0.832	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.20	<0.362	<0.20	<2.0	<0.812	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.20	<0.632	<0.20	<2.0	<0.842	<0.20
Benzene	160	ND	D018	0.5	<0.20	<0.20	<0.20	<0.362	<0.20	<2.0	**0.819**	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.20	<0.362	<0.20	<2.0	<0.812	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.20	<0.362	<0.20	<2.0	<0.812	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.20	<0.362	<0.20	<2.0	<0.812	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.50	<0.50	0.998	<0.50	<5.0	2.168	0.535
Tetrachloroethylene	160	6.448	D039	0.7	<0.20	0.222	0.413	**252.752**	**0.705**	**10.82**	**12.13**	0.265
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	<0.20	**2.522**	<0.20	<2.0	**0.966**	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.14	<0.2624	<0.14	<1.4	<0.5694	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2020390	2025728	2029157	2033639	2037495	2037518	2039383	2039581
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Cohoes,NY	Garden City,GA	Salt Lake City,UT	Omaha,NE	Syracuse,NY	Syracuse,NY	Raleigh,NC	Highland,CA
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
2,4,6-Trichlorophenol	159	ND	D042	2	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
2,4-Dinitrotoluene	159	ND	D030	0.13	<1.297	<0.8196	<0.10	<0.898	<0.10	<0.10	<0.10	<0.10
2-Methylphenol	159	ND	D023	200	<54.5	<13.8	<50	<53	<50	<50	<50	<50
3+4-Methylphenol	159	ND	D024/25	200	<54.5	<13.8	<50	<54	<50	<50	<50	<50
Hexachlorobenzene	159	ND	D032	0.13	<1.297	<0.8196	<0.10	<0.898	<0.10	<0.10	<0.10	<0.10
Hexachlorobutadiene	159	ND	D033	0.5	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
Hexachloroethane	159	ND	D034	3	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	159	ND	D036	2	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol	159	ND	D037	100	<6.485	<4.098	<0.50	<4.49	<0.50	<0.50	<0.50	<0.50
Pyridine	159	ND	D038	5	<6.93895	<4.38486	<0.54	<4.8043	<0.50	<0.50	<0.54	<0.50
METALS												
Arsenic	160	ND	D004	5	0.668	<0.59	<0.500	<0.59	<0.500	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.701	0.467	0.904	1.869	2.08	2.91	0.891	3.02
Cadmium	160	0.421	D006	1	<0.0635	0.166	0.619	0.209	0.405	0.692	0.931	0.082
Chromium	159	0.076	D007	5	<0.0635	0.112	<0.050	0.09	<0.050	<0.050	<0.050	<0.050
Lead	160	1.2	D008	5	<0.508	<0.472	1.21	1.049	0.697	0.748	2.67	<0.400
Mercury	160	ND	D009	0.2	<0.003776	<0.001584	<0.0008	<0.002784	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.741	<0.73515	<0.750	<0.744	<0.750	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.0635	<0.059	<0.050	<0.059	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	154	148	183	142	**120**	**135**	152	>200
pH	162	7.56	D002	2-12.5	6.03	3.32	7.06	7.21	6.24	7.24	4.76	10.03
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.276	<0.204	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.236	<0.20	<0.20	<0.40	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.296	0.215	<0.20	1.5	<0.20	<0.20	<0.20	<0.20
Benzene	160	ND	D018	0.5	<0.236	0.224	<0.20	**1.1**	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.236	<0.20	<0.20	<0.40	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<0.236	<0.20	<0.20	<0.40	<0.20	<0.20	<0.20	<0.20
Chloroform	160	ND	D022	6	<0.236	<0.20	<0.20	1.2	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.59	0.528	<0.50	2	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	**2.876**	**15.518**	**0.827**	**547**	**2.955**	**3.247**	0.628	**0.813**
Trichloroethylene	160	0.264	D040	0.5	<0.236	0.434	<0.20	**211**	**1.486**	**1.129**	<0.20	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.1672	<0.1402	<0.14	<0.30	<0.14	<0.14	<0.14	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2039583	2039838	2039839	2039840	2039947	2040317	2040698	2042477
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Sacramento,CA	Los Angeles,CA	Salida,CA	El Monte,CA	Oakland,CA	Rohnert Park,CA	Santa Anna,CA	Sioux Falls,SD
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
2,4,6-Trichlorophenol	159	ND	D042	2	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
2,4-Dinitrotoluene	159	ND	D030	0.13	<40	<0.10	<0.10	<0.020	<40	<0.50	<0.10	<0.10
2-Methylphenol	159	ND	D023	200	<200	<50	<50	<10.0	<200	<250	<0.50	<50
3+4-Methylphenol	159	ND	D024/25	200	<200	<50	<50	<10.0	<200	<250	<0.50	<50
Hexachlorobenzene	159	ND	D032	0.13	<40	<0.10	<0.10	<0.020	<40	<0.50	<0.10	<0.10
Hexachlorobutadiene	159	ND	D033	0.5	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
Hexachloroethane	159	ND	D034	3	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
Nitrobenzene	159	ND	D036	2	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
Pentachlorophenol	159	ND	D037	100	<200	<0.50	<0.50	<0.10	<200	<2.5	<0.50	<0.50
Pyridine	159	ND	D038	5	<210	<0.50	<0.50	<0.10	<210	<2.5	<0.50	<0.54
METALS												
Arsenic	160	ND	D004	5	<5.00	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.761	27.6	0.806	0.701	1.26	0.789	1.42	1.32
Cadmium	160	0.421	D006	1	<0.500	1.31	0.41	0.085	0.662	0.595	1.19	0.447
Chromium	159	0.076	D007	5	<0.500	0.238	<0.050	<0.050	0.557	<0.050	0.125	<0.050
Lead	160	1.2	D008	5	<4.00	<0.400	0.694	0.563	10.4	1.21	2.96	0.46
Mercury	160	ND	D009	0.2	<0.10	<0.0008	<0.0008	<0.0008	<0.10	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.45	<0.750	<0.750	<0.750	<0.45	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.500	<0.050	<0.050	<0.050	<0.500	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	150	>200	105	>200	152	115	153	121
pH	162	7.56	D002	2-12.5	6.74	5.59	6.79	9.71	6.93	6.72	6.93	6.96
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<4.0	<0.20	<0.20	<0.20	<4.0	<0.20	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<5.0	<0.20	<0.20	<0.20	<5.0	<0.20	<0.20	<0.20
Benzene	160	ND	D018	0.5	2.7	<0.20	<0.20	<0.20	3.4	<0.20	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20
Chloroform	160	ND	D022	6	<2.0	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<5.0	<0.50	<0.50	<0.50	12.8	<0.50	<0.50	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	1870	6.398	0.242	<0.20	1240	8.549	4.475	4.496
Trichloroethylene	160	0.264	D040	0.5	23.4	<0.20	<0.20	<0.20	48.1	<0.20	0.324	0.514
Vinyl Chloride	160	ND	D043	0.2	<1.5	<0.14	<0.14	<0.14	<1.5	<0.14	<0.14	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2044435	2044436	2044437	2044832	2045063	2045069	2045546
				Year	2000	2000	2000	2000	2000	2000	2000
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY	Pineville,LA	Fresno,CA	St_ Charles,MO	Cohoes,NY
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
2,4,6-Trichlorophenol	159	ND	D042	2	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.020	<0.020	<0.020	<0.10	<0.020	<0.020
2-Methylphenol	159	ND	D023	200	<10.0	<10.0	<10.0	<10.0	<50	<10.0	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<10.0	<10.0	<10.0	<50	<10.0	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.020	<0.020	<0.020	<0.10	<0.020	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
Hexachloroethane	159	ND	D034	3	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
Pentachlorophenol	159	ND	D037	100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10
Pyridine	159	ND	D038	5	<0.11	<0.11	<0.11	<0.11	<0.50	<0.11	<0.11
METALS											
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.924	0.971	0.914	0.527	1.26	0.975	0.881
Cadmium	160	0.421	D006	1	**12.1**	**8.57**	**13.4**	<0.050	0.352	1.3	0.507
Chromium	159	0.076	D007	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Lead	160	1.2	D008	5	**14.3**	**14.4**	**15.5**	<0.400	0.65	1.42	0.722
Mercury	160	ND	D009	0.2	<0.0008	0.0009	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc											
Flash Point	153	143	D001	140	**85**	**91**	**112**	**115**	**135**	**101**	**108**
pH	162	7.56	D002	2-12.5	5.88	6.46	5.56	6.7	7.63	8.01	5.98
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Benzene	160	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.50	<0.50	<0.50	0.94	2.224	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	<0.20	<0.20	<0.20	**2.096**	**0.769**	0.21	0.244
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2045548	2045549	2050409	2050531	2050715	2050717	2050737	2051054
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Cohoes,NY	Cohoes,NY	Lackawanna,NY	Lackawanna,NY	Columbus,GA	Farmington,NM	Norcross,GA	Macon,GA
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
2,4,6-Trichlorophenol	159	ND	D042	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.10
2-Methylphenol	159	ND	D023	200	<10.0	<10.0	15.6	7.23	<10.0	<10.0	<10.0	<50
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<10.0	28	13	<10.0	<10.0	<10.0	<50
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.10
Hexachlorobutadiene	159	ND	D033	0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
Hexachloroethane	159	ND	D034	3	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
Nitrobenzene	159	ND	D036	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
Pentachlorophenol	159	ND	D037	100	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50
Pyridine	159	ND	D038	5	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.54
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.935	0.47	1.15	1.32	0.089	1.9	1.36	8.55
Cadmium	160	0.421	D006	1	0.438	0.307	0.84	0.557	0.392	**29.8**	0.089	0.323
Chromium	159	0.076	D007	5	<0.050	<0.050	<0.050	<0.050	0.193	0.124	<0.050	<0.050
Lead	160	1.2	D008	5	0.774	0.697	1.93	1.45	**2650**	3.47	<0.400	<0.400
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	**137**	**119**	141	150	**118**	**126**	**136**	>200
pH	162	7.56	D002	2-12.5	6.78	6.68	7.02	8.49	7.94	7.5	7.33	9.57
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Benzene	160	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	**2.785**	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	0.309	0.215	0.244	<0.20	**1.476**	0.422	**46.82**	0.682
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<1.4	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2052962	2054251	2055247	2055671	2056488	2058614	2058812	2060915
				Year	2000	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Greer,SC	Morrow,GA	Dodge City,KS	Lackawanna,NY	Englewood,CO	Salt Lake City,UT	Avon,NY	Medley,FL
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,4,6-Trichlorophenol	159	ND	D042	2	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.10	<0.020	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
2-Methylphenol	159	ND	D023	200	<50	<10.0	<50	<50	<50	<50	<50	<50
3+4-Methylphenol	159	ND	D024/25	200	<50	<10.0	<50	<50	<50	<50	<50	<50
Hexachlorobenzene	159	ND	D032	0.13	<0.10	<0.020	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachlorobutadiene	159	ND	D033	0.5	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachloroethane	159	ND	D034	3	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrobenzene	159	ND	D036	2	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol	159	ND	D037	100	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Pyridine	159	ND	D038	5	<0.54	<0.11	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.488	1.21	1.15	1.96	1.28	0.832	4.30	0.603
Cadmium	160	0.421	D006	1	0.276	**3.12**	0.169	0.522	0.476	0.406	0.191	**1.60**
Chromium	159	0.076	D007	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.096	0.079
Lead	160	1.2	D008	5	<0.400	**18.1**	0.851	0.633	0.667	<0.400	1.23	0.639
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	143	180	>200	142	148	144	146	>200
pH	162	7.56	D002	2-12.5	7.06	7.29	6.8	7.44	8.14	7.44	9.28	7.81
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Benzene	160	ND	D018	0.5	<0.20	<0.20	<0.20	<0.20	0.258	<0.20	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	<0.20	<0.20	<0.20	0.269	**0.945**	0.387	<0.20	**4.783**
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14

PWS Sludge-Dumpster Mud

			Sample Number		2066246	2066958	2066962	2066964	2067061	2067102	2067241	2068874
				Year	2000	2000	2000	2000	2000	2000	2000	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	El Monte,CA	Sacramento,CA	Oakland,CA	Los Angeles,CA	Santa Anna,CA	Salida,CA	Highland,CA	Rohnert Park,CA
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.10	<2.495	<0.50	<0.10	<200	<12.47	<0.50	<0.50
2,4,6-Trichlorophenol	159	ND	D042	2	<0.10	<2.495	<0.50	<0.10	<200	<12.47	<0.50	<0.50
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.499	<0.10	<0.020	<40	<2.494	<0.10	<0.10
2-Methylphenol	159	ND	D023	200	<10.0	<51.5	<50	<10.0	<200	<59	<50	<50
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<51.5	<50	<10.0	<200	<59	<50	<50
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.499	<0.10	<0.020	<40	<2.494	<0.10	<0.10
Hexachlorobutadiene	159	ND	D033	0.5	<0.10	<2.495	<0.50	<0.10	<200	<12.47	<0.50	<0.50
Hexachloroethane	159	ND	D034	3	<0.10	<2.495	<0.50	<0.10	<200	<12.47	<0.50	<0.50
Nitrobenzene	159	ND	D036	2	<0.10	**2.495**	<0.50	<0.10	<200	<12.47	<0.50	<0.50
Pentachlorophenol	159	ND	D037	100	<0.10	2.495	<0.50	<0.10	<200	<12.47	<0.50	<0.50
Pyridine	159	ND	D038	5	<0.11	<2.670	<0.54	<0.11	<210	<13.343	<0.50	<0.54
METALS												
Arsenic	160	ND	D004	5	<0.500	<4.955	<0.500	<0.500	<5.00	<0.77	<0.500	<0.500
Barium	160	1.703	D005	100	1.47	1.462	0.180	3.88	1.92	0.883	0.631	0.714
Cadmium	160	0.421	D006	1	**1.31**	0.622	<0.050	0.154	<0.500	0.189	<0.050	0.087
Chromium	159	0.076	D007	5	0.456	**5.580**	0.215	<0.050	<0.500	<0.077	<0.050	<0.050
Lead	160	1.2	D008	5	0.900	**10.905**	<0.400	<0.400	<4.00	<0.616	1.18	<0.400
Mercury	160	ND	D009	0.2	<0.0008	<0.099	<0.0008	<0.0008	<0.10	<0.0068	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.453	<0.750	<0.750	<0.45	<0.732	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.4955	<0.050	<0.050	<0.500	<0.077	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	>200	**147**	>200	>200	143	**126**	>200	>140
pH	162	7.56	D002	2-12.5	11.60	6.83	9.65	10.47	5.46	7.99	10.46	6.63
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.238	<0.20	<0.20	<0.80	<0.39	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.218	<0.20	<0.20	<0.40	<0.29	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.248	<0.20	<0.20	1.6	<0.44	<0.20	<0.20
Benzene	160	ND	D018	0.5	<0.20	0.224	<0.20	<0.20	**3.3**	**8.213**	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.218	<0.20	<0.20	<0.40	<0.29	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.218	<0.20	<0.20	<0.40	<0.29	<0.20	<0.20
Chloroform	160	ND	D022	6	<0.20	0.222	<0.20	<0.20	<0.40	<0.29	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.545	<0.50	<0.50	90.6	0.828	<0.50	<0.50
Tetrachloroethylene	160	6.448	D039	0.7	0.515	**11.633**	**91.77**	**3.69**	**1290**	**54.386**	0.643	**1.546**
Trichloroethylene	160	0.264	D040	0.5	<0.20	0.263	0.451	<0.20	**15.7**	**1.055**	**0.558**	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	0.1536	<0.14	<0.14	<0.30	**0.208**	<0.14	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2075119	2075385	2075388	2078112	2078115	2078823	2080688	2081091
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Denton,TX	Cohoes,NY	Cohoes,NY	Fresno,CA	Omaha,NE	Fargo,ND	Sioux Falls,SD	Lackawanna,NY
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.15	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.15	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.10	<0.10	<0.898	<0.820	<1.219	<0.10	<0.020	<0.020
2-Methylphenol	159	ND	D023	200	<50	<50	<53	<13.8	<15.7	<50	<10.0	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<50	<50	<53	<13.8	<15.7	<50	<10.0	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.10	<0.10	<0.898	<0.820	<1.219	<0.10	<0.020	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.050	<0.10
Hexachloroethane	159	ND	D034	3	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.10	<0.10
Nitrobenzene	159	ND	D036	2	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.10	<0.10
Pentachlorophenol	159	ND	D037	100	<0.50	<0.50	<4.49	<4.10	<6.097	<0.50	<0.26	<0.26
Pyridine	159	ND	D038	5	<0.50	<0.54	<4.804	<4.385	<6.5238	<0.54	<0.29	<0.29
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.59	<0.59	<0.635	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	0.328	0.403	0.335	1.64	1.305	1.12	1.14	1.56
Cadmium	160	0.421	D006	1	0.354	0.151	0.156	0.405	0.841	0.545	**1.03**	0.111
Chromium	159	0.076	D007	5	0.615	<0.050	<0.059	<0.059	<0.064	0.071	0.182	<0.050
Lead	160	1.2	D008	5	<0.400	<0.400	<0.472	1.002	**23.286**	0.471	0.571	**12.4**
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.0028	<0.0028	<0.0038	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.744	<0.744	<0.741	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.059	<0.059	<0.064	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	**90**	**120**	**85**	150	**134**	155	**112**	>200
pH	162	7.56	D002	2-12.5	7.26	4.53	5.30	7.20	7.24	9.41	8.65	6.99
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.2	<0.212	<0.396	<0.20	<0.10	<0.10
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.2	<0.204	<0.2	<0.20	<0.10	<0.10
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	0.212	0.028	1.278	<0.20	<0.10	<0.10
Benzene	160	ND	D018	0.5	<0.20	<0.20	0.21	0.286	**0.523**	<0.20	<0.10	<0.10
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.2	<0.204	<0.2	<0.20	<0.10	<0.10
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.2	<0.204	<0.2	<0.20	<0.10	<0.10
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.2	<0.204	<0.2	<0.20	<0.10	<0.10
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	0.693	0.555	0.884	2.084	<0.50	1.19	<0.20
Tetrachloroethylene	160	6.448	D039	0.7	0.292	0.366	**3.164**	**17.39**	**212.666**	**1.233**	0.574	<0.10
Trichloroethylene	160	0.264	D040	0.5	0.304	<0.20	0.273	**0.856**	**14.704**	<0.20	<0.10	<0.10
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.14	<0.143	<0.15	<0.14	<0.15	<0.10

PWS Sludge-Dumpster Mud

				Sample Number	2081093	2081095	2082212	2082482	2083123	2083399	2083404
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Lackawanna,NY	Lackawanna,NY	Albuquerque,NM	Grand Island,NE	Salt Lake City,UT	Syracuse,NY	Syracuse,NY
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<3.059	<2.149	<0.15	<3.1485	<3.149	<3.149
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<3.059	<2.149	<0.15	<3.1485	<3.149	<3.149
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.408	<0.42	<0.020	<0.4198	<0.42	<0.42
2-Methylphenol	159	ND	D023	200	<10.0	<7.96	<11.9	<10.0	<13.9	<13.9	<13.9
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<8.96	<11.9	<10.0	<14.9	<14.9	<14.9
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.408	<0.42	<0.020	<0.4198	<0.42	<0.42
Hexachlorobutadiene	159	ND	D033	0.5	<0.050	<1.02	<2.099	<0.050	<2.099	<2.1	<2.1
Hexachloroethane	159	ND	D034	3	<0.10	<2.04	<2.099	<0.10	<2.099	<2.1	<2.1
Nitrobenzene	159	ND	D036	2	<0.10	<2.04	<2.099	<0.10	<2.099	<2.1	<2.1
Pentachlorophenol	159	ND	D037	100	<0.26	<5.303	<2.257	<0.26	<5.4574	<5.46	<5.46
Pyridine	159	ND	D038	5	<0.29	<5.915	<2.427	<0.29	<6.0871	<6.09	<6.09
METALS											
Arsenic	160	ND	D004	5	<0.500	<0.545	<0.545	<0.500	<0.545	<0.545	<0.545
Barium	160	1.703	D005	100	1.80	1.394	1.744	0.971	1.932	2.19	2.816
Cadmium	160	0.421	D006	1	0.236	0.269	0.286	1.00	0.205	0.344	0.41
Chromium	159	0.076	D007	5	<0.050	<0.055	<0.055	0.086	<0.0545	<0.055	<0.055
Lead	160	1.2	D008	5	1.89	0.806	0.461	4.36	0.462	0.443	0.452
Mercury	160	ND	D009	0.2	<0.0008	<0.0018	<0.099	<0.0008	<0.001792	<0.0018	<0.0018
Selenium	160	ND	D010	1	<0.750	<0.747	<0.747	<0.750	<0.747	<0.747	<0.747
Silver	160	ND	D011	5	<0.050	<0.055	<0.055	<0.050	<0.0545	<0.055	<0.055
Misc											
Flash Point	153	143	D001	140	>200	132	146	138	104	112	118
pH	162	7.56	D002	2-12.5	8.88	7.04	8.34	7.74	6.85	8.92	9.36
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<0.10	<0.119	<0.115	<0.10	<0.214	<0.214	<0.214
1,2-Dichloroethane	160	ND	D028	0.5	<0.10	<0.109	<0.107	<0.10	<0.206	<0.206	<0.206
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.10	0.135	<0.119	<0.10	<0.218	0.246	0.248
Benzene	160	ND	D018	0.5	<0.10	0.121	0.109	<0.10	0.242	<0.206	0.21
Carbon Tetrachloride	160	ND	D019	0.5	<0.10	<0.109	<0.107	<0.10	0.21	<0.206	<0.206
Chlorobenzene	160	ND	D021	100	<0.10	<0.109	<0.107	<0.10	<0.206	<0.206	<0.206
Chloroform	160	ND	D022	6	<0.10	<0.109	<0.107	<0.10	<0.206	<0.206	<0.206
Methyl Ethyl Ketone	160	ND	D035	200	1.08	0.227	<0.218	<0.20	2.144	<0.515	0.515
Tetrachloroethylene	160	6.448	D039	0.7	0.103	16.611	6.429	0.81	12.163	9.09	14.364
Trichloroethylene	160	0.264	D040	0.5	0.107	0.574	0.152	<0.10	0.552	0.089	0.613
Vinyl Chloride	160	ND	D043	0.2	<0.10	<0.107	<0.105	<0.10	<0.1446	<0.145	<0.145

PWS Sludge-Dumpster Mud

				Sample Number	2083414	2083417	2083699	2083701	2083709	2085290	2087157
				Year	2001	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Syracuse,NY	Garden City,GA	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY	Clackamas,OR	Fresno,CA
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<3.149	<9.146	<0.15	<0.15	<0.15	<18.141	<3.149
2,4,6-Trichlorophenol	159	ND	D042	2	<3.149	<9.146	<0.15	<0.15	<0.15	<18.141	<3.149
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.42	<1.219	<0.020	<0.020	<0.020	<2.419	<0.42
2-Methylphenol	159	ND	D023	200	<13.9	<21.7	<10.0	<10.0	<10.0	<33.4	<13.9
3+4-Methylphenol	159	ND	D024/25	200	<14.9	<24.7	<10.0	<10.0	<10.0	<39.4	<14.9
Hexachlorobenzene	159	ND	D032	0.13	<0.42	<1.219	<0.020	<0.020	<0.020	<2.419	<0.42
Hexachlorobutadiene	159	ND	D033	0.5	<2.1	<6.097	<0.10	<0.10	<0.10	<12.094	<2.05
Hexachloroethane	159	ND	D034	3	<2.1	<6.097	<0.10	<0.10	<0.10	<12.094	<2.1
Nitrobenzene	159	ND	D036	2	<2.1	<6.097	<0.10	<0.10	<0.10	<12.094	<2.1
Pentachlorophenol	159	ND	D037	100	<5.46	<15.852	<0.26	<0.26	<0.26	<31.44	<5.457
Pyridine	159	ND	D038	5	<6.09	<17.681	<0.29	<0.29	<0.29	<35.07	<6.087
METALS											
Arsenic	160	ND	D004	5	<0.545	<0.635	<0.500	<0.500	<0.500	<0.77	<0.545
Barium	160	1.703	D005	100	1.18	1.213	2.24	2.42	2.38	0.727	0.73
Cadmium	160	0.421	D006	1	0.565	0.325	0.492	0.302	0.271	0.749	**2**
Chromium	159	0.076	D007	5	<0.055	<0.064	<0.050	<0.050	<0.050	<0.077	0.365
Lead	160	1.2	D008	5	0.536	0.535	0.796	<0.400	<0.400	**6.533**	<0.436
Mercury	160	ND	D009	0.2	<0.0018	<0.0038	<0.0008	<0.0008	<0.0008	<0.0068	<0.0018
Selenium	160	ND	D010	1	<0.747	<0.741	<0.750	<0.750	<0.750	<0.732	<0.747
Silver	160	ND	D011	5	<0.055	<0.064	<0.050	<0.050	<0.050	<0.077	<0.0545
Misc											
Flash Point	153	143	D001	140	**122**	156	**102**	**110**	**102**	**126**	**132**
pH	162	7.56	D002	2-12.5	8.83	5.54	7.69	7.47	6.96	9.15	8.11
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<0.214	<0.242	<0.10	<0.20	<0.10	<0.284	<0.214
1,2-Dichloroethane	160	ND	D028	0.5	<0.206	<0.218	<0.10	<0.20	<0.10	<0.236	<0.206
1,4-Dichlorobenzene	160	ND	D027	7.5	0.243	<0.254	<0.10	<0.20	<0.10	<0.308	<0.218
Benzene	160	ND	D018	0.5	<0.206	0.251	<0.10	<0.20	<0.10	**0.692**	0.257
Carbon Tetrachloride	160	ND	D019	0.5	<0.206	<0.218	<0.10	<0.20	<0.10	<0.236	<0.206
Chlorobenzene	160	ND	D021	100	<0.206	<0.218	<0.10	<0.20	<0.10	<0.236	<0.206
Chloroform	160	ND	D022	6	<0.206	<0.218	<0.10	<0.20	<0.10	<0.236	<0.206
Methyl Ethyl Ketone	160	ND	D035	200	<0.515	<0.545	<0.40	<0.50	<0.20	0.922	0.919
Tetrachloroethylene	160	6.448	D039	0.7	**14.97**	**24.45**	**1.22**	**1.229**	0.415	**36.79**	**20.898**
Trichloroethylene	160	0.264	D040	0.5	0.313	**0.656**	<0.10	<0.20	<0.10	**1.124**	**0.841**
Vinyl Chloride	160	ND	D043	0.2	<0.145	<0.154	<0.15	<0.14	<0.10	<0.168	<0.145

PWS Sludge-Dumpster Mud

				Sample Number	2088242	2088454	2088697	2089520	2090123	2090328	2090694	2091971
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Highland,CA	El Monte,CA	Los Angeles,CA	Salida,CA	Macon,GA	Santa Anna,CA	Englewood,CO	Sacramento,CA
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<0.75	<0.75	<0.15	<87.11	<0.15	<0.15	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<0.75	<0.75	<0.15	<87.11	<0.15	<0.15	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.10	<0.10	<0.020	<11.61	<0.020	<0.055	<0.020
2-Methylphenol	159	ND	D023	200	<10.0	<50	<50	<10.0	<123.1	<10.0	<10.0	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<50	<50	<10.0	<152.1	<10.0	<10.0	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.10	<0.10	<0.020	<11.61	<0.020	<0.046	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.10	<0.50	<0.25	<0.050	<58.04	<0.050	<0.050	<0.10
Hexachloroethane	159	ND	D034	3	<0.10	<0.50	<0.50	<0.10	<58.07	<0.10	<0.10	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<0.50	<0.50	<0.10	<58.07	<0.10	<0.10	<0.10
Pentachlorophenol	159	ND	D037	100	<0.26	<1.3	<1.3	<0.26	<150.99	<0.26	<0.26	<0.26
Pyridine	159	ND	D038	5	<0.29	<1.5	<1.5	<0.29	<168.41	<0.29	<0.29	<0.25
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<5.00	<0.500	<1.81	<0.500	<0.500	<0.500
Barium	160	1.703	D005	100	1.24	3.11	8.92	0.928	6.8	1.29	1.29	1.75
Cadmium	160	0.421	D006	1	0.096	0.664	<0.500	0.116	1	**3.63**	0.450	0.482
Chromium	159	0.076	D007	5	<0.050	0.068	<0.500	<0.050	0.194	<0.050	<0.050	<0.050
Lead	160	1.2	D008	5	3.14	1.61	<4.00	<0.400	1.44	**27.0**	0.508	1.39
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.10	<0.0008	<0.030	<0.0008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.45	<0.750	<0.663	<0.750	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.500	<0.050	<0.181	<0.050	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	>200	>200	>200	148	142	168	**134**	138
pH	162	7.56	D002	2-12.5	10.24	9.90	10.26	8.90	8.14	7.06	6.41	8.13
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.40	<0.20	<0.596	<0.20	<0.20	<2.0
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.40	<0.20	<0.376	<0.20	<0.20	<2.0
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.40	<0.20	<0.706	<0.20	<0.20	<2.0
Benzene	160	ND	D018	0.5	<0.20	<0.20	<0.40	<0.20	<0.376	<0.20	<0.20	<2.0
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.40	<0.20	<0.376	<0.20	<0.20	<2.0
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.40	<0.20	<0.376	<0.20	<0.20	<2.0
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.40	<0.20	<0.376	<0.20	<0.20	<2.0
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	<0.50	2.801	<0.50	<0.94	<0.50	<0.50	<5.0
Tetrachloroethylene	160	6.448	D039	0.7	**6.448**	**0.999**	**263.1**	**0.811**	**436.26**	0.547	0.643	**42.8**
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	**0.778**	<0.20	**12.32**	<0.20	<0.20	<2.0
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.28	<0.14	<0.274	<0.14	<0.14	<1.4

PWS Sludge-Dumpster Mud

				Sample Number	2092149	2093714	2093883	2094164	2094184	2094366	2094865	2094871
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Columbus,GA	Cohoes,NY	Pineville,LA	Oakland,CA	Farmington,NM	St_ Charles,MO	Morrow,GA	St_ Paul,NC
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<0.15	<6.147	<0.75	<0.15	<0.15	<6.147	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<0.15	<6.147	<0.75	<0.15	<0.15	<6.147	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.020	<0.8196	<0.10	<0.020	<0.020	<0.8196	<0.020
2-Methylphenol	159	ND	D023	200	<10.0	<10.0	<17.8	<50	<10.0	<10.0	<17.8	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<10.0	<17.8	<50	<10.0	<10.0	<17.8	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.020	<0.8196	<0.10	<0.020	<0.020	<0.8196	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.050	<0.050	<4.049	<0.25	<0.050	<0.050	<4.049	<0.050
Hexachloroethane	159	ND	D034	3	<0.10	<0.10	<4.049	<0.50	<0.10	<0.10	<4.049	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<0.10	<4.049	<0.50	<0.10	<0.10	<4.049	<0.10
Pentachlorophenol	159	ND	D037	100	<0.26	<0.26	<10.6548	<1.3	<0.26	<0.26	<10.6548	<0.26
Pyridine	159	ND	D038	5	<0.29	<0.25	<10.245	<1.3	<0.25	<0.25	<10.245	<0.25
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.500	<0.59	<0.500	<0.500	<0.500	<0.59	<0.500
Barium	160	1.703	D005	100	1.49	1.27	1.22	0.497	0.664	2.24	22.554	4.24
Cadmium	160	0.421	D006	1	0.292	**1.40**	**1.0532**	<0.050	0.571	0.112	0.599	0.321
Chromium	159	0.076	D007	5	<0.050	<0.050	0.0654	0.542	<0.050	<0.050	0.722	0.441
Lead	160	1.2	D008	5	**6.33**	**5.78**	**213.149**	<0.400	**652**	<0.400	**5.128**	1.24
Mercury	160	ND	D009	0.2	<0.0008	<0.0008	<0.002784	0.005	<0.0008	<0.0008	<0.002784	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.750	<0.744	<0.750	<0.750	<0.750	<0.744	<0.750
Silver	160	ND	D011	5	<0.050	<0.050	<0.059	<0.050	<0.050	<0.050	<0.059	<0.050
Misc												
Flash Point	153	143	D001	140	142	**116**	**138**	>200	**138**	**138**	142	**112**
pH	162	7.56	D002	2-12.5	5.32	8.02	6.67	6.31	7.94	6.99	9.52	6.7
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.20	<0.228	<2.0	<0.20	<0.20	<0.218	<2.0
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.212	<2.0	<0.20	<0.20	<0.206	<2.0
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.20	<0.236	<2.0	<0.20	<0.20	0.23	<2.0
Benzene	160	ND	D018	0.5	<0.20	<0.20	0.252	<2.0	<0.20	<0.20	0.236	**3.995**
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.212	<2.0	<0.20	<0.20	<0.206	<2.0
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.212	<2.0	<0.20	<0.20	<0.206	<2.0
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.212	<2.0	<0.20	<0.20	<0.206	<2.0
Methyl Ethyl Ketone	160	ND	D035	200	<0.50	0.568	0.928	<5.0	<0.50	<0.50	0.677	<5.0
Tetrachloroethylene	160	6.448	D039	0.7	**1.475**	0.371	**12.756**	**763.6**	<0.20	0.355	**47.226**	**34.46**
Trichloroethylene	160	0.264	D040	0.5	<0.20	<0.20	0.312	<2.0	<0.20	<0.20	**0.686**	<2.0
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.14	<0.1492	<1.4	<0.14	<0.14	<0.1448	<1.4

PWS Sludge-Dumpster Mud

				Sample Number	2095107	2096464	2096472	2097335	2098606	2099679	2113281	2118940
				Year	2001	2001	2001	2001	2001	2001	2001	2001
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Raleigh,NC	Dodge City,KS	Medley,FL	Avon,NY	Greer,SC	Rohnert Park,CA	Norcross,GA	Salt Lake City,UT
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<6.588	<180.06	<0.15	<9.1455	<6.735	<0.15	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<6.588	<180.06	<0.15	<9.1456	<6.735	<0.15	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.8784	<24.008	<0.020	<1.2194	<0.898	<0.020	<0.020
2-Methylphenol	159	ND	D023	200	<10.0	<47.2	<244	<10.0	<21.7	<57	<10.0	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<47.2	<244	<10.0	<21.8	<57	<10.0	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.8784	<24.008	<0.020	<1.2194	<0.898	<0.020	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.050	<4.196	<60.02	<0.10	<6.097	<4.49	<0.10	<0.10
Hexachloroethane	159	ND	D034	3	<0.10	<4.392	<120.04	<0.10	<6.097	<4.49	<0.10	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<4.392	<120.04	<0.10	<6.097	<4.49	<0.10	<0.10
Pentachlorophenol	159	ND	D037	100	<0.26	<11.4192	<312.104	<0.26	<15.8522	<11.674	<0.26	<0.26
Pyridine	159	ND	D038	5	<0.25	<10.98	<300.1	<0.25	<15.2425	<11.225	<0.25	<0.25
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.59	<5	<0.500	<0.635	<0.59	<0.500	<0.500
Barium	160	1.703	D005	100	1.36	1.0121	1.888	1.70	1.834	12.223	14.4	1.01
Cadmium	160	0.421	D006	1	0.189	0.205	<0.5	0.303	0.515	0.678	0.118	1.78
Chromium	159	0.076	D007	5	<0.050	0.0729	<0.5	<0.050	0.076	0.572	<0.050	<0.050
Lead	160	1.2	D008	5	1.00	0.7525	4.361	1.30	0.677	7.958	<0.400	3.93
Mercury	160	ND	D009	0.2	0.026	<0.002784	<0.1	<0.0008	0.004	0.008	<0.0008	<0.0008
Selenium	160	ND	D010	1	<0.750	0.744	<0.45	<0.750	<0.741	<0.744	<0.750	<0.750
Silver	160	ND	D011	5	<0.050	<0.059	<0.5	<0.050	<0.0635	<0.059	<0.050	<0.050
Misc												
Flash Point	153	143	D001	140	116	160	154	136	156	136	>200	155
pH	162	7.56	D002	2-12.5	7.35	7.37	6.69	8.93	7.20	6.64	7.43	7.66
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.212	<1.28	<0.20	<0.218	<1.976	<0.20	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.204	<0.68	<0.20	<0.206	<1.968	<0.20	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	<0.216	<1.58	<0.20	<0.224	1.98	<0.20	<0.20
Benzene	160	ND	D018	0.5	<0.20	<0.204	8.12	<0.20	0.239	1.988	<0.20	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.204	<0.68	<0.20	<0.206	<1.968	<0.20	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.204	<0.68	<0.20	<0.206	<1.968	<0.20	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.204	<0.68	<0.20	<0.206	<1.968	<0.20	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	2.324	0.564	4.624	2.122	1.156	5.27	<1.0	<1.0
Tetrachloroethylene	160	6.448	D039	0.7	0.663	6.176	1437.93	5.276	21.777	101.1	1.513	0.473
Trichloroethylene	160	0.264	D040	0.5	0.395	0.264	24.158	0.208	0.56	2.258	<0.20	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.1432	<0.506	<0.14	<0.1448	<1.378	<0.14	<0.14

PWS Sludge-Dumpster Mud

				Sample Number	2118958	2119114	2121407	2122015	2122249	2123585	2138259	2138819
				Year	2001	2001	2001	2001	2001	2001	2002	2002
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Rohnert Park,CA	Highland,CA	Fresno,CA	Santa Anna,CA	El Monte,CA	Oakland,CA	Greer,SC	Tallahassee,FL
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<9.1455	<0.15	<3.1485	<6.147	<0.75	<3.1485	<3.1485	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<9.1455	<0.15	<3.1485	<6.147	<0.75	<3.1485	<3.1485	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<1.2194	<0.020	<0.4198	<0.8196	<0.10	<0.4198	<0.4198	<0.020
2-Methylphenol	159	ND	D023	200	<21.7	<10.0	<13.9	<17.8	<50	<13.9	<13.9	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<21.7	<10.0	<13.9	<17.8	<50	<13.9	<13.9	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<1.2194	<0.020	<0.4198	<0.8196	<0.10	<0.4198	<0.4198	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<6.097	<0.10	<1.0495	<4.098	<0.50	<2.099	<2.0495	<0.10
Hexachloroethane	159	ND	D034	3	<6.097	<0.10	<2.099	<4.098	<0.50	<2.099	<2.099	<0.10
Nitrobenzene	159	ND	D036	2	<6.097	<0.10	<2.099	<4.098	<0.50	<2.099	<2.099	<0.10
Pentachlorophenol	159	ND	D037	100	<15.8522	<0.26	<5.4574	<10.6548	<1.3	<5.4574	<5.4574	<0.26
Pyridine	159	ND	D038	5	<15.2425	<0.25	<5.2475	<10.245	<1.3	<5.2475	<5.2475	<0.25
METALS												
Arsenic	160	ND	D004	5	<0.635	<0.500	<0.545	<0.59	<5.00	<0.545	<0.545	<0.500
Barium	160	1.703	D005	100	1.011	2.46	1.311	0.772	2.24	1.38	0.992777	0.936
Cadmium	160	0.421	D006	1	0.7202	0.172	0.2709	0.287	<0.500	0.641	0.143303	1.18
Chromium	159	0.076	D007	5	0.0115	0.100	<0.0545	0.06	<0.500	0.165	0.081626	<0.050
Lead	160	1.2	D008	5	2.683	<0.400	<0.436	<0.472	<4.00	3.013	0.619447	0.471
Mercury	160	ND	D009	0.2	<0.00494	<0.0008	<0.001792	0.00288	<0.1	<0.001792	<0.001192	<0.0008
Selenium	160	ND	D010	1	<0.741	<0.750	<0.747	<0.744	<0.45	<0.747	<0.747	<0.750
Silver	160	ND	D011	5	<0.0635	<0.050	<0.0545	<0.059	<0.500	<0.0545	<0.0545	<0.050
Misc												
Flash Point	153	143	D001	140	**136**	150	**123**	158	**139**	**112**	**134**	**107**
pH	162	7.56	D002	2-12.5	7.63	10.21	6.31	5.78	10.70	7.54	6.83	9.84
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.206	<0.20	<0.202	<0.204	<0.20	<0.204	<0.202	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.2	<0.20	<0.2	<0.2	<0.20	<0.2	<0.2	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	0.211	<0.20	0.212	0.228	<0.20	<0.206	0.212	<0.20
Benzene	160	ND	D018	0.5	0.266	<0.20	0.221	0.286	<0.20	**0.684**	0.276	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.2	<0.20	<0.2	<0.2	<0.20	<0.2	<0.2	<0.20
Chlorobenzene	160	ND	D021	100	<0.2	<0.20	<0.2	<0.2	<0.20	<0.2	<0.2	<0.20
Chloroform	160	ND	D022	6	<0.2	<0.20	<0.2	<0.2	<0.20	<0.2	<0.2	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	2.065	<1.0	1.002	1.014	<1.0	1.124	1.006	<1.0
Tetrachloroethylene	160	6.448	D039	0.7	**2.47**	**35.87**	**7.044**	**16.476**	**21.27**	**29.06**	**18.16779**	0.211
Trichloroethylene	160	0.264	D040	0.5	0.476	<0.20	0.388	0.316	<0.20	**0.55**	**0.63766**	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.1403	<0.14	<0.1401	<0.1402	<0.14	<0.1402	<0.1401	<0.14

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			Sample Number		2139840	2139869	2139877	2139886	2140186	2140406	2140409	2140995
				Year	2002	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Salt Lake City,UT	Fresno,CA	Garden City,GA	Los Angeles,CA	Salida,CA	Salida,CA	Macon,GA	Norcross,GA
BNA												
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<24.138	<9.1455	<0.15	<0.15	<0.15	<300	<3.1485
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<24.138	<9.1455	<0.15	<0.15	<0.15	<300	<3.1485
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<3.2184	<1.2194	<0.020	<0.020	<0.020	<40	<0.4198
2-Methylphenol	159	ND	D023	200	<10.0	<41.2	<21.7	<10.0	<10.0	<10.0	<400	<13.9
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<41.2	<21.7	<10.0	<10.0	<10.0	<400	<13.9
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<3.2184	<1.2194	<0.020	<0.020	<0.020	<40	<0.4198
Hexachlorobutadiene	159	ND	D033	0.5	<0.050	<8.046	<3.0485	<0.050	<0.050	<0.050	<100	<1.099
Hexachloroethane	159	ND	D034	3	<0.10	<16.092	<6.097	<0.10	<0.10	<0.10	<200	<2.099
Nitrobenzene	159	ND	D036	2	<0.10	<16.092	<6.097	<0.10	<0.10	<0.10	<200	<2.099
Pentachlorophenol	159	ND	D037	100	<0.26	<41.8392	<15.8522	<0.26	<0.26	<0.26	<520	<5.4574
Pyridine	159	ND	D038	5	<0.25	<40.23	<15.2425	<0.25	<0.25	<0.25	<500	<5.2475
METALS												
Arsenic	160	ND	D004	5	<0.500	<0.86	<0.635	<0.500	<0.500	<0.500	<5.00	<0.545
Barium	160	1.703	D005	100	1.42	1.139	2.313	3.62	0.866	0.636	<5.00	1.703
Cadmium	160	0.421	D006	1	0.481	**2.39**	0.421	0.429	0.903	0.791	<0.500	0.291
Chromium	159	0.076	D007	5	<0.050	0.099	0.134	<0.050	0.145	0.135	<0.500	<0.0545
Lead	160	1.2	D008	5	0.536	4.06	3.437	0.935	0.443	<0.400	<4.00	0.661
Mercury	160	ND	D009	0.2	<0.0008	<0.003936	<0.001976	<0.0008	<0.0008	<0.0008	<0.10	<0.001792
Selenium	160	ND	D010	1	<0.750	<0.726	<0.741	<0.750	<0.750	<0.750	<0.45	<0.747
Silver	160	ND	D011	5	<0.050	<0.086	<0.0635	<0.050	<0.050	<0.050	<0.500	<0.0545
Misc												
Flash Point	153	143	D001	140	>200	>200	158	>200	>200	>200	154	**100**
pH	162	7.56	D002	2-12.5	8.80	7.53	6.29	10.24	7.90	7.78	7.56	8.00
VOA												
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.212	<0.204	<0.20	<0.20	<0.20	<0.40	<0.202
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.2	<0.2	<0.20	<0.20	<0.20	<0.20	<0.2
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	0.32	<0.206	<0.20	<0.20	<0.20	0.61	0.213
Benzene	160	ND	D018	0.5	<0.20	0.312	0.246	<0.20	<0.20	<0.20	**0.65**	<0.2
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.2
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.2
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.2
Methyl Ethyl Ketone	160	ND	D035	200	<1.0	0.152	<0.99	<1.0	<1.0	<1.0	0.98	1.014
Tetrachloroethylene	160	6.448	D039	0.7	<0.20	**54.83**	**34.3**	**2.555**	<0.20	<0.20	**386**	**20.16**
Trichloroethylene	160	0.264	D040	0.5	<0.20	**1.22**	0.178	<0.20	<0.20	<0.20	**2.3**	0.213
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.1406	<0.1402	<0.14	<0.14	<0.14	<0.15	<0.1401

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				Sample Number	2141321	2141729	2144166	2144178	2144192	2145227	2145822
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	El Monte,CA	Morrow,GA	No_ Amityville,NY	No_ Amityville,NY	No_ Amityville,NY	Rohnert Park,CA	Farmington,NM
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<0.15	<5.0	<12.144	<12.144	<30.135	<12.144	<0.15
2,4,6-Trichlorophenol	159	ND	D042	2	<0.15	<2.0	<12.144	<12.144	<30.135	<12.144	<0.15
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.020	<0.13	<1.6192	<1.6192	<4.018	<1.6192	<0.020
2-Methylphenol	159	ND	D023	200	<10.0	<5.0	<25.6	<25.6	<49	<25.6	<10.0
3+4-Methylphenol	159	ND	D024/25	200	<10.0	<5.0	<25.6	<25.6	<49	<25.6	<10.0
Hexachlorobenzene	159	ND	D032	0.13	<0.020	<0.025	<1.6192	<1.6192	<4.018	<1.6192	<0.020
Hexachlorobutadiene	159	ND	D033	0.5	<0.050	<0.10	<8.048	<8.048	<20.045	<8.048	<0.10
Hexachloroethane	159	ND	D034	3	<0.10	<1.0	<8.096	<8.096	<20.09	<8.096	<0.10
Nitrobenzene	159	ND	D036	2	<0.10	<0.40	<8.096	<8.096	<20.09	<8.096	<0.10
Pentachlorophenol	159	ND	D037	100	<0.26	<5.0	<21.0496	<21.0496	<52.234	<21.0496	<0.26
Pyridine	159	ND	D038	5	<0.25	<1.0	<20.24	<20.24	<50.225	<20.24	<0.25
METALS											
Arsenic	160	ND	D004	5	<0.500	<5.00	<0.68	<0.68	<0.95	<0.68	<0.500
Barium	160	1.703	D005	100	<0.500	<5.00	2.95	5.18	2.128	1.028	1.57
Cadmium	160	0.421	D006	1	<0.050	<0.500	0.528	0.969	0.4183	3.379	0.416
Chromium	159	0.076	D007	5	<0.050	<0.500	<0.068	0.116	0.10625	0.13976	0.094
Lead	160	1.2	D008	5	<0.400	<4.00	2.08	**5.37**	1.03945	1.7186	1.67
Mercury	160	ND	D009	0.2	<0.0008	<0.040	<0.002368	<0.002368	<0.00472	<0.004768	<0.0008
Selenium	160	ND	D010	1	<0.750	<0.45	<0.738	<0.7203	<0.72	<0.738	<0.750
Silver	160	ND	D011	5	<0.050	<0.500	<0.068	<0.068	<0.095	<0.068	<0.050
Misc											
Flash Point	153	143	D001	140	>200	143	159	156	143	**138**	149
pH	162	7.56	D002	2-12.5	9.94	6.55	9.33	7.94	9.91	7.48	7.14
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<0.20	<0.40	<0.21	<0.208	<0.216	<0.208	<0.20
1,2-Dichloroethane	160	ND	D028	0.5	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.20
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.20	1.2	0.24	0.232	<0.224	0.2264	<0.20
Benzene	160	ND	D018	0.5	<0.20	**5.6**	0.219	0.2136	**0.6**	0.45	<0.20
Carbon Tetrachloride	160	ND	D019	0.5	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.20
Chlorobenzene	160	ND	D021	100	<0.20	<0.20	<0.20	<0.2	<0.2	0.22	<0.20
Chloroform	160	ND	D022	6	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.20
Methyl Ethyl Ketone	160	ND	D035	200	<1.0	11.4	1.125	1.072	1.208	1.4	<1.0
Tetrachloroethylene	160	6.448	D039	0.7	**2.249**	**1470**	**49.87**	**40.71**	**103.85**	**35.09**	**0.83**
Trichloroethylene	160	0.264	D040	0.5	<0.20	**57.6**	**11.54**	**7.832**	**5.272**	1.18	<0.20
Vinyl Chloride	160	ND	D043	0.2	<0.14	<0.15	<0.1405	<0.1404	<0.1408	<0.1404	<0.14

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				Sample Number	C2F210333001	C2G090273001	C2G090273001X	C2G160299001	C2G160299001R2	C2I250289001	C2I250289002
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Pineville,LA	Albuquerque,NM	Albuquerque,NM	Dodge City,KS	Dodge City,KS	Boise,ID	Boise,ID
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<<<0.05	<<<<<<0.1		<<<<<<0.05		0.26	
2,4,6-Trichlorophenol	159	ND	D042	2	<<<0.05	<<<<<<0.1		<<<<<<0.05		<<<<<<0.05	
2,4-Dinitrotoluene	159	ND	D030	0.13	<<<0.05	<<<<<<0.1		<<<<<<0.05		<<<<<<0.05	
2-Methylphenol	159	ND	D023	200	0.25	<<<<<<0.1		0.47		1.3	
3+4-Methylphenol	159	ND	D024/25	200	0.1	<<<<<<0.1		1.8		2.8	
Hexachlorobenzene	159	ND	D032	0.13	<<<0.05	<<<<<<0.1		<<<<<<0.025		<<<<<<0.025	
Hexachlorobutadiene	159	ND	D033	0.5	<<<0.05	<<<<<<0.1		<<<<<<0.1		<<<<<<0.1	
Hexachloroethane	159	ND	D034	3	<<<0.05	<<<<<<0.1		<<<<<<1		<<<<<<1	
Nitrobenzene	159	ND	D036	2	<<<0.05	<<<<<<0.1		<<<<<<0.05		<<<<<<0.05	
Pentachlorophenol	159	ND	D037	100	<<<0.25	<<<<<<0.5		<<<<<<3		<<<<<<3	
Pyridine	159	ND	D038	5	<<<0.1	<<<<<<0.2		<<<<<<0.05		0.064	
METALS											
Arsenic	160	ND	D004	5	<<<0.5	<<<<<<0.5		<<<<<<1		<<<<<<1	
Barium	160	1.703	D005	100	<<<10	<<<<<<10		<<<<<<20		<<<<<<20	
Cadmium	160	0.421	D006	1	0.16	0.68		<<<<<<0.5		<<<<<<0.5	
Chromium	159	0.076	D007	5	<<<0.5	<<<<<<0.5		1.2		<<<<<<0.5	
Lead	160	1.2	D008	5	1.7	<<<<<<0.5		**14.3**		0.85	
Mercury	160	ND	D009	0.2	<<<0.0002	0.0002		<<<<<<0.033		<<<<<<0.033	
Selenium	160	ND	D010	1	<<<0.25	<<<<<<0.25		<<<<<<0.5		<<<<<<0.5	
Silver	160	ND	D011	5	<<<0.5	<<<<<<0.5		<<<<<<0.5		<<<<<<0.5	
Misc											
Flash Point	153	143	D001	140	145		156	163		151	
pH	162	7.56	D002	2-12.5	8.7		8.5	6.8		7.9	
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<<<0.25	<<<<<<0.05		<<<<<<0.25			<<<<<<0.5
1,2-Dichloroethane	160	ND	D028	0.5	<<<0.25	<<<<<<0.05		<<<<<<0.25			<<<<<<0.5
1,4-Dichlorobenzene	160	ND	D027	7.5	<<<0.25	<<<<<<0.05		0.73			<<<<<<0.5
Benzene	160	ND	D018	0.5	<<<0.25	<<<<<<0.05		2.7			0.75
Carbon Tetrachloride	160	ND	D019	0.5	<<<0.25	<<<<<<0.05		<<<<<<0.25			<<<<<<0.5
Chlorobenzene	160	ND	D021	100	<<<0.25	<<<<<<0.05		<<<<<<0.25			<<<<<<0.5
Chloroform	160	ND	D022	6	<<<1	<<<<<<0.05		<<<<<<1			<<<<<<2
Methyl Ethyl Ketone	160	ND	D035	200	<<<0.25	<<<<<<0.05		5			0.7
Tetrachloroethylene	160	6.448	D039	0.7	17	0.098			**1500**		**210**
Trichloroethylene	160	0.264	D040	0.5	4.1	<<<<<<0.05		8.5			22
Vinyl Chloride	160	ND	D043	0.2	<<<0.1	<<<<<<0.05		<<<<<<0.1			<<<<<<0.2

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				Sample Number	C2J010143001	C2J010158001	C2J010158001	C2J010306001	C2J040303001	C2J040303001X	C2J150160001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Clackamas,OR	Archdale,NC	High Point,NC	Gering,NE	Grand Island,NE	Grand Island,NE	Syracuse,NY
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
2,4,6-Trichlorophenol	159	ND	D042	2	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
2,4-Dinitrotoluene	159	ND	D030	0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
2-Methylphenol	159	ND	D023	200	0.35	0.096	0.096	0.47	0.19		1.1
3+4-Methylphenol	159	ND	D024/25	200	4.5	0.24	0.24	0.64	0.24		1.3
Hexachlorobenzene	159	ND	D032	0.13	<<<<<<0.025	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
Hexachlorobutadiene	159	ND	D033	0.5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
Hexachloroethane	159	ND	D034	3	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
Nitrobenzene	159	ND	D036	2	0.17	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
Pentachlorophenol	159	ND	D037	100	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3		<<<<<<3
Pyridine	159	ND	D038	5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05		<<<<<<0.05
METALS											
Arsenic	160	ND	D004	5	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<<1		<<<<<<1
Barium	160	1.703	D005	100	<<<<<<20	<<<<<<20	<<<<<<20	<<<<<<20	<<<<<<20		<<<<<<20
Cadmium	160	0.421	D006	1	**1.1**	**2.3**	**2.3**	<<<<<<0.5	<<<<<<0.5		0.54
Chromium	159	0.076	D007	5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Lead	160	1.2	D008	5	**15.4**	**187**	**187**	**5.7**	0.88		2
Mercury	160	ND	D009	0.2	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033		<<<<<<0.033
Selenium	160	ND	D010	1	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Silver	160	ND	D011	5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Misc											
Flash Point	153	143	D001	140	151	151	151	151		150	157
pH	162	7.56	D002	2-12.5	7	7.2	7.2	6.4	7		8.5
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
1,2-Dichloroethane	160	ND	D028	0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
1,4-Dichlorobenzene	160	ND	D027	7.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		0.75
Benzene	160	ND	D018	0.5	**2**	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Carbon Tetrachloride	160	ND	D019	0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Chlorobenzene	160	ND	D021	100	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Chloroform	160	ND	D022	6	<<<<<<2	<<<<<<2	<<<<<<2	<<<<<<2	<<<<<<2		<<<<<<2
Methyl Ethyl Ketone	160	ND	D035	200	4.5	16	16	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5
Tetrachloroethylene	160	6.448	D039	0.7	**2000**	**120**	**120**	**220**	**110**		**66**
Trichloroethylene	160	0.264	D040	0.5	**9.1**	**0.56**	**0.56**	**49**	**11**		**3.2**
Vinyl Chloride	160	ND	D043	0.2	<<<<<<0.2	<<<<<<0.2	<<<<<<0.2	<<<<<<0.2	<<<<<<0.2		<<<<<<0.2

PWS Sludge-Dumpster Mud

			Sample Number		C2J150167001	C2J170118001	C2J170122001	C2J170130001	C2J170133001	C2J170201001	C2J230307001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Syracuse,NY	Lackawanna,NY	Lackawanna,NY	Syracuse,NY	Lackawanna,NY	Nepean,ON	St_ Paul,NC
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
2,4,6-Trichlorophenol	159	ND	D042	2	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
2,4-Dinitrotoluene	159	ND	D030	0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
2-Methylphenol	159	ND	D023	200	0.31	0.22	0.39	0.93	0.37	0.67	<<<0.05
3+4-Methylphenol	159	ND	D024/25	200	0.52	0.097	0.51	1.1	0.51	0.8	<<<0.05
Hexachlorobenzene	159	ND	D032	0.13	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
Hexachlorobutadiene	159	ND	D033	0.5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
Hexachloroethane	159	ND	D034	3	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
Nitrobenzene	159	ND	D036	2	0.055	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
Pentachlorophenol	159	ND	D037	100	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<<3	<<<<<3	<<<<<<3	<<<3
Pyridine	159	ND	D038	5	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<<0.05	<<<<<0.05	<<<<<<0.05	<<<0.05
METALS											
Arsenic	160	ND	D004	5	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<<1	<<<<<1	<<<<<<1	<<<1
Barium	160	1.703	D005	100	<<<<<<20	<<<<<<20	<<<<<<20	<<<<<<20	<<<<<20	<<<<<<20	<<<20
Cadmium	160	0.421	D006	1	0.6	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	0.64	<<<<<<0.5	<<<0.5
Chromium	159	0.076	D007	5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Lead	160	1.2	D008	5	1	2.1	1.8	1.2	4	0.54	0.46
Mercury	160	ND	D009	0.2	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	<<<<<<0.033	<<<<<0.033	<<<<<<0.033	<<<0.033
Selenium	160	ND	D010	1	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Silver	160	ND	D011	5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Misc											
Flash Point	153	143	D001	140	153	150	157	148	147	155	158
pH	162	7.56	D002	2-12.5	6.1						7.8
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
1,2-Dichloroethane	160	ND	D028	0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
1,4-Dichlorobenzene	160	ND	D027	7.5	0.71	<<<<<<0.5	<<<<<<0.5	0.85	<<<<<0.5	<<<<<<0.5	<<<0.5
Benzene	160	ND	D018	0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Carbon Tetrachloride	160	ND	D019	0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Chlorobenzene	160	ND	D021	100	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<<0.5	<<<<<0.5	<<<<<<0.5	<<<0.5
Chloroform	160	ND	D022	6	<<<<<<2	<<<<<<2	<<<<<<2	<<<<<<2	<<<<<2	<<<<<<2	<<<2
Methyl Ethyl Ketone	160	ND	D035	200	<<<<<<0.5	0.67	4.2	<<<<<<0.5	0.55	<<<<<<0.5	<<<0.5
Tetrachloroethylene	160	6.448	D039	0.7	**31**	**22**	**31**	**120**	**50**	<<<<<<0.5	**17**
Trichloroethylene	160	0.264	D040	0.5	**0.71**	**0.63**	**1.8**	**3.7**	**0.85**	<<<<<<0.5	<<<0.5
Vinyl Chloride	160	ND	D043	0.2	<<<<<<0.2	<<<<<<0.2	<<<<<<0.2	<<<<<<0.2	<<<<<0.2	<<<<<<0.1	<<<0.2

PWS Sludge-Dumpster Mud

				Sample Number	C2K010351001	C2K010357001	C2K060114001	C2K080252001	C2K080378001	C2K130213001	C2K140137001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Fargo,ND	St_ Charles,MO	Salt Lake City,UT	Oshawa,ON	Los Angeles,CA	Sacramento,CA	Sacramento,CA
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<<<20	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
2,4,6-Trichlorophenol	159	ND	D042	2	<<<20	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
2,4-Dinitrotoluene	159	ND	D030	0.13	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
2-Methylphenol	159	ND	D023	200	0.057	1.5	0.072	0.71	0.059	<<<0.05	0.15
3+4-Methylphenol	159	ND	D024/25	200	0.12	4.3	0.17	1.5	0.18	0.36	0.48
Hexachlorobenzene	159	ND	D032	0.13	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
Hexachlorobutadiene	159	ND	D033	0.5	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
Hexachloroethane	159	ND	D034	3	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
Nitrobenzene	159	ND	D036	2	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	0.082
Pentachlorophenol	159	ND	D037	100	<<<3	<<<<<<3	<<<3	<<<3	<<<3	<<<3	<<<3
Pyridine	159	ND	D038	5	<<<0.05	<<<<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05	<<<0.05
METALS											
Arsenic	160	ND	D004	5	<<<1	<<<<<<1	<<<1	<<<1	<<<1	<<<1	<<<1
Barium	160	1.703	D005	100	<<<20	<<<<<<20	<<<20	<<<20	<<<20	<<<20	<<<20
Cadmium	160	0.421	D006	1	<<<0.5	<<<<<<0.5	**1.5**	<<<0.5	<<<0.5	**2.4**	0.84
Chromium	159	0.076	D007	5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Lead	160	1.2	D008	5	<<<0.3	1.2	1.9	1.1	0.38	3.1	1.3
Mercury	160	ND	D009	0.2	<<<0.033	<<<<<<0.033	<<<0.033	<<<0.033	<<<0.033	<<<0.033	<<<0.033
Selenium	160	ND	D010	1	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Silver	160	ND	D011	5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Misc											
Flash Point	153	143	D001	140			156	158	151	148	153
pH	162	7.56	D002	2-12.5	7.9	8.9	6.5	8.2	8.6	7.8	9.4
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
1,2-Dichloroethane	160	ND	D028	0.5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
1,4-Dichlorobenzene	160	ND	D027	7.5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Benzene	160	ND	D018	0.5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Carbon Tetrachloride	160	ND	D019	0.5	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Chlorobenzene	160	ND	D021	100	<<<0.5	<<<<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5	<<<0.5
Chloroform	160	ND	D022	6	<<<2	<<<<<<2	<<<2	<<<2	<<<2	<<<2	<<<2
Methyl Ethyl Ketone	160	ND	D035	200	0.68	<<<<<<0.5	<<<0.5	1.5	<<<0.5	<<<0.5	<<<0.5
Tetrachloroethylene	160	6.448	D039	0.7	<<<0.5	**24**	**88**	**20**	<<<0.5	**15**	**20**
Trichloroethylene	160	0.264	D040	0.5	<<<0.5	**0.58**	**0.94**	<<<0.5	<<<0.5	**0.57**	**1.6**
Vinyl Chloride	160	ND	D043	0.2	<<<0.2	<<<<<<0.2	<<<0.2	<<<0.2	<<<0.2	<<<0.2	<<<0.2

PWS Sludge-Dumpster Mud

				Sample Number	C2K140149001	C2K140276001	C2K140276001R2	C2K150365001	C2K220142001	C2K220396001	C2K270262001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Oakland,CA	Santa Anna,CA	Santa Anna,CA	Wichita,KS	Omaha,NE	Highland,CA	El Monte,CA
BNA											
2,4,5-Trichlorophenol	159	ND	D041	400	<0.05	<0.05		<<0.05	<<<1	<<<0.1	<0.05
2,4,6-Trichlorophenol	159	ND	D042	2	<0.05	<0.05		<<0.05	<<<1	<<<0.1	<0.05
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.05	**0.36**		<<0.05	<<<1	<<<0.1	<0.05
2-Methylphenol	159	ND	D023	200	0.22	0.28		0.34	<<<1	<<<0.1	0.071
3+4-Methylphenol	159	ND	D024/25	200	0.54	1.6		0.92	<<<1	<<<0.1	0.18
Hexachlorobenzene	159	ND	D032	0.13	<0.05	<0.025		<<0.05	<<<1	<<<0.1	<0.05
Hexachlorobutadiene	159	ND	D033	0.5	<0.05	<0.1		<<0.05	<<<1	<<<0.1	<0.05
Hexachloroethane	159	ND	D034	3	<0.05	<1		<<0.05	<<<1	<<<0.1	<0.05
Nitrobenzene	159	ND	D036	2	<0.05	<0.05		<<0.05	<<<1	<<<0.1	0.07
Pentachlorophenol	159	ND	D037	100	<3	<3		<<3	<<<5	<<<0.5	<3
Pyridine	159	ND	D038	5	<0.05	<0.05		<<0.05	<<<2	<<<0.2	<0.05
METALS											
Arsenic	160	ND	D004	5	<1	1.5		<<1	<<<0.5	<<<0.5	<0.5
Barium	160	1.703	D005	100	<20	**505**		<<20	<<<10	<<<10	<10
Cadmium	160	0.421	D006	1	0.91	**11.8**		**1.4**	0.36	<<<0.1	<0.25
Chromium	159	0.076	D007	5	<0.5	**519**		<<0.5	<<<0.5	<<<0.5	0.26
Lead	160	1.2	D008	5	1.4	**125**		4.4	<<<0.5	0.64	3.1
Mercury	160	ND	D009	0.2	<0.033	0.1		<<0.033	<<<0.0002	<<<0.0002	<0.002
Selenium	160	ND	D010	1	<0.5	0.6		<<0.5	<<<0.25	<<<0.25	<0.25
Silver	160	ND	D011	5	<0.5	1.8		<<0.5	<<<0.5	<<<0.5	<0.25
Misc											
Flash Point	153	143	D001	140	152	148			**139**	**139**	162
pH	162	7.56	D002	2-12.5	9.8	10.2			7.4	8.9	10.4
VOA											
1,1-Dichloroethylene	160	ND	D029	0.7	<0.5		<5	<<0.5	<<<0.05	<<<0.05	<0.02
1,2-Dichloroethane	160	ND	D028	0.5	<0.5		<5	<<0.5	<<<0.05	<<<0.05	<0.02
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.5		<20	<<0.5	<<<0.05	<<<0.05	<0.02
Benzene	160	ND	D018	0.5	1		<5	6.3	<<<0.05	<<<0.05	<0.02
Carbon Tetrachloride	160	ND	D019	0.5	<0.5		<5	<<0.5	<<<0.05	<<<0.05	<0.02
Chlorobenzene	160	ND	D021	100	<0.5		<5	<<0.5	<<<0.05	<<<0.05	<0.02
Chloroform	160	ND	D022	6	<2		<20	<<2	<<<0.05	<<<0.05	<0.02
Methyl Ethyl Ketone	160	ND	D035	200	2.6		<20	<<0.5	0.18	<<<0.05	<0.02
Tetrachloroethylene	160	6.448	D039	0.7	**75**		**300**	**80**	0.19	0.59	0.022
Trichloroethylene	160	0.264	D040	0.5	**6.2**		<5	**4**	0.079	<<<0.05	<0.02
Vinyl Chloride	160	ND	D043	0.2	<0.2		<2	<<0.2	<<<0.05	<<<0.05	<0.02

PWS Sludge-Dumpster Mud

				Sample Number	C2K270275001	C2L200353001
				Year	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Fresno,CA	Rohnert Park,CA
BNA						
2,4,5-Trichlorophenol	159	ND	D041	400	<0.05	
2,4,6-Trichlorophenol	159	ND	D042	2	<0.05	
2,4-Dinitrotoluene	159	ND	D030	0.13	<0.05	
2-Methylphenol	159	ND	D023	200	<0.05	
3+4-Methylphenol	159	ND	D024/25	200	0.092	
Hexachlorobenzene	159	ND	D032	0.13	<0.05	
Hexachlorobutadiene	159	ND	D033	0.5	<0.05	
Hexachloroethane	159	ND	D034	3	<0.05	
Nitrobenzene	159	ND	D036	2	<0.05	
Pentachlorophenol	159	ND	D037	100	<3	
Pyridine	159	ND	D038	5	<0.05	
METALS						
Arsenic	160	ND	D004	5	<1	<0.01
Barium	160	1.703	D005	100	<20	0.63
Cadmium	160	0.421	D006	1	<0.5	0.29
Chromium	159	0.076	D007	5	<0.5	0.014
Lead	160	1.2	D008	5	<0.3	0.78
Mercury	160	ND	D009	0.2	<0.033	<0.0002
Selenium	160	ND	D010	1	<0.5	0.022
Silver	160	ND	D011	5	<0.5	<0.005
Misc						
Flash Point	153	143	D001	140	157	
pH	162	7.56	D002	2-12.5	11.1	8.3
VOA						
1,1-Dichloroethylene	160	ND	D029	0.7	<0.5	<0.05
1,2-Dichloroethane	160	ND	D028	0.5	<0.5	<0.05
1,4-Dichlorobenzene	160	ND	D027	7.5	<0.5	<0.05
Benzene	160	ND	D018	0.5	<0.5	0.089
Carbon Tetrachloride	160	ND	D019	0.5	<0.5	<0.05
Chlorobenzene	160	ND	D021	100	<0.5	<0.05
Chloroform	160	ND	D022	6	<2	<0.05
Methyl Ethyl Ketone	160	ND	D035	200	<0.5	1
Tetrachloroethylene	160	6.448	D039	0.7	<0.5	0.16
Trichloroethylene	160	0.264	D040	0.5	<0.5	<0.05
Vinyl Chloride	160	ND	D043	0.2	<0.2	<0.05

PWS Tank Bottoms

				Sample Number	2010502	2017649	2025731	2026009	2026012	2056651	2058618
				Year	2000	2000	2000	2000	2000	2000	2000
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Denton,TX	Grand Island,NE	Garden City,GA	Columbus,GA	Columbus,GA	Grand Island,NE	Salt Lake City,UT
BNA											
2,4,5-Trichlorophenol	35	ND	D041	400	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
2,4,6-Trichlorophenol	35	ND	D042	2	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
2,4-Dinitrotoluene	35	0.059	D030	0.13	<40	<0.020	<0.8196	<40	<40	<0.020	<0.10
2-Methylphenol	35	ND	D023	200	<200	<0.10	<13.8	<200	<200	<10.0	<50
3+4-Methylphenol	35	ND	D024/25	200	<200	<0.10	<13.9	<200	<200	<10.0	<50
Hexachlorobenzene	35	ND	D032	0.13	<40	<0.020	<0.8196	<40	<40	<0.020	<0.10
Hexachlorobutadiene	35	ND	D033	0.5	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
Hexachloroethane	35	ND	D034	3	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
Nitrobenzene	35	ND	D036	2	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
Pentachlorophenol	35	ND	D037	100	<200	<0.10	<4.098	<200	<200	<0.10	<0.50
Pyridine	35	ND	D038	5	<200	<0.11	<4.38486	<210	<210	<0.11	<0.54
METALS											
Arsenic	35	ND	D004	5	<5.00	<0.500	<0.59	<5.00	<5.00	<0.500	<0.500
Barium	35	ND	D005	100	53.4	1.71	0.576	52.5	2.79	1.06	1.62
Cadmium	35	0.628	D006	1	**5.58**	<0.050	0.119	**2.39**	<0.500	<0.050	0.501
Chromium	35	ND	D007	5	**8.50**	<0.050	<0.059	**6.83**	0.764	0.109	0.086
Lead	35	1.6	D008	5	**82.7**	<0.400	<0.472	**474**	**49.1**	<0.400	1.18
Mercury	35	ND	D009	0.2	<0.10	<0.0008	<0.001584	<0.040	<0.040	<0.0008	0.004
Selenium	35	ND	D010	1	<0.45	<0.750	<0.73515	<0.008	<0.008	<0.750	<0.750
Silver	35	ND	D011	5	<0.500	<0.050	<0.059	<0.500	<0.500	<0.050	<0.050
Misc											
Flash Point	32	153	D001	140	>200	**135**	155	155	152	144	154
pH	35	7.84	D002	2-12.5	7.02	7.3	6.02	6.83	5.48	7.06	8.39
VOA											
1,1-Dichloroethylene	35	ND	D029	0.7	<4.0	<0.20	<0.204	<40	<40	<0.10	<0.20
1,2-Dichloroethane	35	ND	D028	0.5	<2.0	<0.20	<0.20	<20	<20	<0.10	<0.20
1,4-Dichlorobenzene	34	ND	D027	7.5	<5.0	<0.20	0.215	<50	<50	<0.10	<0.20
Benzene	35	ND	D018	0.5	<2.0	<0.20	0.236	<20	<20	<0.10	<0.20
Carbon Tetrachloride	35	ND	D019	0.5	<2.0	<0.20	<0.20	<20	<20	<0.10	<0.20
Chlorobenzene	35	ND	D021	100	<2.0	<0.20	<0.20	<20	<20	<0.10	<0.20
Chloroform	35	ND	D022	6	<2.0	<0.20	<0.20	<20	<20	<0.10	<0.20
Methyl Ethyl Ketone	35	0.839	D035	200	<5.0	<0.50	0.518	<50	<50	<0.20	6.608
Tetrachloroethylene	35	5.177	D039	0.7	<2.0	0.649	**13.441**	**1030**	**1080**	0.201	**1.571**
Trichloroethylene	35	ND	D040	0.5	<2.0	<0.20	**0.792**	**70.4**	**65.4**	<0.10	0.245
Vinyl Chloride	35	ND	D043	0.2	<1.5	<0.14	<0.1402	<15	<15	<0.10	<0.14

PWS Tank Bottoms

				Sample Number	2058619	2062072	2075713	2078405	2089530	2094348	2095598	2095607
				Year	2000	2000	2001	2001	2001	2001	2001	2001
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Salt Lake City,UT	Sioux Falls,SD	Denton,TX	Fargo,ND	Columbus,GA	St_ Charles,MO	Charlotte,NC	Charlotte,NC
BNA												
2,4,5-Trichlorophenol	35	ND	D041	400	<0.50	<0.50	<200	<5.0	<300	<0.15	<0.15	<0.15
2,4,6-Trichlorophenol	35	ND	D042	2	<0.50	<0.50	<200	<2.0	<300	<0.15	<0.15	<0.15
2,4-Dinitrotoluene	35	0.059	D030	0.13	<0.10	<0.10	<40	<0.13	<40	<0.020	<0.020	<0.020
2-Methylphenol	35	ND	D023	200	<50	<50	<200	<5.0	<400	<10.0	<10.0	<10.0
3+4-Methylphenol	35	ND	D024/25	200	<50	<50	<200	<5.0	<500	<10.0	<10.0	<10.0
Hexachlorobenzene	35	ND	D032	0.13	<0.10	<0.10	<40	<0.025	<40	<0.020	<0.020	<0.020
Hexachlorobutadiene	35	ND	D033	0.5	<0.50	<0.50	<200	<0.10	<100	<0.050	<0.050	<0.050
Hexachloroethane	35	ND	D034	3	<0.50	<0.50	<200	<1.0	<200	<0.10	<0.10	<0.10
Nitrobenzene	35	ND	D036	2	<0.50	<0.50	<200	<0.40	<200	<0.10	<0.10	<0.10
Pentachlorophenol	35	ND	D037	100	<0.50	<0.50	<200	<5.0	<520	<0.26	<0.26	<0.26
Pyridine	35	ND	D038	5	<0.54	<0.54	<210	<1.0	<580	<0.25	<0.25	<0.25
METALS												
Arsenic	35	ND	D004	5	<0.500	<0.500	<5.00	<5.00	<5.00	<0.500	<0.500	<0.500
Barium	35	ND	D005	100	1.03	1.04	19.4	3.89	0.907	0.787	0.599	8.23
Cadmium	35	0.628	D006	1	0.514	0.647	**4.12**	<0.500	<0.500	**2.19**	0.408	**1.06**
Chromium	35	ND	D007	5	<0.050	0.124	2.50	<0.500	<0.500	0.057	<0.050	0.609
Lead	35	1.6	D008	5	0.640	0.919	**52.3**	4.01	**11.4**	1.63	<0.400	**11.8**
Mercury	35	ND	D009	0.2	<0.0008	<0.0008	<0.10	<0.100	<0.10	<0.0008	<0.0008	<0.0008
Selenium	35	ND	D010	1	<0.750	<0.750	<0.45	<0.45	<0.45	<0.750	<0.750	<0.750
Silver	35	ND	D011	5	<0.050	<0.050	<0.500	<0.500	<0.500	<0.050	<0.050	<0.050
Misc												
Flash Point	32	153	D001	140	172	143	>200	152	156	**130**	**138**	**138**
pH	35	7.84	D002	2-12.5	8.6	7.23	8.05	7.06	6.27	7.77	10.05	8.50
VOA												
1,1-Dichloroethylene	35	ND	D029	0.7	<0.20	<0.20	<2.0	<1.6	<2.0	<0.20	<0.20	<0.20
1,2-Dichloroethane	35	ND	D028	0.5	<0.20	<0.20	<1.0	<0.80	<1.0	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	34	ND	D027	7.5	<0.20	<0.20	<2.5	2.7	<2.5	<0.20	<0.20	<0.20
Benzene	35	ND	D018	0.5	<0.20	<0.20	**1.1**	**1.5**	**4.4**	<0.20	<0.20	<0.20
Carbon Tetrachloride	35	ND	D019	0.5	<0.20	<0.20	<1.0	<0.80	<1.0	<0.20	<0.20	<0.20
Chlorobenzene	35	ND	D021	100	<0.20	<0.20	<1.0	<0.80	<1.0	<0.20	<0.20	<0.20
Chloroform	35	ND	D022	6	<0.20	<0.20	<1.0	<0.80	<1.0	<0.20	<0.20	<0.20
Methyl Ethyl Ketone	35	0.839	D035	200	<0.50	<0.50	<2.5	<2.0	140	<0.50	0.72	<0.50
Tetrachloroethylene	35	5.177	D039	0.7	0.243	0.232	**1.7**	**1880**	**1160**	**2.561**	**0.774**	**5.177**
Trichloroethylene	35	ND	D040	0.5	<0.20	<0.20	<1.0	**7.6**	**132**	<0.20	0.209	0.436
Vinyl Chloride	35	ND	D043	0.2	<0.14	<0.14	<0.75	<0.60	<0.75	<0.14	<0.14	<0.14

PWS Tank Bottoms

				Sample Number	2098618	2106938	2114605	2131239	2136296	2144465	9905718	9917970
				Year	2001	2001	2001	2002	2002	2002	1999	1999
Analysis	**Number of Samples**	**90 UCL for the 50th Percentile**	**Waste Code**	**Reg Limit**	Cohoes,NY	Grand Island,NE	Sioux Falls,SD	Los Angeles,CA	Denton,TX	Macon,GA	Denton,TX	Columbus,GA
BNA												
2,4,5-Trichlorophenol	35	ND	D041	400	<0.15	<0.15	<0.15	<0.75	<300	<0.15	<200	<14.93
2,4,6-Trichlorophenol	35	ND	D042	2	<0.15	<0.15	<0.15	<0.75	<300	<0.15	<300	<22.0964
2,4-Dinitrotoluene	35	0.059	D030	0.13	<0.020	<0.020	<0.020	<0.10	<40	<0.020	<130	<9.92845
2-Methylphenol	35	ND	D023	200	<10.0	<10.0	<10.0	<50	<400	<10.0	<200	<14.55675
3+4-Methylphenol	35	ND	D024/25	200	<10.0	<10.0	<10.0	<50	<400	<10.0	<260	<19.1104
Hexachlorobenzene	35	ND	D032	0.13	<0.020	<0.020	<0.020	<0.10	<40	<0.020	<220	<16.5723
Hexachlorobutadiene	35	ND	D033	0.5	<0.10	<0.050	<0.10	<0.50	<100	<0.050	<230	<16.8709
Hexachloroethane	35	ND	D034	3	<0.10	<0.10	<0.10	<0.50	<200	<0.10	<200	<14.85535
Nitrobenzene	35	ND	D036	2	<0.10	<0.10	<0.10	<0.50	<200	<0.10	<190	<14.40745
Pentachlorophenol	35	ND	D037	100	<0.26	<0.26	<0.26	<1.3	<520	<0.26	<470	<35.16015
Pyridine	35	ND	D038	5	<0.25	<0.25	<0.25	<1.3	<500	<0.25	<590	<43.8942
METALS												
Arsenic	35	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<5.00	<0.815
Barium	35	ND	D005	100	1.59	0.977	1	2.50	53.4	1.75	20.6	1.638
Cadmium	35	0.628	D006	1	0.155	<0.050	0.628	0.473	**11.1**	0.366	**2.31**	0.401
Chromium	35	ND	D007	5	<0.050	0.245	<0.050	0.080	**13.3**	<0.050	1.54	0.162
Lead	35	1.6	D008	5	1.00	<0.400	<0.400	0.413	**181**	<0.400	**55.1**	**52.193**
Mercury	35	ND	D009	0.2	<0.0008	<0.0008	<0.0008	<0.0008	0.043	<0.0008	<0.100	<0.007744
Selenium	35	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<0.015	<0.750	<0.452	<0.729
Silver	35	ND	D011	5	<0.050	<0.050	<0.050	<0.050	1.01	<0.050	<0.500	<0.0815
Misc												
Flash Point	32	153	D001	140	>200	153	146	>200	>200	167	191	>200
pH	35	7.84	D002	2-12.5	6.94	7.84	7.66	10.45	7.90	7.10	8.78	5.45
VOA												
1,1-Dichloroethylene	35	ND	D029	0.7	<0.20	<0.20	<0.20	<0.10	<0.80	<0.20	<2.0	<0.39
1,2-Dichloroethane	35	ND	D028	0.5	<0.20	<0.20	<0.20	<0.10	<0.40	<0.20	<2.0	<0.29
1,4-Dichlorobenzene	34	ND	D027	7.5	<0.20	<0.20	<0.20	<0.10	<1.0	<0.20	3.662	<0.44
Benzene	35	ND	D018	0.5	<0.20	<0.20	<0.20	<0.10	<0.40	<0.20	<5.0	0.365
Carbon Tetrachloride	35	ND	D019	0.5	<0.20	<0.20	<0.20	<0.10	<0.40	<0.20	<2.0	<0.29
Chlorobenzene	35	ND	D021	100	<0.20	<0.20	<0.20	<0.10	<0.40	<0.20	<2.0	<0.29
Chloroform	35	ND	D022	6	<0.20	<0.20	<0.20	<0.10	<0.40	<0.20	<2.0	<0.29
Methyl Ethyl Ketone	35	0.839	D035	200	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<10.0	0.839
Tetrachloroethylene	35	5.177	D039	0.7	<0.20	0.631	**1.714**	**8**	<0.40	0.2	**3.023**	**26.79**
Trichloroethylene	35	ND	D040	0.5	<0.20	<0.20	<0.20	**11.5**	<0.40	<0.20	<2.0	**1.721**
Vinyl Chloride	35	ND	D043	0.2	<0.14	<0.14	<0.14	<0.10	<0.30	<0.14	<2.0	<0.208

PWS Tank Bottoms

			Sample Number		9918376	9929859	9930620	9941313	C2J010135001	C2J040351001	C2J150155001	C2J150155001R2
				Year	1999	1999	1999	1999	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Macon,GA	Bismarck,ND	Sioux Falls,SD	Avon,NY	Clackamas,OR	Grand Island,NE	Avon,NY	Avon,NY
BNA												
2,4,5-Trichlorophenol	35	ND	D041	400	<1.0	<0.10	<0.10	<0.10	<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
2,4,6-Trichlorophenol	35	ND	D042	2	<1.5	<0.15	<0.15	<0.15	<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
2,4-Dinitrotoluene	35	0.059	D030	0.13	<0.67	<0.067	<0.067	<0.067	<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
2-Methylphenol	35	ND	D023	200	<0.98	<0.098	0.174	0.444	0.4	0.079	0.2	
3+4-Methylphenol	35	ND	D024/25	200	<1.3	<0.13	0.607	0.53	0.14	0.14	1.3	
Hexachlorobenzene	35	ND	D032	0.13	<1.1	<0.11	<0.11	<0.11	<<<<<0.05	<<<<<<0.05	<<<<<<0.025	
Hexachlorobutadiene	35	ND	D033	0.5	<1.1	<0.11	<0.11	<0.11	<<<<<0.05	<<<<<<0.05	<<<<<<0.1	
Hexachloroethane	35	ND	D034	3	<1.00	<0.10	<0.10	<0.10	<<<<<0.05	<<<<<<0.05	<<<<<<1	
Nitrobenzene	35	ND	D036	2	<0.97	<0.097	<0.097	<0.097	<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
Pentachlorophenol	35	ND	D037	100	<2.4	<0.24	<0.24	<0.24	<<<<<3	<<<<<<3	<<<<<<3	
Pyridine	35	ND	D038	5	<2.9	<0.29	<0.29	<0.29	<<<<<0.05	<<<<<<0.05	<<<<<<0.05	
METALS												
Arsenic	35	ND	D004	5	<0.500	<0.500	<0.500	<0.500	<<<<<1	<<<<<<1	<<<<<<1	
Barium	35	ND	D005	100	2.21	0.937	0.863	6.06	<<<<<20	<<<<<<20	**103**	
Cadmium	35	0.628	D006	1	0.189	**1.01**	**1.03**	0.417	**1.8**	<<<<<<0.5	**2.3**	
Chromium	35	ND	D007	5	<0.050	<0.050	<0.050	<0.050	<<<<<0.5	<<<<<<0.5	**18.2**	
Lead	35	1.6	D008	5	0.443	0.781	0.449	1.24	1.6	1.5	**75.2**	
Mercury	35	ND	D009	0.2	<0.0008	0.0009	0.0008	<0.0008	<<<<<0.033	<<<<<<0.033	<<<<<<0.033	
Selenium	35	ND	D010	1	<0.750	<0.750	<0.750	<0.750	<<<<<0.5	<<<<<<0.5	<<<<<<0.5	
Silver	35	ND	D011	5	<0.050	<0.050	<0.050	<0.050	<<<<<0.5	<<<<<<0.5	3.4	
Misc												
Flash Point	32	153	D001	140	>200	170	170	>200	143	156	145	
pH	35	7.84	D002	2-12.5	6.59	8.53	7.76	8.27	7.7	7.6	8	
VOA												
1,1-Dichloroethylene	35	ND	D029	0.7	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<0.5		<<<<<<10
1,2-Dichloroethane	35	ND	D028	0.5	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<0.5		<<<<<<10
1,4-Dichlorobenzene	34	ND	D027	7.5	<0.20	<2.0	<0.20	<0.20		<<<<<<0.5		<<<<<<10
Benzene	35	ND	D018	0.5	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<0.5		<<<<<<10
Carbon Tetrachloride	35	ND	D019	0.5	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<0.5		<<<<<<10
Chlorobenzene	35	ND	D021	100	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<0.5		<<<<<<10
Chloroform	35	ND	D022	6	<0.20	<2.0	<0.20	<0.20	<<<<<2.5	<<<<<<2		<<<<<<40
Methyl Ethyl Ketone	35	0.839	D035	200	<0.50	<5.0	<0.50	<0.50	<<<<<2.5	<<<<<<0.5		<<<<<<10
Tetrachloroethylene	35	5.177	D039	0.7	**3.73**	**7.7**	0.43	0.48	<<<<<2.5	**43**		**710**
Trichloroethylene	35	ND	D040	0.5	0.27	<2.0	<0.20	0.33	<<<<<2.5	**0.89**		**45**
Vinyl Chloride	35	ND	D043	0.2	<0.14	<1.4	<0.14	<0.14	<<<<<5	<<<<<<0.2		<<<<<<4

PWS Tank Bottoms

				Sample Number	C2J170116001	C2K010364001	C2K010364001R2	C2K060113001	C2K060321002	C2K060321002R2	C2L030249001
				Year	2002	2002	2002	2002	2002	2002	2002
Analysis	Number of Samples	90 UCL for the 50th Percentile	Waste Code	Reg Limit	Syracuse,NY	Cohoes,NY	Cohoes,NY	Salt Lake City,UT	No_ Amityville,NY	No_ Amityville,NY	Omaha,NE
BNA											
2,4,5-Trichlorophenol	35	ND	D041	400	<<<<<<0.05	<<<<<<0.05		<<<<<<2	<<<<<<0.05		<0.5
2,4,6-Trichlorophenol	35	ND	D042	2	<<<<<<0.05	<<<<<<0.05		<<<<<<2	<<<<<<0.05		<0.5
2,4-Dinitrotoluene	35	0.059	D030	0.13	<<<<<<0.05	<<<<<<0.05		<<<<<<2	0.059		<0.5
2-Methylphenol	35	ND	D023	200	0.29	0.43		<<<<<<2	2.3		<0.5
3+4-Methylphenol	35	ND	D024/25	200	0.44	0.67		<<<<<<2	2.9		0.7
Hexachlorobenzene	35	ND	D032	0.13	<<<<<<0.05	<<<<<<0.025		<<<<<<2	<<<<<<0.025		<0.5
Hexachlorobutadiene	35	ND	D033	0.5	<<<<<<0.05	<<<<<<0.1		<<<<<<2	<<<<<<0.1		<0.5
Hexachloroethane	35	ND	D034	3	<<<<<<0.05	<<<<<<1		<<<<<<2	<<<<<<1		<0.5
Nitrobenzene	35	ND	D036	2	<<<<<<0.05	<<<<<<0.05		<<<<<<2	<<<<<<0.05		<0.5
Pentachlorophenol	35	ND	D037	100	<<<<<<3	<<<<<<3		<<<<<<10	<<<<<<3		<2.5
Pyridine	35	ND	D038	5	<<<<<<0.05	<<<<<<0.05		<<<<<<4	0.11		<1
METALS											
Arsenic	35	ND	D004	5	<<<<<<1	<<<<<<1		<<<<<<0.5	<<<<<<1		<0.5
Barium	35	ND	D005	100	<<<<<<20	<<<<<<20		<<<<<<10	<<<<<<20		<10
Cadmium	35	0.628	D006	1	<<<<<<0.5	<<<<<<0.5		0.64	<<<<<<0.5		0.34
Chromium	35	ND	D007	5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<0.5
Lead	35	1.6	D008	5	0.77	0.62		0.8	2.5		0.86
Mercury	35	ND	D009	0.2	<<<<<<0.033	<<<<<<0.033		0.0015	<<<<<<0.033		<0.0002
Selenium	35	ND	D010	1	<<<<<<0.5	<<<<<<0.5		<<<<<<0.25	<<<<<<0.5		<0.25
Silver	35	ND	D011	5	<<<<<<0.5	<<<<<<0.5		<<<<<<0.5	<<<<<<0.5		<0.5
Misc											
Flash Point	32	153	D001	140	163	156					
pH	35	7.84	D002	2-12.5	7.7	7.4		8.8			8
VOA											
1,1-Dichloroethylene	35	ND	D029	0.7	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
1,2-Dichloroethane	35	ND	D028	0.5	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
1,4-Dichlorobenzene	34	ND	D027	7.5	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
Benzene	35	ND	D018	0.5	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
Carbon Tetrachloride	35	ND	D019	0.5	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
Chlorobenzene	35	ND	D021	100	<<<<<<0.5		<<<<<<20	<<<<<<0.05		<<<<<<25	<0.05
Chloroform	35	ND	D022	6	<<<<<<2		<<<<<<80	<<<<<<0.05		<<<<<<100	<0.05
Methyl Ethyl Ketone	35	0.839	D035	200	<<<<<<0.5		<<<<<<20	0.22		<<<<<<25	0.31
Tetrachloroethylene	35	5.177	D039	0.7	**15**		**710**	0.29		**3000**	**1.3**
Trichloroethylene	35	ND	D040	0.5	**2.3**		<<<<<<20	0.097		**110**	0.35
Vinyl Chloride	35	ND	D043	0.2	<<<<<<0.2		<<<<<<8	<<<<<<0.05		<<<<<<10	<0.05

DR

2003 ANNUAL RECHARACTERIZATION WASTE CODES

National Waste Code Assignment

WASTE STREAMS	WASTE CODE CHANGES - NATIONAL			Utah	Minnesota	Texas		California
General Description	**2002 Federal Waste Codes (From 2001 Data)**	**2003 Federal Waste Codes (From 2002 Data)**	**Changes from 2002 to 2003**	**UT 2003 FWC**	**MN 2003 FWC**	**TX Waste Code (Instate)**	**TX Waste Code (out of state)**	**2003 CA Waste Codes**
Aqueous Brake Cleaner	D039	D039	No Change	Nat'l	Nat'l	0839102H	OUTS102H	134
Branch Contaminated Debris	F001, F002, F003, F005, D001, D006, D007, D008, D011,D018, D022, D027, D028, D035, D039, D040	F001, F002, F003, F005, D001, D006, D007, D008, D011,D018, D022, D027, D028, D035, D036, D038, D039, D040	**Add D036 (nitrobenzene), D038 (pyridine)**	Nat'l	Nat'l	1827409H 1736319H	OUTS409H OUTS319H	741 (L) 751 (S)
Immersion Cleaner (IC 699)	D006, D008, D018, D027, D039, D040	D006, D008, D018, D027, D038, D039, D040	**Add D038 (pyridine)**	Nat'l + D007	Nat'l	0566203H	OUTS203H	741
Parts Washer Solvent 105 Recycled	D001, D018, D039, D040	D001, D018, D039, D040	No Change	Nat'l + D008	Nat'l + D008	0501203H	OUTS203H	741
Parts Washer Solvents (Bulked) / Combination of 105 and 150 (Aqueous, where applicable)	D001, D018, D039, D040	D001, D018, D039, D040	No Change	Nat'l	Nat'l + D008	0501203H	OUTS203H	741
Parts Washer Solvent Sludge/Dumpster Mud	D001, D039	D001, D039	No Change	Nat'l + D006, D008, D018, D040	Nat'l	0527695H	OUTS695H	741
Parts Washer Solvent Tank Bottoms (bulk)[1]	D039	D039, D040	**Add D040 (Trichloroethylene)**	Nat'l	Nat'l	0527695H	OUTS695H	741
Parts Washer Solvent 150	D039	D039	No Change	Nat'l	Nat'l + D008, D018, D040	0501203H	OUTS203H	213
Paint Gun Cleaner (SK)	F005, F003, D001, D018, D035, D039, D040	F003, F005, D001, D018, D035, D038, D039, D040	**Add D038 (pyridine)**	Nat'l + D007, D008	Nat'l	0523211H	OUTS211H	212
Paint Waste Other	F005, F003, D001, D018, D035, D039, D040	F003, F005, D001, D018, D035, D036, D038, D039, D040	**Add D036 (nitrobenzene), D038 (pyridine)**	Nat'l + D005, D007, D008	Nat'l	0523211H	OUTS211H	212
Dry Cleaner (Perc) Bottoms	F002, D007, D039, D040	F002, D007, D039, D040	No Change	Nat'l	Nat'l	0506609H	OUTS609H	741
Dry Cleaner (Perc) Filter Powder	F002, D039	F002, D039	No Change	Nat'l	Nat'l	0906310H	OUTS310H	751
Dry Cleaning Naphtha (Mineral Spirits)	D001, D039	D001, D039	No Change	Nat'l	Nat'l	0569609H	OUTS609H	741

UNDERLYING HAZARDOUS CONSTITUENTS FOR 2003
(Based on Analytical Data from 2002 and Previous Years)

General Description	Aqueous Brake Cleaner	Branch Contaminated Debris	Immersion Cleaner (IC 699)	Parts Washer Solvent 105 Recycled	Parts Washer Solvents (Bulked) / Combination of 105 and 150 (Aqueous, where applicable)	Parts Washer Solvent Sludge/Dumpster Mud	Parts Washer Solvent Tank Bottoms (bulk)[1]
Underlying Hazardous Constituents	cadmium	1,1-dichloroethylene	2,4,5-trichlorophenol	2,4,6-trichlorophenol	1,4-dichlorobenzene	cadmium	2,4,5-trichlorophenol
	chromium	2,4,5-trichlorophenol	2,4,6-trichlorophenol	cadmium	2,4,5-trichlorophenol	chromium	2,4,6-trichlorophenol
	lead	2,4,6-trichlorophenol	chlorobenzene	chloroform	2,4,6-trichlorophenol	lead	cadmium
	mercury	acetone	chromium	chromium	cadmium	m-cresol	chromium
	silver	barium	m-cresol	lead	chlorobenzene	o-cresol	hexachlorobutadiene
	trichloroethylene	carbon tetrachloride	mercury	m-cresol	hexachlorobutadiene	silver	lead
		chlorobenzene	methyl ethyl ketone	mercury	lead	trichloroethylene	m-cresol
		hexachlorobutadiene	nitrobenzene	p-cresol	m-cresol		o-cresol
		hexachloroethane	o-cresol	silver	mercury		pentachlorophenol
		m-cresol	p-cresol		o-cresol		pyridine
		mercury	silver		pentachlorophenol		silver
		methyl isobutyl ketone			silver		
		o-cresol					
		p-cresol					
		pentachlorophenol					
		toluene					
		vinyl chloride					
		xylenes					

*** If the codes for pyridine (D038) or nitrobenzene (D036) get added to these wastestreams, then remove these compounds from the UHC list for this wastestream.**

UNDERLYING HAZARDOUS CONSTITUENTS FOR 2003
(Based on Analytical Data from 2002 and Previous Years)

General Description	Parts Washer Solvent 150	Paint Gun Cleaner (SK)	Paint Waste Other	Dry Cleaner (Perc) Bottoms	Dry Cleaner (Perc) Filter Powder	Dry Cleaning Naphtha (Mineral Spirits)
Underlying Hazardous Constituents	benzene	2,4,5-trichlorophenol	1,1-dichloroethylene	1,1-dichloroethylene	carbon tetrachloride	cadmium
	cadmium	1,4-dichlorobenzene	1,2-dichloroethane	1,4-dichlorobenzene	chloroform	chromium
	chlorobenzene	2,4,6-trichlorophenol	1,4-dichlorobenzene	2,4,5-trichlorophenol	chromium	lead
	chromium	acetone	2,4,5-trichlorophenol	2,4,6-trichlorophenol	mercury	methyl ethyl ketone
	lead	cadmium	2,4,6-trichlorophenol	benzene	trichloroethylene	
	m-cresol	chloroform	acetone	cadmium		
	mercury	chromium	barium	chlorobenzene		
	o-cresol	hexachlorobenzene	cadmium	chloroform		
	silver	hexachlorobutadiene	carbon tetrachloride	hexachlorobenzene		
	trichloroethylene	hexachloroethane	chlorobenzene	hexachlorobutadiene		
		lead	chloroform	hexachloroethane		
		m-cresol	chromium	lead		
		mercury	hexachlorobenzene	m-cresol		
		methyl isobutyl ketone	hexachlorobutadiene	mercury		
		nitrobenzene	hexachloroethane	methyl ethyl ketone		
		o-cresol	lead	nitrobenzene		
		p-cresol	m-cresol	o-cresol		
		pentachlorophenol	mercury	p-cresol		
		silver	methyl isobutyl ketone	pentachlorophenol		
		toluene	o-cresol	pyridine		
		xylenes	p-cresol	silver		
			pentachlorophenol			
			silver			
			toluene			
			vinyl chloride			
			xylenes			

*** If the codes for pyridine (D038**
remove these compounds from t

Annual Recharacterization Procedure

OPERATIONS

Division/Department:	Corporate Compliance Administration
Contact:	Dan Appelt 847-468-3274
Governing Policy:	
Procedure:	O510-001
Revision:	10
Revision Date:	**1/28/03**
Issue Date:	12/22/94
Page:	1 of 10
Approved:	Bill Ross

Purpose:

This procedure gives the Branches, Distribution, Accumulation, and Operation Centers notice and instructions for implementing the new waste codes assigned through the Annual Recharacterization of Safety-Kleen Hazardous Core Waste Streams.

These changed go into effect February 16, 2003, week 8.

Scope:

This procedure applies to all Safety-Kleen Branches, Distribution, Accumulation, and Operation Centers in the U.S. This procedure does **not** apply to pre-qualified waste streams

Responsibilities:

Branch/Facility Manager

Responsible for ensuring that all paperwork with old waste codes are removed from circulation and properly disposed of. The Facility Manager should also anticipate any customer reactions to changes in the waste codes and prepare the sales force (Managers, Administrative Staff, Sales Representatives) in advance. This may be done through training.

Administrative Staff

Responsible for ensuring that pre-prints, labels, LDRs and manifests processed after the AR effective date have the appropriate codes on them. If not, administrative personnel should contact their manager for further instructions. The Administrative Staff should also check the date when a container number was created when requesting labels and tags to make sure they contain the correct waste description and corresponding waste codes. (See Attachment B).

Regional Manager Responsible for ensuring that Branches have complied with this procedure.

Environment, Health, and Safety Managers Responsible for updating the Annual Recharacterization sampling database whenever waste analysis requirements change; reviewing new waste code assignments and modify permits as necessary; and ensuring that all appropriate facility and customer notifications are filed. Responsible for reviewing waste code changes during their first visits to facilities after the AR effective date.

Sales and Service Representatives Should be prepared for customer concerns and questions. Responsible for ensuring that all old paperwork with old waste codes are returned to either the Administrative Staff or Managers. SSRs should keep a copy of Attachment B (Attachment C for Minnesota and Attachment D for Utah) and use it as a guideline to ensure that all paperwork, labels and tags reflects the proper waste descriptions and waste codes.

Definitions:

Annual Recharacterization Every year Safety-Kleen samples and analyzes certain Hazardous Core Waste Streams. These Core Waste Streams are analyzed and the results subjected to statistical review to determine any changes from the previous year. Waste codes and treatment standards may be altered if the characteristics of the waste change.

Container Numbers A unique number generated for each container of waste associated with a sale/service document, based on the SK DOT number and the service being performed. Depending on whether or not the waste is manifested, the system will search one of two files to make sure the appropriate information is used when logging waste in and out of a facility.

NOTE: Due to the uniqueness of container numbers, it is very important <u>not</u> to use labels/tags assigned to one customer for another customer. Use On Demand Labels to produce Blank Generator labels for the Sales Reps use.

Hazardous Core Waste Stream Hazardous core waste streams are generally those waste streams that do not require separate analysis (pre-qualified waste) or do not qualify under a Generic Profile. These are for 2003: Aqueous Brake Cleaner, Branch Contaminated Debris, Immersion Cleaner, Parts Washer Solvent 105, Bulked Parts Washer solvent, Parts Washer Solvent Dumpster Sludge, Parts Washer Solvent Tank Bottoms, Parts Washer Solvent 150, Paint Gun Cleaner, Paint Waste Other, Dry Cleaner Bottoms (Perc), Dry Cleaner Filter Powder (Perc), Dry Cleaning Naphtha.

SK DOT Numbers Numbers assigned by Safety-Kleen to a certain waste description that includes waste codes. This number allows the SK computer system to access the waste description and codes in order to print them on service

	documents, labels, manifests and lists them in our periodic reports.
UHCs	Underlying Hazardous Constituents. These are constituents found in the Hazardous Core Waste Streams that are not present at levels high enough to indicate the addition of a waste code but do require inclusion as UHCs for land disposal restriction purposes.
Waste Codes Added/ Deleted	Waste codes are added or deleted if the Annual Recharacterization process indicates that these codes are needed or not necessary. Changes in the Waste Code will result in the issuance of new SK DOT numbers.

Attachments:

Customer Notification Letter (Attachment A)	A letter that can be distributed to Safety-Kleen customers explaining the changes made in some of our Core Waste descriptions due to the Annual Recharacterization process and why the changes were made.
2003 Waste Code Chart - National (Attachment B)	This chart indicates which waste streams changed from 2002 to 2003. This chart also indicates the changes within those affected waste streams. For 2003, it is necessary to add or delete waste codes and use the appropriate **new** SK DOTs. Branches in **Minnesota** and **Utah** will be receiving a slightly different version of this chart, due to those states' specific testing requirements. Branches in California and Kansas will use this chart. **Note: There are changes for 2003 on a national level.**
2003 Waste Code Chart - Minnesota (Attachment C)	This chart indicates which waste streams changed from 2002 to 2003 for **Minnesota**. This chart also indicates the changes within those affected waste streams. For 2003, it is necessary to add or delete waste codes and use the appropriate **new** SK DOTs.
2002 Waste Code Chart - Utah (Attachment D)	This chart indicates which waste streams changed from 2002 to 2003 for **Utah**. This chart also indicates the changes within those affected waste streams. For 2003, it is necessary to add or delete waste codes and use the appropriate **new** SK DOTs.

Overview:

Safety-Kleen evaluates and changes (as necessary) waste codes for Hazardous Core Waste Streams as part of the Annual Recharacterization process each year. Waste codes are added or deleted according to the results of the analyses done the preceding year. Safety-Kleen examines those waste streams that are part of the closed loop system, some core business waste streams that are not part of the closed loop system (such as Aqueous and Special Markets), and certain Facility generated waste steams. The codes determined to be applicable by the Annual Recharacterization process MUST be used by all customers unless the customer can provide the analytical data demonstrating the inapplicability of these codes (see BOG O0320-003)

The following steps are taken to re-characterize the waste streams:

1. The EHS Administration Department, in coordination with the Technical Center, will identify the Safety-Kleen waste streams that need to be sampled and will have sample kits sent to various branches and other facilities in the U.S.
2. Facility Managers or their designees, properly trained to take samples, will obtain the samples that will be sent to the appropriate Technical Center approved laboratory for analysis. EHS Managers may elect to assist with this process but are not required to do so.
3. The Technical Center will publish preliminary results for review by the Annual Recharacterization Team, which represents appropriate Safety-Kleen departments. Preliminary results include the appropriate codes and UHCs for each affected Hazardous Core Waste Stream.
4. Official Annual Recharacterization results will be released.
5. The EHS Administration Department and the Information Technology Department will modify SK DOT numbers and shipping descriptions as necessary. BAP scheduling will produce pre-prints, LDRs, Labels, Tags and Manifests when the changes become effective.
6. Branches, D/Cs, A/Cs and R/Cs will be notified of any new changes in procedures with:
   - a revision of this procedure, or
   - publication of a new procedure, or
   - a correspondence to all facilities.
7. Branches will also receive instructions for informing their customers of any changes made to waste streams. A template letter for notifying customers is included in this procedure (See Attachment A) and the national SK DOTs are found in Attachment B.

These changes go into effect week 8 or February 16, 2003.

Procedures:

Branches must make sure the following is in place for the SK DOTs that have changed from 2002.

1. For Waste Codes that have changed (See Attachments B, C and D), make sure that all Service Documents (Pre-prints, Manual or Placement Documents), LDRs, Labels, Tags, and Manifests that have the old waste codes are destroyed and replaced with those having the new waste codes **AFTER** February 16. All extra Service Documents, LDRs, Labels, Tags and Manifests located in Sales or Service representative's truck or in customer files, with the old waste codes, **must** be destroyed. Replace the old paperwork with up to date (new) Service Documents, LDRs, Labels, Tags and Manifest with the new waste codes at the beginning the new year.
2. Any container numbers generated by the BAP System prior to the new SK DOT numbers should **not** be used. Old container numbers remain in the system for a while and can be accessed periodically.

New Container Numbers. If a new container number is created, make sure the Material Handler re-labels the drum with a label re-created through screen **MA55**, with the correct SK DOT number and correct waste descriptions.

Pull Ahead Services

All services performed prior to week 8 should use the old waste codes and SK DOT numbers. All service documents on these "work ahead" services should be carefully checked and corrected to use the 2003 waste codes and SK DOT numbers. **For any "work ahead" services originally scheduled after the start of week 8 but serviced prior to week 8, it is recommended to use the On Demand System to generate the paperwork and void the new 2003 documents to ensure the proper waste descriptions and waste codes are present.**

Delayed Services

All services performed after the start of week 8 2003 should use the new (2003) waste codes and SK DOT numbers. This includes services originally scheduled prior to week 8 but delayed until after the start of week 8. All service documents on these "delayed" services should be carefully checked and corrected to use the 2003 waste codes and SK DOT numbers. **For any "delayed" services originally scheduled prior to week 8 but serviced after the start of week 8, it is recommended to use the On Demand System to generate the paperwork and void the old documents to ensure the proper waste descriptions and waste codes are present.**

Customer Specific SK DOTs

Annual Recharacterization waste code and SK DOT number changes **do not** apply to customers who are using customer-specific SK DOT numbers that are based on analysis (FRS sampling, TCLP analysis, Solvent Screening, etc.) and previously reviewed by the Tech Center and your EHS Manager.

Containers in Transit

Any waste containers in transit prior to week 8 2003 shall use the old waste codes throughout the Safety-Kleen system. Do not change the waste codes for waste in transit that were originally picked up prior to week 8 but reach their final destination after the start of week 8.

Record Retention

Once you receive the final Annual Recharacterization results package, replace the previous year's material with the new data. It must be filed in the file #1160 of the 999 file. Refer to Records Retention Policy to determine how long the old Annual Recharacterization results package shall be retained.

California, Minnesota and Utah Requirements

California

Waste shipped from or into California will follow the National Recharacterization for 2003 (See Attachment B). Additional CA specific waste codes are required and are listed in the shaded column found to the right of the chart. These codes only apply to California.

Minnesota

For those Waste streams that are **generated** or **received** at a facility in the State of Minnesota, whether it is a customer or Safety-Kleen location, you must follow the Annual Recharacterization Chart found in Attachment C. Consult with your Environmental Compliance Manager for further explanation.

Utah

For those Waste streams that are **generated** or **received** at a facility in the State of Utah, whether it is a customer or Safety-Kleen location, you must follow the Annual Recharacterization Chart found in Attachment D. Consult with your Environmental Compliance Manager for further explanation.

ATTACHMENT A - Customer Notification Letter

Year 2003 Annual Waste Recharacterization

Dear Customer,

Attached are the Year 2003 waste descriptions based on the Annual Waste Recharacterization for the waste streams Safety-Kleen manages as Hazardous Core Waste Streams. This data reflects the waste codes that we normally find in the management of these industry specific waste streams. The purpose of this memo is to clarify the reasoning behind our use of waste codes and the Annual Recharacterization process.

Under the hazardous waste management regulations, it is the generator's responsibility to describe hazardous waste prior to sending that waste for treatment or disposal. Safety-Kleen does not accept this responsibility on behalf of the generator. Once a waste stream is terminated at one of our facilities, however, Safety-Kleen does assume the generator's responsibility of that waste. In addition, because Safety-Kleen handles the same waste stream from many thousands of customers, we are able to provide those customers with information about the typical characteristics of their waste, which they can use as "Generator knowledge" in assigning waste codes.

This year, the quantitative analyses of the samples and statistical analyses of the resultant data in the Annual Recharacterization have determined that waste codes be added or removed from certain waste streams. These waste code changes are included in the Annual Recharacterization based on the frequency at which they were detected at regulated levels in the analytical data.

If a generator chooses to use Safety-Kleen's Annual Recharacterization analysis as knowledge of its process, and uses a service that is consistent with the Recharacterization, then we accept the waste for termination as is. Safety-Kleen Technical Center personnel will, however, have to approve customer specific waste codes, if a generator chooses to use its own knowledge of its process to identify which waste codes are attached to the waste. Laboratory analytical data will be required to remove codes determined by the Annual Recharacterization process. It is also highly recommended that the generator be able to back up any claims when inspected by a governing agency.

To offer the generator analytical data to back up their claim on which waste codes they feel should be attached to their solvent, Safety-Kleen has introduced cost effective services to screen many waste streams for typical waste codes found in the stream. This service is for customers that do not wish to use Safety-Kleen's Annual Recharacterization as a part of their generator knowledge. Waste codes can be removed from the paperwork if a certain code (or codes) is not found to be present and the generator has adequate analyses to back up the claim.

Attached to this letter you will find the waste code descriptions that will be used in Year 2003 based on Safety-Kleen's Annual Recharacterization. Should you have any questions, please call the Branch Manager at the phone number listed on your service document. Thank you for trusting Safety-Kleen, the *We Care* Company, as your partner in waste management.

ATTACHMENT B - Annual Recharacterization Waste Codes Chart Form

2003 ANNUAL RECHARACTERIZATION WASTE CODES
FINAL WASTE CODE ASSIGNMENT EXCLUDING MN**** and UT****

WASTE STREAMS		WASTE CODE CHANGES - NATIONAL				California
2002 SKDOT #	General Description	2002 Federal Waste Codes (From 2001 Data)	2003 Federal Waste Codes (From 2002 Data)	Waste Code Changes from 2002 to 2003	2003 NATIONAL SKDOT #	2003 CA Waste Codes
839	Aqueous Brake Cleaner	D039	D039	No Changes	839	134
11478 (L) 11479 (S) 14480 (LIQ AND SOLID MIX)	Branch Contaminated Debris	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D039, D040	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D036, D038 D039, D040	Add D036 & D038	15555 (SOLID AND LIQ MIX) 15556 (S) 15557(L)	741 (L) 751 (S)
950	Immersion Cleaner (IC 699)	D006, D008, D018, D027, D039, D040	D006, D008, D018, D027, D038, D039, D040	Add D038	456	741
704 801(RQ)	Parts Washer Solvent 105 Recycled	D001, D018, D039, D040	D001, D018, D039, D040	No Changes	704 801(RQ)	741
11657 (Bulk)	Parts Washer Solvents (Bulked) / Combination of 105 and 150 (Aqueous, where applicable)	D001, D018, D039, D040	D001, D018, D039, D040	No Changes	11657 (Bulk)	741
11656	Parts Washer Solvent Sludge/Dumpster Mud	D001, D039	D001, D039	No Changes	11656	741
11659	Parts Washer Solvent Tank Bottoms (bulk)**	D039	D039, D040	Add D040	15000	741
717	Parts Washer Solvent 150	D039	D039	No Changes	717	213
11658 12606(RQ)	Paint Gun Cleaner (SK)	F005, F003, D001, D018, D035, D039, D040	F005, F003, D001, D018, D035, D038, D039, D040	Add D038	12800 12801(RQ - high cap)	212
11653	Paint Waste Other ***	F005, F003, D001, D018, D035, D039, D040	F005, F003, D001, D018, D035, D036, D038, D039, D040	Add D036 & D038	12674 (ANY SIZE) 12675(30) 12676(55)	212
12627	Dry Cleaner (Perc) Bottoms	F002, D007,D039, D040	F002, D007,D039, D040	No Changes	12627	741
906	Dry Cleaner (Perc) Filter Powder	F002, D039	F002, D039	No Changes	906	751
569	Dry Cleaning Naphtha (Mineral Spirits)	D001, D039	D001, D039	No Changes	569	741

** Parts washer solvent tank bottoms are SK-generated wastes from the cleanout of solvent storage tanks. Safety-Kleen does not accept this waste stream from non-SK generators.

*** This DOT is acceptable to use for any size container of paint waste.
For those states that require 30-gal paint waste to be listed separately, use SK DOT 12675;
for states that require 55-gal paint waste to be listed separately, use SK DOT 12676.

****** For Minnesota and Utah, please refer to your state specific Recharacterization Waste Codes located on Attachments C and D.**

ATTACHMENT C - Minnesota Annual Recharacterization Waste Codes Chart Form

2003 ANNUAL RECHARACTERIZATION WASTE CODES
FINAL WASTE CODE ASSIGNMENT FOR MINNESOTA

WASTE STREAMS		WASTE CODE CHANGES (semi-annual, Feb 16,03 implementation)			
MINNESOTA 2002 SKDOT #	General Description	2002 Waste Codes (From 2001 Data)	2003 Waste Codes (From 2002 Data)	Changes from 2002 to 2003	MINNESOTA 2003 SKDOT#
839	Aqueous Brake Cleaner	D039	D039	NO CHANGES	839
11478 - Liquid 11479 - Solid	Branch Contaminated Debris	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D039, D040	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D036, D038, D039, D040	ADD D036 AND D038	15555 (SOLID AND LIQ MIX) 15556 (S) 15557(L)
950	Immersion Cleaner (IC 699)	D006, D008, D018, D027, D039, D040	D006, D008, D018, D027, D038, D039, D040	ADD D038	456
705 10044(RQ)	Parts Washer Solvent 105 Recycled	D001, D008, D018, D039, D040	D001, D008, D018, D039, D040	NO CHANGES	705 10044(RQ)
11241	Parts Washer Solvent (Bulked)/Combination of 105 and 150 (aqueous, where applicable)	D001, D008, D018, D039, D040	D001, D008, D018, D039, D040	NO CHANGES	11241
11656	Parts Washer Solvent Sludge/Dumpster Mud	D001, D039	D001, D039	NO CHANGES	11656
11659	Parts Washer Solvent Tank Bottoms**	D039	D039, D040	ADD D040	15000
975	Parts Washer Solvent - 150	D008, D018, D039, D040	D008, D018, D039, D040	NO CHANGES	975
11658 12606(RQ)	Paint Gun Cleaner (SK)	F005, F003, D001, D018, D035, D039, D040	F005, F003, D001, D018, D035, D038, D039, D040	ADD D038	12800 12801(RQ - high cap)
11653	Paint Wastes Other***	F005, F003, D001, D018, D035, D039, D040	F005, F003, D001, D018, D035, D036, D038, D039, D040	ADD D036 AND D038	12674 (ANY SIZE) 12675(30) 12676(55)
12627	Dry Cleaner Bottoms (Perc)	F002, D007, D039, D040	F002, D007,D039, D040	Nat'l	12627
906	Dry Cleaner Filter Powder (Perc)	F002, D039	F002, D039	Nat'l	906
569	Dry Cleaning Naphtha (Mineral Spirits)	D001, D039	D001, D039	Nat'l	569

NO CHANGES FROM JULY 02 - JAN 03

** Parts washer solvent tank bottoms are SK-generated wastes from the cleanout of solvent storage tanks. Safety-Kleen does not accept this waste stream from non-SK generators.

*** This DOT is acceptable to use for any size container of paint waste. For those states that require 30-gal paint waste to be listed separately, use SK DOT 12675; for states that require 55-gal paint waste to be listed separately, use SK DOT 12676.

ATTACHMENT D - Utah Annual Recharacterization Waste Codes Chart Form

2003 ANNUAL RECHARACTERIZATION WASTE CODES
FINAL WASTE CODE ASSIGNMENT FOR UTAH

WASTE STREAMS		WASTE CODE CHANGES			
UTAH 2002 SKDOT#	General Description	2002 Waste Codes (From 2001 Data)	2003 Waste Codes (From 2001 Data)	Changes from 2002 to 2003	UTAH 2003 SKDOT#
839	Aqueous Brake Cleaner	D039	D039	NO CHANGES	839
11478 - Liquid 11479 - Solid	Branch Contaminated Debris	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D039, D040	F001, F002, F003, F005, D001, D006, D007, D008, D011, D018, D022, D027, D028, D035, D036, D038 D039, D040	ADD D036 AND D038	15555 (SOLID AND LIQ MIX) 15556 (S) 15557(L)
11090	Immersion Cleaner (IC 699)	D006,D007,D008,D018, D027,D039,D040	D006, D007, D008, D018, D027, D038, D039, D040	ADD D038	457
10082 10083 (RQ)	Parts Washer Solvent 105 Recycled	D001, D006, D008, D018, D027, D039, D040	D001, D008, D018, D039, D040	REMOVE D006, D027	705 10044(RQ)
11095 (Bulk)	Parts Washer Solvent (Bulked)/Combination of 105 and 150 (aqueous, where applicable)	D001, D006, D008, D018, D027, D039, D040	D001, D018, D039, D040	REMOVE D006, D008, D027	11657 (Bulk)
985	Parts Washer Solvent Sludge/Dumpster Mud	D001, D006, D008, D039, D040	D001, D006, D008, D018, D039, D040	ADD D018	12432
10085	Parts Washer Solvent Tank Bottoms**	D001, D006, D008, D039, D040	D039, D040	ADD D040	15000
975	Parts Washer Solvent - 150	D008, D018, D039, D040	D039	REMOVE D008, D018, D040	717
11003	Paint Gun Cleaner (SK)	F005, F003, D001, D007, D008, D018, D022, D028, D035, D039, D040	F005, F003, D001, D007, D008, D018, D035, D038, D039, D040	REMOVE D022, D028 ADD D038	12802 12803 (RQ)
11242	Paint Wastes Other	F005, F003, D001, D005, D007, D008, D018, D028, D035, D039,D040	F005, F003, D001, D005, D007, D008, D018, D035, D036, D038, D039, D040	REMOVE D028 ADD D036, D038	12677
12627	Dry Cleaner Bottoms (Perc)	F002, D007,D039, D040	F002, D007,D039, D040	NO CHANGES	12627
906	Dry Cleaner Filter Powder (Perc)	F002, D039	F002, D039	NO CHANGES	906
569	Dry Cleaning Naphtha (Mineral Spirits)	D001, D039	D001, D039	NO CHANGES	569

** Parts washer solvent tank bottoms are SK-generated wastes from the cleanout of solvent storage tanks. Safety-Kleen does not accept this waste stream from non-SK generators.

ATTACHMENT 3-2

SAFETY-KLEEN MSDS AND LDR FORM

MULTI-USE LACQUER THINNER

MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **MULTI-USE LACQUER THINNER**

SYNONYM(S): Not available.

PRODUCT PART NUMBERS: 6801, 16801

PRODUCT USE: Lacquer thinner.
If this product is used in combination with other products, refer to the Material Safety Data Sheets for those products.

These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.

24-HOUR EMERGENCY PHONE NUMBERS

MEDICAL:	**TRANSPORTATION (SPILL):**
1-800-752-7869	**1-800-468-1760**

SUPPLIER: Safety-Kleen Systems, Inc.
5400 Legacy Drive
Cluster II, Building 3
Plano, Texas 75024
USA
1-800-669-5740

TECHNICAL INFORMATION: 1-800-669-5740, Press 1 then Extension 7500

MSDS FORM NUMBER: 82410 **ISSUE:** December 10, 2002

ORIGINAL ISSUE: July 20, 1989 **SUPERSEDES:** September 28, 2000

PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV®			
WT%	NAME	SYNONYM	CAS NO.	TWA	STEL	TWA	STEL	LD[a]	LC[b]
0 to 50*	Methylbenzene	Toluene	108-88-3	200 ppm	300 ppm (ceiling)	50 ppm (skin)	N.Av.	636 (14.1 mL/kg[f])	49000 mg/m^3/4 hours
0 to 35*	Solvent naphtha (petroleum), light aliph.	N.Av.	64742-89-8	N.Av.	N.Av.	300[e] ppm	N.Av.	>5000 (>3160 mg/kg[f])	>73680 ppm/4 hours
10 to 30	2-Propanone; Acetone	Dimethyl ketone	67-64-1	1000 ppm	N.Av.	500 ppm	750 ppm	5800	50100 mg/m^3/8 hours
2 to 15*	2-Propanol; Isopropyl alcohol	Isopropanol	67-63-0	400 ppm	N.Av.	400[c] ppm	500[c] ppm	5045 (12800 mg/kg[f])	16000 ppm/8 hours
5 to 10*	2-Butanone	Methyl ethyl ketone; MEK	78-93-3	200 ppm	N.Av.	200 ppm	300 ppm	2737 (6480 mg/kg[f])	23500 mg/m^3/8 hours
0 to 10*	2-Methylpropyl ester acetic acid	Isobutyl acetate	110-19-0	150 ppm	N.Av.	150 ppm	N.Av.	13400 (>17400 mg/kg[f])	N.Av.
0 to 10*	Propanoic acid, 3-ethoxy-, ethyl ester	Ethyl 3-ethoxypropanoate	763-69-9	N.Av.[d]	N.Av.	N.Av.	N.Av.	4300 (>10 ml/kg[f])	1000 ppm/6 hours
2 to 5	4-methyl-2-pentanone	Methyl isobutyl ketone	108-10-1	100 ppm	N.Av.	50 ppm	75 ppm	2080 (>20 ml/kg[f])	N.Av.
0 to 5*	Dimethylbenzene; Xylene	Xylol	1330-20-7	100 ppm	N.Av.	100 ppm	150 ppm	4300 >1700 mg/kg[f])	5000 ppm/4 hours
0 to 5*	Methanol	Methyl alcohol	67-56-1	200 ppm	N.Av.	200 ppm (skin)	250 ppm	5628 (15800 mg/kg[f])	64000 ppm/4 hours

N.Av. = Not Available
*Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.

[a]Oral-Rat LD_{50} (mg/kg)

[b]Inhalation-Rat LC_{50}

[c]Notice of Intended Changes: 200 ppm TWA and 400 ppm STEL

[d]Manufacturer recommended: 50 ppm TWA and 100 ppm STEL

[e]Based on VM & P Naphtha

[f]Skin-Rabbit LD_{50}

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE
Liquid, clear and colorless, solvent odor.

DANGER!

PHYSICAL HAZARDS
Extremely flammable liquid and vapor.
Vapor may cause flash fire.

HEALTH HAZARDS
May be harmful if inhaled.
May be harmful if absorbed through skin.
May be fatal if swallowed.
May irritate the respiratory tract (nose, throat, and lungs), eyes, and skin.
Contains material which may cause birth defects.
Contains material which may cause eye, skin, blood, heart, liver, kidney, brain, and central nervous system damage.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING): High concentrations of vapor or mist may be harmful if inhaled. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of methanol vapor or mist may cause blindness. High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, irregular heartbeat, respiratory failure, sudden collapse, coma, and/or death.

EYES: May cause irritation, tearing, redness, swelling, burns, and/or damage.

SKIN: May cause irritation, burns, and/or damage. Toluene and methanol may be absorbed through the skin and cause harm as noted under **INHALATION (BREATHING)**.

INGESTION (SWALLOWING): May be fatal if swallowed. Swallowing methanol may cause blindness and/or death. May cause throat irritation, a burning sensation, nausea, abdominal spasms, diarrhea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing cardiovascular, liver, kidney, respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation may cause heart, brain, liver, kidney, and central nervous system damage; and toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis); burns, and/or damage. Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); burns, and/or damage.

CANCER INFORMATION: No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

POTENTIAL ENVIRONMENTAL EFFECTS
Not available. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

SECTION 4: FIRST AID MEASURES

INHALATION: (BREATHING) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

INGESTION: (SWALLOWING) Do NOT induce vomiting. Immediately get medical attention. Call 1-800-752-7869 for additional information.
If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Increased sensitivity of the heart to Adrenaline (epinephrine) may be caused by overexposure to product. Administration of gastric lavage if warranted, should be performed by qualified medical personnel. Treatment may vary with condition of victim and specifics of incident. Call 1-800-752-7869 for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: less than 20°F (-7°C) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 1.0 VOL% minimum (approximately)
UPPER: 36.0 VOL% maximum (approximately)

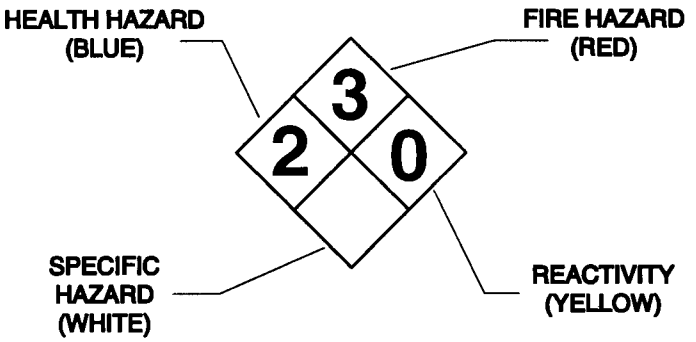
AUTOIGNITION TEMPERATURE: 711°F (377°C) minimum (approximately)

HAZARDOUS COMBUSTION PRODUCTS: Decomposition and combustion materials may be toxic. Burning may produce hydrocarbon gases, aldehydes, alcohols, organic acids, carbon monoxide, and unidentified organic compounds.

CONDITIONS OF FLAMMABILITY: Heat, sparks, or flame.

EXTINGUISHING MEDIA: Carbon dioxide, alcohol-resistant foam, dry chemical, or water spray.

NFPA 704 HAZARD IDENTIFICATION: This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS: Keep storage containers cool with water spray.
A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

FIRE AND EXPLOSION HAZARDS: Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire or explosion hazard. Heated containers may rupture, explode, or be thrown into the air. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact. Product may be sensitive to static discharge, which could result in fire or explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface waters and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see **SECTION 15: REGULATORY INFORMATION.**

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using this product.

SHIPPING AND STORING: Keep container tightly closed when not in use and during transport. Store containers below 120°F (49°C). Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORT INFORMATION** for Packing Group information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use NIOSH-certified, air-purifying respirators with organic vapor cartridges (when mists are present, also use a P- or R- series pre-filter in combination with the cartridges) when concentration of vapor or mist exceeds applicable exposure limits. Do not use N-rated respirators. Protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION: Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

SKIN PROTECTION: Where skin contact is likely, wear laminate (Ansell Edmont Barrier®, North Silver Shield®, Safety 4 4h®), or equivalent protective gloves; use of neoprene, polyvinyl chloride (PVC), natural rubber (latex), or equivalent gloves is not recommended.

To avoid prolonged or repeated contact with product where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and/or protective equipment before reuse. Discard affected clothing, shoes, and protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR:	Liquid, clear and colorless, solvent odor.
ODOR THRESHOLD:	Not available.
MOLECULAR WEIGHT:	Not applicable.
SPECIFIC GRAVITY:	0.84 (water = 1)
DENSITY:	7 LB/US gal (840 g/l)
VAPOR DENSITY:	5.0 (air = 1) maximum (approximately)
VAPOR PRESSURE:	Not available.
BOILING POINT:	Not available.
FREEZING/MELTING POINT:	Not available.
pH:	Not applicable.
EVAPORATION RATE:	Not available.
SOLUBILITY IN WATER:	Slight.
FLASH POINT:	less than 20°F (-7°C) Tag Closed Cup
FLAMMABLE LIMITS IN AIR:	**LOWER:** 1.0 VOL% minimum (approximately) **UPPER:** 36.0 VOL% minimum (approximately)
AUTOIGNITION TEMPERATURE:	711°F (377°C) minimum (approximately)

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures. Avoid heat, sparks, or flame.
INCOMPATIBILITY:	Avoid acids, alkalies, oxidizing agents, reducing agents, reactive halogens, or reactive metals.
REACTIVITY:	Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal temperatures and pressures. Also see **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS**.

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION: Based on best current information, there is no known human sensitization associated with this product.

MUTAGENICITY: Toluene, isopropanol, xylene, methanol, acetone, and methyl ethyl ketone have demonstrated experimental effects of mutagenicity.

Based on best current information, the other components listed in **SECTION 2** are not mutagens.

CARCINOGENICITY: Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Also see **SECTION 15: CALIFORNIA.**

REPRODUCTIVE TOXICITY: Toluene, isopropanol, xylene, acetone, and methanol have demonstrated animal effects of reproductive toxicity. Methyl ethyl ketone has demonstrated experimental effects of reproductive toxicity.

Based on best current information, the other components listed in **SECTION 2** are not reproductive toxicants.

Also see **SECTION 15: CALIFORNIA.**

TERATOGENICITY: Toluene has demonstrated human effects of teratogenicity. Methyl ethyl ketone, isopropanol, xylene, acetone, and methyl isobutyl ketone have demonstrated animal effects of teratogenicity.

Based on best current information, the other components listed in **SECTION 2** are not teratogens.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with this product.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: 8110 ug/L 96 hours LC_{50} Coho salmon, silver salmon (based on toluene)

OCTANOL/WATER PARTITION COEFFICIENT: Log P_{OW}= 2.73 (based on toluene)

VOLATILE ORGANIC COMPOUNDS: 70 to 85 WT%; 5 to 6 LB/US gal; 590 to 720 g/l
As per 40 CFR Part 51.100(s).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

USEPA WASTE CODE(S): D035, D001
Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

SECTION 14: TRANSPORT INFORMATION

DOT: PAINT RELATED MATERIAL, 3, UN1263, PG II

TDG: Paint Related Material, Class 3, UN1263, PG II

EMERGENCY RESPONSE GUIDE NUMBER: 127
Reference *North American Emergency Response Guidebook*

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304: Based on the ingredients listed in **SECTION 2**, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312:

This product poses the following physical and health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

SARA SECTION 313:

The following components are subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

Material	CAS
toluene	108-88-3
isopropanol	67-63-0
methyl ethyl ketone	78-93-3
methyl isobutyl ketone	108-10-1
xylene	1330-20-7
methanol	67-56-1

CERCLA:

Based on the ingredients listed in **SECTION 2**, this product contains the following "hazardous substances" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantities (RQ):

Material	CAS	RQ
toluene	108-88-3	1000 LB (450 kg)
acetone	67-64-1	5000 LB (2250 kg)
methyl ethyl ketone	78-93-3	5000 LB (2250 kg)
isobutyl acetate	110-19-0	5000 LB (2250 kg)
methyl isobutyl ketone	108-10-1	5000 LB (2250 kg)
xylene	1330-20-7	100 LB (45 kg)
methanol	67-56-1	5000 LB (2250 kg)

TSCA:

All the components of this product are listed on the TSCA Inventory.

CALIFORNIA:

This product may contain detectable amounts of benzene CAS 71-43-2 and methylene chloride CAS 75-09-2. WARNING: These chemicals are known to the State of California to cause cancer.

This product contains a detectable amount of toluene CAS 108-88-3 and may contain a detectable amount of benzene CAS 71-43-2. WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS: B2, D2B

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All the components of this product are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION: Updated with Safety-Kleen Texas address, modified Medical Emergency phone number, modified Transportation Spill number and modified Technical Information phone number

LABEL/OTHER INFORMATION: This product is United States Department of Agriculture (USDA) approved and Underwriter's Laboratories (UL) classified.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product as supplied to the user.

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IMMERSION CLEANER AND COLD PARTS CLEANER

MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

safety-kleen.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **IMMERSION CLEANER AND COLD PARTS CLEANER**

SYNONYMS: None. Also formerly known as SAFETY-KLEEN IMMERSION CLEANER, SAFETY-KLEEN IMMERSION SOLVENT, and SAFETY-KLEEN COLD PARTS CLEANER 699.

PRODUCT PART NUMBERS: 50, 699, 6861, 9699

PRODUCT USE: For cleaning carburetors and metal parts.
If this product is used in combination with other products, refer to the Material Safety Data Sheets for those products.

	24-HOUR EMERGENCY PHONE NUMBERS	
These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.	**MEDICAL:** **1-800-752-7869** **Extension 2** **or** **1-312-906-6194**	**TRANSPORTATION (SPILL):** **1-800-468-1760 (USA)** **1-613-996-6666 (CANADA)** **(call collect)**

SUPPLIER: Safety-Kleen Systems, Inc.
1301 Gervais Street, Suite 300
Columbia, SC 29201
USA
1-803-933-4200

TECHNICAL INFORMATION: **1-800-669-5740, Extension 7500**

MSDS FORM NUMBER: 82411 **ISSUE:** June 26, 2000

ORIGINAL ISSUE: December 1, 1989 **SUPERSEDES:** December 1, 1998

PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV®			
WT%	NAME	SYNONYM	CAS NO.	TWA	STEL	TWA	STEL	LD	LC[b]
30 to 60	Solvent naphtha (petroleum), heavy arom.	Aromatic 150	64742-94-5	N. Av.[c]	N. Av.	N. Av.	N. Av.	>5000[k] mg/kg	>590 mg/m^3/4 hours
10 to 30	2-Pyrrolidinone, 1-methyl-	N-Methyl-2-pyrrolidinone; NMP	872-50-4	N. Av.[d]	N. Av.	N. Av.	N. Av.	3914[l] mg/kg	N. Av.
7 to 13	Propanol, 1(or 2)-(2-methoxymethylethoxy)-	Dipropylene glycol monomethyl ether	34590-94-8	100 ppm (skin)	N. Av.	100 ppm (skin)	150 ppm	5400 uL/kg[f]	N. Av.
5 to 10	Oleic acid	Z-9-Octadecenoic acid	112-80-1	5[e] mg/m^3	N. Av.	10[e] mg/m^3	N. Av.	>2000 mg/kg	N. Av.
3 to 7	Monoethanolamine	2-Amino-ethanol; MEA	141-43-5	3 ppm	N. Av.	3 ppm	6 ppm	1720[g] mg/kg	N. Av.
3 to 6	Naphthalene	Naphthalin	91-20-3	10 ppm	N. Av.	10 ppm (skin)	15 ppm (skin)	490[h] mg/kg	>340 mg/m^3/1 hour

N.Av. = Not Available
[a]Oral-rat LD_{50}
[b]Inhalation-rat LC_{50}
[c]Manufacturer recommended TWA = 100 ppm
[d]AIHA recommended TWA 10 ppm
[e]based on Vegetable oil mists
[f]Skin-rabbit LD_{50} 10 ml/kg
[g]Skin-rabbit LD_{50} 1 ml/kg
[h]Skin-rabbit LD_{50} > 2500 mg/kg
[k]Skin-rabbit LD_{50} >3200 mg/kg
[l]Skin-rabbit LD_{50} 8000 mg/kg

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE
Liquid, clear and brown.

WARNING!

PHYSICAL HAZARD
Combustible liquid and vapor.

HEALTH HAZARDS
May be harmful if inhaled.
May burn eyes.
May burn skin.
May be harmful if absorbed through skin.
May be fatal if swallowed.
May irritate the respiratory tract (nose, throat, and lungs).
Contains material which may cause birth defects.
Contains material which may cause central nervous system, liver, kidney, lung, blood cell, eye, and skin damage.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING): High concentrations of vapor or mist may be harmful if inhaled. Inhaling naphthalene may cause eye nerve inflammation (optic neuritis), kidney, and blood cell damage. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.

EYES: May cause irritation, pain, and/or burns.

SKIN: May cause irritation, swelling, blistering, and/or burns. Dipropylene glycol monomethyl ether and naphthalene may be absorbed through the skin and cause harm as noted under **INHALATION (BREATHING)**.

INGESTION (SWALLOWING): May be fatal if swallowed. May cause throat irritation, nausea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**, and/or heart injury. Monoethanolamine may burn mouth, throat, esophagus, and stomach. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing cardiovascular, liver, kidney, respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation of monoethanolamine may cause inflammation and sores in the mouth; and bronchial and/or gastrointestinal disturbances. Prolonged or repeated inhalation of naphthalene may cause cataracts and/or corneal inflammation and sores. Prolonged or repeated inhalation may cause toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis); and/or burns. Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns.

CANCER INFORMATION: No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

POTENTIAL ENVIRONMENTAL EFFECTS

Not available. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

SECTION 4: FIRST AID MEASURES

INHALATION: (BREATHING) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

INGESTION: (SWALLOWING) Do NOT induce vomiting. Immediately get medical attention. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Administration of gastric lavage is not recommended for monoethanolamine poisoning. Treatment may vary with condition of victim and specifics of incident. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: greater than 140°F (60°C) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 0.8 VOL% (approximately)
UPPER: 7 VOL% (approximately)

AUTOIGNITION TEMPERATURE: 829°F (443°C) (approximately)

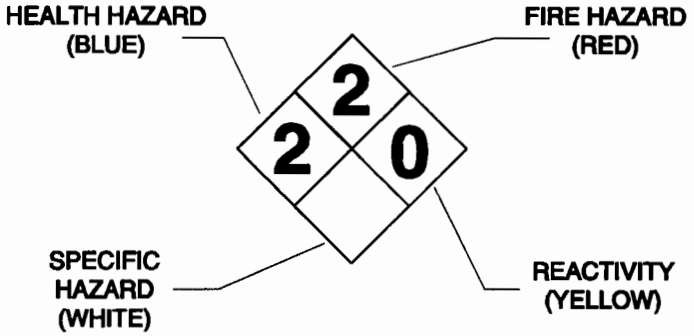
HAZARDOUS COMBUSTION PRODUCTS: Decomposition and combustion materials may be toxic. Burning may produce nitrogen oxides, acid halides, carbon monoxide, and unidentified organic compounds.

CONDITIONS OF FLAMMABILITY: Heat, sparks, or flame.

EXTINGUISHING MEDIA: Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.

NFPA 704 HAZARD IDENTIFICATION:

This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS:

Keep storage containers cool with water spray.
A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

FIRE AND EXPLOSION HAZARDS:

Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Product may be sensitive to static discharge, which could result in fire or explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface waters and sewers. Contain spill as a liquid for possible recovery or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see **SECTION 15: REGULATORY INFORMATION.**

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using this product.

SHIPPING AND STORING: Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORT INFORMATION** for Packing Group information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use NIOSH-certified, full-face, air-purifying respiratory protective equipment with organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION: Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

SKIN PROTECTION: Where skin contact is likely, wear laminate (Ansell Edmont Barrier®, North Silver Shield®, Safety 4 4h®) or equivalent protective gloves; use of neoprene, natural rubber, or equivalent gloves is not recommended.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR: Liquid, clear and brown.

ODOR THRESHOLD: Not available.

MOLECULAR WEIGHT: Not available.

SPECIFIC GRAVITY: 0.95 (water = 1)

DENSITY: 7.9 LB/US gal (950 g/l)

VAPOR DENSITY: 4.4 (air = 1)

VAPOR PRESSURE: less than 0.4 mm Hg at 68°F (20°C)

BOILING POINT: 340°F (171°C) (initial)

FREEZING/MELTING POINT: less than 10°F (-12°C)

pH: 11

EVAPORATION RATE: 1 (butyl acetate = 1)

SOLUBILITY IN WATER: Complete.

FLASH POINT: greater than 140°F (60°C) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 0.8 VOL% (approximately)
UPPER: 7 VOL% (approximately)

AUTOIGNITION TEMPERATURE: 829°F (443°C) (approximately)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures. Avoid heat, sparks, or flame.

INCOMPATIBILITY: Avoid acids, oxidizing agents, reactive halogens, or reactive metals. Oleic acid can react with perchlorates or perchloric acid to form explosive products.

REACTIVITY: Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal temperatures and pressures. See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS**.

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION: Aromatic 150 has demonstrated human effects of skin photosensitization.

Based on best current information, the other components listed in **SECTION 2** are not sensitizers.

MUTAGENICITY: Ethanolamine has demonstrated human effects of mutagenicity. Aromatic 150 and naphthalene have demonstrated animal effects of mutagenicity. 1-Methyl-pyrrolidinone and oleic acid have demonstrated experimental effects of mutagenicity.

Based on best current information, the other component listed in **SECTION 2** is not a mutagen.

CARCINOGENICITY: Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Also see **SECTION 15: CALIFORNIA.**

REPRODUCTIVE TOXICITY: 1-Methyl-pyrrolidinone and ethanolamine have demonstrated experimental effects of reproductive toxicity.

Based on best current information, the other components listed in **SECTION 2** are not reproductive toxicants.

Also see **SECTION 15: CALIFORNIA.**

TERATOGENICITY: Naphthalene and ethanolamine have demonstrated animal effects of teratogenicity.

Based on best current information, the other components listed in **SECTION 2** are not teratogens.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with this product.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.

OCTANOL/WATER PARTITION COEFFICIENT: Not available.

VOLATILE ORGANIC COMPOUNDS: 92 WT%; 7.3 LB/US gal; 874 g/l
As per 40 CFR Part 51.100(s).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding recycling or proper disposal.

USEPA WASTE CODE(S): This product, if discarded, is not expected to be a characteristic or listed hazardous waste. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

SECTION 14: TRANSPORT INFORMATION

DOT: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (MONOETHANOLAMINE), 8, UN3267, PGIII

TDG: Corrosive Liquids, N.O.S., Class 8 (9.2), UN1760, PGIII (Monoethanolamine)

EMERGENCY RESPONSE GUIDE NUMBER: 132
Reference *North American Emergency Response Guidebook*

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304: Based on the ingredients listed in **SECTION 2**, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312: This product poses the following physical and health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

SARA SECTION 313: The following components are subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

Material	CAS
2-Pyrrolidinone, 1-methyl-	872-50-4
Naphthalene	91-20-3

CERCLA: Based on the ingredients listed in **SECTION 2**, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantity (RQ):

Material	CAS	RQ
Naphthalene	91-20-3	100 LB (45.4 kg)

TSCA: All the components of this product are listed on the TSCA Inventory.

CALIFORNIA: This product contains detectable amounts of arsenic CAS 7440-38-2, benzene CAS 71-43-2, cadmium CAS 7440-43-9, chromium CAS 7440-47-3, lead CAS 7439-92-1, methylene chloride CAS 75-09-2, perchloroethylene CAS 127-18-4, trichloroethylene CAS 79-01-6, dichlorobenzene, para- CAS 106-46-7, beryllium CAS 7440-41-7, and mercury CAS 7439-97-6. WARNING: These chemicals are known to the State of California to cause cancer.

This product contains detectable amounts of arsenic CAS 7440-38-2, benzene CAS 71-43-2, cadmium CAS 7440-43-9, mercury CAS 7439-97-6, lead CAS 7439-92-1, and toluene CAS 108-88-3. WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS: B3, D2A, E

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All the components of this product are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION: This MSDS has been revised in the following sections: **SECTION 2, SECTION 11**

LABEL/OTHER INFORMATION: This product is Underwriter's Laboratories (UL) classified.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product as supplied to the user.

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SAFETY-KLEEN 105 SOLVENT RECYCLED

MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **SAFETY-KLEEN 105 SOLVENT RECYCLED**

SYNONYMS: Parts Washer Solvent; Petroleum Distillates; Petroleum Naptha; Naptha, Solvent; Stoddard Solvent; Mineral Spirits.

PRODUCT PART NUMBERS: 6614, 6617, 1011662, 1014662.

PRODUCT USE: Cleaning and degreasing metal parts.
If this product is used in combination with other products, refer to the Material Safety Data Sheets for those products.

	24-HOUR EMERGENCY PHONE NUMBERS	
These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.	**MEDICAL:** **1-800-752-7869** **Extension 2** **or** **1-312-906-6194**	**TRANSPORTATION (SPILL):** **1-800-468-1760 (USA)** **1-613-996-6666 (CANADA)** **(call collect)**

SUPPLIER: Safety-Kleen Corp.
1301 Gervais Street, Suite 300
Columbia, SC 29201
USA
1-803-933-4200

TECHNICAL INFORMATION: **1-800-669-5740, Extension 7500**

MSDS FORM NUMBER: 82310 **ISSUE:** March 24, 2000

ORIGINAL ISSUE: April 8, 1976 **SUPERSEDES:** April 4, 1997

PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV®			
WT%	NAME	SYNONYM	CAS NO.	TWA	STEL	TWA	STEL	LD	LC
99 to 100	Distillates (petroleum), hydrotreated light[e]	N.Av.	64742-47-8	500[d] ppm	N.Av.	100[d] ppm	N.Av.	>5000[g,c]	>5500[d,h] mg/m^3/4 hours
0 to 0.2*	Tetrachloroethene	Perchloroethylene; Tetrachloroethylene	127-18-4	100 ppm	200 ppm (ceiling)	25 ppm	100 ppm	2629[a,f]	34200[b] mg/m^3/8 hours

N.Av. = Not Available
*Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.
[a]Oral-Rat LD_{50} (mg/kg)

[b]Inhalation-Rat LC_{50}
[c]Based on Stoddard solvent: Skin-Rabbit LD_{50} >3000 mg/kg
[d]Based on Stoddard Solvent.

[e]Based on Stoddard Solvent, NIOSH IDLH (Immediately Dangerous to Life or Health): 20000 mg/m^3 (5000 ppm)
[f]Skin-Rabbit LD_{50} >10000 mg/kg
[g]Oral-Rat LD (mg/kg)
[h]Inhalation-Rat LC

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE
Liquid, clear and green, mild hydrocarbon odor.

WARNING!

PHYSICAL HAZARD
Combustible liquid and vapor.

HEALTH HAZARDS
May be harmful if inhaled.
May irritate eyes and skin.
May be harmful if swallowed.
Suspect cancer hazard. Contains material (less than 0.3 WT%) which may cause cancer.
Risk of cancer depends on duration and level of exposure.
Contains material which may cause birth defects.
Contains material which may cause central nervous system damage.

ENVIRONMENTAL HAZARDS
Toxic to aquatic life.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING): High concentrations of vapor or mist may be harmful if inhaled. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.

EYES: May cause irritation with watering, stinging, and/or redness.

SKIN: May cause irritation. Not likely to be absorbed through the skin in harmful amounts.

INGESTION (SWALLOWING): May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation may cause toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated inhalation and/or ingestion has been suggested to produce kidney toxicity in dogs but in no other species, including humans. According to one unsubstantiated human case report, prolonged or repeated inhalation, skin contact, and/or ingestion may cause mild, acute chemical hepatitis and acute, yellow atrophy (size reduction) of the liver. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns.

CANCER INFORMATION: This product contains perchloroethylene which may cause cancer. Risk of cancer depends on duration and level of exposure. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

POTENTIAL ENVIRONMENTAL EFFECTS

Product is toxic to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

SECTION 4: FIRST AID MEASURES

INHALATION: (BREATHING) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

INGESTION: (SWALLOWING) Do NOT induce vomiting. Immediately get medical attention. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Treatment may vary with condition of victim and specifics of incident. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 105°F (40°C) (minimum) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 0.7 VOL% (minimum)
UPPER: 5 VOL% (maximum)

AUTOIGNITION TEMPERATURE: 410°F (210°C) (minimum)

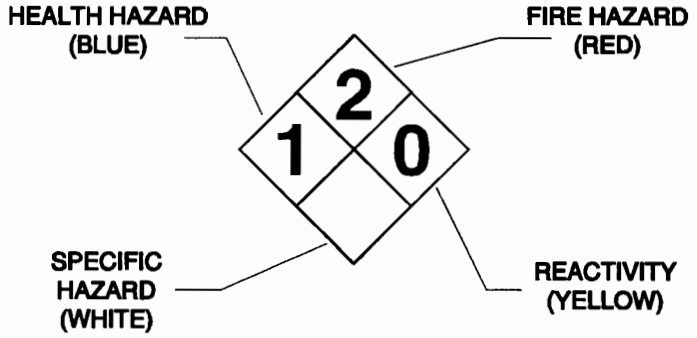
HAZARDOUS COMBUSTION PRODUCTS: Decomposition and combustion materials may be toxic. Burning may produce carbon monoxide and unidentified organic compounds.

CONDITIONS OF FLAMMABILITY: Heat, sparks, or flame.

EXTINGUISHING MEDIA: Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

NFPA 704 HAZARD IDENTIFICATION:

This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS:

Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

FIRE AND EXPLOSION HAZARDS:

Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Not sensitive to mechanical impact. Product may be sensitive to static discharge, which could result in fire or explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface waters and sewers. Contain spill as a liquid for possible recovery or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see **SECTION 15: REGULATORY INFORMATION.**

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using this product.

SHIPPING AND STORING: Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORT INFORMATION** for Packing Group information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use NIOSH-certified, air-purifying respirators with organic vapor cartridges respiratory protective equipment when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION: Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

SKIN PROTECTION: Where skin contact is likely, wear nitrile, supported neoprene, Viton®, polyvinyl alcohol (PVA), laminate (such as North Silver Shield®, Safety 4 4h®, Ansell Edmont Barrier®), or equivalent protective gloves; use of polyvinyl chloride (PVC), natural rubber (latex), or equivalent gloves is not recommended.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR: Liquid, clear and green, mild hydrocarbon odor.

ODOR THRESHOLD: 30 ppm (based on Stoddard Solvent)

MOLECULAR WEIGHT: Not available.

SPECIFIC GRAVITY: 0.77 to 0.80 at 60°F/60°F (15.6°C/15.6°C) (water = 1)

DENSITY: 6.4 to 6.7 LB/US gal (770 to 800 g/l)

VAPOR DENSITY: 5 (air = 1) (approximately)

VAPOR PRESSURE: 0.4 mm Hg at 68°F (20°C) (approximately)
1.0 mm Hg at 100°F (38°C) (approximately)

BOILING POINT: 310°F (155°C) (initial)

FREEZING/MELTING POINT: -45°F (-43°C) (maximum)

pH: Not applicable.

EVAPORATION RATE: 0.1 (butyl acetate = 1) (based on Stoddard Solvent)

SOLUBILITY IN WATER: Insoluble.

FLASH POINT: 105°F (40°C) (minimum) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 0.7 VOL% (minimum)
UPPER: 5 VOL% (maximum)

AUTOIGNITION TEMPERATURE: 410°F (210°C) (minimum)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures. Avoid heat, sparks, or flame.

INCOMPATIBILITY: Avoid acids, alkalies, oxidizing agents, reducing agents, reactive halogens, or reactive metals.

REACTIVITY: Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal temperatures and pressures. See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS**.

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION: Based on best current information, there is no known human sensitization associated with this product.

MUTAGENICITY: Perchloroethylene has demonstrated animal effects of mutagenicity.

Based on best current information, the other component listed in **SECTION 2** is not a mutagen.

CARCINOGENICITY: Perchloroethylene is categorized by IARC as probably carcinogenic to humans (Group 2A). Perchloroethylene is listed by NTP as having limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Perchloroethylene is categorized by ACGIH as a confirmed animal carcinogen with unknown relevance to humans (A3). This agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure.

Based on best current information, the other component listed in **SECTION 2** is not a carcinogen.

Also see **SECTION 3: CANCER INFORMATION** and **SECTION 15: CALIFORNIA.**

REPRODUCTIVE TOXICITY: Based on best current information, there is no known reproductive toxicity associated with this product.

Also see **SECTION 15: CALIFORNIA.**

TERATOGENICITY: Perchloroethylene has demonstrated animal effects of teratogenicity.

Based on best current information, the other component listed in **SECTION 2** is not a teratogen.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with this product.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: 2900 ug/L 96 hour LC_{50} Rainbow trout, donaldson trout (Oncorhynchus mykiss) (based on Distillates (petroleum) hydrotreated light).

OCTANOL/WATER PARTITION COEFFICIENT: Not available.

VOLATILE ORGANIC COMPOUNDS: 100 WT%; 6.4 to 6.7 LB/US gal; 770 to 800 g/l
As per 40 CFR Part 51.100(s).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding recycling or proper disposal.

USEPA WASTE CODE(S): D001, D018, D039, and D040
Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

SECTION 14: TRANSPORT INFORMATION

DOT: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA), NA1993, PG III

TDG: Petroleum Distillates, N.O.S., Class 3, UN1268, PG III

EMERGENCY RESPONSE GUIDE NUMBER: 128
Reference *North American Emergency Response Guidebook*

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304: Based on the ingredients listed in **SECTION 2**, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312: This product poses the following physical and health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

SARA SECTION 313: The following component is subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

Material	CAS
Perchloroethylene	127-18-4

CERCLA: Based on the ingredients listed in **SECTION 2**, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantity (RQ):

Material	CAS	RQ
Perchloroethylene	127-18-4	100 LB (15.4 kg)

TSCA: All the components of this product are listed on the TSCA Inventory.

CALIFORNIA: This product may contain detectable amounts of benzene CAS 71-43-2, p-dichlorobenzene CAS 106-46-7, methylene chloride CAS 75-09-2, perchloroethylene CAS 127-18-4, and trichloroethylene CAS 79-01-6. WARNING: These chemicals are known to the State of California to cause cancer.

This product may contain detectable amounts of benzene CAS 71-43-2 and toluene CAS 108-88-3. WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.
WHMIS: B3, D2A, D2B

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All the components of this product are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION: Revised format. This MSDS has been revised in the following sections:
SECTION 3: Emergency Overview, Inhalation, Chronic
SECTION 4: Ingestion
SECTION 5: Upper Flammable Limit, Autoignition Temperature
SECTION 8: Skin Protection
SECTION 9: Molecular Weight
SECTION 11: Mutagenicity, Carcinogenicity, Reproductive Toxicity, Teratogenicity
SECTION 12: Ecotoxicity
SECTION 13: USEPA Waste Codes

LABEL/OTHER INFORMATION: This product is United States Department of Agriculture (USDA) approved, Underwriter's Laboratories (UL) classified, and Factory Mutual (FM) approved.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product as supplied to the user.

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SAFETY-KLEEN PREMIUM SOLVENT
SAFETY-KLEEN PREMIUM GOLD SOLVENT

MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **SAFETY-KLEEN PREMIUM SOLVENT**
SAFETY-KLEEN PREMIUM GOLD SOLVENT

SYNONYMS: Parts Washer Solvent; Petroleum Distillates; Petroleum Naptha; Naptha, Solvent; Stoddard Solvent; Mineral Spirits.

PRODUCT PART NUMBERS: 6605, 6638.

PRODUCT USE: Cleaning and degreasing metal parts.
If these products are used in combination with other products, refer to the Material Safety Data Sheets for those products.

	24-HOUR EMERGENCY PHONE NUMBERS	
These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.	**MEDICAL:** **1-800-752-7869 Extension 2 or 1-312-906-6194**	**TRANSPORTATION (SPILL):** **1-800-468-1760 (USA)** **1-613-996-6666 (CANADA) (call collect)**

SUPPLIER: Safety-Kleen Corp.
1301 Gervais Street, Suite 300
Columbia, SC 29201
USA
1-803-933-4200

TECHNICAL INFORMATION: **1-800-669-5740, Extension 7500**

MSDS FORM NUMBER: 82658 (Also formerly known as 82529)

ISSUE: March 24, 2000

ORIGINAL ISSUE: January 26, 1995 (Also formerly January 7, 1993)

SUPERSEDES: April 4, 1997

PREPARED BY: Product MSDS Coordinator

APPROVED BY: MSDS Task Force

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV®			
WT%	NAME	SYNONYM	CAS NO.	TWA	STEL	TWA	STEL	LD[a]	LC[b]
100	Distillates (petroleum), hydrotreated light[e]	N.Av.	64742-47-8	500[d] ppm	N.Av.	100[d] ppm	N.Av.	>5000[c]	>5500[d] mg/m^3/4 hours

N.Av. = Not Available
[a]Oral-Rat LD (mg/kg)
[b]Inhalation-Rat LC
[c]Based on Stoddard solvent: Skin-Rabbit LD_{50} >3000 mg/kg
[d]Based on Stoddard Solvent.
[e]Based on Stoddard Solvent, NIOSH IDLH (Immediately Dangerous to Life or Health): 20000 mg/m^3 (5000 ppm)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE
Liquid, clear, colorless to pale yellow, mild hydrocarbon odor.

WARNING!

PHYSICAL HAZARD
Combustible liquid and vapor.

HEALTH HAZARDS
May be harmful if inhaled.
May irritate eyes and skin.
May be harmful if swallowed.
Contains material which may cause central nervous system damage.

ENVIRONMENTAL HAZARDS
Not toxic to aquatic life.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING): High concentrations of vapor or mist may be harmful if inhaled. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.

EYES: May cause irritation with watering, stinging, and/or redness.

SKIN: May cause irritation. Not likely to be absorbed through the skin in harmful amounts.

INGESTION (SWALLOWING): May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation may cause toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated inhalation and/or ingestion has been suggested to produce kidney toxicity in dogs but in no other species, including humans. According to one unsubstantiated human case report, prolonged or repeated inhalation, skin contact, and/or ingestion may cause mild, acute chemical hepatitis and acute, yellow atrophy (size reduction) of the liver. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns.

CANCER INFORMATION: No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

POTENTIAL ENVIRONMENTAL EFFECTS
Product is not toxic to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

SECTION 4: FIRST AID MEASURES

INHALATION: (BREATHING) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

INGESTION: (SWALLOWING) Do NOT induce vomiting. Immediately get medical attention. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Treatment may vary with condition of victim and specifics of incident. Call 1-800-752-7869, extension 2 or 1-312-906-6194 for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 148°F (64°C) (approximately) Tag Closed Cup

FLAMMABLE LIMITS IN AIR: **LOWER:** 0.7 VOL% (minimum)
UPPER: 5 VOL% (maximum)

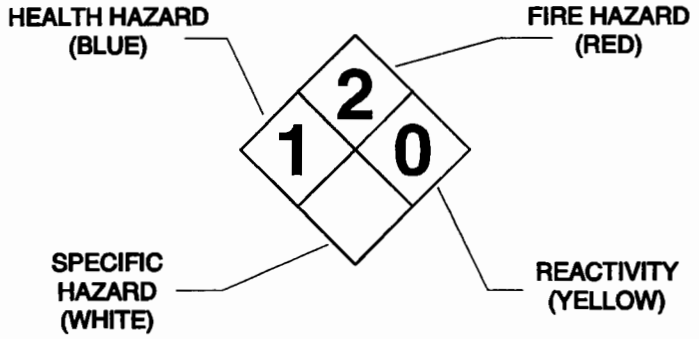
AUTOIGNITION TEMPERATURE: 410°F (210°C) (minimum)

HAZARDOUS COMBUSTION PRODUCTS: Decomposition and combustion materials may be toxic. Burning may produce carbon monoxide and unidentified organic compounds.

CONDITIONS OF FLAMMABILITY: Heat, sparks, or flame.

EXTINGUISHING MEDIA: Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

NFPA 704 HAZARD IDENTIFICATION: This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS:	Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.
FIRE AND EXPLOSION HAZARDS:	Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Not sensitive to mechanical impact. Product may be sensitive to static discharge, which could result in fire or explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface waters and sewers. Contain spill as a liquid for possible recovery or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING:	Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using these products.
SHIPPING AND STORING:	Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORT INFORMATION** for Packing Group information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use NIOSH-certified, air-purifying respirators with organic vapor cartridges respiratory protective equipment when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION: Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

SKIN PROTECTION: Where skin contact is likely, wear nitrile, supported neoprene, Viton®, polyvinyl alcohol (PVA), laminate (such as North Silver Shield®, Safety 4 4h®, Ansell Edmont Barrier®), or equivalent protective gloves; use of polyvinyl chloride (PVC), natural rubber (latex), or equivalent gloves is not recommended.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR:	Liquid, clear, colorless to pale yellow, mild hydrocarbon odor.
ODOR THRESHOLD:	30 ppm (based on Stoddard Solvent)
MOLECULAR WEIGHT:	Not available.
SPECIFIC GRAVITY:	0.78 to 0.82 at 60°F/60°F (15.6°C/15.6°C) (water = 1)
DENSITY:	6.5 to 6.8 LB/US gal (780 to 820 g/l)
VAPOR DENSITY:	5 (air = 1) (approximately)
VAPOR PRESSURE:	0.2 mm Hg at 68°F (20°C) (approximately) 0.6 mm Hg at 100°F (38°C) (approximately)
BOILING POINT:	350°F (177°C) (initial)
FREEZING/MELTING POINT:	-45°F (-43°C) (maximum)
pH:	Not applicable.
EVAPORATION RATE:	0.1 (butyl acetate = 1) (based on Stoddard Solvent)
SOLUBILITY IN WATER:	Insoluble.
FLASH POINT:	148°F (64°C) (approximately) Tag Closed Cup
FLAMMABLE LIMITS IN AIR:	**LOWER:** 0.7 VOL% (minimum) **UPPER:** 5 VOL% (maximum)
AUTOIGNITION TEMPERATURE:	410°F (210°C) (minimum)

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures. Avoid heat, sparks, or flame.
INCOMPATIBILITY:	Avoid acids, alkalies, oxidizing agents, reducing agents, or reactive halogens.

REACTIVITY: Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal temperatures and pressures. See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.**

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION: Based on best current information, there is no known human sensitization associated with these products.

MUTAGENICITY: Based on best current information, there is no known mutagenicity associated with these products.

CARCINOGENICITY: Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

Also see **SECTION 15: CALIFORNIA.**

REPRODUCTIVE TOXICITY: Based on best current information, there is no known reproductive toxicity associated with these products.

Also see **SECTION 15: CALIFORNIA.**

TERATOGENICITY: Based on best current information, there is no known teratogenicity associated with these products.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with these products.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: A Static Acute Bioassay as per the California Department of Fish and Game WPCL, was done using fathead minnows, and up to 750 ppm of the products in water.

The material passed the bioassay with only 1 out of 10 minnows dying. To fail the bioassay, more than 40% of the fish would die in 750 ppm.

OCTANOL/WATER PARTITION COEFFICIENT: Not available.

VOLATILE ORGANIC COMPOUNDS: 100 WT%; 6.5 to 6.8 LB/US gal; 780 to 820 g/l
As per 40 CFR Part 51.100(s).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding recycling or proper disposal.

USEPA WASTE CODE(S): Not regulated.
Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of these products.

SECTION 14: TRANSPORT INFORMATION

DOT: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA), NA1993, PG III

TDG: Not regulated.

EMERGENCY RESPONSE GUIDE NUMBER: 128
Reference *North American Emergency Response Guidebook*

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304: Based on the ingredient listed in **SECTION 2**, these products do not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312: These products pose the following physical and health hazards as defined in 40 CFR Part 370 and are subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):
- Immediate (Acute) Health Hazard
- Delayed (Chronic) Health Hazard
- Fire Hazard

SARA SECTION 313:	These products do not contain toxic chemicals subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.
CERCLA:	Based on the ingredient listed in **SECTION 2,** these products do not contain any "hazardous substance" listed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.
TSCA:	All the components of these products are listed on the TSCA Inventory.
CALIFORNIA:	These products may contain detectable amounts of benzene CAS 71-43-2 (at or below 0.4 mg/L) and p-dichlorobenzene CAS 106-46-7 (at or below 5 mg/L). WARNING: These chemicals are known to the State of California to cause cancer. These products may contain detectable amounts of benzene CAS 71-43-2 (at or below 0.4 mg/L) and toluene CAS 108-88-3 (at or below 30 mg/L). WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS

These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS:	B3, D2B
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):	All the components of these products are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION: Revised format. This MSDS has been revised in the following sections:
SECTION 1: added SAFETY-KLEEN PREMIUM SOLVENT product
SECTION 3: Emergency Overview, Inhalation, Chronic
SECTION 4: Ingestion
SECTION 5: Upper Flammable Limit, Autoignition Temperature
SECTION 8: Skin Protection
SECTION 9: Molecular Weight
SECTION 12: Ecotoxicity

LABEL/OTHER INFORMATION: These products are United States Department of Agriculture (USDA) approved and Underwriter's Laboratories (UL) classified.

User assumes all risks incident to the use of these products. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the products as supplied to the user.

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K54474-R5732
LOCATION:

SAFETY-KLEEN
LDR NOTIFICATION FORM

02/14/03 PAGE: 1
16:30:14

GENERATOR NAME:

MANIFEST NO.:
OR SALES SERVICE NO.: 0

CUST#: 0000000000

PURSUANT TO 40 CFR 268.7(A), I HEREBY NOTIFY THAT THIS SHIPMENT CONTAINS WASTE RESTRICTED UNDER 40 CFR PART 268 LAND DISPOSAL RESTRICTIONS (LDR).

A. GENERAL WASTE NOTIFICATION

LDR FORM LINE NO.: 1 MANIFEST PAGE/LINE# 01A SK PROFILE NO.: 00(
SKDOT#: 0011656

EPA WASTE CODES & LDR SUBCATEGORIES (IF ANY):
D001 ICW IGNITABLE CHARACTERISTIC WASTE
D039

TREATABILITY GROUP: NONWASTEWATERS

WASTE CONSITITUENT NOTIFICATION:
100 O-CRESOL
101 M-CRESOL (DIFFICULT TO DISTINGUISH FROM P-CRESOL)
229 TETRACHLOROETHYLENE
237 TRICHLOROETHYLENE
250 CADMIUM
251 CHROMIUM (TOTAL)
255 LEAD
260 SILVER

N O T E S

'P NOTICE: THIS LDR EXPIRES ON 12/31/2003.

GENERATOR'S AUTHORIZED SIGNATURE | NAME & TITLE (PRINTED OR TYPED) | / / DATE

SEQ#: 3664833 LOC: 0 TERR: REF#: 0 SW:

TOP COPY: GENERATOR MIDDLE COPY: FACILITY BOTTOM COPY: TRANSFE

ATTACHMENT 3-3

HAZARDOUS MATERIAL AND WASTE SAMPLING

Hazardous Materials and Waste Sampling

ET-143

Objectives

- Describe Safety Issues
- Representative Sampling
- Sampling Equipment and Use

Policies & Procedures

- Corporate Health and Safety Procedure
- Permitted Facilities
  - Site-specific SOP
- Guidelines for Branch Sales Representatives
- EPA & OSHA Regulations

Safety Issues

- Material Identification / Unknowns
- PPE
- Protection of Bystanders
- Sampling Team
- Site-Specific Safety Issues
- Grounding and Bonding
- Opening Drums Safely

Material Identification

- Identity of material to be sampled must be known in order to select PPE

- ***NEVER SAMPLE UNKNOWNS***
  - Exception: Remediation and emergency response
  - Handled by chemists who have received training in HAZCAT Analysis

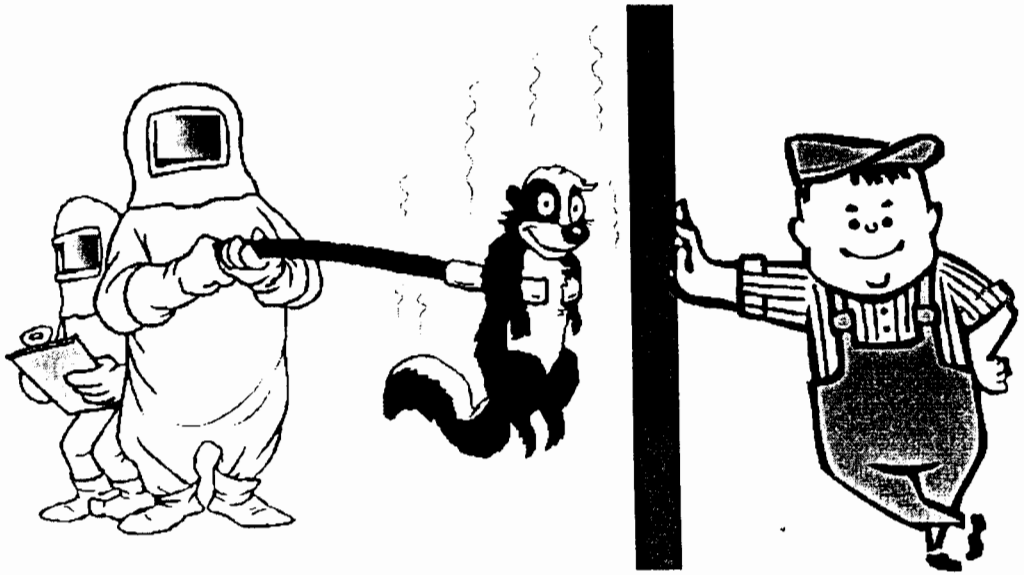
Personal Protective Equip. (PPE)

- Full-face respirator protection mandatory
  - Medical approval
  - Fit testing

- PPE pre-selected for Branch Sales Reps
  - Hard hat, respirator, saranex-coated suit or apron with sleeves, nitrile gloves, safety glasses with permanently attached side shields, splash guards or chemical splash goggles

Protection of Bystanders

- Personnel not involved in sampling must be protected by:
  - Distance
  - Barriers
  - Blast shields



Sampling Team

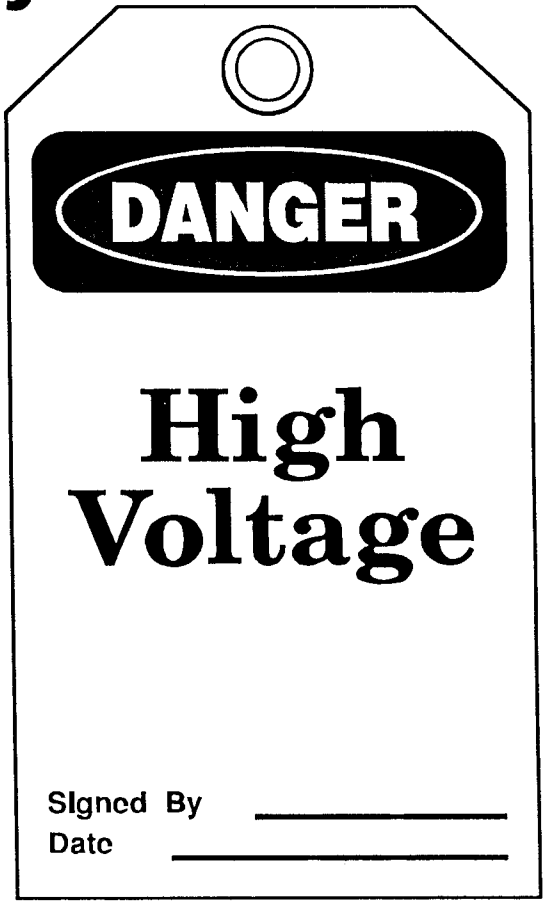
- Never sample alone
- Be accompanied by a representative of the customer Why?
- To ensure help and emergency response is available

Site-Specific Safety Issues

Preparation: Sampling Site Survey

Site-Specific Safety Issues

- Lockout/Tagout of energized equipment
  - Electrical hazards
  - Mechanical hazards
  - Hydraulic / pneumatic equipment hazards



Site-Specific Safety Issues

- Confined spaces
  - Sales personnel prohibited from confined space entry
  - Have customer move containers out of confined space
  - Special training ***required*** to enter confined space

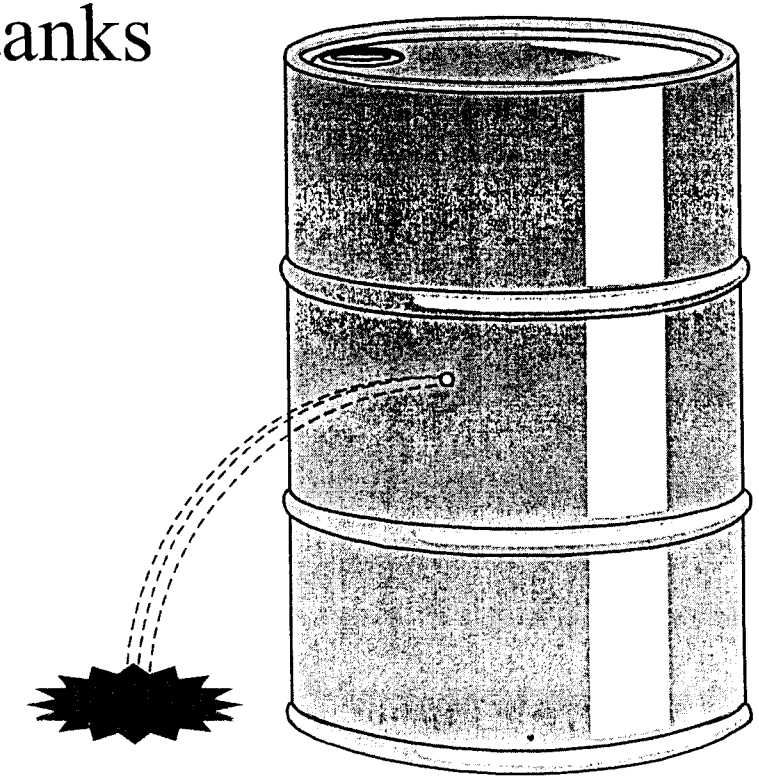
Site-Specific Safety Issues

- Locate:
  - Nearest emergency exit, eye wash, and shower
  - Spill control equipment
  - Fire extinguishers
  - Alarm pulls

- Review facility emergency plan

Site-Specific Safety Issues

- Inspect containers or tanks to be sampled:
  - Leaks
  - Rust
  - Dents



Site-Specific Safety Is

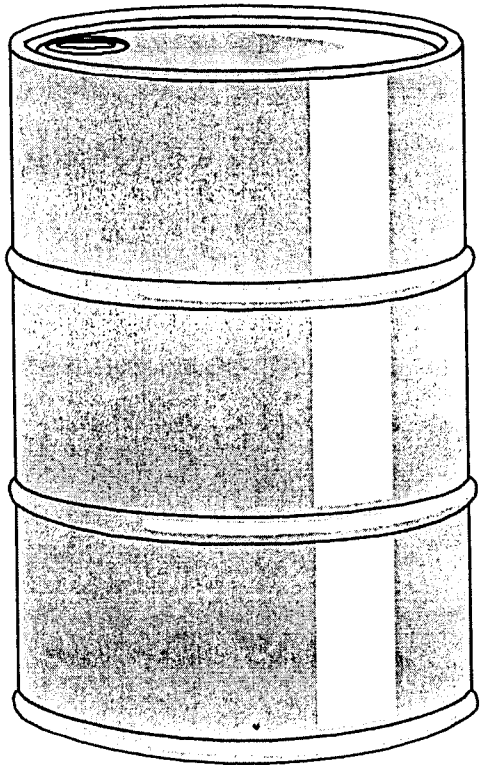
- Inspect containers or tanks to be sampled:
  - Hot or cold
  - Bulged or concave head (pressure or vacuum)

Grounding and Bonding

- Protects against static discharge (sparks)
- Required for all containers and tanks unless contents are *known* to have flash point > 200° F

Opening Drums Safely

- Press down on top of drum
- Place bung wrench in bung and cover with wipe
- If multiple drums loosen bungs but do not remove
- Place absorbent pad on top of drum prior to sampling



Representative Sampling

- Definition
- Types of samples
- Random sampling
- How many samples
- Compositing

Representative Sample

A sample that exhibits the average properties of the wastestream as a whole

Types of Samples

- Discrete (Grab) Samples
  - A sample taken from at a specific point and place
  - Single sample not representative

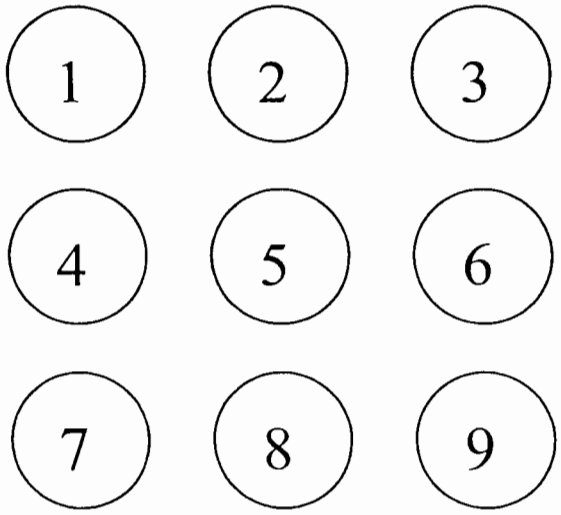
Types of Samples

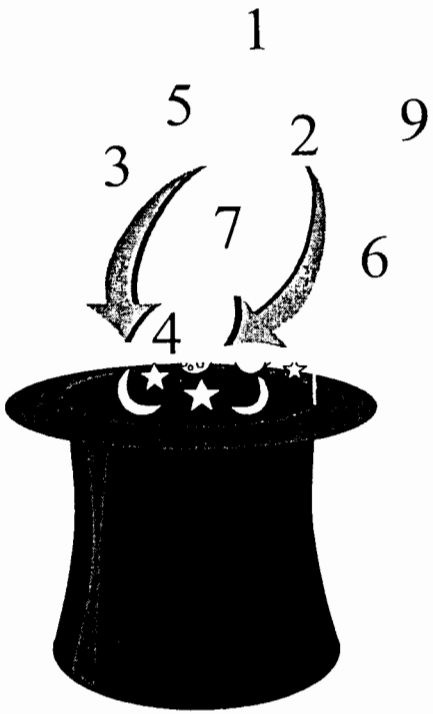
- Composite Samples
  - Sample created by mixing two or more samples together
  - Used to determine average concentration estimates
  - Reduces analytical costs

Which Drums?

Random Drum Sampling

- EPA SW-846





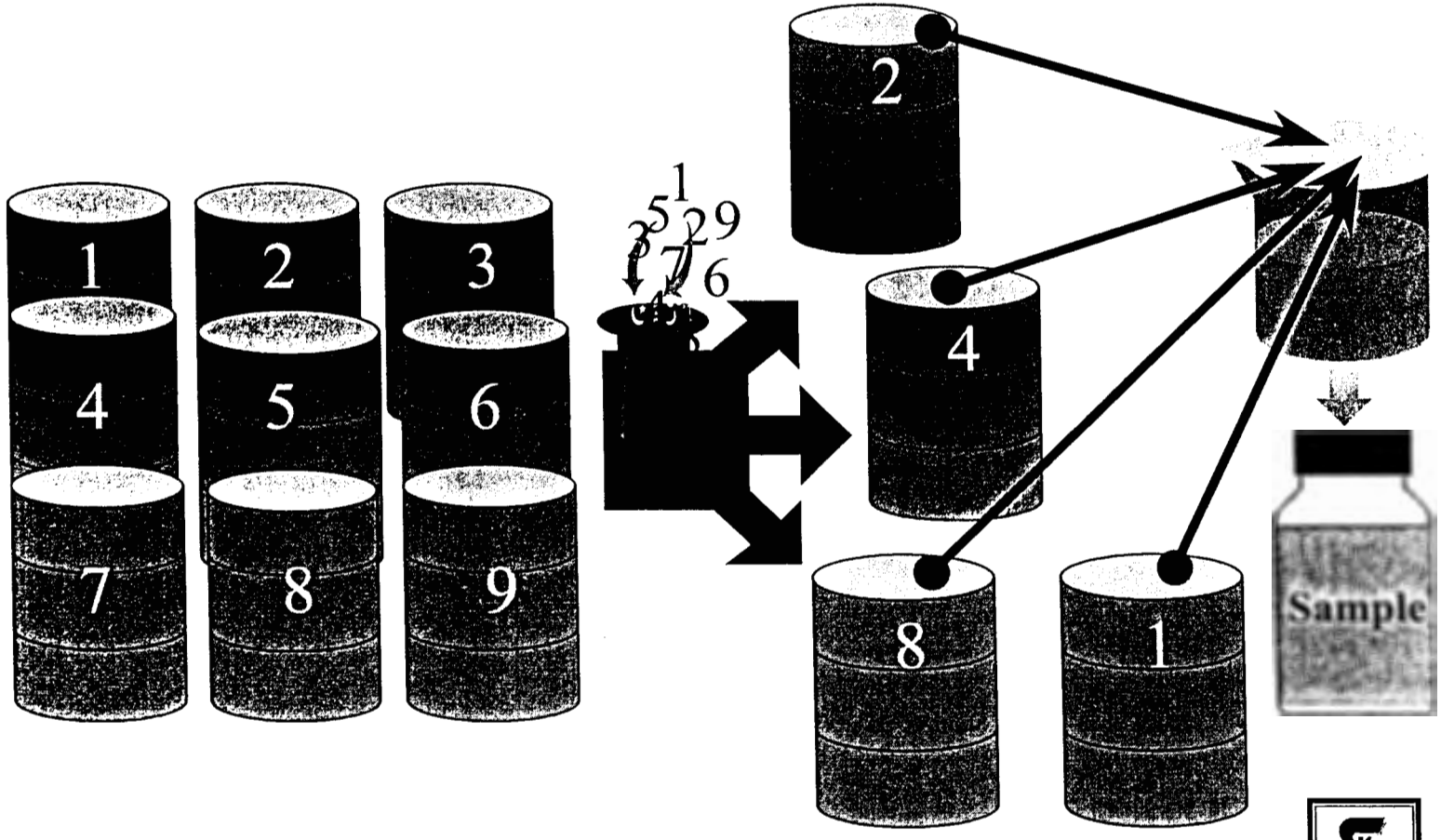
How Many Samples?

No. of Drums to be sampled = Sq. Root # Drums
(always round up)

Total # Drums	1	2-4	5-9	10-16	17-25
	1	2	3	4	5

Drums to be sampled

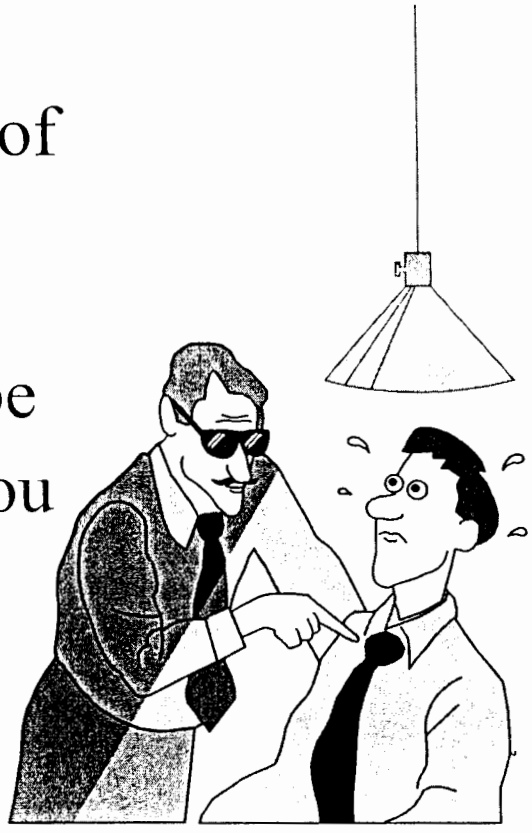
Composite Sampling



Exercise 1

A client has 49 drums of mineral spirits and 3 drums of an oil/water mixture.

How many drums should be sampled and how would you composite them?



Exercise 1

49 drums of mineral spirits

3 drums of an oil/water mixture

- 9 drums sampled, 2 composite samples
- 7 samples of mineral spirits mixed in a bucket to prepare 1 sample bottle
- 2 samples of oil/water mixture composited in 1 sample bottle

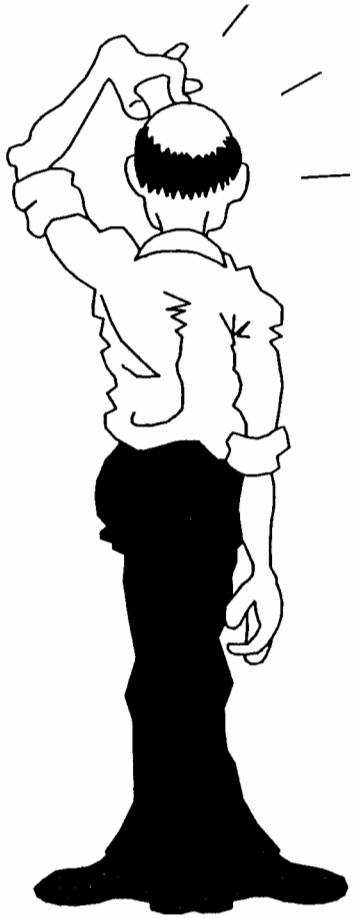
How Many Samples?

No. of Drums to be sampled = Sq. Root # Drums
(always round up)

Total # Drums	1	2-4	5-9	10-16	17-25
# Drums to be sampled	1	2	3	4	5

Exercise 2

Another client has 5 drums of petroleum distillates, 7 drums of paint waste, and 1 unidentified drum left behind by a previous tenant on the property, which he is willing to pay to have removed.



How many drums should be sampled and how would you composite them?

Exercise 2

5 drums of petroleum distillates

7 drums of paint waste

1 drum of unknowns

- 3 samples of pet. distillates mixed in a bucket to prepare 1 sample bottle
- 3 samples of paint waste mixed in a bucket to prepare 1 sample bottle
- Do <u>NOT</u> sample unknowns!!

How Many Samples?

No. of Drums to be sampled = Sq. Root # Drums
(always round up)

Total # Drums	1	2-4	5-9	10-16	17-25
# Drums to be sampled	1	2	3	4	5

Sample Containers

- Container selection
  - Chemical compatibility
  - Analytical interference from some plasticizers
  - Integrity during shipment
  - DOT compliance

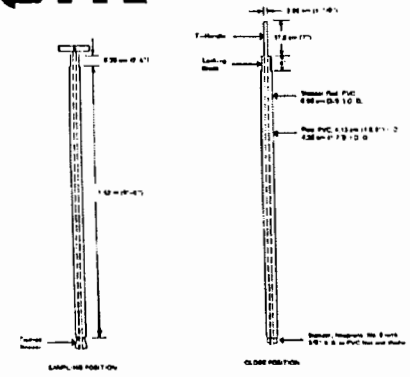
Sample Containers

- Labeling essentials
  - Sample ID number
  - Name of material sampled
  - Sampler's name (preferred) or initials
  - Date/time
  - Name and location of facility
  - Identification of sample source

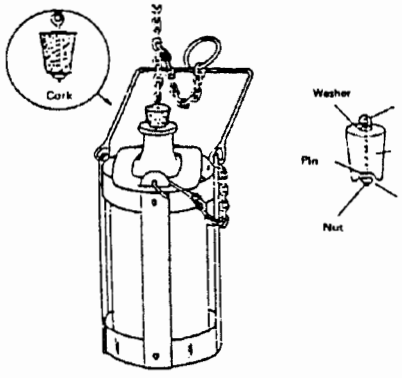
Equipment Selection

- Waste volume
- Physical properties
  - Crushed, powdered, or whole solids
  - Free flowing or viscous liquids
  - Layering, density, cohesion
  - Homogeneous or heterogeneous
- Chemical compatibility with sampler

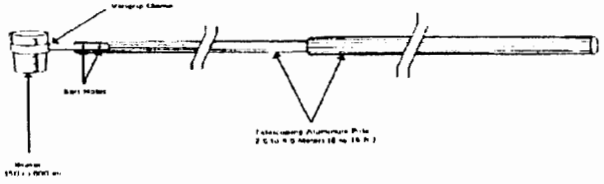
Sampling Equipment



- COLIWASA
  - Free-flowing liquids and slurries

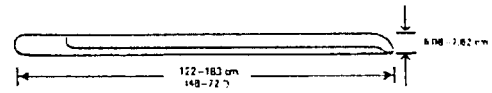


- Weighted bottle sampler
  - Free-flowing liquids and slurries
- Dipper (a.k.a. pond sampler)
  - Free-flowing liquids and slurries

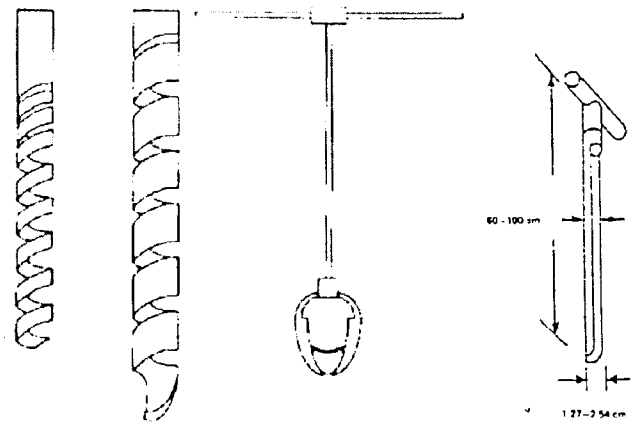


Sampling Equipment

- Trier
  - Sludges, moist powders or granules, dry powders or granules

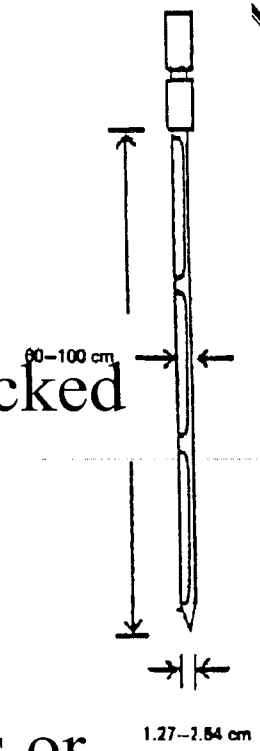


- Large trier
  - Large-grained solids



- Auger
  - Sand or packed powders and granules

Sampling Equipment



- Thief (a.k.a. grain sampler)
  - Dry powders or granules and sand or packed powders and granules
- Scoop
  - Moist powders or granules, dry powders or granules, sand or packed powders and granules, and large-grained solids

Waste Type	Drums	Sacks and Bags	Open-bed Trucks	Tanker Trucks	Storage Tanks, Rail Tank Cars, Bins	Waste Piles	Pits, Ponds, and Lagoons	Conveyer Belts	Pipes
Free-flowing liquids and slurries	COLIWASA	N/A	N/A	COLIWASA	Weighted Bottle	N/A	Dipper	N/A	Dipper
Sludges	Trier	N/A	Trier	Trier	Trier	*	*	*	*
Moist powders or granules	Trier	Trier	Trier	Trier	Trier	Trier	Trier	Shovel	Dipper
Dry powders or granules	Thief	Thief	Thief	Thief	*	Trier	Thief	Shovel	Dipper
Sand or packed powders and granules	Auger	Auger	Auger	Auger	Thief	Thief	*	Dipper	Dipper
Large-grained solids	Large Trier	Large Trier	Large Trier	Large Trier	Large Trier	Large Trier	Large Trier	Trier	Dipper

*This type of sampling situation can present significant sampling problems, and sampling equipment must be specifically selected or designed based on site and waste conditions. No general statement about sampling equipment can be made.

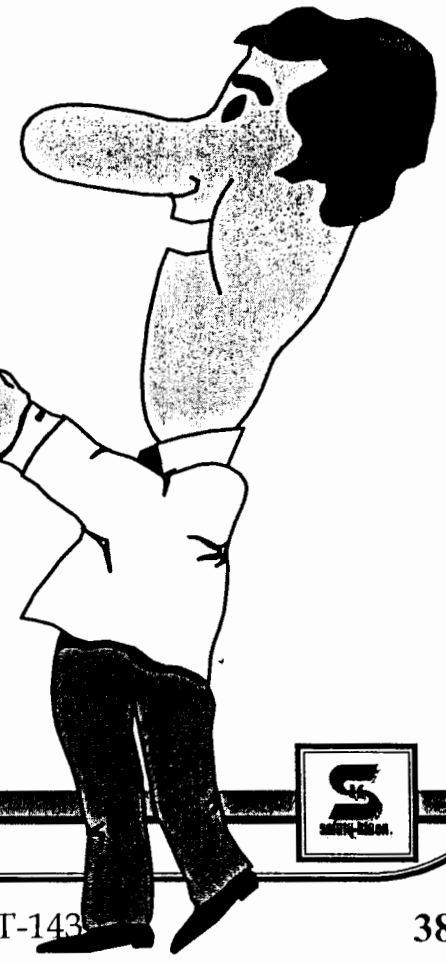
Source: Adapted from *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA Publication SW-846*

Clean Up

- Never leave clean-up materials at customers site.
- Bring all materials back to branch and properly dispose.

Training Exercise

1. Sampling Procedures Video
2. Hands-on Drum Sampling



ATTACHMENT 4
SECURITY PLAN

ATTACHMENT 4
SECURITY PLAN

4.1 INTRODUCTION

The following information has been provided to the New Mexico Environment Department by Safety-Kleen Systems Inc., (Facility), in accordance with the requirements of the New Mexico Hazardous Waste Management Regulations, 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(4)).

The Permittee shall ensure security throughout the Facility pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.14) and Permit Condition 2.7.

Security at the Facility shall be accomplished by six-foot high chain link fences topped with three strands of barbed wire surrounding the facility, locked access gates, and warning signs in English, Spanish, and Navajo. The fence line shall be maintained to prevent access underneath the fence that might develop due to erosion.

4.2 BARRIER AND MEANS TO CONTROL ENTRANCE

Safety-Kleen employs a number of measures to ensure adequate security in order to assure the protection of the Facility from entry by unauthorized personnel and wildlife.

All gates shall be maintained in a closed and locked condition during all periods of Facility non-working hours. All critical locks shall be changed when a Facility employee leaves the company or when a key is lost. During working hours, the gates shall be kept closed and locked or shall be observed by Facility personnel. Visitors shall not be allowed in the warehouse without an employee accompanying them. All visitors shall be required to sign a visitors log prior to movement in or around the Facility. Each visitor will be issued a visitor's badge that must be worn while the visitor is on site. The employee guide is responsible for ensuring that all visitors comply with these requirements.

4.3 DESCRIPTION OF WARNING SIGNS

Warning signs shall be posted at all of the Facility gates and several other fence locations around the Facility in such a manner as to be visible from all angles of approach. The warning signs shall be legible from a distance of at least 25 feet pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.14(c)). These signs shall also be posted at the Facility entry points and

where the perimeter fence approaches streets or active areas of the Facility.

ATTACHMENT 5
INSPECTION PLAN AND SCHEDULE

ATTACHMENT 5
INSPECTION PLAN AND SCHEDULE

5.1 INTRODUCTION

The RCRA inspection program is designed to assure protection of human health and the environment. This is accomplished by the routine examination of permitted units, equipment, and containment structures which, in the event of malfunction or deterioration which is not corrected within a timely manner, could jeopardize the health of persons or affect the environment at the Facility. Inspections are based upon a schedule, which identifies potential or actual non-compliance status of a unit, equipment, or containment structure in a manner that allows the owner/operator adequate time to repair or correct the deficiency found by the inspection.

This Attachment provides information on Safety-Kleen Systems Inc., (Safety-Kleen) Farmington, New Mexico Service Center (Facility), as required by the New Mexico Hazardous Waste Management Regulations, 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(5)) requiring 20.4.1.500 NMAC (incorporating 40 CFR 264.15), and Permit Condition 2.8.

Safety-Kleen personnel shall conduct regular inspections of all equipment and structures to prevent, detect, or respond to environmental or human health hazards. Inspection records shall be kept at the Safety-Kleen Systems Inc., Farmington, New Mexico Service Center administration building for 3 years from the date of the inspection as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.15(d)). The inspections shall cover malfunctions, deteriorations, operator errors, and discharges that may cause or lead to a release of hazardous waste constituents to the environment or may pose a threat to human health.

Facility personnel shall receive general training concerning hazardous waste inspections as part of Safety-Kleen's hazardous waste training program. Personnel responsible for inspecting particular equipment or areas of the facility shall receive on-the-job training in inspection procedures. Inspection procedures shall be kept in an operations manual and records of inspections shall be kept in the operating record pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(5)), which shall be located on-site in the office of the Branch Manager.

The Service Center Branch Manager or designate is responsible for conducting and documenting Facility inspections on a daily basis in accordance with this Permit. The Branch Manager or designate shall note any repairs that are needed and assure they are completed. If the repairs cannot be implemented by on-site

personnel, the Technical Services Department at Safety-Kleen's corporate headquarters shall be notified for assistance. Completion of repairs shall also be noted in the Facility Operating Record.

Safety-Kleen employees shall make daily rounds of the facility to detect any unauthorized entry to the Facility or any other abnormalities. The employees shall not use inspection checklists, but they shall notify the emergency coordinator and/or emergency response personnel of any spills or other emergencies.

5.2 INSPECTION SCHEDULE AND CHECKLIST

Permit Attachment 5-1 contains applicable inspection forms that shall be used at the Facility. These inspection sheets include records for the daily and weekly 12,000-gallon spent solvent tank inspection, daily Container Storage Unit (CSU) inspection, Facility inspection sheets, and the leak detection and repair record, ensuring that inspections occur at appropriate frequencies. The items to be inspected shall be placed on the schedule that is appropriate for the frequency of inspection to be performed. There is a section on each form for recording the name of the inspector, the date of the inspection, the nature of repairs performed and/or remedial action taken, with comments. The schedules shall be maintained and kept at the Facility.

5.2.1 Tank Inspections

The 12,000-gallon above ground storage tanks holding the solvent product and spent solvent shall be inspected daily. The inspections shall include checks of the high level alarm and the volume held in the tanks. Sudden deviations in the tank volumes will be investigated and their causes determined. If necessary, repairs shall be initiated immediately. When the spent solvent storage tank is approximately 85% full, a pickup shall be scheduled with Safety-Kleen's corporate dispatch department. The volume of spent solvent shall not exceed 95% of the tank volume at any time. The 12,000-gallon above ground storage tanks are also inspected for 40 CFR 264 Subpart CC compliance.

The secondary containment for the tanks shall also be checked for cracks or other deterioration. Any damage to the above ground storage tanks or secondary containment shall be noted and repairs initiated.

5.2.2 Solvent Dispensing Equipment

The solvent dispensing hose, connections, and valves shall be inspected for damage (such as cracks or leaks) and proper

functioning on a daily basis. The pumps, pipes, and fittings shall also be checked daily for damage and proper functioning. Any damage to the solvent dispensing equipment shall be noted and repaired. The parts washer solvent dispensing equipment shall also be inspected for 40 CFR 264 Subpart BB compliance.

5.2.3 Container Storage Unit

The Container Storage Unit (CSU) area shall be inspected on a daily basis and the number and material condition of the containers shall be notated. The total volume of waste in the CSU shall not exceed ten times the amount that can be collected in the CSU secondary containment system. The contents of any leaking or suspect containers shall be placed in a container of adequate integrity. All containers shall be properly labeled and marked in accordance with U.S. DOT and the New Mexico Hazardous Waste Regulations. The CSU secondary containment system shall be inspected for deterioration or failure. If cracks or leaks are detected during the inspection they shall be repaired immediately. Containers in the CSU shall also be inspected for 40 CFR 264 Subpart CC compliance.

5.2.4 Route Vehicles

Route vehicles shall be inspected daily. The necessary safety equipment shall be on board all route vehicles and shall include radios or cell phones, sorbents, a fire extinguisher, eyewash, first aid kit, reflector kits, rubber gloves, plastic aprons, and safety glasses. Any missing equipment shall be replaced immediately.

5.2.5 Drum Washer/Dumpsters

The drum washer/dumpster, located in the fill and return station, shall be inspected weekly for leaks and sediment buildup. Any leaks shall be noted and repaired immediately. Excess sediment shall be removed immediately.

5.2.6 Safety Equipment

Fire extinguishers shall be checked weekly to ensure that the units are charged and accessible. The operation of the eye wash station shall be tested weekly. The first aid kits and sorbents (spill kits) shall be inspected weekly for adequate content and accessibility. The list of emergency equipment is located in Attachment 6, *Preparedness and Prevention*.

5.2.7 Security

The operation of each gate and lock shall be checked daily. The Facility perimeter fence shall be checked weekly for deterioration.

ATTACHMENT 5-1
INSPECTION FORMS

EXAMPLE (A separate log must be completed for each storage area.)

DESCRIPTION OF AREA (e.g., [redacted], etc.) Front Warehouse Main Building South End

PERMITTED STORAGE VOLUME 3820 Gallons

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
DATE (M D Y)				
TIME				

CONTAINERS	MON.	TUES.	WED.	THURS.	FRI.
Total Volume* of Oil Filters ** waste:					
Total Volume of Aqueous ** waste:					
Total Volume of Sludge ** waste:					
Total Volume of Debris ** waste:					
Total Volume of Absorbent waste					
TOTAL VOLUME (IN GALLONS):					

A*** N A N A N A N A N

If 'N', circle appropriate problem: Total volume exceeds the amount for which the facility is permitted.
other: _____

Condition of Containers: A N A N A N A N A N

If 'N', circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion,
other: _____

Stacking/Placement/Aisle Space: A N A N A N A N A N

If 'N', circle appropriate problem: different from Part B Floor Plan, containers not on pallets, unstable stacks, broken or damaged pallets, other: _____

CONTAINMENT

Curbing, Floor and Sump(s): A N A N A N A N A N

(Any material which spills, leaks or otherwise accumulates in the secondary containment must be completely removed within 24 hours of it being discovered.)

If 'N', circle appropriate problem: ponding/wet spots, deterioration (cracks, gaps, etc.), displacement, leaks, inadequate sealant
other: _____

Loading/Unloading Area: A N A N A N A N A N

If 'N', circle appropriate problem: cracks, deterioration, ponding/wet spots, other: _____

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": _____

* When calculating total volumes, assume the containers are full.
** Enter a short description of the waste (e.g., M.S., I.C., paint, etc.) _____
*** A = Acceptable N = Not Acceptable

(IF AN ITEM IS NOT APPLICABLE, ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/NOT ACCEPTABLE' ROW)

FORM 1100-08-04

EXAMPLE

DESCRIPTION OF AREA (e.g., [redacted] etc.) Front Warehouse Main Building South End

PERMITTED STORAGE VOLUME 3820 Gallons

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
/ / DATE (M D Y)	/ /	/ /	/ /	/ /
TIME				

CONTAINERS	MON.		TUES.		WED.		THURS.		FRI	
Total Volume* of IC ** waste:										
Total Volume of Film ** waste:										
Total Volume of Fixer ** waste:										
Total Volume of Ink ** waste:										
Total Volume of FRS 65's waste:										
TOTAL VOLUME (IN GALLONS):										
	A	N	A	N	A	N	A	N	A	N

If 'N', circle appropriate problem: Total volume exceeds the amount for which the facility is permitted.
other: _____

Condition of Containers: A N A N A N A N A N

If 'N', circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion.
other: _____

Stacking, Placement/Aisle Space: A N A N A N A N A N

If 'N', circle appropriate problem: different from Part B Floor Plan, containers not on pallets, unstable stacks, broken or damaged pallets, other: _____

CONTAINMENT

Curbing, Floor and Sump(s): A N A N A N A N A N

(Any material which spills, leaks or otherwise accumulates in the secondary containment must be completely removed within 24 hours of it being discovered.)

If 'N', circle appropriate problem: ponding/wet spots, deterioration (cracks, gaps, etc.), displacement, leaks, inadequate sealant
other: _____

Loading/Unloading Area: A N A N A N A N A N

If 'N', circle appropriate problem: cracks, deterioration, ponding/wet spots, other: _____

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": _____

When calculating total volumes, assume the containers are full.
Enter a short description of the waste (e.g., M.S., I.C., paint, etc.) _____

*** A = Acceptable N = Not Acceptable

(IF AN ITEM IS NOT APPLICABLE, ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/NOT ACCEPTABLE' ROW)

FORM 1100-08-04

EXAMPLE Daily Inspection of STORAGE TANK SYSTEM

(A separate log must be completed for each tankfarm which contains a hazardous waste storage tank.)

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRID.

___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
DATE. (M D Y)				
_____	_____	_____	_____	_____
TIME				

STORAGE TANKS:
(TANKS MUST NEVER BE MORE THAN 95% FULL!)

	MON.	TUES.	WED.	THURS.	FRI.
_____ *Tank (in.)	/	/	/	/	/
_____ Tank (in./gal.)	/	/	/	/	/

Tank Exterior:	A**	N	A	N	A	N	A	N	A	N

If 'N', circle appropriate problem: rusty or loose anchoring, lack of grounding, wet spots, discoloration, leaks, distortion, other: _____

High Level Alarms:	A	N	A	N	A	N	A	N	A	N

If 'N', circle appropriate problem: malfunctioning "Power On" light, malfunctioning siren/strobe light, other: _____

Volume Gauges:	A	N	A	N	A	N	A	N	A	

If 'N', circle appropriate problem: disconnected, sticking, condensation, other: _____

CONTAINMENT AREA (Tank Dike)

Any material which spills, leaks or otherwise accumulates in the dike, including rainwater, must be completely removed within 24 hour

Bottom and Walls	A	N	A	N	A	N	A	N	A	N

If 'N', circle appropriate problem: cracks, debris in dike, open drums in dike, ponding/wet spots, stains, sealant is pitted, cracked chipped, deterioration, displacement, leaks, other: _____

Rigid Piping and Supports	A	N	A	N	A	N	A	N	A	N

If 'N', circle appropriate problem: distortion, corrosion, paint failure, leaks, other: _____

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": _____

_____

_____

_____

_____

***Fill in the Waste Type (e.g. Mineral Spirits)** ****A = Acceptable** **N = Not Acceptable**

(IF AN ITEM IS NOT APPLICABLE, ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/NOT ACCEPTABLE' ROW)

FORM 1100-08-03

EXAMPLE

Daily Inspection of **STORAGE TANK SYSTEM**

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

	MON.		TUES.		WED.		THURS.		FRI.	
TRANSFER PUMPS AND HOSES										
Pump Seals:	A*	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: leaks, other: _____										
Motors:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: overheating, other: _____										
Fittings:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: leaks, other: _____										
Valves:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: leaks, sticking, other: _____										
Hose Connections and Fittings:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: cracked, loose, leaks, other: _____										
Hose Body:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: crushed, thin spots, leaks, other: _____										
RETURN AND FILL STATION										
Wet Dumpster:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: sediment buildup, leaks, rust, split seams, distortion, deterioration, excess debris, other: _____										
Secondary Containment:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: sediment/liquid, leaks, deterioration, distortion, excess debris, other: _____										
Loading/Unloading Area:	A	N	A	N	A	N	A	N	A	N
If 'N', circle appropriate problem: cracks, ponding/wet spots, deterioration, other: _____										

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": _____

_____

_____

_____

_____

_____

***A = Acceptable** **N = Not Acceptable**

(IF AN ITEM IS NOT APPLICABLE, ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/NOT ACCEPTABLE' ROW)

FORM 1100-08-03

EXAMPLE INSPECTION LOG SHEET FOR:

Weekly Inspection of **SAFETY AND EMERGENCY EQUIPMENT, SECURITY DEVICES AND MISCELLANEOUS EQUIPMENT**

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE: (SIGN ON THE DAY INSPECTION IS PERFORMED; PERFORM INSPECTION ON THE SAME DAY EVERY WEEK.)				
MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**
___/___/___ DATE: (M / D / Y)	___/___/___	___/___/___	___/___/___	___/___/___
_____ TIME	_____	_____	_____	_____

SAFETY AND EMERGENCY EQUIPMENT

Fire Extinguishers: A N

If 'N', circle appropriate problem: overdue inspection, inadequately charged, inaccessible, other: _____

Eyewash and Shower: A N

If 'N', circle appropriate problem: disconnected or malfunctioning valves, inadequate pressure, inaccessible, malfunctioning drai leaking, other: _____

First Aid Kit: A N

If 'N', circle appropriate problem: inadequate inventory, other: _____

Spill Cleanup Equipment: A N

If 'N', circle appropriate problem: inadequate supply of sorbent, towels and/or clay, inadequate supply of shovels, mops, empty drums, wet/dry vacuum, other: _____

Personal Protection Equipment: A N

If 'N', circle appropriate problem: inadequate supply of malfunctioning or inadequate aprons, gloves, glasses, respirator emergency respirators, emergency respirator is missing components, items requiring security or clean environment are exposed the environment, other: _____

Communication Devices: A N

If 'N', circle appropriate problem: inadequate supply of telephones, malfunctioning telephone(s), malfunctioning intercom, emergency alarm does not work, telephones are not located where needed, other: _____

SECURITY DEVICES

Gates and Locks: A N

If 'N', circle appropriate problem: sticking, corrosion, lack of warning signs, fit, other: _____

Fence: A N

If 'N', circle appropriate problem: broken ties, corrosion, holes, distortion, other: _____

MISCELLANEOUS EQUIPMENT

Dry Dumpster: A N

If 'N', circle appropriate problem: rust, corrosion, split seams, distortion, deterioration, excess debris, liquids in unit, other: _____

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": _____

_____

_____

* **A = Acceptable** **N = Not Acceptable**

(IF AN ITEM IS NOT APPLICABLE, ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/NOT ACCEPTABLE' ROW)

FORM 1100-08-05

EXAMPLE

INSPECTION LOG SHEET FOR:
Daily Inspection of **TANK EQUIPMENT**

INSPECTOR'S NAME/TITLE _____

INSPECTOR'S SIGNATURE:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRID

DATE: (M D Y) ___/___/___ ___/___/___ ___/___/___ ___/___/___ ___/___/___

TIME _____ _____ _____ _____ _____

Pump, Flange, or Valve Number	MON.		TUES.		WED.		THURS.		FRI.	
1 2 *	A**	N	A	N	A	N	A	N	A	N
2 4	A	N	A	N	A	N	A	N	A	N
3 5	A	N	A	N	A	N	A	N	A	N
4 13	A	N	A	N	A	N	A	N	A	N
5 14	A	N	A	N	A	N	A	N	A	N
6 18	A	N	A	N	A	N	A	N	A	N
7 19	A	N	A	N	A	N	A	N	A	N
8 20	A	N	A	N	A	N	A	N	A	N
9 21	A	N	A	N	A	N	A	N	A	N
10 22	A	N	A	N	A	N	A	N	A	N
11 23	A	N	A	N	A	N	A	N	A	N
12 24	A	N	A	N	A	N	A	N	A	N
13 26	A	N	A	N	A	N	A	N	A	N
14 26	A	N	A	N	A	N	A	N	A	N
15 47	A	N	A	N	A	N	A	N	A	N
16 Auxiliary Pipe	A	N	A	N	A	N	A	N	A	N
17	A	N	A	N	A	N	A	N	A	N
18	A	N	A	N	A	N	A	N	A	N
19	A	N	A	N	A	N	A	N	A	N
20	A	N	A	N	A	N	A	N	A	N
21	A	N	A	N	A	N	A	N	A	N
22	A	N	A	N	A	N	A	N	A	N
23	A	N	A	N	A	N	A	N	A	N
24	A	N	A	N	A	N	A	N	A	N
25	A	N	A	N	A	N	A	N	A	N
26	A	N	A	N	A	N	A	N	A	N
27	A	N	A	N	A	N	A	N	A	N
28	A	N	A	N	A	N	A	N	A	N
29	A	N	A	N	A	N	A	N	A	N
30	A	N	A	N	A	N	A	N	A	N
31	A	N	A	N	A	N	A	N	A	N
32	A	N	A	N	A	N	A	N	A	N
33	A	N	A	N	A	N	A	N	A	N
34	A	N	A	N	A	N	A	N	A	N
35	A	N	A	N	A	N	A	N	A	N
36	A	N	A	N	A	N	A	N	A	N
37	A	N	A	N	A	N	A	N	A	N
38	A	N	A	N	A	N	A	N	A	N
39	A	N	A	N	A	N	A	N	A	N
40	A	N	A	N	A	N	A	N	A	N

If 'N', enter pump or valve # _____ and circle appropriate problem: potential leak, active leak, sticking, wear, does not ope smoothly, other: _____

For all leaks and potential leaks, the Leak Detection and Repair Record **must** be completed.

*** Add short descriptions of unit being inspected (e.g. gate valve, dumpster flange, dumpster pump, etc.)**

**** A = Acceptable N = Not Acceptable**

Draw a line through valve and pump I.D. numbers which do not apply.

FORM 1100-08-03

EXAMPLE

Subpart CC Visual Inspection Checklists

End of Week Container Inspection

End of Week Container Inspection- Complete this checklist on the last day of the service week when the facility inspection will not be conducted within 24 hours. This inspection on containers will supplement container inspections completed during facility inspections during the work week.

Inspector Name: _____ Signature: _____

Date of inspection: _____

Condition of containers: (Circle "A" if the condition of all containers is acceptable; circle "N" if the condition of one or more containers is not acceptable.)

A N

If "N", circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion, other: _____.

Action taken to correct unacceptable condition:

_____.

Front

Annual Visual Tank Inspection

Visual Tank Inspection- Complete this inspection once in January and once in July to satisfy the annual inspection required under Subpart CC.

Inspector Name: Signature: _____

EXAMPLE
~~FIGURE 4~~

VISUAL INSPECTION RECORDS

Facility: Safety-Kleen Corp. (City): _____

A. Visual Inspection Record

(Frequency of Inspections Required by Permit: _____)

Date of storm event observed: _____

Duration of storm event observed: _____

Potential Sources of Storm-Water Contamination Inspected
(List From Worksheet #2)

Potential Source	Inspected (Check if yes)

Storm-Water outfalls (pipes, ditches, channels) inspected

Outfall	Inspected (Check if yes)

Presence of floating and/or suspended material?	Yes No
Presence of oil and grease?	Yes No
Presence of stains or discolorations?	Yes No
Presence of turbidity or odor?	Yes No
Any other potential pollutants?	Yes No

If yes above, describe and explain if possible. Identify each source and/or outfall where pollutants were observed: _____

_____

_____

Inspector's Name: _____

Date: _____

EXAMPLE Front EHS #10

LEAK DETECTION AND REPAIR RECORD

EQUIPMENT I.D.# _____ BRANCH # _____
DESCRIPTION _____

	DATE	INSPECTOR'S SIGNATURE
HOW WAS POTENTIAL OR ACTUAL LEAK DETECTED? _____	_____	_____
DESCRIBE THE POTENTIAL OR ACTUAL LEAK: _____		
INSTRUMENT MONITORING WITHIN FIVE DAYS	_____	_____
(1.) RESULTS _____		
REPAIR ATTEMPT METHOD _____	_____	_____
(2.) RESULTS _____		
REPAIR ATTEMPT METHOD _____	_____	_____
(3.) RESULTS _____		
DATE OF SUCCESSFUL REPAIR (must be completed w/in 15 days)	_____	_____
METHOD _____		
(4.) RESULTS _____		
FOLLOWUP MONTHLY MONITORING FOR VALVES		
(5.) RESULTS _____	_____	_____
(6.) RESULTS _____	_____	_____

MONITORING SUMMARY

	(REFERENCE NUMBER - SEE ABOVE)					
	(1)	(2)	(3)	(4)	(5)	(6)
INSTRUMENT #/OPERATOR	___	___	___	___	___	___
CALIBRATION	___	___	___	___	___	___
BACKGROUND READING	___	___	___	___	___	___
READING AT EQUIPMENT	___	___	___	___	___	___
LEAK DETECTED?	___	___	___	___	___	___

ATTACH ANY DOCUMENTATION PREPARED BY THE CONSULTANT

EXAMPLE

~~FIGURE 4~~

VISUAL INSPECTION RECORDS

Facility: Safety-Kleen Corp. (City): _____

A. Visual Inspection Record

(Frequency of Inspections Required by Permit: _____)

Date of storm event observed: _____

Duration of storm event observed: _____

Potential Sources of Storm-Water Contamination Inspected
(List From Worksheet #2)

Potential Source	Inspected (Check if yes)

Storm-Water outfalls (pipes, ditches, channels) inspected

Outfall	Inspected (Check if yes)

Presence of floating and/or suspended material?	Yes No
Presence of oil and grease?	Yes No
Presence of stains or discolorations?	Yes No
Presence of turbidity or odor?	Yes No
Any other potential pollutants?	Yes No

If yes above, describe and explain if possible. Identify each source and/or outfall where pollutants were observed: _____

_____

_____

Inspector's Name: _____

Date: _____

ATTACHMENT 5-2
VAPOR PRESSURE SUMMARY AND SUBPART CC COMPLIANCE

Safety-Kleen Solvents
Vapor Pressure Summary
(Isoteniscope Method)

Product Name	Product Number	68^0 F (20^0 C)				100^0 F (38^0 C)			
		mm-Hg	psia	K Pa	atm	mm-Hg	psia	K Pa	atm
S-K 105	6614 (CA) 6617 (Non-CA)	2	0.039	0.267	.003	6	0.116	0.800	0.008
S-K 140	6616	<1	<0.019	<0.133	<0.001	1.5	0.029	0.200	0.002
S-K 150 (Premium)	6605	.6	0.012	0.080	0.001	1.7	0.033	0.227	0.002
Immersion Cleaner	699	<0.41	<0.0079	<0.055	–	–	–	–	–
Actrel PC-95	6608	.02	0.0004	0.003	0.001	–	–	–	–
Heavy Duty Lacquer Thinner	6782	75-94.7	1.45-1.83	10-12.6	0.10-0.134	–	–	–	–
Low V.P. Lacquer Thinner	6664	24-35	0.46-0.68	3.20-4.67	0.03-0.05	–	–	–	–

(LLS) Light liquid service >0.3 kPa @ 20°C
waste solvent

SUBPART CC COMPLIANCE PLAN

Safety-Kleen Systems, Inc.
4210A Hawkins Road
Farmington, New Mexico
NMD980698849

The Safety-Kleen Farmington, New Mexico facility shall control air pollutant emissions from waste management units at this facility pursuant to the requirements of RCRA Subpart CC, through implementation of this compliance plan.

The following plan describes this facility's waste determination procedures, tank and container design/management practices, organic emission controls, inspection and monitoring, and recordkeeping and reporting, pursuant to requirements/standards promulgated under RCRA Subpart CC.

Waste Determination Procedures

For purposes of waste determination, this facility utilizes knowledge developed in the Waste Characteristics portion of the Operation Plan/Permit. For those hazardous waste which are managed on a transfer basis, and which are not described in the Operation Plan/Permit, the Subpart CC regulation does not apply. However, the owner/operator may use knowledge of the waste based on information included in manifests, shipping papers, or waste certification notices to confirm waste determination for the generator or the ultimate receiving facility.

Based upon this knowledge, it has been determined that all wastes managed in tanks or containers at this facility may display an average volatile organic concentration of greater than 500 ppmw at the point of waste origination. Therefore, all hazardous wastes managed in tanks or containers at this facility shall be managed in accordance with the applicable Subpart CC standards.

Point of Waste Origination

The point of waste origination for all wastes generated offsite and transported to the site in closed containers, which are subsequently managed in tanks or containers at this facility, is effectively the site boundary at the entrance gate.

For those hazardous wastes generated onsite, the point of waste origination is the point of waste generation, as previously defined in RCRA.

Tanks

Tanks which manage organic wastes at this facility are described in detail in the Operation Plan/Permit. Certain features of these units, as they relate to the Subpart CC standards, are described below.

Waste mineral spirits USTs and ASTs are fixed roof, non-pressurized, quiescent tanks. All waste tanks at the facility are Level 1 tanks under Subpart CC. The tank design capacity is less than 20,000 gallons, and the waste in these tanks exhibits a vapor pressure of less than 76.6 kPa (11.1 psi). The actual vapor pressure of the waste managed in tanks is ≈0.2 psia. The maximum organic vapor pressure is determined

264.1084(b)(1)(i)(c)

using knowledge of the waste pursuant to 265.1084(c)(4). Documentation for the basis of this determination is found in the Waste Characteristics portion of the Operation Plan/Permit.

These tanks are designed so that all cover openings can be closed with no visible gaps, holes, cracks, or other open spaces into the interior of the tank. The cover and all cover openings operate with no detectable emissions when in a closed position. Cover openings are maintained in a closed position at all times except when waste is being added to or removed from the tank, or when necessary sampling or repair/maintenance is performed on the tanks.

These tanks are vented to the atmosphere through a safety device (conservation vent) which has been designed to operate with no detectable organic emissions when the device is in the closed position. In addition, these tanks are designed with a long-bolted manway pressure relief device, which remains in the closed position when not in use to relieve pressure.

The drum washing units at this facility are fixed roof, Level 1 tanks. These tanks are kept closed except when adding or removing wastes, sampling, or performing routine maintenance that requires the lid to be open.]

Containers

Containers which manage organic wastes at this facility are described in detail in the Operation Plan/Permit. Certain features of these units, as they relate to the Subpart CC regulations, are described below.

Containers managing hazardous wastes at this facility generally fall into three categories. (1) Those hazardous waste containers that are less than 26 gallons in capacity are wholly exempt from consideration under Subpart CC. S-K manages wastes with vapor pressures greater than 0.3 kPa at 20 ° C (e.g. lacquer thinner) in containers less than 26 gallons. In addition, containers of wastes that are transferred through the facility are still "in the course of transportation," and therefore are exempt from Subpart CC. (2) Containers with capacities between 26 and 122 gallons are all Level 1 containers, and generally meet the Level 1 standards as covered containers designed and operated with no gaps, holes, cracks, or other open spaces into the container. In addition, all Safety-Kleen containers used to manage waste meet applicable U.S. DOT regulations on packaging hazardous materials for transportation. S-K does not typically manage wastes with vapor pressures greater than 0.3 kPa at 20 ° C in containers with capacities between 26 and 122 gallons. Non-typical wastes that may be received in containers between 26 and 122 gallons and have vapor pressures that are greater than 0.3 kPa at 20 ° C, are managed "in the course of transportation" and are exempt from Subpart CC, as described in 1) above. (3) Containers with capacities greater than 122 gallons that manage hazardous wastes at this facility are not in light material service (i.e. containers greater than 122 gallons are not used to manage wastes with vapor pressures greater than 0.3 kPa at 20 ° C). Containers greater than 122 gallons are however, Level 1 covered containers designed and operated with no gaps, holes, cracks, or other open spaces into the container. In addition, all Safety-Kleen containers used to manage wastes comply with applicable U.S. DOT regulations on packaging hazardous materials for transportation.

122 gal = 0.46 m^3

Inspection and Monitoring

Hazardous wastes accepted from off-site generators are already containerized when the facility accepts the waste. Such containers are visually inspected either at the time they are unloaded for storage or

staged for transfer at the facility, or during the daily facility inspection. The inspection occurs within 24 hours of the waste's arrival at the facility. This written plan and schedule to perform the inspections is incorporated in the facility inspection plan by this reference.

An initial visual tank inspection was conducted on August 24, 1992. No defects were noted on Tanks No. _____ which could result in air pollutant emissions.

Visual tanks inspections shall be conducted on an annual basis.

Recordkeeping

Documentation of tank and tank cover design: See Operation Plan/Permit.

Documentation of waste determination: See Waste Characteristics portion of Operation Plan/Permit.

Records of all visual inspection: See daily facility inspection records, and enclosed record of initial tank inspection.

Listing of all tanks, by unique identifying number, which are difficult or unsafe to inspect: See enclosed.

Results of the determination of the maximum vapor pressure of waste in tanks and record of the tank dimensions and design capacity: See Operation Plan/Permit.

Subpart CC Visual Inspection Checklists

End of Week Container Inspection

End of Week Container Inspection- Complete this checklist on the last day of the service week when the facility inspection will not be conducted within 24 hours. This inspection on containers will supplement container inspections completed during facility inspections during the work week.

Inspector Name: _____ Signature: _____

Date of inspection: _____

Condition of containers: (Circle "A" if the condition of all containers is acceptable; circle "N" if the condition of one or more containers is not acceptable.)

A N

If "N", circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion, other: _____.

Action taken to correct unacceptable condition: _____.

Annual Visual Tank Inspection

Visual Tank Inspection- Complete this inspection once in January and once in July to satisfy the annual inspection required under Subpart CC.

Inspector Name: _____ Signature: _____

Date of inspection: _____

Defects Noted: _____.

Action taken to correct unacceptable condition: _____.

Tank inspection difficult or unsafe: _____.

ATTACHMENT 5-3
EQUIPMENT INVENTORY FOR INSPECTIONS

EQUIPMENT INVENTORY

TO BE FILLED OUT AT THE BRANCH AND KEPT IN THE OPERATING RECORD (FILE 1070) WITH THE SITE PLAN AND PUMP AND VALVE LIST

Listed on the attached pump list and valve list is all equipment at the facility which is subject to the requirements of 40 CFR 264 and 265, Subpart BB. The equipment is also identified on the attached site plan.

The hazardous waste influent to and effluent from the hazardous waste management unit(s) is spent mineral spirits (D001, D004-D011, D018, D019, D021-D030 and D032-D043). Tanks are used for storage of spent mineral spirits which is usually 100% by weight organic. The vapor pressure of mineral spirits at 68° F is 0.27 kPa (equivalent to 2 mm Hg - see MSDS and the attached EPA guidance document page). The waste stream has a vapor pressure equal or lower than that of the clean mineral spirits due to contamination during use with oil, grease and sediment and it is in a liquid state at the equipment, so all equipment is in contact with materials defined as heavy liquid under the cited regulations.

NA – ~~Equipment associated with the waste antifreeze tank(s) is also in heavy liquid service. Ethylene glycol has a vapor pressure at 68°F of .08 mm Hg or 0.01 kPa and is usually 100% organic.~~

Compliance with the standard (264.1058) will be achieved through daily facility inspections, and if required, leak detection monitoring and repair. The facility inspection record has been updated to include a detailed daily equipment inspection. Records of equipment monitoring and repair are maintained on a separate form in the operating record.

2. Revised Facility Inspection Record

An additional page has been added to the facility inspection record (file 1210) for the daily inspection of equipment. You should begin using it on December 21, 1990. If a potential leak is discovered (by visual evidence or excessive odor) note it as "N" on the form and follow procedures in #3 below.

3. Leak Detection and Repair Record

After detection of a potential or actual leak, a pump or valve must be monitored with a photoionizer-type instrument within five days. If the instrument reading is 10,000 ppm or greater, a leak is confirmed and a repair must be made within 15 days. Contact your Regional Environmental Engineer immediately to arrange for the equipment to be monitored by a local environmental consultant.

The third form must only be completed for each potential or actual leak detected. The piece of equipment must be tagged with the I.D. number, date of potential or actual leak detection and date of leak confirmation. Tags may be obtained from Tech. Services. After a valve has been repaired, it must be monitored monthly by a consultant using a photoionization detector. After two successive months with no leak detection, the identification may be removed and monitoring discontinued. For other equipment, such as pumps, the tag may be removed after a successful repair. This form must be kept in a new file (1220.2 - Leak Detection and Repair Record).

MASTER LIST

DATE 03-07-91
BRANCH # 7-008-21
PREPARER'S SIGNATURE

HAZARDOUS WASTE - HEAVY LIQUID

SIZE	INDIVIDUAL NUMBER	TYPE	HAZARDOUS WASTE MANAGEMENT UNIT	LOCATION
1½"	45	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP INSIDE BARREL WASHER RIGHT SIDE	Refer to site plan
1½"	44	BALL VALVE	ON/OFF DISCHARGE SIDE OF RECIRCULATING PUMP MID RIGHT SIDE OF BARREL WASHER	
1½"	43	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP MID RIGHT SIDE OF BARREL WASHER	
1½"	42	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP LOWER RIGHT SIDE OF BARREL WASHER	
- -	4	PUMP	RECIRCULATING PUMP LOWER RIGHT SIDE OF BARREL WASHER	
2"	46	UNION	SUCTION SIDE RECIRCULATING PUMP LOWER RIGHT SIDE OF BARREL WASHER	
2"	26	BALL VALVE	ON/OFF SUCTION SIDE TRASH PUMP CENTER UNDER BARREL WASHER	
- -	5	PUMP	TRASH PUMP LOWER LEFT FRONT OF BARREL WASHER	
2"	14	FLANGE/UNION	DISCHARGE SIDE OF TRASH PUMP LOWER LEFT FRONT OF BARREL WASHER	
2"	47	BALL VALVE	ON/OFF SUCTION SIDE OF TRASH PUMP FOR SUMP LOWER LEFT SIDE OF PUMP	
3"	18	VALVE	INTERNAL EMERGENCY VALVE (UPPER POSITION) WASTE TANK PICK-UP BOTTOM/CENTER	
3"	19	VALVE	GATE VALVE (LOWER POSITION)(NONLOCKING) WASTE TANK PICK-UP BOTTOM/CENTER/FRONT	
3"	20	FLANGE	OPTIONAL/UNION WASTE TANK PICK-UP BOTTOM/CENTER/FRONT	
3"	21	FLANGE	OPTIONAL/UNION WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF CONTAINMENT	
3"	22	VALVE	SWING CHECK VALVE WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF CONTAINMENT	
3"	23	VALVE	LOCKING GATE VALVE WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF CONTAINMENT	
2½"	15	Flange	Flange/union	
3"	17	Flange	Locking gate valve	
3"	24	Flange	Locking gate valve	

FLANGE LIST

PAGE

DATE 03-07-91
BRANCH # 7-008-21
PREPARER'S SIGNATURE

HAZARDOUS WASTE - HEAVY LIQUID

FLANGE SIZE	INDIVIDUAL FLANGE NUMBER	FLANGE TYPE	HAZARDOUS WASTE MANAGEMENT UNIT	LOCATION
1½"	45	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP INSIDE BARREL WASHER RIGHT SIDE	Refer to site plan
1½"	43	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP MID RIGHT SIDE OF BARREL WASHER	
1½"	42	UNION	DISCHARGE SIDE OF RECIRCULATING PUMP LOWER RIGHT SIDE OF BARREL WASHER	
2"	46	UNION	SUCTION SIDE RECIRCULATING PUMP LOWER RIGHT SIDE OF BARREL WASHER	
2"	14	FLANGE/UNION	DISCHARGE SIDE OF TRASH PUMP LOWER LEFT FRONT OF BARREL WASHER	
3"	20	FLANGE	OPTIONAL/UNION WASTE TANK PICK-UP BOTTOM/CENTER/FRONT	
3"	21	FLANGE	OPTIONAL/UNION WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF	CONTAINMENT
1"	3	Swing valve	Swing valve cut-off for drip can container	

DATE 03-07-91

BRANCH # 7-008-21

PREPARER'S SIGNATURE

PUMP LIST

HAZARDOUS WASTE - HEAVY LIQUID

PUMP NUMBER	PUMP DESCRIPTION	HAZARDOUS WASTE MANAGEMENT UNIT	LOCATION
4	RECIRCULATING PUMP	SPENT SOLVENT STORAGE TANK	Refer to site plan
5	TRASH RETURN PUMP	SPENT SOLVENT STORAGE TANK	

VALVE LIST

DATE 03-07-91

BRANCH # 7-008-21

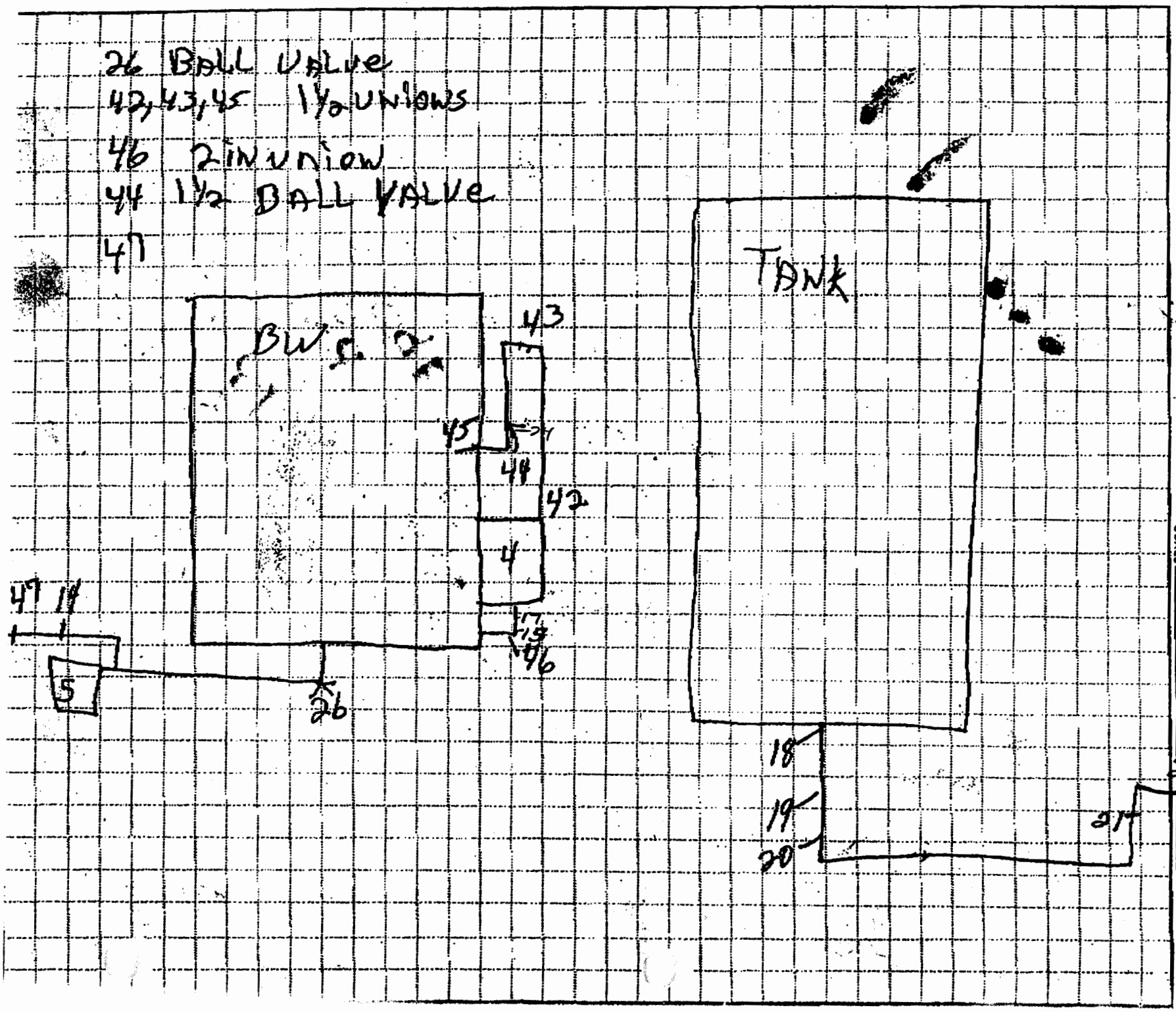
PREPARER'S SIGNATURE

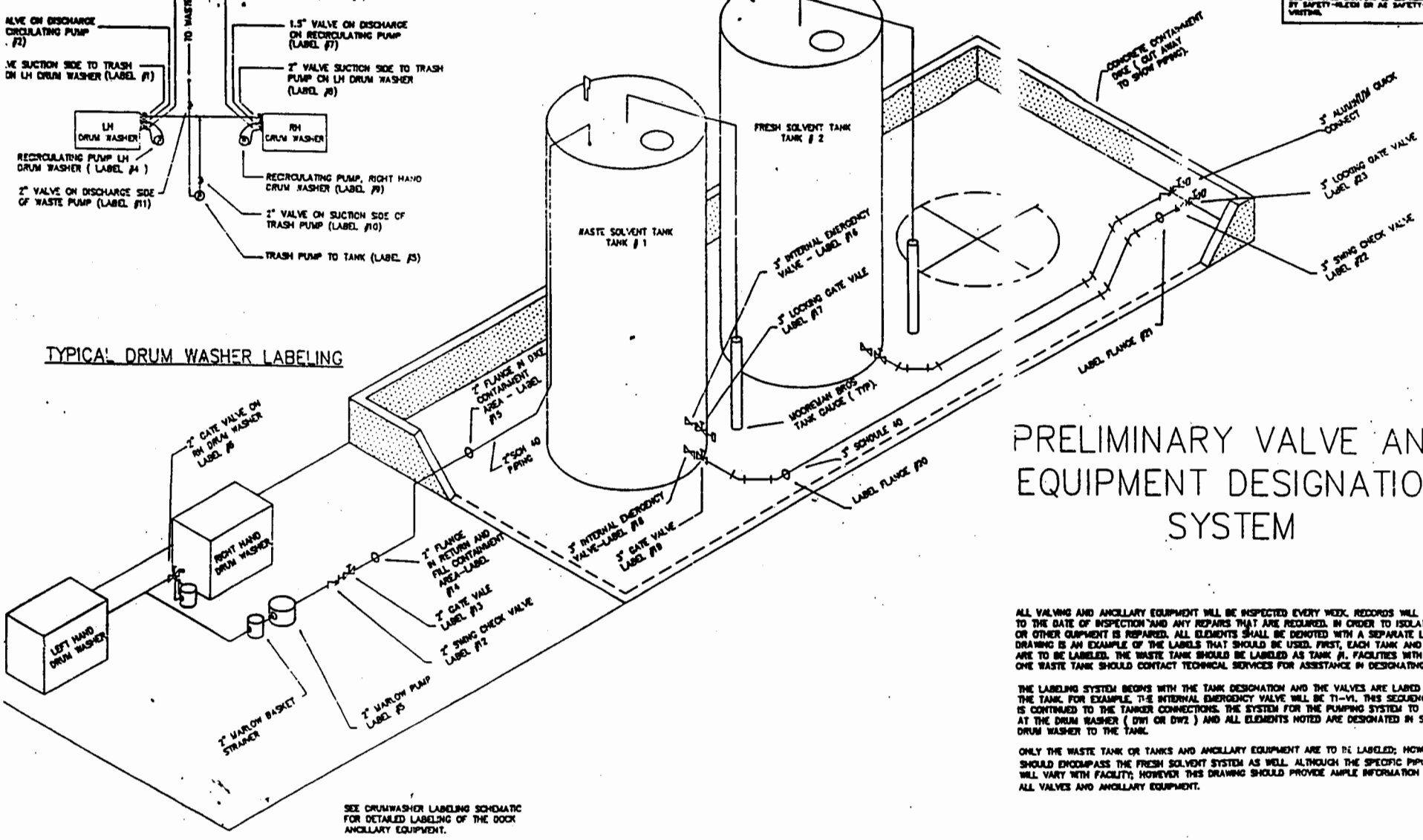
HAZARDOUS WASTE - HEAVY LIQUID

VALVE SIZE	INDIVIDUAL VALVE NUMBER	VALVE TYPE	HAZARDOUS WASTE MANAGEMENT UNIT	LOCATION
1½"	44	BALL VALVE	ON/OFF DISCHARGE SIDE OF RECIRCULATING PUMP MID RIGHT SIDE BARREL WASHER	Refer to site plan
2"	26	BALL VALVE	ON/OFF SUCTION SIDE TRASH PUMP CENTER UNDER BARREL WASHER	
3"	18	INTERNAL VALVE	INTERNAL EMERGENCY VALVE (UPPER POSITION) WASTE TANK PICK-UP BOTTOM/CENTER	
3"	19	GATE VALVE	GATE VALVE (LOWER POSITION)(NONLOCKING) WASTE TANK PICK-UP BOTTOM/CENTER/FRONT	
3"	22	SWING GATE VALVE	SWING CHECK VALVE WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF CONTAINMENT	
3"	23	LOCKING GATE VALVE	LOCKING GATE VALVE WASTE TANK PICK-UP AT TANKER CONNECTION SE CORNER OF CONTAINMENT	

SOUTHWEST
INDUSTRIAL CONSTRUCTORS, INC.
121 Exposition Street
DENTON, TEXAS 76205
(817) 566-1899
FAX (817) 898-1035

JOB ____ SHEET NO. ____ OF ____
CALCULATED BY ____ DATE ____
CHECKED BY ____ DATE ____
SCALE ____





PRELIMINARY VALVE AND EQUIPMENT DESIGNATION SYSTEM

ALL VALVING AND ANCILLARY EQUIPMENT WILL BE INSPECTED EVERY WEEK. RECORDS WILL BE KEPT AS TO THE DATE OF INSPECTION AND ANY REPAIRS THAT ARE REQUIRED. IN ORDER TO ISOLATE WHICH VALVE OR OTHER EQUIPMENT IS REPAIRED. ALL ELEMENTS SHALL BE DENOTED WITH A SEPARATE LABEL. THIS DRAWING IS AN EXAMPLE OF THE LABELS THAT SHOULD BE USED. FIRST, EACH TANK AND DRUM WASHER ARE TO BE LABELED. THE WASTE TANK SHOULD BE LABELED AS TANK #1. FACILITIES WITH MORE THAT ONE WASTE TANK SHOULD CONTACT TECHNICAL SERVICES FOR ASSISTANCE IN DESIGNATING THE OTHER TANKS.

THE LABELING SYSTEM BEGINS WITH THE TANK DESIGNATION AND THE VALVES ARE LABED IN SEQUENCE FROM THE TANK. FOR EXAMPLE, THE INTERNAL EMERGENCY VALVE WILL BE T1-V1. THIS SEQUENCE IS CONTINUED TO THE TANKER CONNECTIONS. THE SYSTEM FOR THE PUMPING SYSTEM TO THE TANK BEGINS AT THE DRUM WASHER (DW1 OR DW2) AND ALL ELEMENTS NOTED ARE DESIGNATED IN SEQUENCE FROM THE DRUM WASHER TO THE TANK.

ONLY THE WASTE TANK OR TANKS AND ANCILLARY EQUIPMENT ARE TO BE LABELED; HOWEVER THE INSPECTION SHOULD ENCOMPASS THE FRESH SOLVENT SYSTEM AS WELL. ALTHOUGH THE SPECIFIC PIPING CONFIGURATION WILL VARY WITH FACILITY; HOWEVER THIS DRAWING SHOULD PROVIDE AMPLE INFORMATION TO PROPERLY LABEL ALL VALVES AND ANCILLARY EQUIPMENT.

NO.	DESCRIPTION	BY	CHK	APPR	DATE
01	REVISED TO SHOW TAG LABELING	ALI			2-5-9

REVISIONS

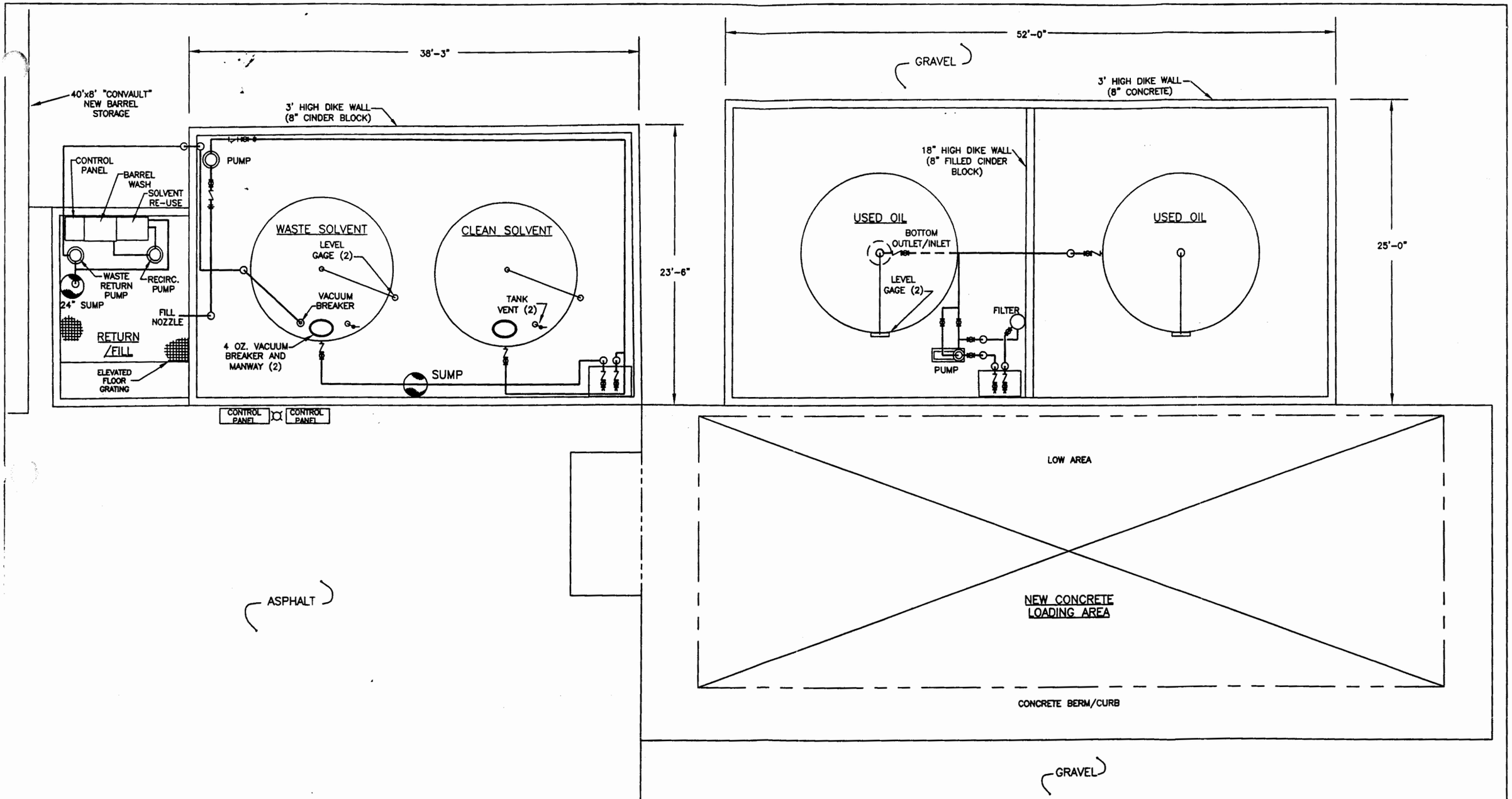
TITLE: PRELIMINARY TANK FARM DESIGNATION SYSTEM

SAFETY-KLEEN CORP.

SCALE	BY	CHKD	P.E. APPR	OP. APPR	DATE
NTS	VEY	VEY	-	-	

SERVICE CENTER BRANCH AT LABELING

ISD-3000-



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dim ions and existing conditions on F y 28, 2001. Items inaccessible to vi observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

EXPLANATION

- BALL VALVE
- THREADED UNION
- BASKET STRAINER
- SAFETY/CHECK VALVE

N

0 8 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

SUBPART BB INSPECTION
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 933-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 3/19/01	Reference: 333TKFARM

ATTACHMENT 6
PREPAREDNESS AND PREVENTION

ATTACHMENT 6
PREPAREDNESS AND PREVENTION

6.1 INTRODUCTION

This section provides preparedness and prevention information on Safety-Kleen Systems Inc., (Safety-Kleen) Farmington, New Mexico Service Center (Facility), as required by the New Mexico Hazardous Waste Management Regulations, 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(6)) requiring 20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart C), and Permit Condition 2.12.

Safety-Kleen employees shall perform their duties in the safest, most efficient manner possible. The Farmington Service Center has been equipped to facilitate these activities.

6.2 PREVENTATIVE MEASURES

The Safety-Kleen Systems Inc., Farmington, New Mexico Service Center (Safety-Kleen) shall be operated using a variety of procedures and equipment that minimize the potential for various hazards. The number one priority at Safety-Kleen is the protection of the employees and the environment.

6.2.1 Prevention of Hazards During Unloading

Unloading hazards shall be reduced through procedures, structural features and equipment used at the CSU. Containerized wastes shall be unloaded and loaded only at the truck dock near the return and fill station and the CSU.

Containers of product or waste shall be moved using a handcart or placed on pallets, and moved with a forklift or pallet jack. Upon arrival at the Facility, containers of spent solvent shall immediately be added to the storage tank of placed in the CSU. Open containers of solvent shall not be left unattended.

Safety-Kleen shall maintain hand trucks and safety-rated forklifts specifically designed for hazardous waste container carrying. Containers shall not be lifted more than a few inches above the bed of a trailer before the forklift can back away and lower the containers to a few inches above the floor of the loading dock.

6.2.2 Prevention of Flooding and Run-Off from Waste Handling Areas

The sloping pavement adjoining the warehouse building minimizes flooding of the hazardous waste storage building. This allows any rain that might land near the building to flow away from,

instead of towards, the building. The entrance into the CSU is sloped thereby minimizing the potential of any run-on from entering the CSU.

6.2.3 Prevention of Water Supply Contamination

All the measures discussed in the section above should help to decrease the chance of contamination of water supply. All waste handling shall be performed over concrete and any spills or leaks that do occur shall be cleaned up immediately.

6.2.4 Mitigation of Effects of Equipment Failures and/or Power Outage

Power outages and equipment failures do not create problems in the CSU for the following reasons:

1. Natural lights, as well as standard lighting, illuminate the storage section of the CSU.

2. Shouting would be the most effective means of warning employees to evacuate since the intercom will not work during a power outage.

3. Emergency exit signs shall be self-illuminating and visible without electric power.

6.2.5 Prevention of Undue Exposure of Personnel to Hazardous Waste

Training is the key to the prevention of employee exposure. All personnel at the Facility shall be trained in procedures for properly performing CSU and tank transferring operations including handling hazardous wastes and responding to emergency situations. Included in the training shall be instruction in the use and care of personal protective equipment and the location and use of safety showers and eyewash units which are located at strategic points throughout the Facility.

All employees shall be provided with protective equipment, which includes, but is not limited to, hard hats, eye protection, steeled-toed boots, respirators, protective overalls and chemically resistant aprons. Employees and visitors shall be required to wear eye protection in the warehouse, on the docks and in the yard at all times. Hard hats shall be worn in the warehouse when transferring containerized wastes.

When transferring wastes or cleaning up hazardous waste spills is required, the worker(s) shall wear the appropriate personal protective equipment.

6.2.6 Prevention of Releases to the Atmosphere

In addition to the precautions taken at the CSU to prevent releases, Safety-Kleen shall implement preventive procedures before the waste is transported to the CSU. Before loading the containers of waste at a generator's facility, the containers shall be checked for soundness, proper closure, proper labeling, and compliance with U.S. Department of Transportation (DOT) standards. Any damaged containers that might leak or burst during transporting or unloading shall not be accepted for transportation.

6.3 PRECAUTIONS FOR PREVENTION OF ACCIDENTAL IGNITION OR REACTION OF IGNITABLE, REACTIVE OR INCOMPATIBLE WASTES

All ignitable or flammable containerized materials are stored in a separate flammable storage locker located in the rear of the Facility. The Facility has a combination of building design and procedural measures to prevent accidental ignition or reaction of ignitable, reactive or incompatible wastes. The first precaution taken shall be to ensure that the hazardous waste received is what is described on the generator's profile and the manifest accompanying the waste so that it can be stored properly. The procedures to accomplish this are described in the *Waste Analysis Plan*, located in Permit Attachment 3.

Containerized waste materials shall be stored only in closed DOT approved containers. These containers shall not be opened unless sampling or repackaging is necessary. Opening of containers shall be strictly prohibited in the storage areas. Sampling and transfer operations are prohibited inside the CSU unless there is positive local ventilation to the outside. Generally these operations shall be conducted at the loading dock.

The storage areas for the containers are inside the warehouse building. This allows protection of the waste from extreme heat, cold, and sunlight.

In order to decrease hazards caused by storing incompatible wastes, any incompatible wastes shall be segregated within the CSU. The CSU has a sloped floor that drains into the secondary containment area designed to contain any material within that area should a spill or leak occur. Routine inspections of containers and container storage areas shall be conducted to allow site personnel to detect a spill or leak quickly and to identify potential problems before they occur.

All storage containers holding hazardous waste that is incompatible with other wastes and materials shall be separated

and protected from these wastes and materials by barriers placed within the CSU.

Sources of ignition shall be eliminated by several means. First, containers of flammable and combustible materials shall be stored in the designated storage area to the north of the warehouse building, away from electrical equipment. Second, electrical outlets shall not be located in the areas where these wastes are stored. Third, all wiring and electrical equipment used around the CSU shall be explosion proof.

Smoking, and use of matches or lighters shall not be permitted anywhere within the fenced portion of the Facility. "NO SMOKING" signs shall be posted at all entrances to the CSU and in the vicinity of the 12,000-gallon above ground storage tanks, handling areas, on the Facility perimeter fencing and other prominent places throughout the Facility. Welding, cutting and other high temperature operations shall not be allowed near the vicinity of the waste storage and handling areas unless proper precautions and planning are done and the work is approved by Safety-Kleen.

6.3.1 Required Aisle Space

The Facility operators shall maintain sufficient aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of the Facility operation in an emergency.

The CSU shall meet these requirements. The arrangement of containers in the staging area shall always be configured to meet aisle space requirements and to ensure that the forklifts, personnel, fire protection equipment, spill control equipment, and decontamination equipment can safely access the hazardous waste containers.

6.4 TRAFFIC PATTERNS

The majority of the vehicular traffic, and loading/unloading operations occur at and near the return and fill station. This area is paved with asphalt. The traffic plan is located in Attachment 6-1.

The entrance to the Facility is on Hawkins Road which is the major access route to the Facility. The access road was designed in accordance with engineering criteria appropriate for sustaining the traffic volume and loading for the industrial activities in this area. The route van that travels the routes daily between the Service Center and Safety-Kleen's customers, uses the two lane approach driveway located on the west end of

the warehouse building. Trucks dispatched from the recycle center to deliver and pick up fresh and used solvents utilize the access gate located at the northeast corner of the Facility.

6.5 WASTE MANAGEMENT PRACTICES

The Farmington Service Center was designed to facilitate the handling and storage of the wastes resulting from the services offered by Safety-Kleen. The 12,000-gallon above ground storage tanks, drum storage areas, and the return and fill station have secondary containment and the Service Center has the equipment necessary for employees to safely manage wastes on-site. Attachments 6-2 and 6-4 contain drawings of the waste management facility.

Spent parts washer solvents are accumulated in the 12,000-gallon above ground spent solvent storage tank via the return and fill station. Spent material is poured into the drum washer/dumpster in the return and fill station. Material is then pumped into the used parts washer solvent 12,000-gallon tank. The sediment, which accumulates in the bottom of the drum washer/dumpster, shall be removed manually, drummed, and stored in the CSU. The return and fill station has secondary containment which is a 17′ 6″ x 11′ 2″ concrete slab with a 6-inch high curb. This secondary containment is sized to contain 730 gallons. The total volume of waste and product shall not exceed 10 times the return and fill station secondary containment volume.

The 12,000-gallon above ground storage tanks have been designed in accordance with Underwriters Laboratories Standard 142 and are located greater than 15-feet from the property line in accordance with NFPA buffer zone standards. The tanks are constructed of carbon steel painted white to reflect sunlight. The secondary containment for the tanks is a steel reinforced concrete dike measuring 37′ x 22′ x 3′ which is sized to hold approximately 18,266 gallons. The two tanks holding a nominal 12,000-gallons each are situated in the diked area; one is for clean solvent and the other is spent parts washer solvent. Each tank is equipped with an audible and visual high-level alarm to alert employees when the tank is approximately 600-gallons (95%) from being full.

The container storage unit (CSU) in the warehouse is used for storage of spent immersion cleaner, 12,000-gallon spent solvent tank bottom sediment, drum washer/dumpster sediment, dry cleaning wastes, photo imaging waste, and aqueous parts washer solvent. Paint wastes are stored in the flammable storage shed located adjacent to the warehouse building. Inspection and certification records of the CSU are located in Attachment 6-2.

Non-hazardous material, wastes that are not regulated (including transfer wastes), and Safety-Kleen products may also be stored in the CSU. The wastes stored in the CSU are not handled on site, and are segregated in properly labeled containers to indicate their contents. Incompatible wastes or materials shall not be stored in the CSU. Ignitable/flammable wastes are stored in the flammable storage shed, which is located at least 50-feet from the Safety-Kleen property boundary.

The CSU has secondary containment in the form of a 6-inch wide by 4-inch high steel reinforced concrete curb with a 11.7′ x 1.7′ x 2.5′ (382 gallon) collection trench. Steel grates cover the trench to facilitate the movement of containers over the trench. The concrete on the floor of the CSU is coated with a chemical resistant epoxy and urethane or equivalent to minimize the potential of leaks through the surface. Safety-Kleen shall not store more than 3,820 gallons of waste in the CSU at any one time.

Containers used for the storage of hazardous waste shall meet DOT requirements and shall a have a maximum capacity of 55-gallons (except for 85-gallon over-pack drums). Example specifications for containers used at the Service Center are shown in Permit Section 3.3. 55-gallon containers in the CSU shall be placed on pallets and stored no more than two high. 9-gallon containers shall be stacked no more than 10 high. The 9-gallon containers (black, blue, or otherwise) are described as 3H1/Y1.2/60/97 USA/+AA1170 4.1. (+AA1170). Containers used may be manufactured in years other than 1997. The containers are approximately 26.5-inches x 13.5-inches x 6-inches (l x w x h). The containers have a liquid capacity of approximately 9-gallons each and are typically used to hold 5-gallons of material. Both petroleum based and water based solvents may be held in the containers.

An example of the configuration for the storage of containers is shown in Permit Attachment 1-3.

6.6 POTENTIAL MINOR SPILL SOURCES

The following is a list of activities that have the potential for a minor (one that can be remediated without assistance from a clean up contractor) pollution incident:

6.6.1 Pouring of Drummed Solvent into the Drum Washer/Dumpster

As the contents of the containers are poured into the drum washer/dumpster, waste can be splashed out. Employee training emphasizes the importance of taking care in emptying the drums.

The return and fill station is underlain by a concrete slab and curbing. This is designed to contain this type of spill.

6.6.2 Filling of Containers with Solvent Product

A low-pressure hose with an automatic shutoff valve, similar to those used at automotive service stations, is used to fill the containers with parts washer solvent. Leaking fittings, a damaged hose, or carelessness could lead to spilling the solvent. Manual emergency shut-off valves are located on each hose, should the equipment not function properly. Additionally, employee training emphasizes the importance of inspection, maintenance, and reporting of conditions with pollutant incident potential.

6.6.3 Moving of Containers

When a container is moved, the potential exists for the container to tip over. To minimize the potential for spillage of waste, containers shall be maintained in an upright position and remain tightly covered while in storage or in transit.

6.6.4 Delivery Truck Transfers

The cargo shall be secured in the route vehicles with straps prior to transit. Individual containers of waste can tip over or be dropped when being moved on or off a delivery truck. Transfers shall be made using a handcart and a hoist as necessary.

If a spill does occur, the amount of materials in the containers is typically a quantity, which can be collected with sorbent pads or clay. Any soil that is contaminated as a result of the spill shall be removed, the surrounding soil sampled to ensure that no contamination remains in accordance with Attachment 3, *Waste Analysis Plan*, and the soil shipped to a Safety-Kleen recycle for proper processing. The Permittee shall also follow all hazardous waste generator requirements as specified in this Permit.

6.7 POTENTIAL MAJOR SPILL SOURCE

A diagram of potential spill directions is located in Attachment 6-3.

The following activities have the potential for a major (one for which remedial action will require assistance) pollution incident:

6.7.1 Overfilling of Storage Tanks

Both product and spent solvent tanks can be overfilled with a resulting discharge of material. A high level alarm and daily checks of tank volumes will prevent this type of incident.

6.7.2 Leaking Pipelines

The pipelines and other equipment present a potential for leaks and resultant pollution. Regular inspection of this equipment and the solvent inventory will detect any leaks.

6.8 POTENTIAL FIRE SOURCES

The following is a list of fire prevention and minimizing measures:

6.8.1 All Wastes and Products kept away from Ignitable Sources

Personnel shall confine smoking and open flames to remote areas, separate from any ignition sources (i.e. office). The solvent handling area and the above ground storage tanks are separated from the warehouse building area to minimize the potential for a fire to spread or injury to occur.

6.8.2 Handling Ignitable Wastes

Ignitable wastes are handled so that they do not:

1. Become subject to extreme heat or pressure, fire or explosion, or a violent reaction. The solvent waste or other wastes are stored in a tank or in containers, none of which are near sources of extreme heat, fire, potential explosion sources, or subject to violent reactions. The tanks are vented and the containers are stored at room temperature to minimize the potential for pressure build up.

2. The vapor pressure of Safety-Kleen solvents is low (2mm) and it is reactive with strong oxidizers only. Toxic mists, fumes, dusts, or gases will not form in quantities sufficient to threaten human health since strong oxidizers are not handled at the Service Center, and the solvent vaporization will be minimal under normal working conditions.

3. Produce uncontrolled fires or gases in quantities sufficient to pose a risk of fire or explosion.

4. The parts washer solvents or other containerized wastes will not cause deterioration of the tank, containers, or other structural components of the facility.

6.9 TANK EVALUATION AND REPAIR PLAN

The products and waste solvents stored in the 12,000-gallon above ground storage tanks at the Facility are compatible with the tank carbon steel structure. If, during the daily inspection, corrosion is noted on the tank systems, it will be removed from service and repaired. If corrosion is significant and localized, the tank will be immediately taken out of service and repaired (i.e. a patch welded over the corroded area). Should the corrosion of the vessel be extensive, or if the tank is found to be leaking, the vessel shall be immediately taken out of service and replaced. If the tank leaks outside of the secondary containment system, the Facility contingency plan shall be implemented if necessary. Any extensive repairs to the tank system will be assessed and certified by an independent professional engineer before the system is returned to use.

Each valve, flange, and pump associated with the 12,000-gallon above ground storage tanks and their ancillary equipment shall be marked and listed on the respective air monitoring inventory form. A site drawing located in Attachment 5-3 shows the locations and numbers of the equipment. Compliance with 20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart BB) shall be achieved through facility inspections each operating day, and if required, leak detection monitoring and repair shall be conducted. Records of equipment monitoring and repair are maintained on the inspection form, located in the Facility Operating Record. If a potential leak is discovered, by any means, it shall be noted on the inspection form, repaired immediately, or as soon as possible, and not used again until all requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.196) are satisfied. The leak detection and repair record shall be kept in a file at the Facility.

Tank construction diagrams and the certification report are located in Attachment 6-4.

6.10 EXTERNAL FACTORS

The design of the Facility is such that a harmful spill is highly unlikely to occur from most external factors. The 12,000-gallon above ground storage tanks are accessible only to Safety-Kleen personnel and the pump switches are located inside the secure fenced area. Additionally, the CSU is located in the warehouse building, which is accessible only to Safety-Kleen personnel.

The applicable external factors are listed as follows:

1. Vandalism - only extreme vandalism would result in a solvent spill or fire. Responses to spills and fires are described in the contingency plan;

2. Strikes - A strike would not result in a solvent spill or fire;

3. Power failure - A power failure would not result in a spill or fire. Should a power failure occur, all activities requiring electricity will cease (i.e. pumps will be deactivated);

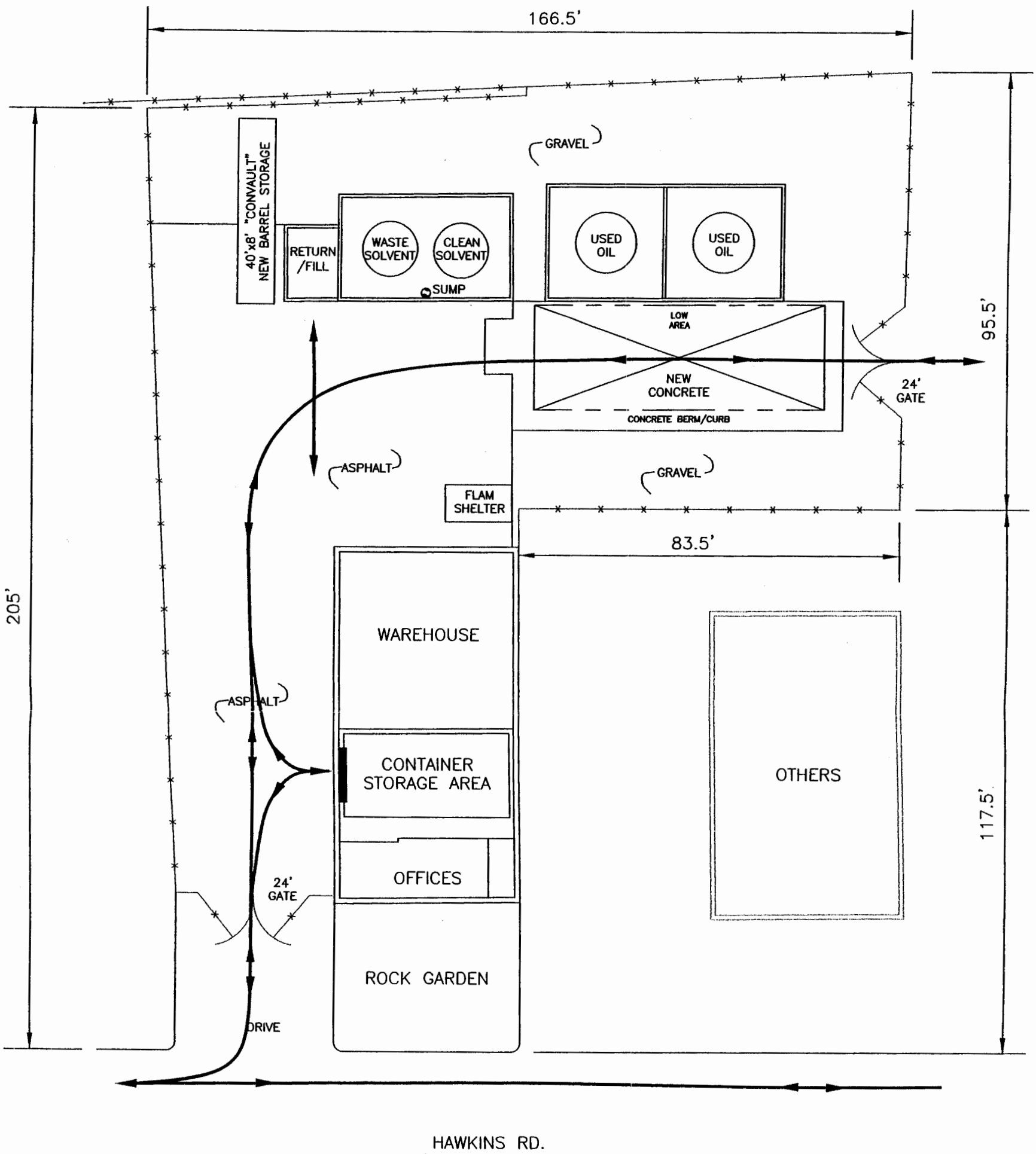
4. Flooding - The site elevation is above the projected 100-year flood plain, therefore a 100-year flood will not affect the Facility;

5. Storms or Cold Weather - No weather event is anticipated to affect Facility operations.

6.11 INTERNAL AND EXTERNAL COMMUNICATIONS AND ALARM SYSTEMS

Because the Facility is small, internal communications within the warehouse building and the return and fill station area will be accomplished by voice. An alarm located on the loading dock will alert employees to a potential problem. This alarm shall be kept in operating order at all times. Telephones shall be used to report a spill or fire, and to summon assistance from local and state emergency response agencies. The emergency phone numbers of local and state emergency response teams are posted by each phone in the Facility office. Included in these phone numbers is the 24-hour telephone number, which can be used to contact Safety-Kleen's environmental response coordinators. Releases to the environment shall be reported within 24-hours as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.56).

ATTACHMENT 6-1
TRAFFIC PATTERN



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

N

0 25 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE 9
TRAFFIC FLOW PATTERN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 833-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/16/01	Reference: 333SITE

ATTACHMENT 6-2
CONTAINER STORAGE UNIT INSPECTION RECORDS AND CERTIFICATION

TERA, inc.

3100 South Gessner Road • Suite 650 • Houston, Texas 77063
P.O. Box 770039 • Houston. Texas 77215-0039
Tel. (713) 783-6292 • Fax (713) 783-3698

April 23, 1996
96-400-018

Mr. Peter Olsen
SAFETY-KLEEN CORP.
2720 Girard NE
Albuquerque, New Mexico 87107

Subject: Certification of Drum Storage Area, Farmington Branch, New Mexico

Dear Mr. Olsen:

On February 15, 1996, TERA conducted an inspection of the subject drum storage facility which is shown on attached Safety-Kleen Drawing No. 700821-7001-04. This inspection was to compare this facility to the requirements of 40 CFR 264 "Subpart I, Use and Management of Containers". This inspection was conducted by visual examination, measurements and calculations of available sump capacity.

SYSTEM DESCRIPTION

The drum storage area is an integral part of the warehouse portion of the main building at Farmington (please refer to Safety-Kleen Drawing No. 700821-0001-00). The area is completely surrounded by a curb which is 4 3/4 high by 6.5 inches wide except at the truck door entrance. This area contains a grate covered trench open to the drum area. This trench collects any leakage that might occur in the drum storage area. The floor and driveway slope away from the trench on the outside edge. This prevents any run-on of precipitation.

RESULTS OF INSPECTION

The following paragraphs compare this drum storage area to the requirements of 40 CFR 264.175:

a. "Cracks, Gaps and Sufficiently Impervious" [40 CFR 264.175(b)(1)]

The area is free of any cracks or gaps and is coated such that it will contain leaks and spills. The entire unit is indoors under roof and thereby protected from any precipitation.

b. "Sloped to Drain" [40 CFR 264.175(b)(2)]

The floor area is sloped to drain to trench.

c. "Sufficient Capacity" [40 CFR 264.175(b)(3)]

The containment trench sizes are shown on the attached Safety-Kleen Drawing No. 700821-7001-04, Attachment B.

Calculations of trench capacity are shown on the drawing. This area has a trench capacity of 382 gallons, therefore it will support a storage capacity of 3,820 gallons.

d. "Run-on Prevented" [40 CFR 175(b)(4)]

The entire area is protected by its integral curb and appropriate sloping of the outside driveway at the doorway.

e. "Ignitable or Reactive Wastes" [40 CFR 264.176]

This area does not store flamables or reactive wastes.

f. "Incompatible Wastes" [40 CFR 264.177]

Wastes which are incompatible with one another are not stored in this area.

CERTIFICATION

Based on the results of the inspection and calculations, we conclude that this drum storage area meets the requirements of 40 CFR 264.175-177, Subpart I and New Mexico Environmental Improvement Board HWMR-6, Part 5.

* * *

Should you have any questions on the above or if we can supply additional information, please contact me at 713/783-6292. Thank you for this opportunity to work with you and Safety-Kleen Corp.

Very truly yours,

TERA, Inc.

T. R. Barker, II, P.E.
Principal

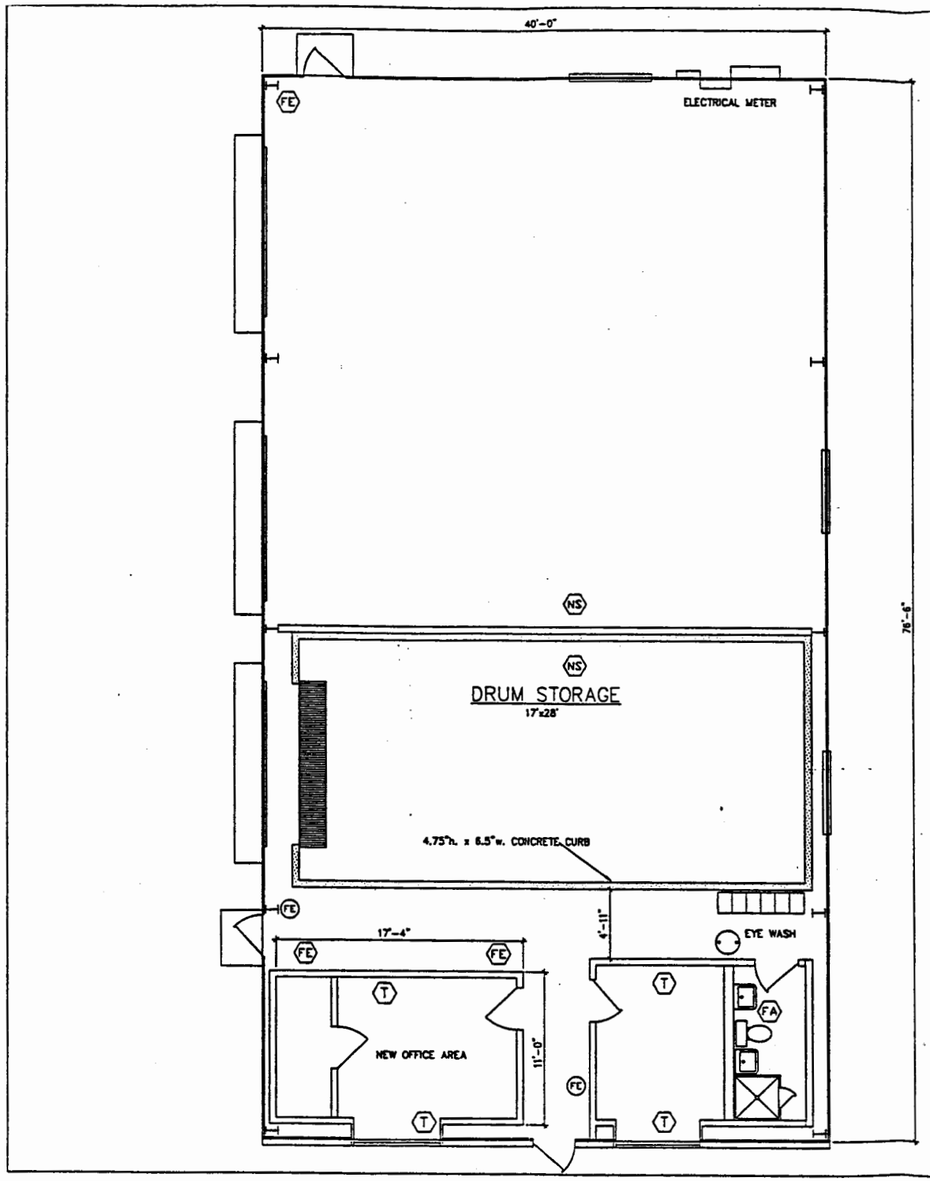
Thomas H. Wimbrow, P.E.
President & Chief Engineer

THOMAS H. WIMBROW
NEW MEXICO
13175
REGISTERED PROFESSIONAL ENGINEER

APRIL 23, 1996

TRB/da

Attachment



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N W E S

TRENCH CAPACITY

V = Width(ft.) x Depth(ft.) x Length(ft.) x 7.48 gallons/cu.ft.
= 1.72 x 2.54 x 11.71 x 7.48
= 382 Gallons

T - TELEPHONE
FE - FIRE EXTINGUISHER (TYPICAL 10# ABC)
FA - FIRST AID STATION
D - 'DANGER' SIGN
NS - 'NO SMOKING' SIGN
COR - 'CORROSIVE' SIGN

THOMAS K. WIMBERLY NEW MEXICO 13179 REGISTERED PROFESSIONAL ENGINEER

April 24, 1996

PLOT DATE: 4-19-95

NO.	DESCRIPTION	BY	CHK	APPR	DATE
03	REVISE CONTAINMENT CALCULATIONS; CONFIRM "AS BUILT" DIMENSIONS - TERA, INC.	AFM	TRB	THW	4-19-96
02	REVISE CONTAINMENT CALCULATIONS AND SHOW NEW OFFICE AREA	WEY			2-1-96
00	REVISED SAFETY KLEEN DRAWING TO CADD AS DATED REPLACES SAFETY KLEEN DRAWING D-10239	ALJ			9-25-91

REVISIONS

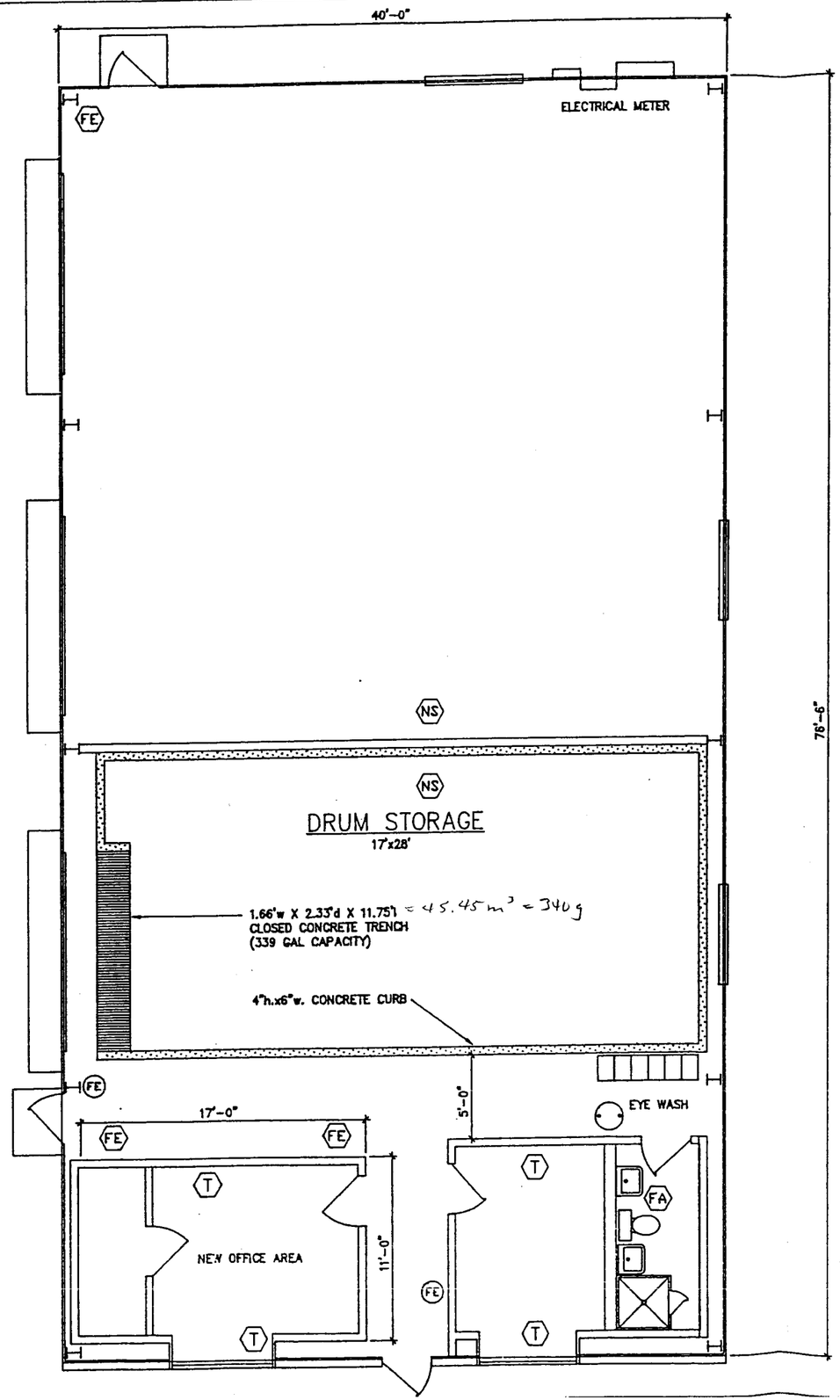
TITLE
FLOOR PLAN
4210A HAWKINS ROAD

SAFETY-KLEEN CORP.
1000 N. SHERWILL ROAD ELGIN, ILLINOIS 60123 708-697-5040

SCALE	BY	CHKD	P.E. APPR	OP. APPR	DATE
1/4"=1'-0"	WEY	-	-	-	8-1

SERVICE CENTER BRANCH AT
FARMINGTON, N.M.

STD-DWG-REV NO.
700821-7001-



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N W E S

(T) - TELEPHONE

(FE) - FIRE EXTINGUISHER (TYPICAL 10# ABC)

(FA) - FIRST AID STATION

(D) - 'DANGER' SIGN

(NS) - 'NO SMOKING' SIGN

(COR) - 'CORROSIVE' SIGN

PLOT DATE: 2-1-96

NO.	DESCRIPTION	BY	CHK	APPR	DATE
02	REVISE CONTAINMENT CALCULATIONS AND SHOW NEW OFFICE AREA	WEY			2-1-96
00	REVISED SAFETY KLEEN DRAWING TO CADD AS DATED. REPLACES SAFETY KLEEN DRAWING D-10238	ALI			2-25-91

REVISIONS

TITLE

FLOOR PLAN
4210A HAWKINS ROAD

SAFETY-KLEEN CORP.
2000 E. RANDALL ROAD ELGIN, ILLINOIS 60123 800-669-0840

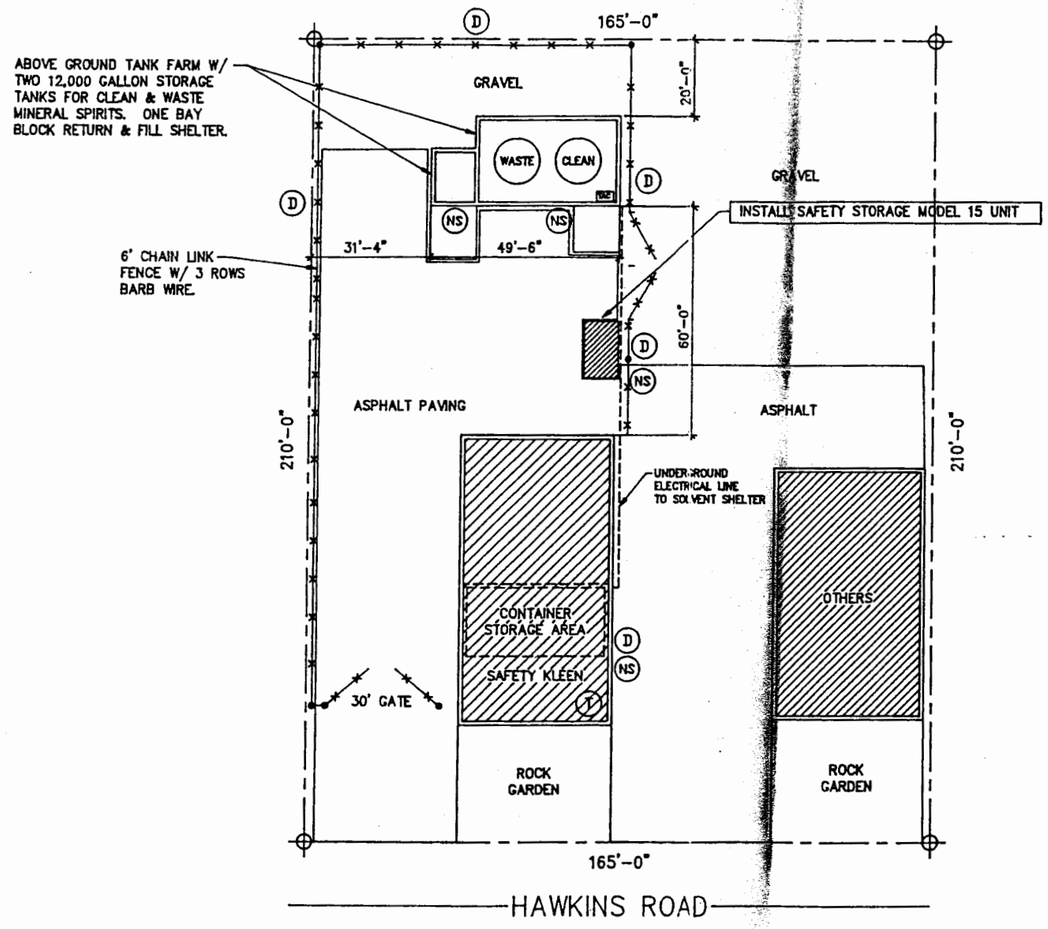
SCALE	BY	CHKD	P.E. APPR	DP. APPR	DATE
1/4"=1'-0"	WEY	-	-	-	8-10-87

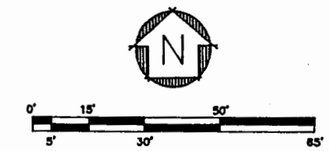
SERVICE CENTER BRANCH AT
FARMINGTON, N.M.

STD-DWG-REV NO.
700921-7001-03

GENERAL NOTES

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.





- (T) (T) - TELEPHONE
- (FE) (FE) - FIRE EXTINGUISHER (TYPICAL 10# ABC)
- (FA) (FA) - FIRST AID STATION
- (D) (D) - 'DANGER' SIGN
- (NS) (NS) - 'NO SMOKING' SIGN
- (CORR) (CORR) - 'CORROSIVE' SIGN

NEW — EXISTING

PLOT DATE: 1-14-97

NO.	DESCRIPTION	BY	CHK	APPR	DATE
01	REVISE FENCE AND GATES, SHOW EXPANSION OF A/C AND INSTALLATION OF MODEL 15 SS UNIT	WEY			1-14-97
00	REVISED SAFETY KLEEN DRAWING TO CADD AS DATED. REPLACES SAFETY KLEEN DRAWING D13712	AJ			1-25-91

REVISIONS

TITLE

SITE PLAN
4200 HAWKINS ROAD

SAFETY-KLEEN CORP.
777 SSI TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 708-697-8460

SCALE	BY	CHKD	P.E. APPR	DP. APPR	DATE
1" = 20'-0"	WEY				10/20/89

SERVICE CENTER BRANCH AT
FARMINGTON, N.M.

STD-DWG-REV NO.
700821-0001-01

GENERAL NOTES

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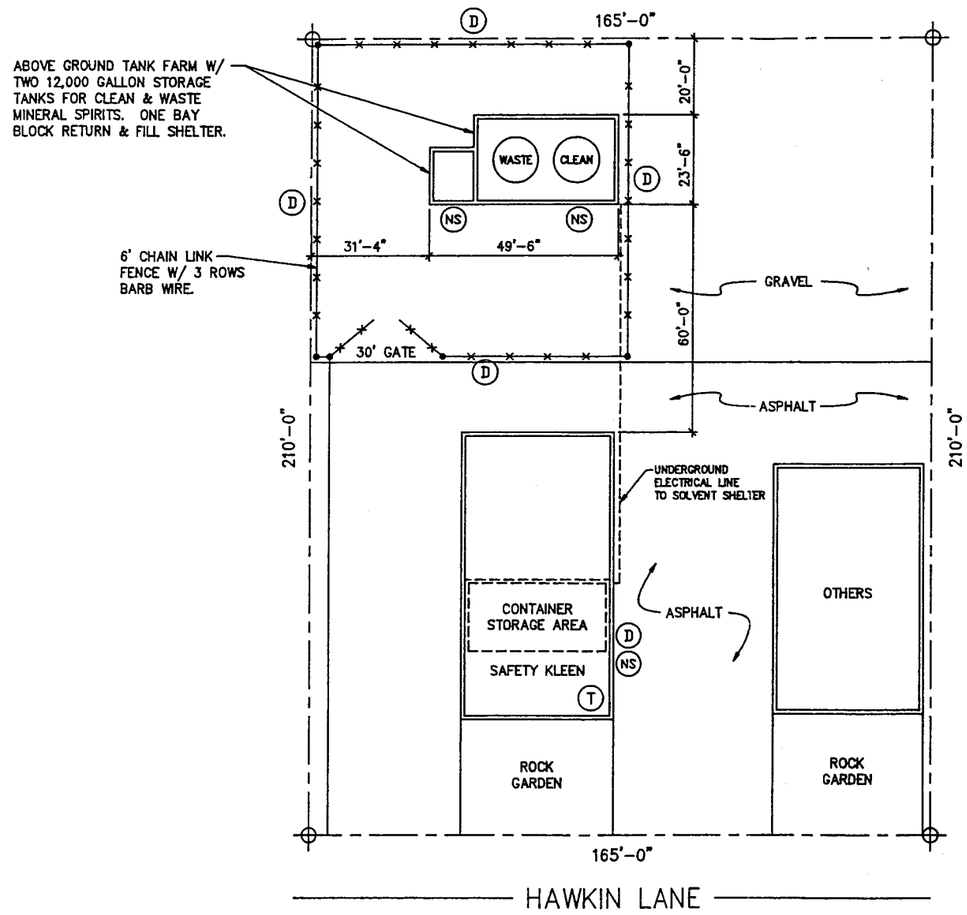


T - TELEPHONE

FE - FIRE EXTINGUISHER (TYPICAL 10# ABC)

FA - FIRST AID STATION

D - 'DANGER' SIGN

NS - 'NO SMOKING' SIGN

CDR - 'CORROSIVE' SIGN

NEW — EXISTING

PLOT DATE: 9-22-95

NO.	DESCRIPTION	BY	CHK	APPR	DATE
00	REVISED SAFETY KLEEN DRAWING TO CADD AS DATED. REPLACES SAFETY KLEEN DRAWING D13712	AU			1-25-91

REVISIONS

TITLE

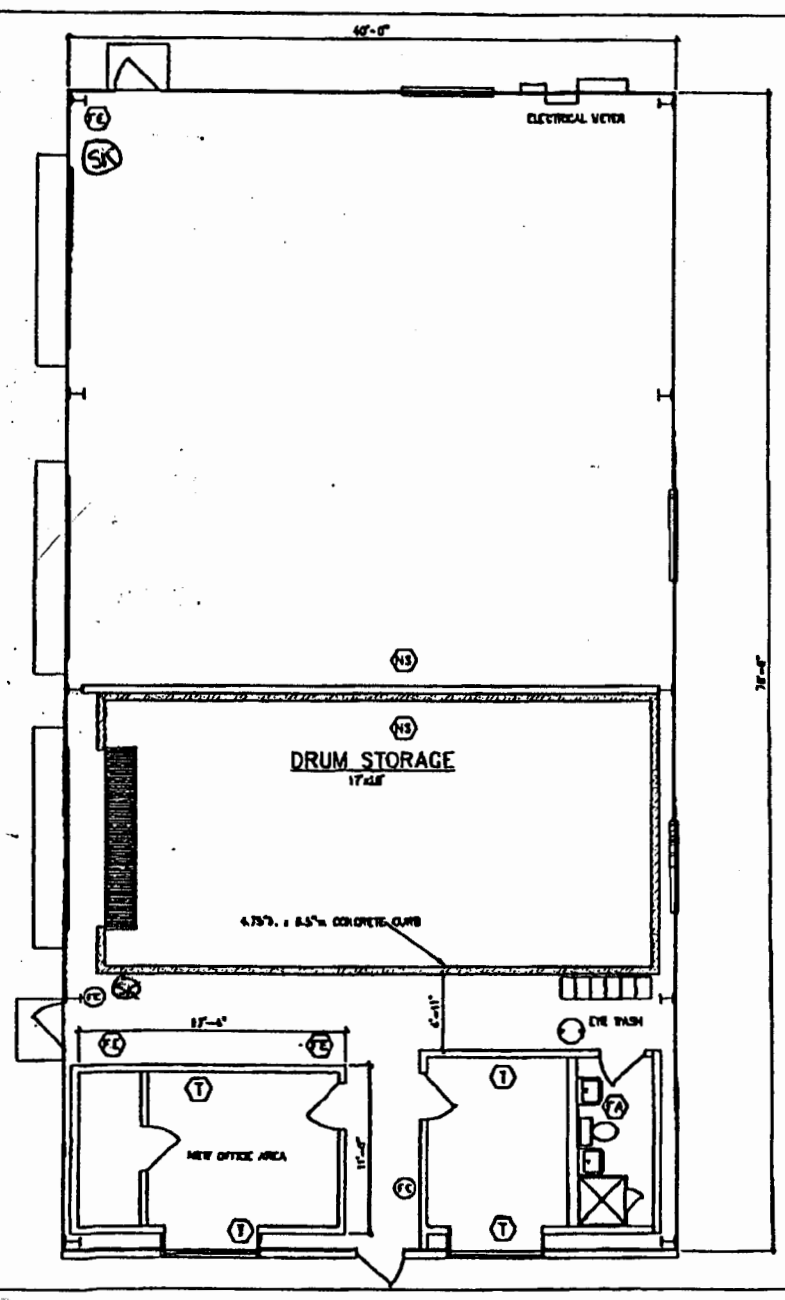
SITE PLAN
4200 HAWKIN LANE

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 708-697-8460

SCALE	BY	CHKD	P.E. APPR	OP. APPR	DATE
1" = 20'-0"	VEY				10/30/89

SERVICE CENTER BRANCH AT
FARMINGTON, N.M.

STD-DWG-REV NO.
700821-0001-00



GENERAL NOTES

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TRENCH CAPACITY

V = Width(ft.) x Depth(ft.) x Length(ft.) x 7.48 gallons/cu.ft.

= 1.72 x 2.54 x 11.71 x 7.48

= 382 Gallons

SK spill kit

T - TELEPHONE

FE - FIRE EXTINGUISHER (TYPICAL 10# ABC)

FA - FIRST AID STATION

D - 'DANGER' SIGN

NS - 'NO SMOKING' SIGN

CR - 'CORROSIVE' SIGN

PLOT DATE: 2-20-96

NO.	DESCRIPTION	BY	CHK	APPR	DATE
03	REVISE CONTAINMENT CALCULATIONS	AFM	TRB	TRB	2-20-96
02	REVISE CONTAINMENT CALCULATIONS AND SHOW NEW OFFICE AREA	WEY			2-9-96
01	REVISED SAFETY KLEEN DRAWING TO CADD AS SAVED FOR REPLACES SAFETY KLEEN DRAWING 8-15-88	AJJ			8-30-94

REVISIONS

TITLE: FLOOR PLAN 4210A HAWKINS ROAD

SAFETY-KLEEN CORP.

SCALE 1/4"=1'-0" | BY WEY | CHKD - | P.L. APPR - | P. APPR - | DATE 8-8-87

SERVICE CENTER DRAWING #1

FARMINGTON, NEW

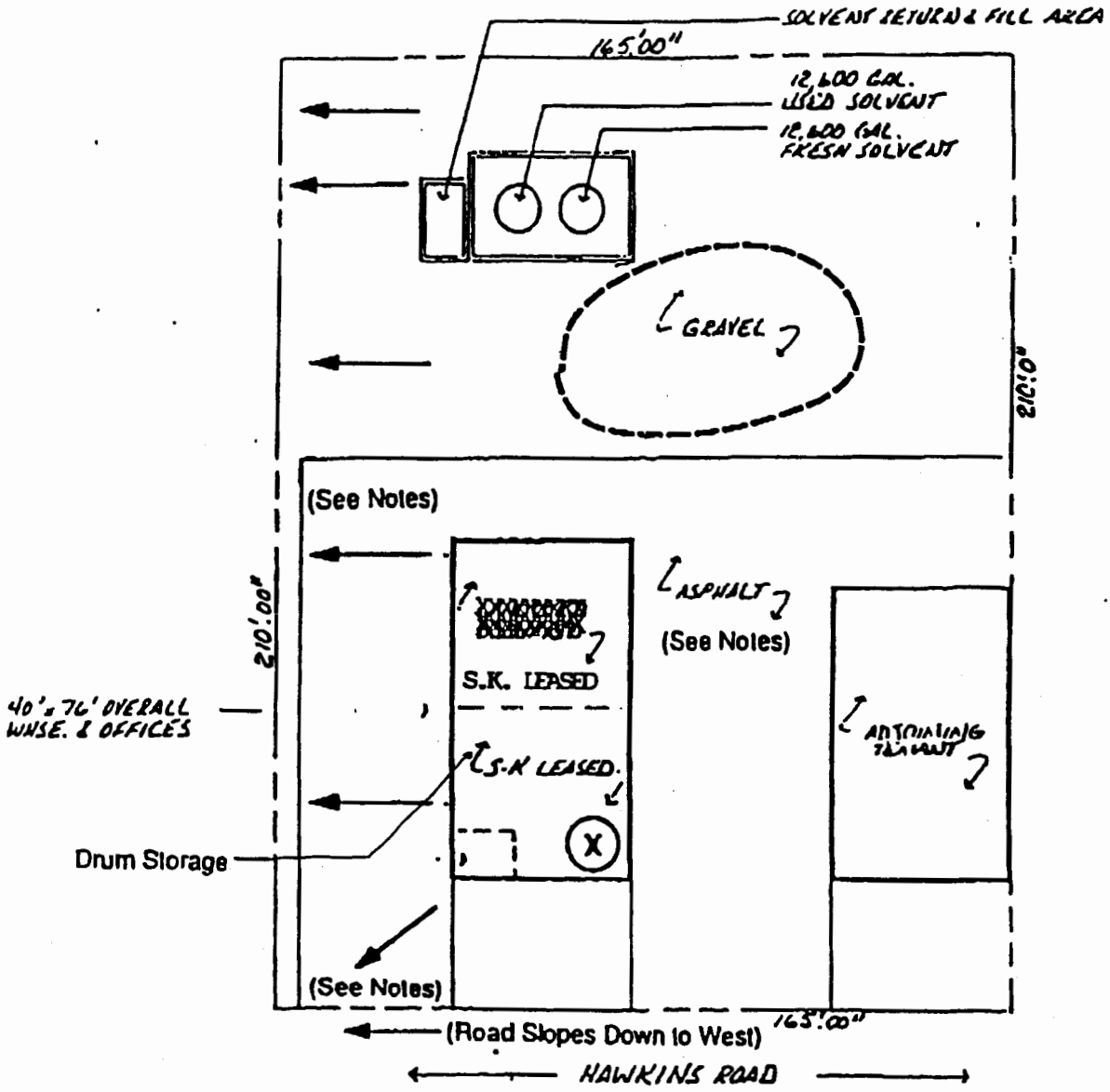
FILE-DWG-KTY NO. 700021-1001-13

SK PART #	UN SPEC CODE	SIZE	COLOR	DRUM M[illegible]	PRODUCT LINE	SK PART # LID (w/gasket)	SK PART # LID (no gasket)	SK PART # GASKET	S[illegible]RT [illegible]NG	NUT & BOLT TORQUE	BUNG SIZE	BUNG TORQUE	TIES REQUIRED	[illegible]T SIZE [illegible]QUIRED
3391	1A2/1.6/100	30	YELLOW	Greif	Absorbent	COMPLETE		3212		75 ft. lbs.	2"	20 ft. lbs.	NO	3 1/2"
3392	1A2/1.6/100	30	YELLOW	Greif	Absorbent	3218	N/A	3212	3242	75 ft. lbs.	2"	20 ft. lbs.	NO	3 1/2"
3270	1H2/Y1.2/80	15	BLACK	LOBO	Dry Cleaning	3272	3271	3273	3274	N/A	2", 3/4"	20 ft. lbs, 9 ft. lbs.	YES	N/A
3280	1H2/Y1.2/80	30	BLACK	LOBO	Dry Cleaning	3282	3281	3283	3284	N/A	N/A	N/A	YES	N/A
3324	1A2/1.6/100	16	BLACK	Greif	FRS	COMPLETE				50 ft. lbs.	2"	30 ft. lbs.	NO	2 1/2"
3345	1A2/1.6/100	30	BLACK	Greif	FRS	COMPLETE				75 ft. lbs.	2", 3/4"	30 ft. lbs., 15 ft. lbs.	NO	3 1/2"
3369	1A2/Y1.6/100	55	BLACK	Greif	FRS	3370	N/A	3372	3371	75 ft. lbs.	2", 3/4"	20 ft. lbs.; 12 ft. lbs.	NO	4"
8003369	1A2/Y1.2/100	55	BLACK	Palex	FRS	COMPLETE				60 ft lbs	2", 3/4"	30 ft. lbs., 15 ft. lbs.	NO	3 1/2"
3303	1A1/Y1.2/100	30	BLACK	Greif	FRS/Paint	N/A	N/A	N/A	N/A	N/A	2", 3/4"	30 ft. lbs.; 15 ft. lbs.	NO	N/A
3250	1A2/1.6/200	16	BLACK	Greif	Gas Fiters	3450	N/A	3211	3289	75 ft. lbs.	2"	20 ft. lbs.	NO	2 1/2"
3252	1A2/1.6/100	30	BLACK	Greif	Gas Fiters	3452	N/A	3212	3242	75 ft. lbs.	2"	20 ft. lbs.	YES	3 1/2"
706	1H2/Y30/S	6.5	WHITE	M&M	Imaging	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	N/A
3306	1A2/Y1.9/100	5	GRAY	Cleveland Steel	Imaging	N/A	5486	5488	5487	40 in lbs	N/A	N/A	NO	
5415/15415	1H2/Y80/S	15	YELLOW/BLACK	Greif	Imaging	N/A	5471	N/A	5472	N/A	N/A	N/A	NO	N/A
5430/15430	1H2/Y100/S	30	YELLOW/BLACK	Greif	Imaging	N/A	5434	N/A	5435	N/A	N/A	N/A	NO	N/A
5455/15455	1H2/Y140/S	55	YELLOW/BLACK	Greif	Imaging	N/A	5476	N/A	5477	N/A	N/A	N/A	NO	N/A
5551	3H1/Y1.8/250	5	NATURAL	TricorBraun	Imaging	COMPLETE	3839/3838	N/A	N/A	N/A	53mm, 18mm	36" lbs., 25" lbs.	NO	N/A
5552	1H1/Y1.8/100	15	BLUE	Greif	Imaging	N/A	N/A	N/A	N/A	N/A	2", 3/4"	20 ft. lbs., 9 ft. lbs.	NO	N/A
5553	1H1/Y1.8/100	30	BLUE	Greif	Imaging	N/A	N/A	N/A	N/A	N/A	2", 3/4"	20 ft. lbs., 9 ft. lbs.	NO	N/A
5555	1H1/Y1.8/100	55	BLUE	Greif	Imaging	N/A	N/A	N/A	N/A	N/A	2", 3/4"	20 ft. lbs., 9 ft. lbs.	NO	N/A
3387	1A2/Y1.6/200	16	GRAY	Greif	Immersion Cleaner	N/A	3388	3211	3389	75 ft. lbs.	N/A	N/A	NO	2 1/2"
100699	1A2/Y1.5/100	6	YELLOW	Cleveland Steel	Immersion Cleaner	COMPLETE				N/A	N/A	N/A	NO	N/A
3383	1A2/Y1.6/100	55	GREEN	Greif	Oil Filters	N/A	3270	3372	3371	75 ft. lbs.	2", 3/4"	20 ft. lbs., 12 ft. lbs.	NO	4"
3362	1A1/Y1.2/100	16	BLACK	Greif	Paint Refinishing	N/A	N/A	N/A	N/A	N/A	2", 3/4"	20 ft. lbs.; 12 ft. lbs.	NO	N/A
9946	1A1/Y1.2/100	5	YELLOW	Cleveland Steel	Paint Refinishing	N/A	N/A	N/A	N/A	N/A	2"	30 ft. lbs.	NO	N/A
9986	1A1/Y1.2/200	5	YELLOW	Cleveland Steel	Paint Refinishing	N/A	N/A	N/A	N/A	N/A	2"	30 ft. lbs.	NO	N/A
9988	1A1/Y1.2/200	5	YELLOW	Cleveland Steel	Paint Refinishing	N/A	N/A	N/A	N/A	N/A	2"	30 ft. lbs	NO	N/A
9989	1A1/Y1.2/200	5	YELLOW	Cleveland Steel	Paint Refinishing	N/A	N/A	N/A	N/A	N/A	2"	30 ft. lbs.	NO	N/A
3348	Not UN Spec	16	RED	Greif	Parts Washer	UN LID	UN LID	3211	3289	snug	N/A	N/A	YES	2 1/2"
3349	Not UN Spec	30	RED	Greif	Parts Washer	UN LID	UN LID	3212	3242	snug	N/A	N/A	YES	3 1/2"
3360	1A2/Y1.6/100	30	DK. BLUE	Greif	Parts Washer	UN LID	UN LID	3212	3242	75 ft. lbs.	N/A	N/A	NO	3 1/2"
3395	Not UN Spec	30	GREEN	Greif	Parts Washer	UN LID	UN LID	3212	3242	snug	N/A	N/A	YES	3 1/2"
13348	1A2/Y1.6/200	16	RED	Greif	Parts Washer	3213	N/A	3211	3289	75 ft. lbs.	N/A	N/A	NO	2 1/2"
13349	1A2/Y1.6/100	30	RED	Greif	Parts Washer	3214	N/A	3212	3242	75 ft. lbs.	N/A	N/A	NO	3 1/2"
13393	1A2/Y1.6/200	16	GREEN	Greif	Parts Washer	3217	N/A	3211	3289	75 ft. lbs.	N/A	N/A	NO	2 1/2"
13395	1A2/Y1.6/100	30	GREEN	Greif	Parts Washer	3215	N/A	3212	3242	75 ft. lbs.	N/A	N/A	NO	3 1/2"
102599	3H1/Y1.2/60	5	BLACK	Bonar	Parts Washer	N/A	N/A	N/A	N/A	N/A	2" buttress	200 IN LBS	NO	N/A
102600	3H1/Y1.2/60	5	BLUE	Bonar	Parts Washer	N/A	N/A	N/A	N/A	N/A	2" buttress	200 IN LBS	NO	N/A
3300	1A2/X435/S	85	YELLOW	Greif	Salvage	COMPLETE				50 ft. lbs.	3/4"	10 ft. lbs.	NO	4"
8500	1H2/X340/S	95	YELLOW	LOBO	Salvage	8501		8503	N/A	arrows meet	N/A	N/A	NO	N/A
8003300	1A2/X435/S	85	YELLOW	Queen City	Salvage	N/A	N/A	N/A	N/A	40 FT LBS	2", 3/4"	30 ft. lbs., 15 ft. lbs.	NO	4"

SK PART #	UN SPEC CODE	SIZE	COLOR	DRUM MFG	RODUCT LIN	SK PART # LID (w/gasket)	SK PART # LID (no gasket)	SK PART # GASKET	SK PART # RING	NUT & BOLT TORQUE	BUNG SIZE	BUNG TORQUE	TIES REQUIRED	BOLT SIZE REQUIRED
8510		10 gal.	Fiber - Nat.	Grief		None	None	None	None				YES	
8515		15 gal.	Fiber - Nat.	Grief		None	None	None	None				YES	
8520		20 gal.	Fiber - Nat.	Grief		None	None	None	None				YES	
8530		30 gal.	Fiber - Nat.	Grief		None	None	None	None				YES	

ATTACHMENT 6-3
POTENTIAL SPILL DIRECTIONS

28866



NOTES:
- No storm drain on or near site.
- Safety Kleen vehicles do not enter asphalt between buildings.
- Runoff from small area in front of building flows down driveway to Hawkins Road which slopes to the west.
- According to Safety-Kleen personnel, water (or liquids) pools in gravel area.
- Runoff from area northwest of "Landlord Occupied" flows down-gradient to adjacent parcel west of facility (unpaved).

EXPLANATION

(X) Sanitary Sewer Drain (approximate location)

Spill direction arrows

N

0 40 80

SCALE IN FEET

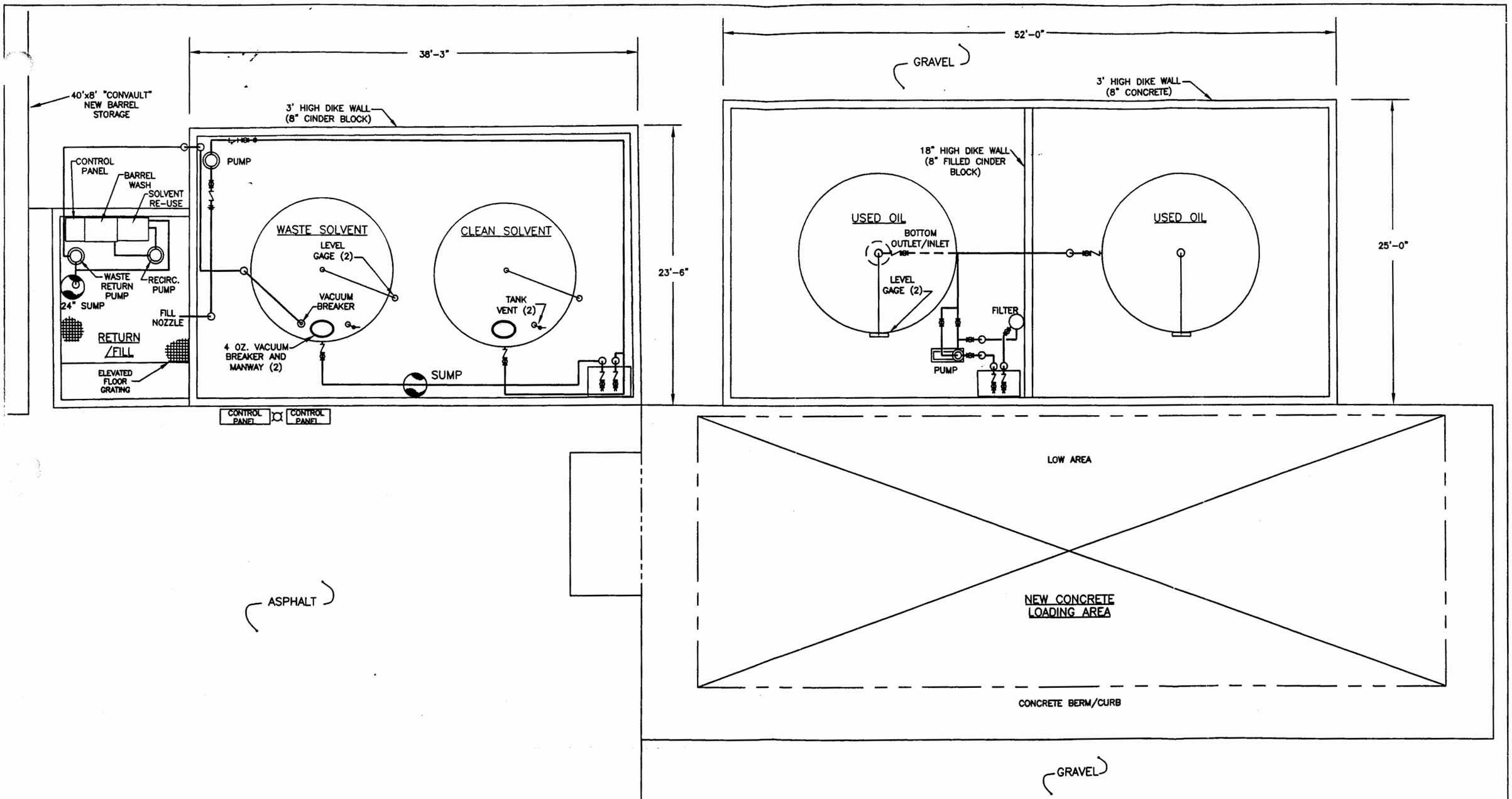
Harding Lawson Associates
Engineering and Environmental Services

Map of Potential Spill Directions, Sanitary Sewers, and Storm Sewers Adjacent to Safety - Kleen
Farmington Service Center
Safety - Kleen Corporation
Farmington, New Mexico

PLATE Figure E-7

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
pg	21568 001	M. Dhane	10/92	

ATTACHMENT 6-4
TANK CONSTRUCTION DIAGRAMS AND CERTIFICATION REPORT



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, di[illegible]ons and existing conditions on Fe[illegible] 28, 2001. Items inaccessible to visu[illegible] observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

EXPLANATION

- BALL VALVE
- THREADED UNION
- BASKET STRAINER
- SAFETY/CHECK VALVE

N

0 8 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE E-2
TANK FARM AND PIPING SCHEMATIC
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201.
Phone (803) 933-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 3/19/01	Reference: 333TKFARM

GENERAL NOTES

1. ALL STEEL SURFACES TO BE PREPARED IN ACCORDANCE WITH "STEEL STRUCTURE PAINTING COUNCIL"

   PRIOR TO PAINTING STEEL, REMOVE LOOSE RUST & MILL SCALE BY SANDBLASTING AND POWER TOOL WIRE BRUSHING AND GRINDING.

   AFTER SURFACE PREPARATION, APPLY (1) COAT OF WHITE OXIDE PAINT AND (2) COATS OF ALKYD BASE GLOSS WHITE STRUCTURAL ENAMEL, E.G. MOBIL 12-H-4, ALLOW PAINT TO DRY 16-24 HOURS BETWEEN COATS TO INSURE PROPER SEALING.
2. STEEL TUBE TO CONFORM TO ASTM # A 500 (F_Y = 42 K.S.I.)
   ALL OTHER STEEL TO CONFORM TO ASTM # A 36
3. ALL WELDS TO BE E 70 ELECTRODES.
4. SKID SHOWN IS DESIGNED FOR THE FOLLOWING TANKS CONTAINING LIQUIDS HAVING A SPECIFIC GRAVITY OF LESS THAN 1.0:
   A. 12,000 GALLON, 10'-6" DIAMETER
   B. 15,000 GALLON, 10'-6" DIAMETER

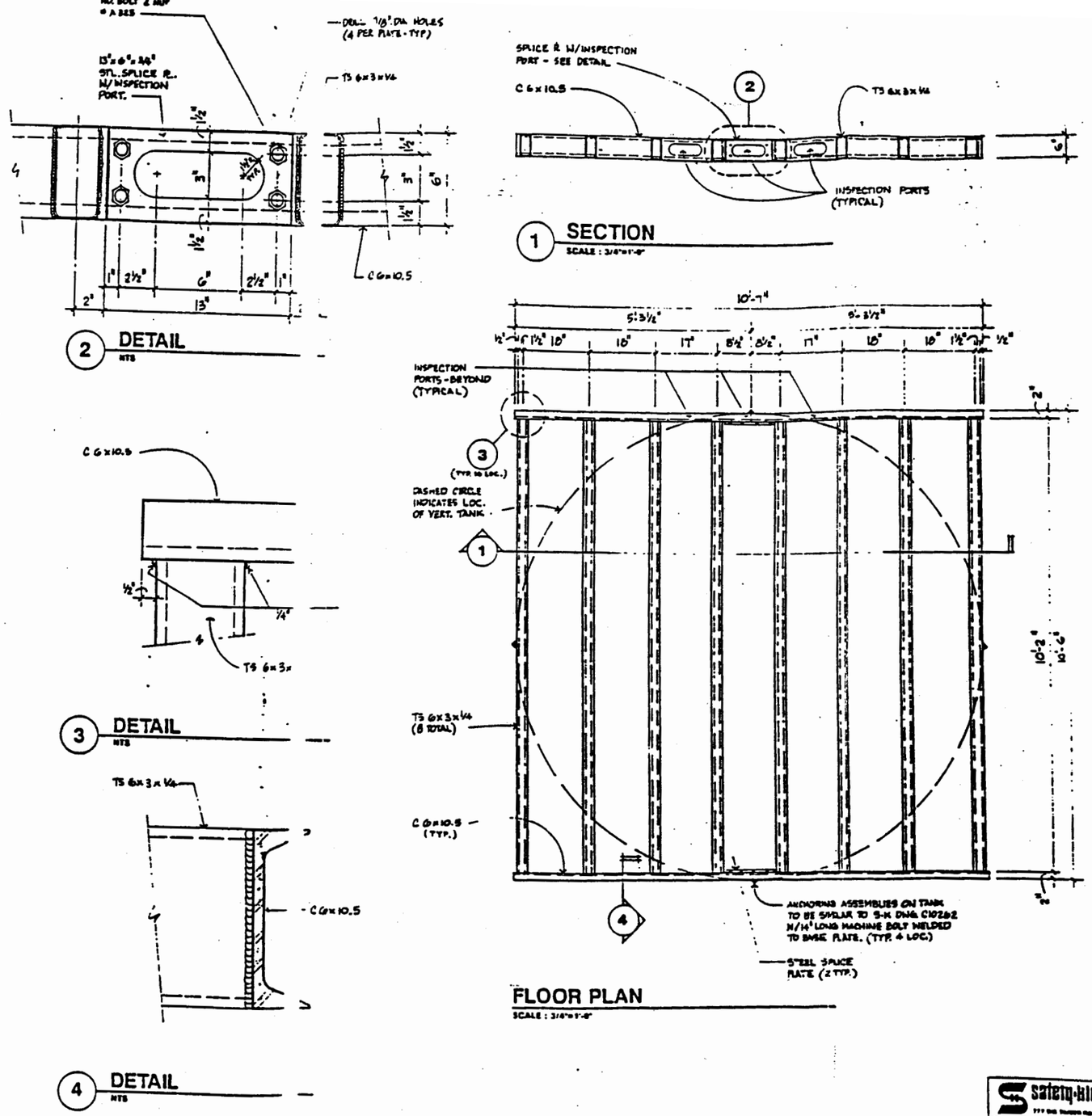


Figure E-4

safety-kleen corp.

TANK SKID (TYPICAL)

AS NOTED			
9-8-88			

FOR SERVICE CENTER BRANCH

D13146

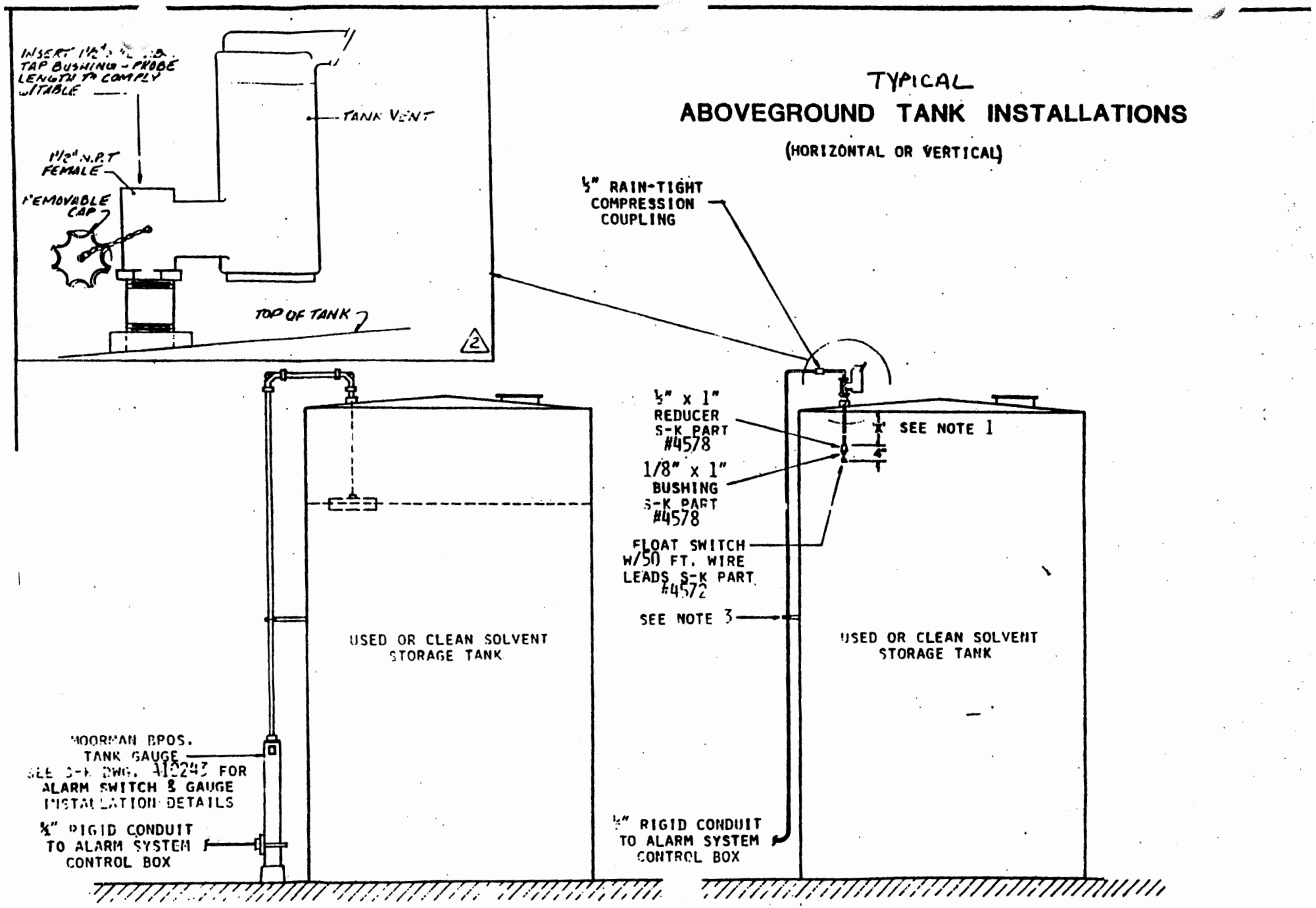
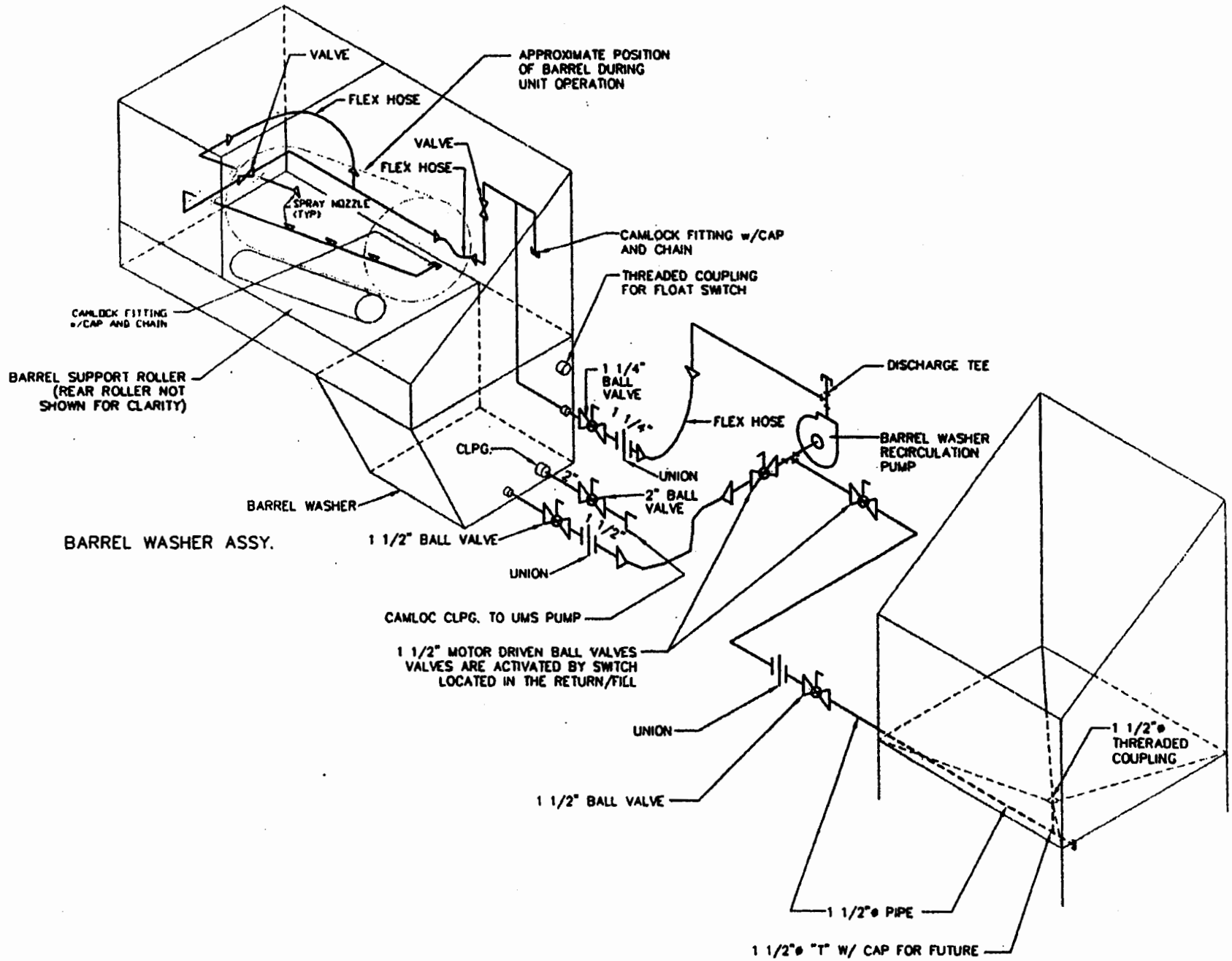

TYPICAL
ABOVEGROUND TANK INSTALLATIONS
(HORIZONTAL OR VERTICAL)
INSERT 1½" N.P.T. TAP BUSHING - PROBE LENGTH TO COMPLY W/TABLE
TANK VENT
1½" N.P.T. FEMALE
REMOVABLE CAP
TOP OF TANK
2
½" RAIN-TIGHT COMPRESSION COUPLING
½" x 1" REDUCER S-K PART #4578
1/8" x 1" BUSHING S-K PART #4578
FLOAT SWITCH W/50 FT. WIRE LEADS S-K PART #4572
SEE NOTE 1
SEE NOTE 3
USED OR CLEAN SOLVENT STORAGE TANK
USED OR CLEAN SOLVENT STORAGE TANK
MOORMAN BROS. TANK GAUGE
SEE S-K DWG. 415243 FOR ALARM SWITCH & GAUGE INSTALLATION DETAILS
¾" RIGID CONDUIT TO ALARM SYSTEM CONTROL BOX
½" RIGID CONDUIT TO ALARM SYSTEM CONTROL BOX
-OPTION 1-
-OPTION 2-

Figure E-5

IPICAL BARREL WASHER/ REUSE SOLVENT SUPPLY TANK PIPING ISOMETRIC

Figure E-6



TERA, inc.

6440 Hillcroft, Suite 200
P.O. Box 740038, Houston, Texas 77274, Tel. 713/772-0876, Fax: 713/981-7713

90-150

TANK SYSTEM CERTIFICATION

I have conducted the design and integrity assessment dated July 5,1990, of the used solvent storage tank system at the Safety-Kleen Corp. facility in Farmington, New Mexico. The EPA ID Number for this facility is: NMD 000804294.

With regard to this duty, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all related attachments and that, based on my observations and my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

John W. Cox

Registered Professional Engineer

New Mexico No. 10317

TERA, Inc.

P. O. Box 740038

Houston, Texas 77274

Signed: _____

Date: _____

JOHN WEST COX
NEW MEXICO
10317
REGISTERED PROFESSIONAL ENGINEER

TERA, inc.

6440 Hillcroft, Suite 200
P.O. Box 740038, Houston, Texas 77274, Tel. 713/772-0876, Fax: 713/981-7713

July 5, 1990
90-150

SAFETY-KLEEN CORP.
777 Big Timber Road
Elgin, Illinois 60123

Attention: Mr. Rob Omiecinski

Subject: Design and Integrity Assessment
Used Solvent System
Farmington Branch

Gentlemen:

Submitted here is our assessment report for the used solvent storage tank system at your Farmington facility. The main report body summarizes assessment results in a format corresponding to the rules being addressed. Appendices are used for presenting detailed information.

We have enjoyed working with you on this interesting project and look forward to another opportunity to be of service to Safety-Kleen. Please contact us at 713/772-0876 if you have any questions.

Very truly yours,

TERA, Inc.

John W. Cox

John W. Cox, Ph.D., P.E.
Vice President

JWC/sv

Enclosures: Five (5) copies

Copy to Mr. Wayne Olson w/Enclosure

JOHN WEST COX
NEW MEXICO
10317
REGISTERED PROFESSIONAL ENGINEER

DESIGN AND INTEGRITY ASSESSMENT
USED SOLVENT STORAGE TANK SYSTEM
FARMINGTON, NEW MEXICO, BRANCH

* * *

To

SAFETY-KLEEN CORPORATION

* * *

By

TERA, Inc.
Houston, Texas

July 1990

TABLE OF CONTENTS

Title	Page No.
SYSTEM DESCRIPTION	1
CONSIDERATIONS OF DESIGN ASSESSMENT	2
1. Design Standards	2
2. Hazardous Characteristics of the Waste	3
3. Corrosion Protection	4
4. Documented Age of System	4
5. Additional Design Considerations	5
INTEGRITY ASSESSMENT	5
SECONDARY CONTAINMENT ASSESSMENT	5
CONCLUSIONS OF ASSESSMENTS	9

ILLUSTRATION

Title	Plate No.
System Schematic	1

APPENDICES

A. Design Documentation

B. Design Review

C. Description of Waste

D. Inspection Records

This report documents the design and integrity assessment for a used solvent storage tank system at the Safety-Kleen facility in Farmington, New Mexico. The assessments described here are written to address the requirements of 40 CFR 264.191 and 40 CFR 264.193. These sections have been adopted entirely in Part VI of the Hazardous Waste Management Regulations of the New Mexico Environmental Improvement Board (EIB/HWMR-5).

SYSTEM DESCRIPTION

Used mineral spirits solvent is poured from containers into an open-top aboveground steel solvent return receptacle (wet dumpster). The used solvent is pumped from the dumpster through aboveground piping to a nearby 12,000-gallon capacity steel storage tank. Accumulated used solvent and sludge are periodically removed from this "used solvent storage tank" for offsite recycling. Solvent removal is performed by a tank truck through a 3-inch pipe. Sludge and solids are removed through a manway.

The storage tank is a vertical cylinder with a shallow cone roof and a flat bottom. The tank is supported on a skid of galvanized steel rectangular tubes. The dumpsters and pump are located within a curbed concrete containment area in an adjacent "dump and fill" dock. The used solvent storage tank is vented to the atmosphere. Liquid level is monitored daily by reading a level indicator. A schematic drawing of the used solvent storage system is shown on Plate 1.

CONSIDERATIONS OF DESIGN ASSESSMENT

1. Design Standards (40 CFR 264.191(b)(1))

Design standards and materials of construction were determined from construction drawings for the system. Information made available for this purpose is listed in Appendix A.

The tank system design has been reviewed for compliance with the following applicable codes:

- National Fire Protection Association, NFPA 30, Flammable and Combustible Liquids Code, 1987 Ed. (tank and piping)
- American Petroleum Institute, API 12F, Specification for Shop Welded Tanks for Storage of Production Liquids (tank)
- Hydraulics Institute Standards (pump)
- American Concrete Institute, ACI 318-89, Building Code Requirements for Reinforced Concrete (containment slab floor)
- American Concrete Institute/American Society of Civil Engineers, Building Code Requirements for Masonry Structures, ACI 530-88/ASCE 5-88 (containment walls)
- American Petroleum Institute, API 650, Appendix E (tank seismic response analysis)
- American National Standards Institute, ANSI A58.1-1982 (tank wind response analysis)

The dumpster design has been developed by Safety-Kleen's engineering staff and incorporates the experience of over 15 years of operating service. Standards are internal to the Company and are expressed mainly by their fabrication drawings. Appendix A contains a copy of the dumpster assembly drawing and a letter from Safety-Kleen's engineering manager giving the service history of this equipment.

CONSIDERATIONS OF DESIGN ASSESSMENT (Continued)

1. Design Standards (40 CFR 264.191(b)(1)) (Continued)

Calculations, discussion and checklists which evaluate compliance with these codes are given in Appendices B and D. The design review shows that:

- The design substantially conforms to the standards referenced above;
- The design standards are appropriate for this application.

Descriptions of typical coating materials and application procedures used by Safety-Kleen are referenced in Appendix A. This information indicates that the materials should be satisfactory for the intended service, provided recommended procedures are followed by the applicator.

The conclusion upon review of the documents is that the design of the used solvent storage tank system is appropriate for the intended service.

2. Hazardous Characteristics of the Waste (40 CFR 264.191(b)(2))

The waste stored in this system is a used mineral spirits (petroleum distillate) solvent from a variety of cleaning and degreasing operations. A description of the expected waste materials is attached in Appendix C.

The material will be two-phase (liquid and sludge) at ambient temperatures. Its primary hazardous characteristic is ignitability, EPA hazard code I. Materials such as heavy metals from cleaning operations may also cause the used solvent and/or sludge to exhibit the characteristic of EP toxicity, EPA hazard code E.

3. Corrosion Protection (40 CFR 264.191(b)(3))

The exterior of the dumpster is protected from corrosion by paint. Pipes outside the dump and fill shelter are galvanized and painted for protection from weather. Inside piping is either galvanized or left with its mill finish. Both have proven to be adequate corrosion protection under roof. The exterior of the steel tank is protected by a paint coating. As described by the inspection record and photographs of Appendix D the tank paint was found to be in a satisfactory condition.

System components are not provided with any specific internal corrosion protection measures. Review of the chemical composition of the waste material shows it to be compatible with and not corrosive to the dumpster, piping, and tank materials. A possible exception is water which tends to form a layer at the bottom of the tank. However, corrosion at the tank wall/water interface is inhibited because of limited free oxygen in the waste, together with waste removal procedures by Safety-Kleen which result in little if any exposure of this interface to air. Additionally, prior experience at other Safety-Kleen installations indicates that the waste material is compatible with the system materials of construction.

It is therefore concluded that the waste materials are sufficiently compatible with the system materials of construction not to require additional corrosion protection.

No external metal component will be in contact with soil or water. Therefore, the tank system does not require cathodic protection.

4. Documented System Age (40 CFR 264.191(b)(4))

The fabricator's nameplate on the tank shows the tank was fabricated in 1981. Safety-Kleen personnel recall that the tank system

4. Documented System Age (40 CFR 264.191(b)(4)) (Continued)

was also installed in 1981. Based on this information the system age is taken to be nine (9) years at the time of this assessment.

5. Additional Design Considerations

No underground components are used in this system, and no adverse effects from vehicular traffic have been identified. The dumpsters are separated from vehicles by concrete filled steel pipes embedded in reinforced concrete. The storage tank is located within the walls of the secondary containment system. Piping not within secondary containment has welded joints.

The tank foundation appears to be adequately designed to support the load of a full tank, and there was no sign of distress due to frost heave. Anchorage is not required to resist anticipated seismic or wind loads. The tank system is not located in a saturated zone.

INTEGRITY ASSESSMENT (40 CFR 264.191(b)(5))

Visual inspection of system components was made on June 13, 1990. The purpose of this inspection was to confirm compliance with plans and to identify leaks, defects or damage. Inspection records are presented in Appendix D and show that the only corrective actions needed are to ground the tank and remove the padlock from the emergency vent cover. Ancillary equipment was found to be adequately supported and protected from damage.

SECONDARY CONTAINMENT ASSESSMENT

The following paragraphs give a comparison of the containment system features to current requirements. For brevity, "secondary containment" as used here means features that meet the requirements of 40 CFR 264.193.

SECONDARY CONTAINMENT ASSESSMENT (Continued)

1. Required Date (40 CFR 264.193(a))

This system was placed in service in 1981. Secondary containment is required by regulations in 1996.

2. Materials Compatibility (40 CFR 264.193(c)(1))

The waste material collected and stored by the system is a used mineral spirits solvent which consists primarily of mineral spirits plus water, solids, oil, and grease picked up in various cleaning and degreasing operations. The primary hazardous characteristic of the waste is ignitability. Based both on literature and on Safety-Kleen's past experience, this material is compatible with and not corrosive to the materials of construction. These are primarily concrete, carbon steel, and polyurethane and epoxy coatings.

3. Strength (40 CFR 264.193(c)(1))

The most critical strength requirement for the floor slab of the tank containment structure is to provide foundation support for the clean and used solvent tanks when full. As shown by the calculations in Appendix B, and by satisfactory service, the strength of the floor slab appears to be adequate.

The most critical strength requirement for the containment walls is to resist hydrostatic pressure from containment of 12,000 gallons of spilled waste plus a 25-year, 24-hour rainfall. As shown in Appendix B, the concrete masonry unit wall construction appears to be adequate for this purpose.

3. Strength (40 CFR 264.193(c)(1)) (Continued)

The pressure containment capacity of the pump, piping and other ancillary equipment items was reviewed and found to be adequate for the intended service, as discussed in Appendix B.

4. Foundation (40 CFR 264.193(c)(2))

As shown in Appendix B, the foundation support provided by the floor slab appears to be sufficient to avoid failure of the containment structure due to settlement, compression, uplift and pressure gradients. This conclusion is supported by satisfactory service of the foundation to date.

5. Leak Detection (40 CFR 264.193(c)(3))

All components of this system are aboveground and accessible for visual inspection. Leak detection is provided by daily visual inspection of the containment system for prompt detection of leaks and removal of liquids if required.

6. Liquid Removal (40 CFR 264.193(c)(4))

A blind sump is located at mid-length of the south wall of the containment vault. The vault floor is sloped to promote drainage to this point. Liquid removal is accomplished by hand pump or vacuum truck.

7. Requirements for Vault System (40 CFR 264.193(d) and (e)(2))

As shown on page B-1 of Appendix B, the containment vault for the tank has a design capacity sufficient to hold 100 percent of the tank capacity plus precipitation from a 6.8 inch rainfall. According to Weather Bureau Technical Paper No. 40, the 25-year, 24-hour design

7. Requirements for Vault System (40 CFR 264.193(d) and (e)(2)) (Continued)

rainfall at this site is 2-1/2 to 3 inches. Thus, containment capacity is more than required by 264.193(e)(2)(ii).

Interior concrete surfaces have been coated with a polyurethane epoxy paint. Based on manufacturer's literature and previous experience at other Safety-Kleen facilities, the paint appears to be impermeable to and compatible with the waste to be stored.

Both containment areas (dump and fill curbed area and concrete tank vault) are well ventilated and open to the atmosphere. This feature, together with daily inspections minimize the opportunity for accumulation of explosive vapors.

The containment structures are not subject to external hydrostatic pressures. These could only come from beneath the concrete slabs, and surrounding topography makes this an unlikely event.

8. Ancillary Equipment (40 CFR 264.193(f))

As shown on page B-2 of Appendix B, the curbed containment area for the dump and fill dock has adequate capacity to contain the entire contents of a full dumpster.

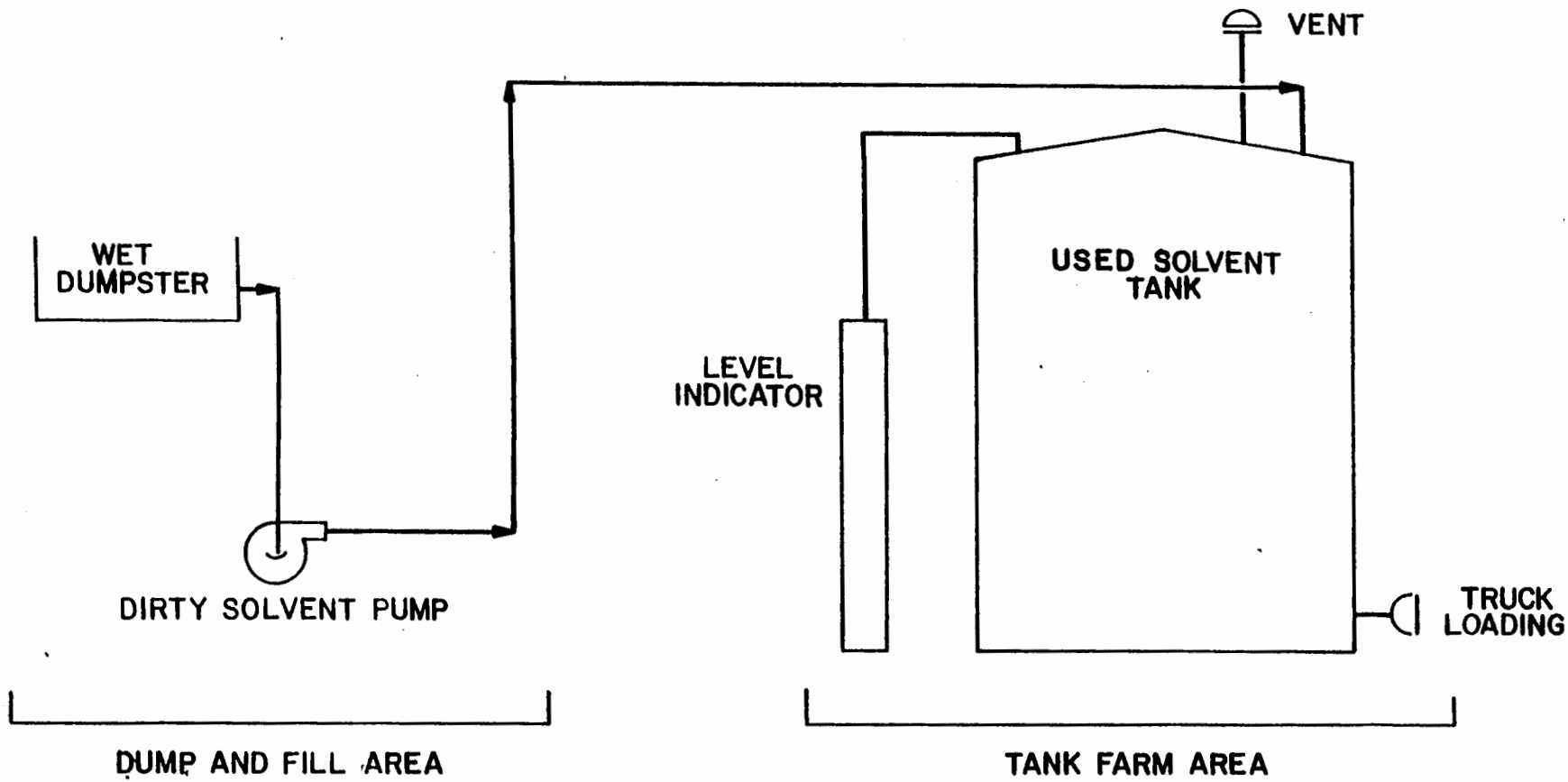
The piping and pump of this system are aboveground. The pump and all non-welded piping joints are located within (or above) the concrete containment structures. The pressure containment capacity, support and protection of ancillary equipment appears to be satisfactory.

CONCLUSIONS OF ASSESSMENTS

Based on the information presented in this report, the used solvent storage tank system at Safety-Kleen's facility in Farmington, New Mexico, appears to be designed to have adequate structural strength and compatibility with the wastes being handled. The system was found to be structurally sound; was not leaking or threatening to leak to the environment; and has adequate secondary containment for the tank and its ancillary equipment.

When the corrective actions named above are complete the tank system will be in compliance with 40 CFR 264.191 and 40 CFR 264.193, the governing rules for these assessments.

ILLUSTRATION



SYSTEM SCHEMATIC

TERA, INC.

PLATE 1

90-150

APPENDIX A

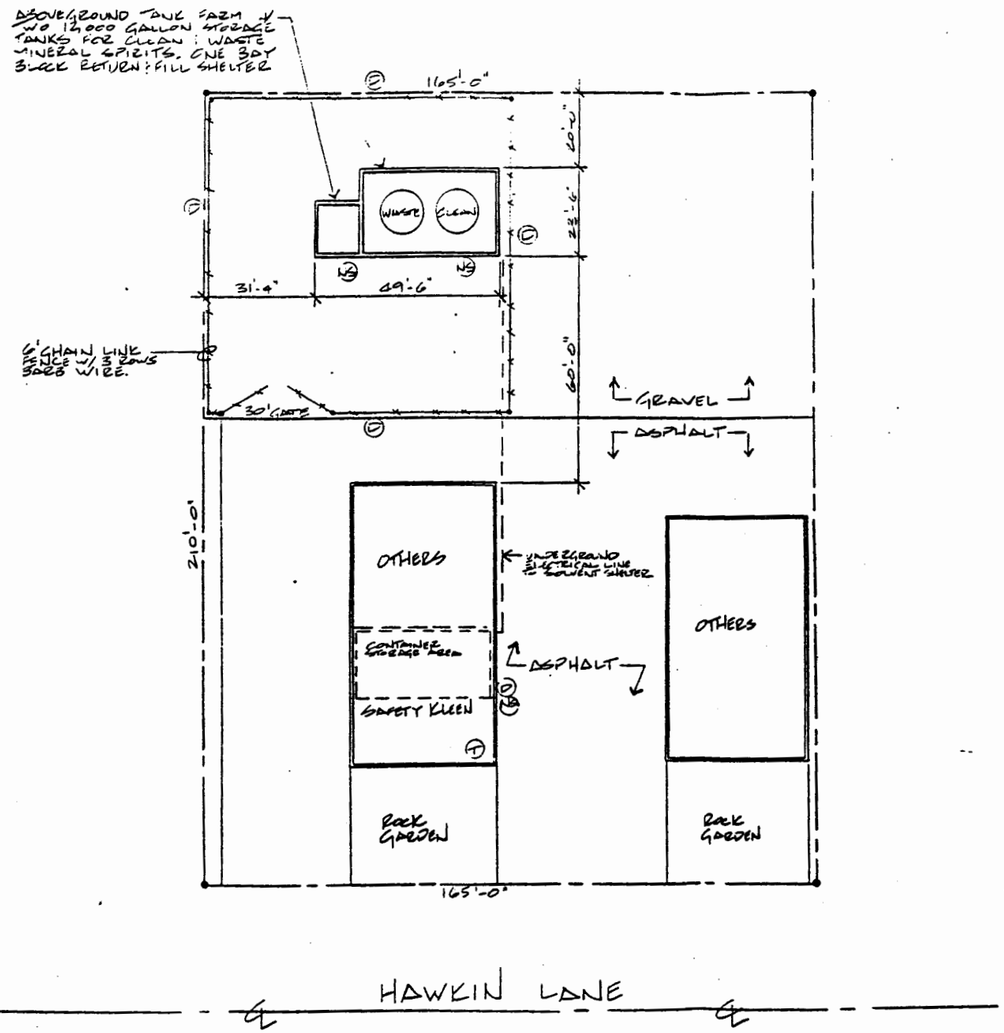
Design Documentation

APPENDIX A

Design Documentation

The following drawings and other design data were provided by Safety-Kleen to describe the used solvent tank system design. These were used in the design and integrity assessment. Those marked * are included in this appendix.

Title	Plate No.
* Site Plan, Farmington, NM Branch, D13712.....	A- 1
* Floorplan Showing Various Improvements to Building, Satellite Branch, Farmington, NM, D10239.....	A- 2
* Tank Farm Plan, Farmington, NM Branch, D13713.....	A- 3
* Typical Concrete Construction Details, D11322.....	A- 4
Tank Skid, D13146	
High Level Alarm System Details, D13102	
Used Solvent Storage Tank Installation Details, D11124	
* Solvent Pump Piping Installation Details, D11150.....	A- 5
* Dumpster Final Assembly Details, D10450.....	A- 6
* Safety-Kleen Letter re Standard Dumpster Design and Performance.....	A- 7
Dumpster Valve and Hose Assembly, D10452	
* Emergency & Gate Valve Installation Details, C11302.....	A- 8
Aboveground Vertical Tank Anchoring Assembly Details, C10262	
* Moorman Bros. Tank Gauge Installation, A10243.....	A- 9
* Coating Information Letter, 7/31/89.....	A-10
Carboline, Sikaflex, Federal International Chemicals, and DuPont Coating Product Data Sheets	



SITE PLAN

SCALE 1" = 20'

(A)

(A) As shown
J. W. Coy
6/13/90

PLATE A-1

LEGEND:

- (T) (T) = TELEPHONE
- (FE) (FE) = FIRE EXTINGUISHER (TYPICAL 5# ABC CLASS
- (FA) (FA) = FIRST AID STATION
- (D) (D) = "DANGER" SIGN
- (NS) (NS) = "NO SMOKING" SIGN
- (CS) (CS) = "CORROSIVE" SIGN

NEW — EXISTING

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NO	DESCRIPTION	BY	CHK	APPR	DATE
1	REVISION FROM CGS PROVIDED INFO AS BUILT DATED 9/82	WEY			10/89

REVISIONS

TITLE: SITE PLAN 4200 HAWKIN LANE

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

SCALE	DRAWN	CHECKED	ENGINEERING APPR	OPERATION APPR	DATE
1"=20'	WEY				10/31/89

FARMINGTON, N.M. 7-008-21 | DRAWING NO D13712 | REV 1

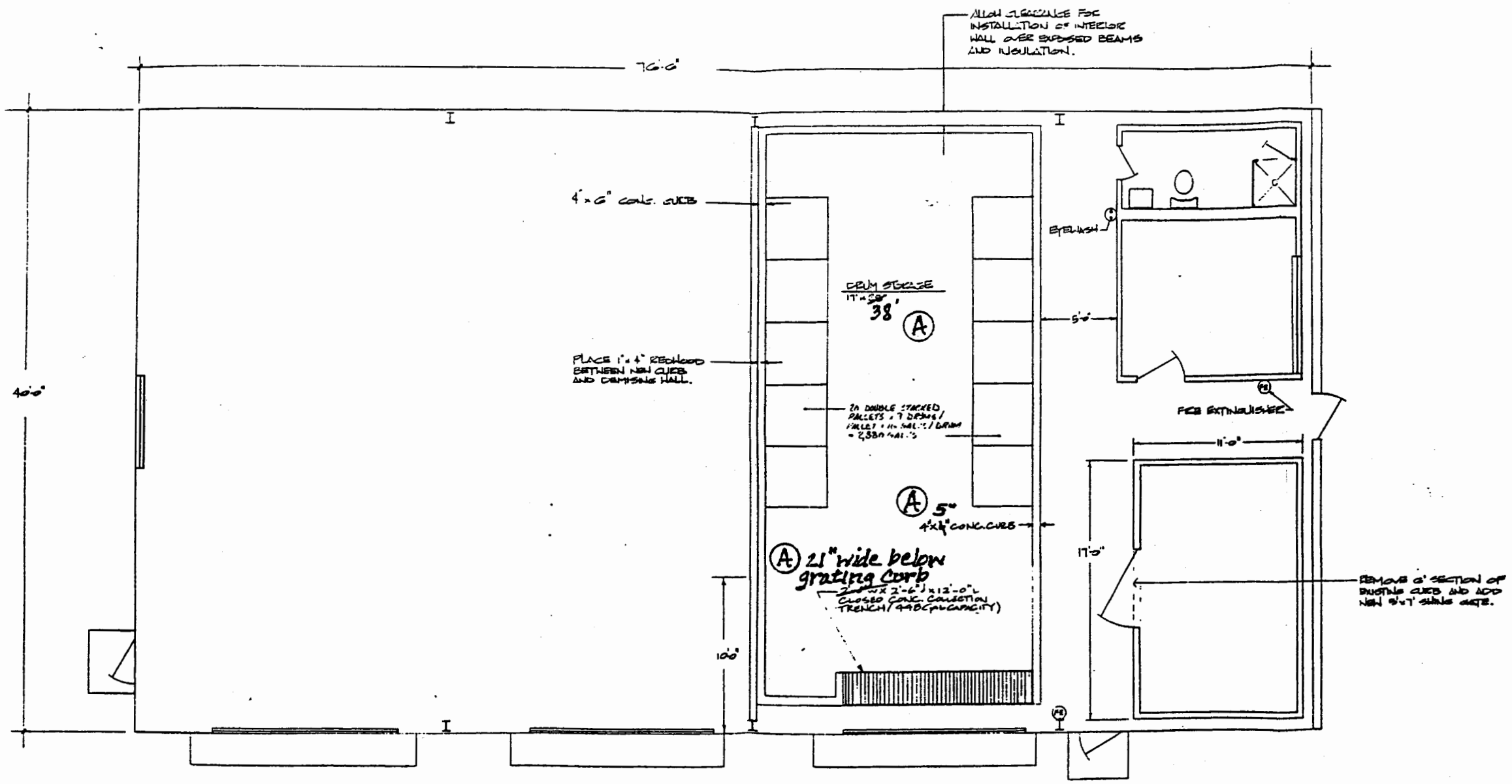


PLATE A-2

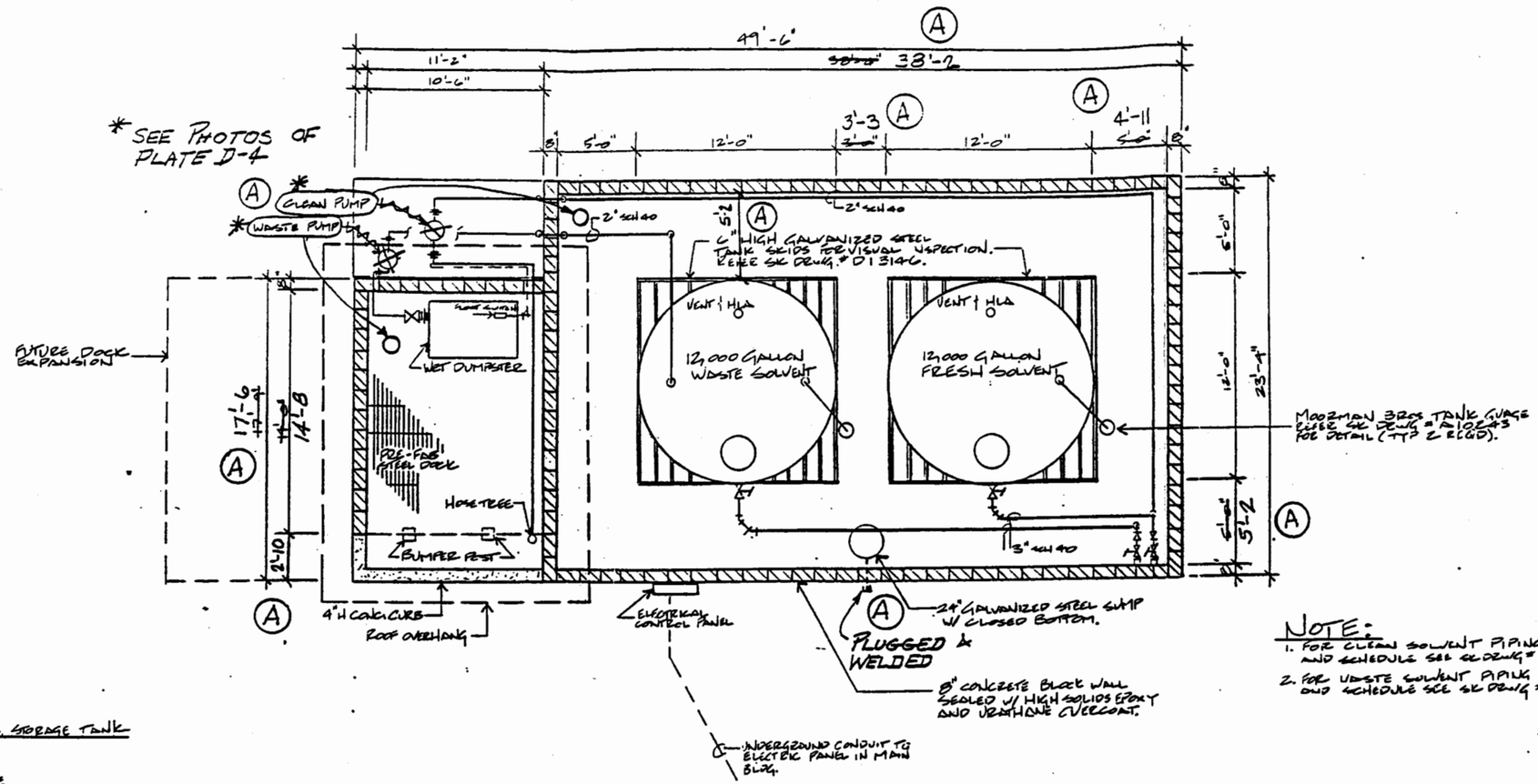
A As-built J.W.Cox 6/13/90

LEGEND:

- (T) (T) = TELEPHONE
- (FE) (FE) = FIRE EXTINGUISHER (TYPICAL 5# ABC CLASS)
- (FA) (FA) = FIRST AID STATION
- (D) (D) = "DANGER" SIGN
- (NS) (NS) = "NO SMOKING" SIGN
- (CS) (CS) = "CARCINOGEN" SIGN

FLOORPLAN SHOWING VARIOUS IMPROVEMENTS TO BUILDING

SCALE 1/4" = 1'-0"			
DATE 8-7-81	A ADDED DRUM STORAGE SUMMARY	RD	9-14-87
DRAWN BY WEY			
TITLE SATELLITE BRANCH			



TANK FARM PLAN

SCALE = 1/4" = 1'-0"

NOTE:
1. FOR CLEAN SOLVENT PIPING DIAGRAM AND SCHEDULE SEE SK DWG #D11123.
2. FOR WASTE SOLVENT PIPING DIAGRAM AND SCHEDULE SEE SK DWG #D11124.

DIKE VOLUME CALCULATION: 12,000 GAL. STORAGE TANK

FORMULAE USED:

$\pi r^2 H$(7.48 GAL/FT³) = TANK DISPLACEMENT VOLUME
LWH(7.48 GAL/FT³) = DIKE VOLUME

r (TANK RADIUS) = 6'-0"
L (DIKE LENGTH) = 37'-0"
W (DIKE WIDTH) = 22'-0"
H (DIKE HEIGHT) = 3'-0"

DIKE VOLUME: (37'-0")(22'-0")(3'-0")(7.48 GAL/FT³) :	18,266 GAL
VOLUME OF LARGEST TANK WITHIN THE DIKE AREA) :	−12,000 GAL
TANK DISPLACEMENT VOLUME: π(6'-0")²(2'-6")(7.48 GAL/FT³):	− 2,115 GAL
NOTE: TANK DISPLACEMENT ADJUSTED FOR TANK SKID.	
25 YEAR 24 HOUR PERIOD: 4.5" × DIKE AREA :	− 2,283 GAL
10% SAFETY FACTOR :	− 1,200 GAL
TOTAL EXCESS	668 GAL

LEGEND:
- (T) (T) = TELEPHONE
- (FE) (FE) = FIRE EXTINGUISHER (TYPICAL 5# ABC CL.
- (FA) (FA) = FIRST AID STATION
- (D) (D) = "DANGER" SIGN
- (NS) (NS) = "NO SMOKING" SIGN
- (CR) (CR) = "CORROSIVE" SIGN

NEW — EXISTING

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NO	DESCRIPTION	BY	CHK	APPR	DATE
1	REDRAWN FROM CDS SUPPLIED INFO REPLACES SK # D10238 & D10758	WEY			4/89

REVISIONS

TITLE: TANK FARM PLAN

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60120

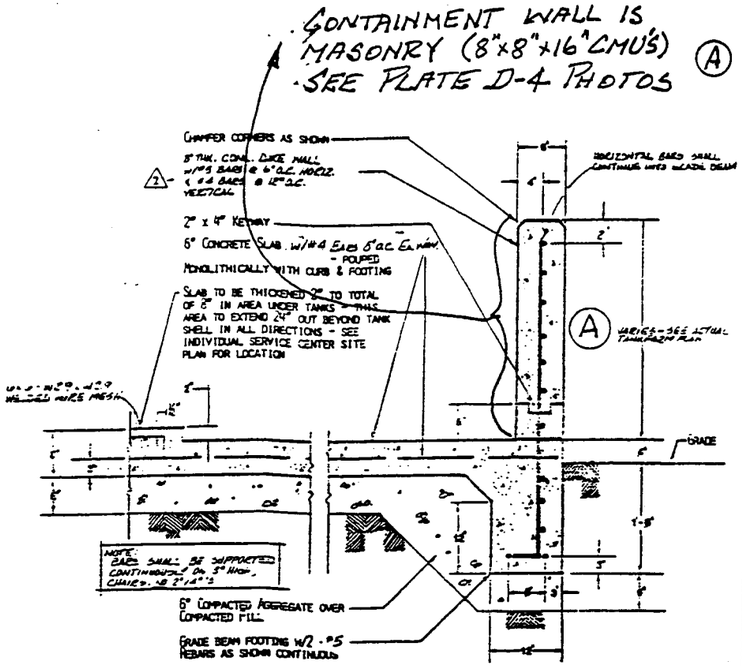
SCALE	DRAWN	CHECKED	ENGINEERING APPR	OPERATION APPR	DATE
1/4" = 1'-0"	WEY				

FARMINGTON, N.M.
7-608-21

DRAWING NO D13713 REV 1

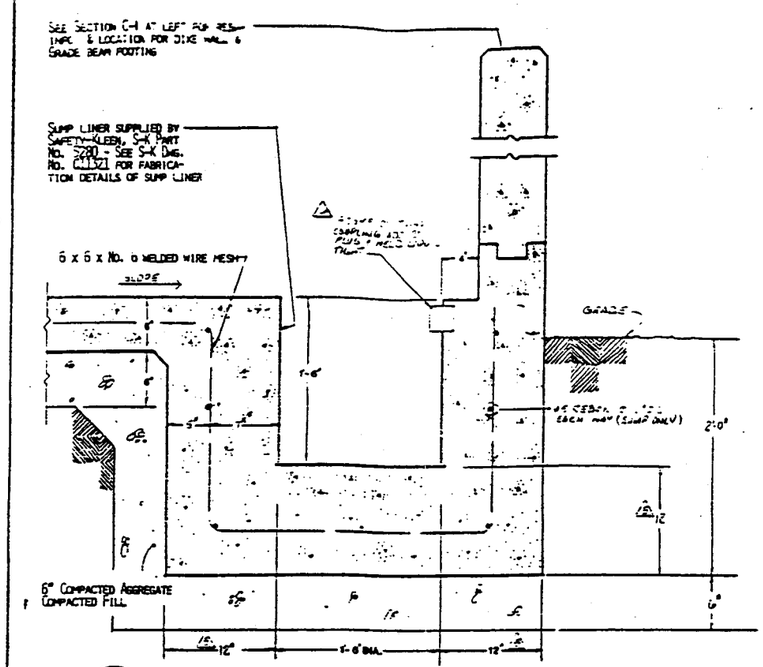
PLATE A-3

(A) As-built details observed 6/13/90
J. W. Coy



C1 SECTION C-1 : TANK SLAB & DIKE WALL CONSTRUCTION DETAIL

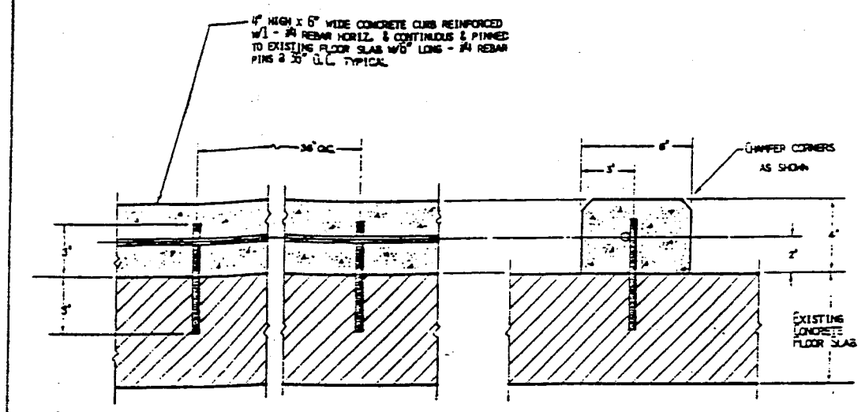
SCALE: 1"=1'-0"



C3 SECTION C-3 : TANK FARM SUMP CONSTRUCTION DETAIL

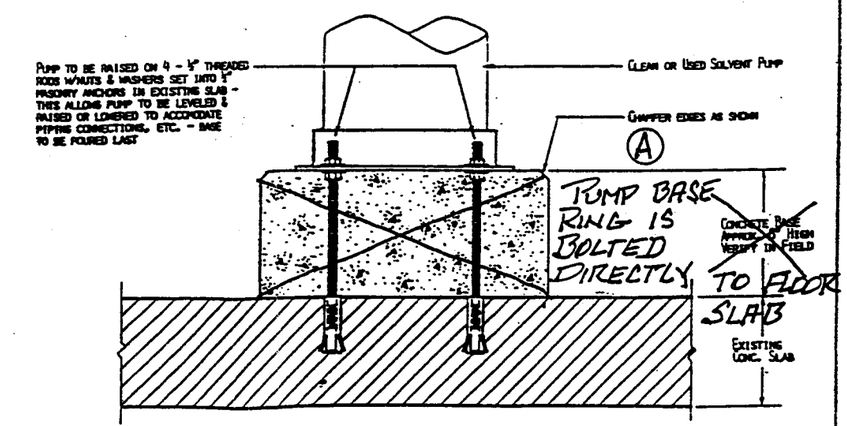
SCALE: 1½"=1'-0"

NOTE: FOR AREAS WHERE CURBING IS TO BE INSTALLED FLOOR SURFACE TO BE CLEANED & SCRUB w/5-10% ACID SOLUTION IN PREPARATION FOR EPOXY BONDING AGENT. BONDING AGENT TO BE W.R. MEADOWS INTRALOK ACRYLIC LATEX OR APPROVED EQUAL AND TO BE APPLIED PRIOR TO POURING CURB.



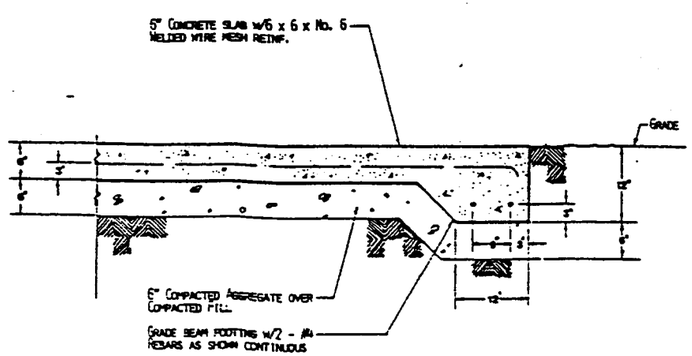
D1 DETAIL D-1 : CURB CONSTRUCTION

SCALE 3" = 1'-0"



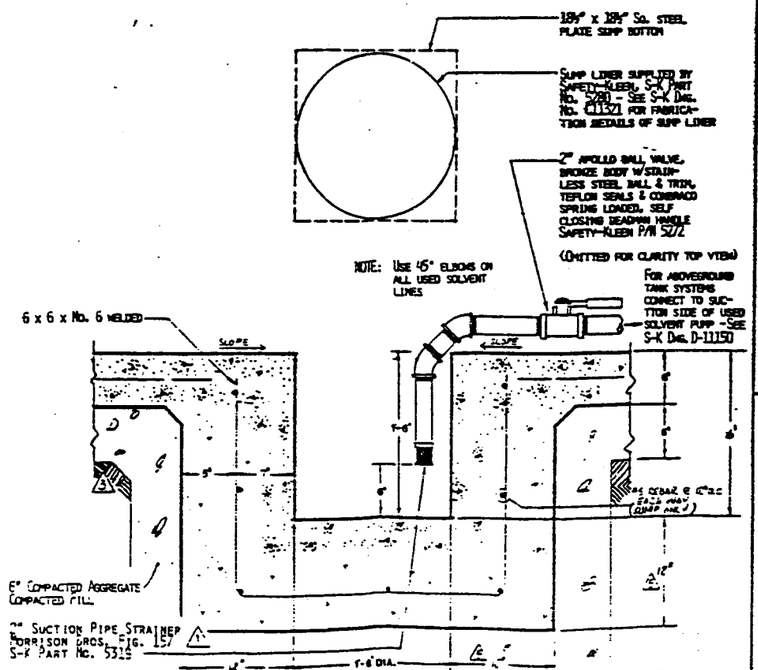
D2 DETAIL D-2 : PUMP BASE CONSTRUCTION

SCALE: 3" = 1'-0"



C2 SECTION C-2 : SLAB CONSTRUCTION DETAIL

SCALE: 1"=1'-0"



C4 SECTION C-4 : RETURN & FILL AREA SUMP CONSTRUCTION DETAIL

SCALE: 1½"=1'-0"

GENERAL NOTES

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2. THIS DRAWING SUPERCEDES SAFETY-KLEEN DRAWINGS C10240, C10862, D10507 AND 31055
3. SEE INDIVITUAL SERVICE CENTER PLANS FOR LOCATIONS OF THESE DETAILS
4. CONCRETE TO OBTAIN 3,000 PSI STRENGTH IN 28 DAYS
5. ALL ITEMS WITH SAFETY-KLEEN PART NO. REFERENCES WILL BE SUPPLIED TO CONTRACTOR.

A

Approved J.W. Coy 6/13/90

PLATE A-4

REV	DESCRIPTION	BY
7	[illegible]	[illegible]
6	ADDED [illegible]	[illegible]
5	THICKENED CONC. IN TANK SECT'S C9 & C6	[illegible]
4	RMV'D. 2" DRAIN LINE & BALL VALVE #3	[illegible]
3	RMV'D U.G. DRAIN LINE FROM SUMP DET. #4	[illegible]
2	VERT. BAR SPACING WAS 48"	[illegible]
1	ADDED NOTE 5 & PIPE STRAINER	[illegible]

safety-kleen corp.

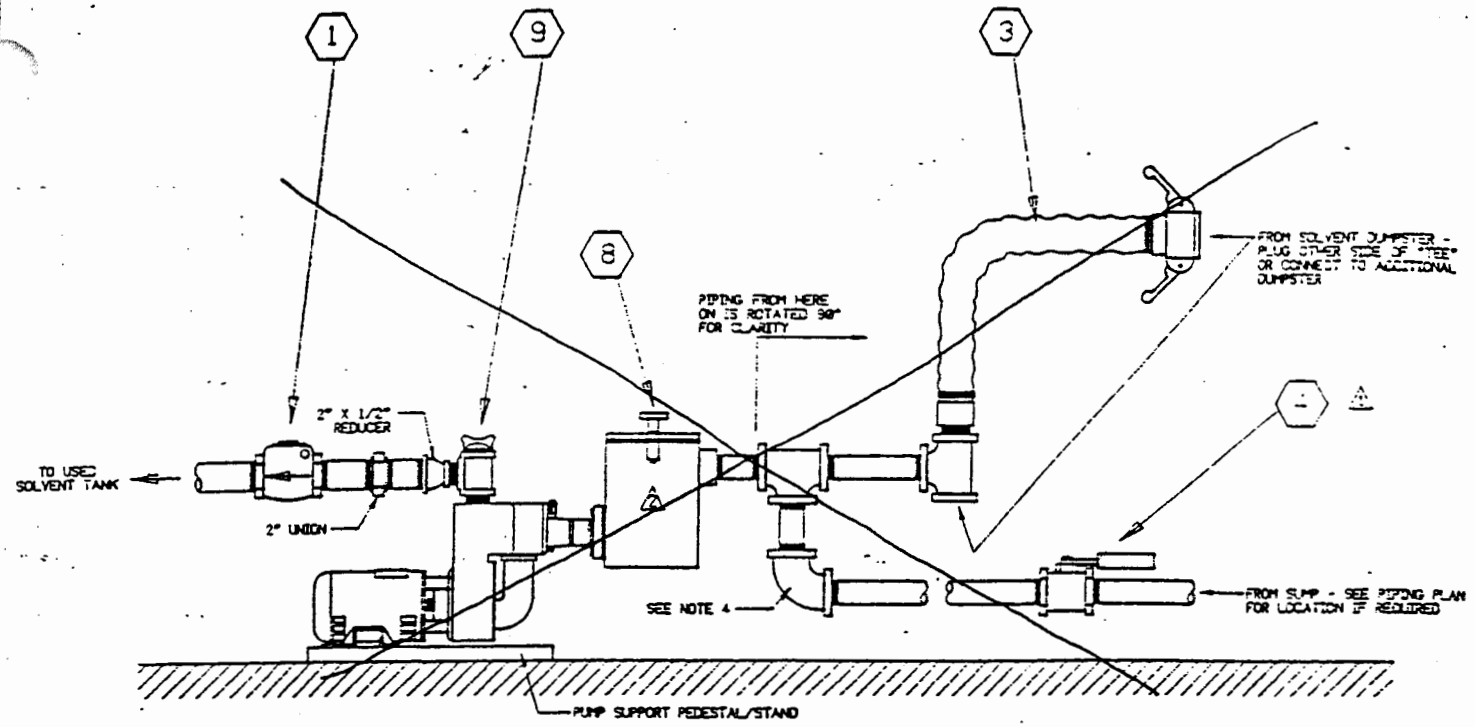
TYPICAL CONCRETE CONSTRUCTION DETAILS

SCALE: AS SHOWN

DATE: [illegible]

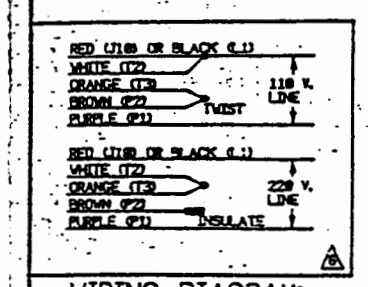
FOR: SERVICE CENTER BRANCH IMPROVEMENTS &/OR CONSTRUCTION

DWG. NO. D11322

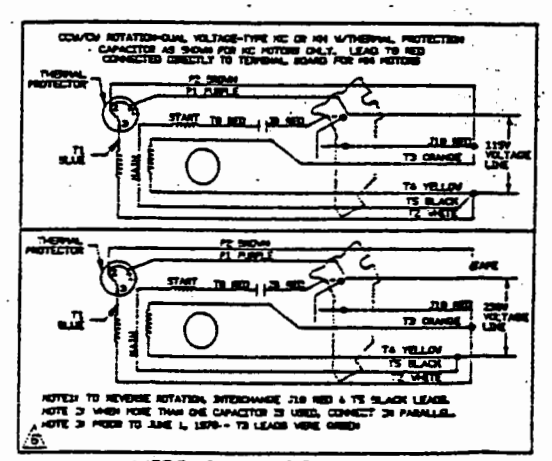


USED SOLVENT PUMP INSTALLATION

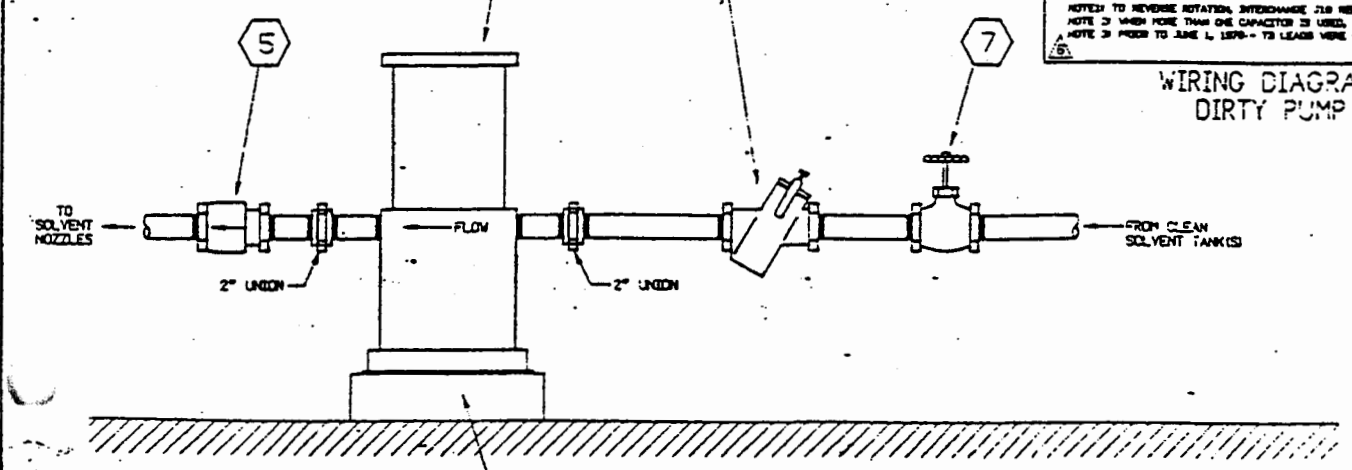
A



WIRING DIAGRAM: CLEAN PUMP



WIRING DIAGRAM: DIRTY PUMP



SEE DETAIL D-2
PLATE A-4

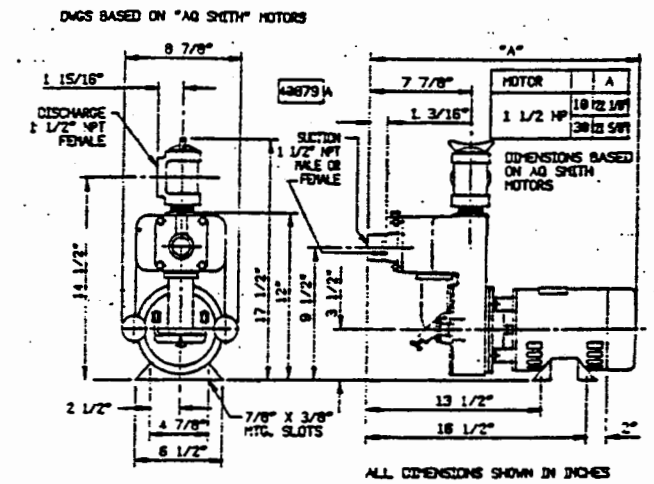
CLEAN SOLVENT PUMP INSTALLATION

EQUIPMENT / FIXTURE SCHEDULE

MARK	SIZE	DESCRIPTION	SK PART NO.	REMARKS
1	2"	2" BRONZE CHECK VALVE - MORRISON BROS. FIG. 246-A	S288	
2	2"	2" MARLOW PUMP - 20 EVP 10A 1 HP EXPLOSION PROOF MOTOR W/JUNCTION BOX - VITON FITTED	S240	SEE SPECIFICATION DETAILS ON SAFETY-KLEEN DWG. A1118 BELOW
3	2"	2" DUMPSTER HOSE ASSEMBLY	S234	SEE SAFETY-KLEEN DWG. D124532 FOR DETAILED INFORMATION
4	2"	2" APOLLO BALL VALVE, BRONZE BODY W/STAINLESS STEEL BALL & TRIM, TEFLON SEALS & CONBRACO SPRING LOADED SELF CLOSING DEADMAN HANDLE	S272	
5	2"	2" BACK PRESSURE VALVE VERTICAL TYPE WITH 6 PSI SPRING SETTING - MORRISON BROS. FIG. 150-B/PR 115 P.S.I. OPEN	S258	FOR ABOVEGROUND TANK INSTALLATION ONLY
6	2"	2" LINE STRAINER W/TOP CLEAN-OUT W/#20 MESH MORRISON BROS. FIG. 286	S269	
7	2"	2" BRONZE GATE VALVE MORRISON BROS. FIG. 235	S236	
8	2"	2" MARLOW SUCTION STRAINER ASSEMBLY MODEL 2812X W/STAINLESS STEEL BASKET W/#18 PERFORATIONS	S313	FLANGED DISCHARGE PORT OF STRAINER SERVES AS UNION ON SUCTION SIDE OF PUMP
9	1 1/2"	1 1/2" MARLOW PUMP - 1 1/2HR4SEC, SINGLE PHASE, EXPLOSION PROOF, BUNA FITTED, SELF PRIMING CENTRIFUGAL	S330	SEE DETAIL BELOW LEFT

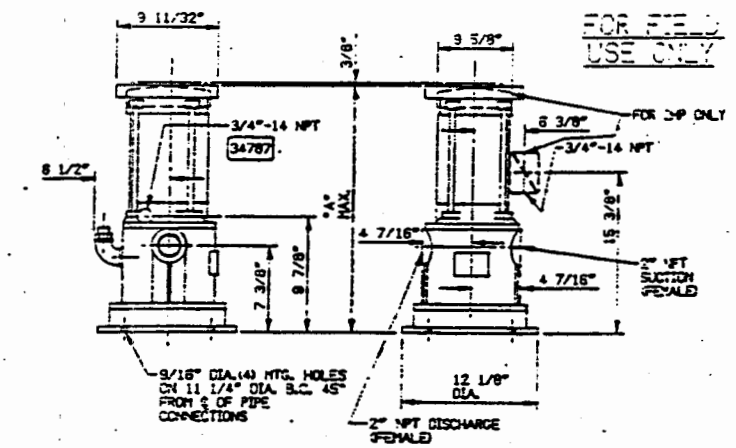
PUMP UNITS WITH OPEN MOTORS
1 1/2HR4SEC

DWGS BASED ON "AQ SMITH" MOTORS



ALL DIMENSIONS SHOWN IN INCHES

THESE DIMENSIONS NOT TO BE USED FOR CONSTRUCTION PURPOSES WITHOUT FORMAL FACTORY APPROVAL.



FOR FIELD USE ONLY

GENERAL NOTES

1. MODEL TO BE USED BY SAFETY-KLEEN CORP. - MODEL 20 EVP-10A, 1 HP - 2" WITH EXPLOSION PROOF MOTOR W/JUNCTION BOX & VITON FITTED, SINGLE PHASE 60 CYCLE 115/230V.
2. SEE INDIVIDUAL SERVICE CENTER SITE PLANS FOR LOCATION OF THE INSTALLATION.

S-K PART NO.	HP	PHASE	CYCLE	A	
				T.E. EXPL. PROOF MOTORS	
S240		1	60	20 13/32"	115/230

PLATE A-5

GENERAL NOTES

1. THIS DRAWING SUPERCEDES SAFTY-KLEEN CORP. DRAWING A1118
2. SEE INDIVIDUAL SERVICE CENTER SITE & PIPING PLANS FOR LOCATIONS & ARRANGEMENT OF THESE DETAILS.
3. FOR UNDERGROUND TANK INSTALLATIONS, A 90° CHECK VALVE MORRISON BROS. FIG. 127 OR APPROVED EQUAL SHOULD BE INSTALLED AT TOP OF TANK ON CLEAN PUMP SUCTION LINE (CLEAN TANKS ONLY).
4. ALL PIPING TO BE 2" SCHEDULE 40 GALVANIZED UNLESS OTHERWISE SPECIFIED. ALL CHANGES OF DIRECTION IN DIRTY SOLVENT PIPING TO BE ACCOMPLISHED USING EITHER (2)-45° ELBOWS OR (1)-LONG RADIUS 90° ELBOW.
5. THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.
6. ALL ITEMS WITH SAFETY-KLEEN PART NO. REFERENCES WILL BE SUPPLIED TO CONTRACTOR.

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
2	ADDED V.D.'S FOR CLEAN & USED PUMPS	RC			9/6/94
1	ADDED NEW PUMP FOR DIRTY SOLVENT TO VIEW & TABLE ADDED PUMP SPECS	RC			4/18/91
3	ADDED NOTE 6	WJ			8/23/94
2	ADDED PUMP SPECS - DWG A1118	WJ			5/3/84
1	ADDED ITEM 9 & ADDED TO NOTE 4	WJ			2/21/94
1	CHANGED ITEM 4 TO NEW TYPE VALVE	WJ			12/15/93

REVISIONS

TITLE: SOLVENT PUMP PIPING INSTALLATION DETAILS

SAFETY-KLEEN CORP.

FINAL ENG. APPR.	OPERATIONS APPR.	SCALE	DRAWN	DATE
		NTS	WVD-PSG	2/24/89

FOR SERVICE CENTER BRANCH

DRAWING NO. D11150

2/24/89 PSG

Safety-Kleen

July 19, 1989
WOH 89-149

Mr. W. R. Vines
TERA, INC.
PO Box 740038
Houston, TX 77274

Re: Standard Dumpster Design and Performance

Dear Wendell:

This letter confirms our several telephone conversations on the design and performance history of standard dumpsters used at Safety-Kleen branches. Fabrication and assembly drawings have been furnished to illustrate the configuration of the dumpsters.

The dumpster design was originally adapted in the mid-1970's by a Safety-Kleen engineer from similar garbage dumpsters that had been successfully employed in this service for several years. The design adaptation was primarily empirical since there were no codes or recognized procedures for wall or support design.

The standard dumpsters have performed satisfactorily over a period of more than ten years. Approximately 309 dumpsters are currently in service in the U.S. Minor modifications have been made in the design to enhance operational convenience, but no change in the basic design parameters have been required. The primary causes of problems or occasional minor leaks in dumpsters have been:

1. Accidental damage from vehicle impact.

2. Weld defects (pinhole leaks).

I am not aware of any instance of failure or inadequate structural performance of a dumpster in normal operations, or from overfilling with liquid.

Please contact me if you have any questions.

Very truly yours,

WILLIAM O. HEYN, P.E.
Illinois Registration No. 062-033293
Manager of Engineering
Safety-Kleen Corp.

WOH/vsb

777 BIG TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 312/697-3460 TELEX 910 251 4473

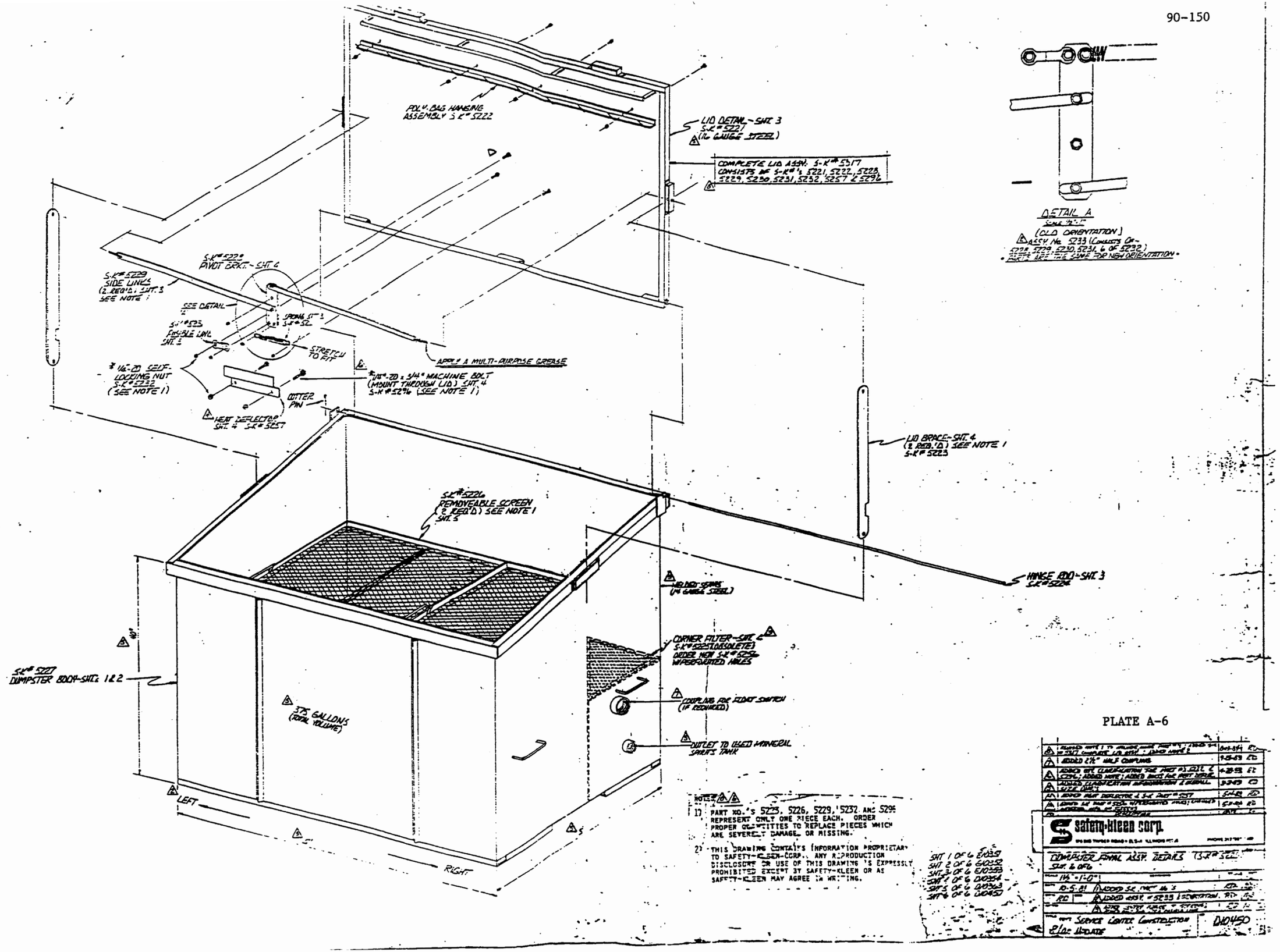
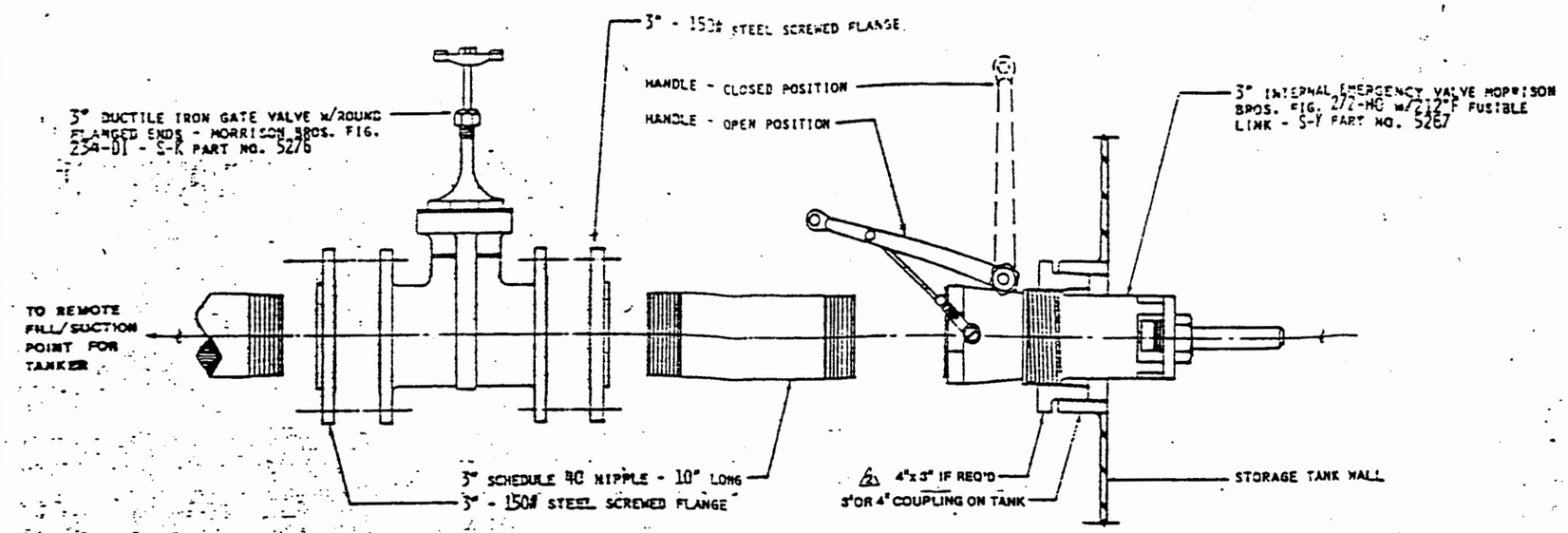

POLY. BAG HANGING ASSEMBLY S-K# 5222
LID DETAIL - SHT. 3 S-K# 5221 (16 GAUGE STEEL)
COMPLETE LID ASSY. S-K# 5217 CONSISTS OF S-K#'s 5221, 5222, 5223, 5229, 5230, 5231, 5232, 5257 & 5296
DETAIL A
(OLD ORIENTATION)
ASSY. No. 5233 (CONSISTS OF 5228, 5229, 5230, 5231, & OF 5232)
S-K# 5229 SIDE LINKS (2 REQ'D) SHT. 3 SEE NOTE 1
S-K# 5228 PIVOT BRKT. - SHT. 4
SEE DETAIL
S-K# 5233 FLEXIBLE LINK SHT. 2
SPRING S-K# 52
STRETCH TO FIT
APPLY A MULTI-PURPOSE GREASE
1/4-20 SELF-LOCKING NUT S-K# 5232 (SEE NOTE 1)
1/4-20 x 3/4" MACHINE BOLT (MOUNT THROUGH LID) SHT. 4 S-K# 5296 (SEE NOTE 1)
COTTER PIN
HEAT DEFLECTOR SHT. 4 S-K# 5257
LID BRACE - SHT. 4 (2 REQ'D) SEE NOTE 1 S-K# 5223
S-K# 5226 REMOVEABLE SCREEN (2 REQ'D) SEE NOTE 1 SHT. 3
HINGE ROD - SHT. 3 S-K# 5224
WELDED SEAMS (14 GAUGE STEEL)
CORNER FILTER - SHT. 2 S-K# 5225 (OBSOLETE) ORDER NEW S-K# 5226 WITH PERFORATED HOLES
COUPLING FOR FLOAT SWITCH (IF REQUIRED)
OUTLET TO USED MINERAL SPIRITS TANK
S-K# 5227 DUMPSTER BODY - SHT. 1 & 2
375 GALLONS (TOTAL VOLUME)
LEFT
RIGHT
NOTES:
1) PART NO.'S 5223, 5226, 5229, 5232 AND 5296 REPRESENT ONLY ONE PIECE EACH. ORDER PROPER QUANTITIES TO REPLACE PIECES WHICH ARE SEVERELY DAMAGED OR MISSING.
2) THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.
SHT 1 OF 6 D10359
SHT 2 OF 6 D10352
SHT 3 OF 6 D10353
SHT 4 OF 6 D10354
SHT 5 OF 6 D10363
SHT 6 OF 6 D10450
ADDED 2 1/2" HALF COUPLING
ADDED SHT. 6 & 3
ADDED ASSY. # 5233 & DETAIL A
SERVICE CENTER CONSTRUCTION
D10450
safety-kleen corp.
DUMPSTER FINAL ASSY. DETAILS S-K# 5227
SHT. 6 OF 6
1 1/2" = 1'-0"
10-5-81
RD

PLATE A-6



— STANDARD INSTALLATION FOR PIPING OF ALL STORAGE TANKS —

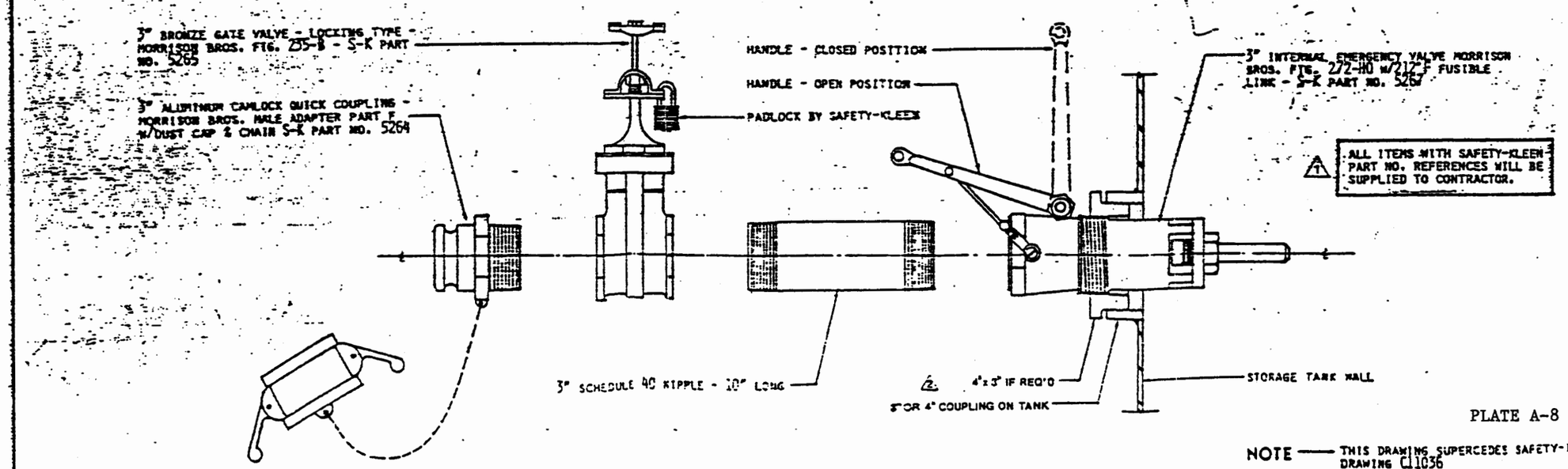


PLATE A-8

NOTE —— THIS DRAWING SUPERCEDES SAFETY-KLEEN DRAWING C11036

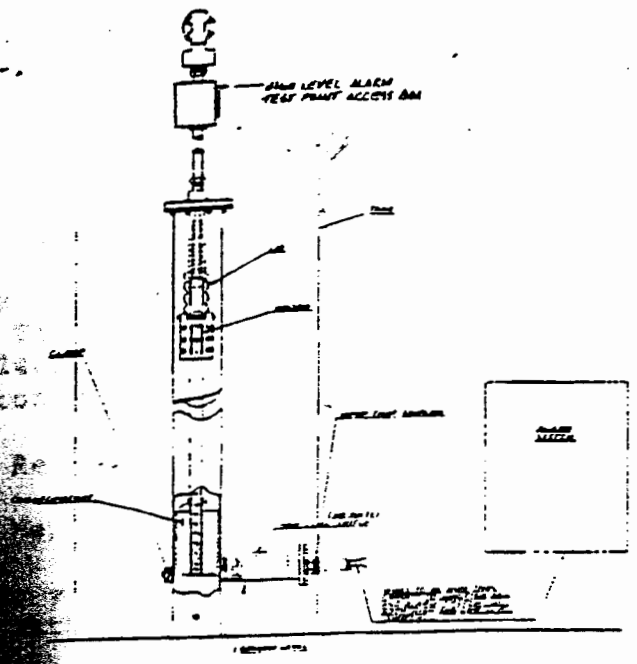
— ADDITIONAL INSTALLATION FOR PIPING OF NEW TANKS FOR STORAGE OF USED SOLVENT —
(FOR LOCATIONS PRONE TO FREEZING ONLY - SEE SAFETY KLEEN DRAWING D11124 ——)

REV	DESCRIPTION	BY	
2	ADDED CLARIFICATION	RD	3/24/86
1	ADDED NOTE	WJ	10/23/84

safety-kleen corp.

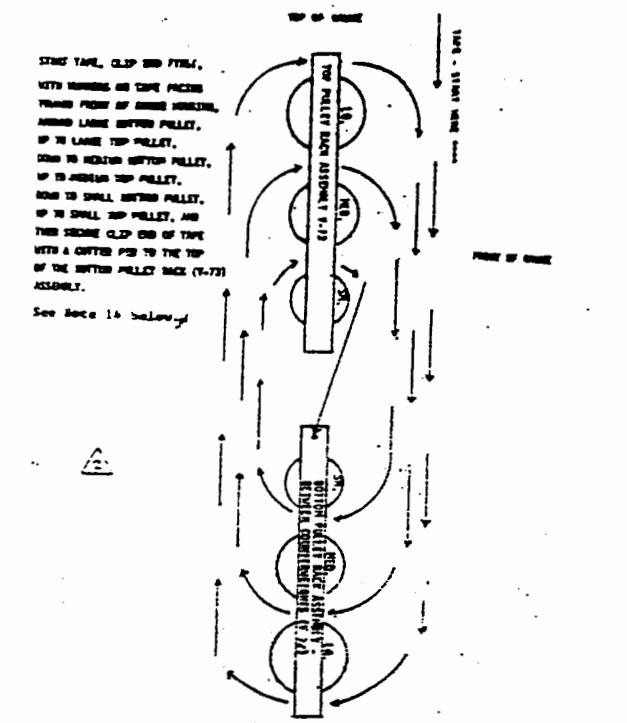
EMERGENCY & GATE VALVE INSTALLATION DETAILS —
FOR: SERVICE CENTER BRANCH CONSTRUCTION & OR IMPROVEMENTS

NO SCALE
WLJ 12-5-83
C11302



MODEL 7-S OR 9-S GAUGES

HIGH LEVEL ALARM INSTALLATION

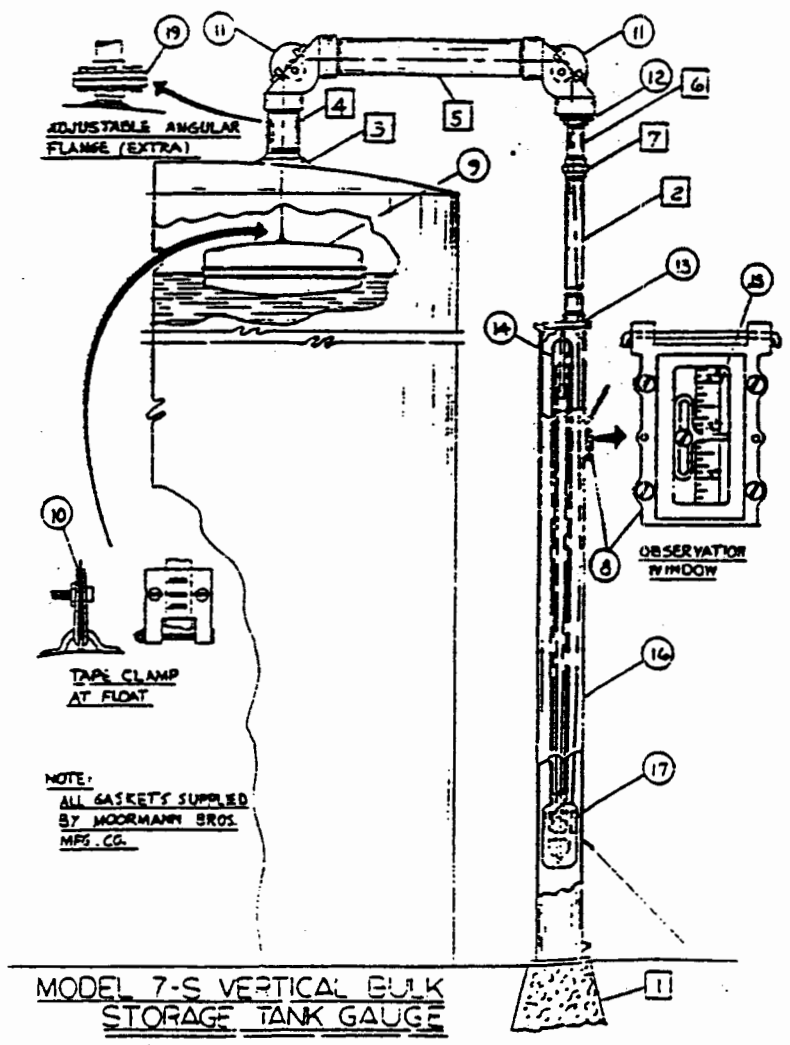


ENLARGED DETAIL SHOWING HOW TAPE IS WOUND ON PULLEY RACK ASSEMBLIES OF MOORMANN MODEL #7-S.
CUT OFF EXCESS TAPE AT FLOAT.

MATERIAL LIST
Model 7-S

All Vertical Tanks Up To & Including 25'

	PART No.	QUANTITY PER UNIT
	A-34–A-38	1
	V-73,	1
	V-93	1
	A-30, A-33	2
		1
& Bolts	V-71	1
	V-73	2
Tape	V-69	1
	V-77	1
	V-72	2
		1
Window	A-34, A-38	1
	V-81, V-82	1
	V-83	2
	V-84	1
	V-86	1
	V-94	1
	V-96	3



MODEL 7-S VERTICAL BULK STORAGE TANK GAUGE

INSTALLATION INSTRUCTIONS - MODEL 7-S

1. Locate gauge pedestal on ground – mark top edge of tank directly above ground location.
2. Measure, cut and thread 2" pipe to marked on print.
3. Use pipe dope on all connections.
4. Assemble tank A-30 elbows and 2" pipe as shown on print.
5. Screw (2) elbow A-30 onto 2" pipe with reducing bushing, close nipple and union as shown on print; other A-30 elbow onto 2" nipple in tank then screw other end of 2" pipe into tank elbow, make straight with tank standing.
6. Level 2" pipe, use temporary wood brace or alignment flange, if necessary.
7. Set gauge housing with magnetic cap assembled on ground directly below overhanging elbow.
8. Measure for 1" pipe including bushing in elbow to magnetic cap V-71 on gauge housing; allow for threads, cut and thread 1" pipe.
9. Screw 1" pipe into elbow, then remove V-71 magnetic cap from housing and put on 1" pipe. CAUTION – Be sure magnetic cap is straight and 1" nipple is tightened away from tank.
10. Fasten pulley rack with large pulley up to magnetic cap using stainless steel pins.
11. Assemble other pulley rack in counterweight with large pulley down.
12. Place counterweight on ground directly beneath magnetic cap pulley rack.
13. Remove A-33 cross from both elbows.
14. Thread tape from tank; elbow with numbers up and slits ends first through 2" pipe and over elbow pulleys down through 1" pipe and out magnetic cap, straight down and around bottom pulley in C/W and up and over top pulley in magnetic cap, down to medium pulley up and over medium pulley, down and around small pulley on C/W and up and around small pulley on magnetic cap, down and fasten to leg on counterweight pulley rack—use stainless steel pin. CAUTION—Do not thread tape over or around cross bars in pulley rack. Use electrician's tape to hold or bend tape.
15. Fasten tape to float with tape clamp (as per print) CAUTION – Do not fasten tape clamp too tight as this may damage tape.
16. Place magnetic cap gasket on housing top and insert counterweight assembly into housing. CAUTION – Do not allow C/W to drop or rest as this may cause damage to bearings, also be sure the tape is in groove or washers and not on the edge.
17. Fasten housing to magnetic cap with observation window directly below 1" pipe.
18. Place outside strand of tape over tape guide in observation window. CAUTION – Do not bend or twist tape, and pass ONLY ONE (1) strand of tape over the tape guide.
19. If tank is empty adjust tape reading at 1-3/8" (float drops) if it is partially full set reading exactly with stick, make minor tape reading adjustments with the float by slipping tape through tape clamp. Minor adjustments (within 1" make with observation frame).
20. In setting the reading on the gauge, ¼", ½" or even 1/8" is not close enough, be particular, set gauge to the exact amount of liquid in tank.
21. CAUTION – Let float down in tank easily. Do not let it drop.
22. Assemble observation frame and lid A-34–A-38 piece on housing, tighten for vapor-proofing.
23. Fix base for housing either, concrete, wood post, or steel plate welded to tank, CAUTION – Do not weld gauge housing to tank.
24. In most climates, condensation forms inside the tank and gauge. A drain plug has been provided for draining at the bottom of housing. In most climates this is necessary 2 times a year (spring & fall). However, in extreme cases draining is required more often.

GENERAL NOTES

1. TANK GAUGE ASSEMBLY SUPPLIED BY SAFETY-KLEEN CORP.
2. SEE INDIVIDUAL SERVICE CENTER SITE PLANS FOR LOCATION OF THE INSTALLATION.
3. GAUGE MUST BE ORDERED WITH THE PERFORATED TAPE FOR FUTURE REMOTE READ-OUT SYSTEM.
4. HIGH/LOW LEVEL ALARM SWITCH INFORMATION, MATERIAL LIST & INSTALLATION INSTRUCTIONS INCORPORATED ONTO DRAWING.
5. IF REQUIRED, ADDITIONAL VERBAL INSTALLATION INSTRUCTIONS CAN BE OBTAINED BY CALLING MOORMAN BROS. MFG. CO., RUSHVILLE, INDIANA - (317) 932-3590 - ASK FOR: BOB GAINES OR JIM RAVENCRAFT

PLATE A-9

REV.	DESCRIPTION	BY	DATE
	ADDED SAFETY-KLEEN PART #'S		12-5-88
	ADDED ADDITIONAL HIGH LEVEL ALARM INFO.		
	ADDED TAPE WINDING INFO ABOVE	WLJ	10-2-90
	ADDED NOTE 5	WLJ	11-19-90

safety-kleen corp.

MOORMANN BROS. TANK GAUGE INSTALLATION

SCALE: NONE
DATE: 10-2-90

Southwest Industrial Contractors Inc.

121 Exposition St
Denton, TX 76205
(817) 566-1899

July 31, 1989

Wendell Vines
Tera Testing
POB 740038
Houston, Texas 77274

Re: Coating of Dike areas and pipe information

Dear Wendell:

As per your request regarding coating of dike areas, and pipe information:

1. Dike is abrasive blasted with medium to heavy grade silica sand; grade used depends upon existing coating.

2. If concrete has any significant honeycombed areas, they are troweled out and filled with Carboline 163-2 epoxy filler.

3. Any cracks in concrete are ground out 1/4" deep, beveled on 45 degree angle and filled with Sika Flex 1-A filler caulk.

4. A coating of Dupont 25-P epoxy shale gray is applied at approximately 5 mills D.F.T.

5. After sufficient drying time, a top coat of Dupont Imron shale gray is applied at approximately 2 mills D.F.T.

6. Any pipe or pipe fittings used are A-105 carbon steel.

7. Welding electrodes used are E-6010 and E-7018 Lincoln.

If you should have any additional questions, please do not hesitate to contact me.

Sincerely,

Willie Sellers

APPENDIX B

Design Review

APPENDIX B

Design Review

Title	Page No.
Containment Capacity Calculations	B- 1
Foundation Calculations	B- 3
Containment Wall Calculations	B- 4
Tank Venting Calculations	B- 5
Earthquake Calculations	B- 6
Wind Load Calculations	B- 7
Piping System Review	B- 8
NFPA-30 Compliance Checklist - Tank	B-13
NFPA-30 Compliance Checklist - Piping	B-15

SUBJECT: SAFETY - KLEEN CORP. FARMINGTON BRANCH
BY: J.W.C. DATE: 7/7/90
TERA, inc.
JOB NO.: 90-150
FILE:
SHEET: 1 OF: 2

TANK CONTAINMENT CAPACITY REF. PLATES A-3 & D-2

GROSS VOL. = (38'-2 - 1'-4)(23'-4 - 1'-4)(3'-0) = 2,431 ft^3

(1) VOL. CLEAN SOLVENT TO TOP OF WALL
$\frac{\pi}{4}(12'-0)^2(3'-0-6'') = 283\ ft^3$

(2) VOL. 2 TANK SKIDS (REF D13146)
$(2)(12)(\frac{3}{12} \times \frac{6}{12})(12) = 36\ ft^3$

(3) VOL. PIPES, VALVES, PUMP, MISC.
ASSUME 2% GROSS VOL. = 48 ft^3

TOTAL (1), (2) & (3) = 367 ft^3

MAX. VOL. USED SOLVENT = (12,000)/(7.481) = 1,604 ft^3

VOL. AVAIL. FOR RAINFALL = 2,431 − (1,604 + 367) = 460 ft^3

MAX. RAINFALL ACCOMMODATED = (460)(12)/(36.83)(22.0) = 6.8"

WEATHER BUREAU EST. OF 25YR/24HR RAIN: 2½"-3"

∴ TANK CONTAINMENT VOLUME IS ADEQUATE

SUBJECT: SAFETY-KLEEN CORP. FARMINGTON BRANCH
BY: JWC DATE: 7/7/90
TERA, inc.
JOB NO.: 90-150
FILE:
SHEET: 2 OF: 2

DUMPSTER CONTAINMENT CAPACITY REF. PLATES A-3 & D-3

GROSS VOL. = (17'-6 - 1'-4)(11'-10 - 1'-4)(7/12) = 99 ft^3

(1) DUMPSTER SITS HIGHER THAN CURB ON 3 CMU'S.

VOL. 3 CMU'S TO CURB HEIGHT = (8-1)(8)(16)(3)/1728
= 2 ft^2

(2) VOL. PUMP, PIPES, GRATING SUPPORTS, MISC.

ASSUME 2% GROSS = 2 ft^2

TOTAL (1) + (2) = 4 ft^3

VOL. FOR CONTAINMENT OF USED SOLVENT = 95 ft^3

VOL. DUMPSTER = 375 gal, 50 ft^3 (SEE PLATE A-6)

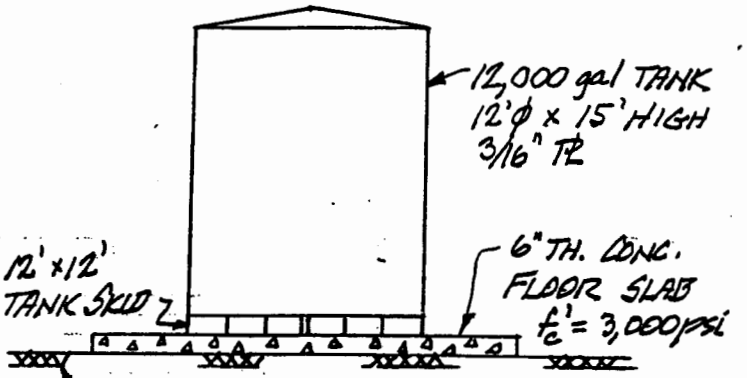
∴ DUMPSTER CONTAINMENT VOLUME IS ADEQUATE
NO RAINFALL ALLOWANCE REQ'D.

NOTE: THIS ANALYSIS DOES NOT CONSIDER VOLUME OF THE SUMP WHICH ADDS $\pi/4(2)^2(2) \cong 6$ ft^3 OF CONTAINMENT CAPACITY

SUBJECT: SAFETY-KLEEN CORP. FARMINGTON BRANCH
BY: J.W.C. DATE: 7/7/90
TERA, inc.
JOB NO.: 90-150
FILE:
SHEET: 1 OF: 2

CHECK CONTAINMENT FLOOR SLAB AS TANK FOUNDATION

ASSUME: 6" SLAB BASED ON SECTION C-1, DWG. D11322.
SKID DETAILS BASED ON DWG. D13146



COMPACTED SUBBASE (AGGREGATE) OVER COMPACTED SUBGRADE
DESIGN MODULUS, k = 100 pci

DISTRIBUTED LOAD UNDER TANK:

$$\text{TANK WT.} = (12\pi)(15)\left(\frac{.188}{12}\right)(490) + \frac{\pi}{4}(12)^2\left(\frac{.188+.250}{12}\right)(490) + 5\% \text{ FOR FITTINGS} = 6{,}680^{\#}$$

$$\text{CONTENTS WT.} = (12{,}000/7.481)(62.4 \times .8) = \underline{80{,}080^{\#}}$$

$$\text{TOTAL WT.} = 86{,}760^{\#}$$

DISTR. LOAD UNDER SKID

$$= 86{,}760/(12)^2 = 603 \text{ psf} < w \quad \underline{\text{O.K.}}$$

ANALYSIS REF.:

PORTLAND CEMENT ASSN. REPORT NO. IS145.01D, "SLAB THICKNESS DESIGN FOR INDUSTRIAL FLOORS ON GRADE", 1976

USE PROCEDURE ON PAGE 13 FOR VARIABLE STORAGE LAYOUT.

$$w = 0.123 f_t \sqrt{hk}$$

WHERE w = ALLO. LOAD, psf
f_t = WORKING STRESS, psi
h = SLAB TH., in.
k = SUBGRADE MOD., pci

TAKE f_t = MOD. OF RUPTURE ÷ 1.5

$$MR = 9\sqrt{f'_c} \text{ (PAGE 2, REF.)} = 9\sqrt{3{,}000} = 493 \text{ psi}$$

$$f_t = 493/1.5 = 330 \text{ psi}$$

$$w = .123(330)(6 \times 100)^{1/2} = 994 \text{ psf NO WIND}$$

$$= (4/3)(994) = 1{,}325 \text{ psf WIND}$$

MODEL IS CONSERVATIVE:

1. STRENGTH ADDED BY PERIMETER FOOTING IS NOT INCLUDED.
2. SLAB REINF. IS MORE THAN TEMP. STEEL.

SUBJECT: SAFETY-KLEEN CORP. FARMINGTON BRANCH
BY: J.W.G. DATE: 1/8/90
TERA, inc.
JOB NO.: 90-150
FILE:
SHEET: 2 OF: 2

CHECK SOIL PRESSURE UNDER CONTAINMENT SLAB

REF.: "SUBGRADES AND SUBBASES FOR CONCRETE PAVEMENT", PUBLICATION NO. IS029.02P, 1986, PORTLAND CEMENT ASSOCIATION

THE REF. SHOWS THAT FOR THE COMPACT CONFIGURATION OF TANKS AND CONTAINMENT VAULT SOIL PRESSURE WITH MAX. TANK LOADS IS NEARLY UNIFORM.

(1) WT. 2 TANKS & CONTENTS

$2 \times 86{,}760 = 173{,}520^{\#}$ (SEE PAGE B-3A)

(2) WT. CONTAINMENT SLAB

$(38'-2)(23'-4)(8''/12)(150^{\#}/ft^3) = 89{,}050^{\#}$

USE 8" SLAB TO ALLOW FOR WT. OF PERIMETER FOOTING

(3) WT. CONTAINMENT WALLS

UNIT WT. OF CMU'S $= \dfrac{38^{\#}/CMU}{\frac{(8 \times 8 \times 16)}{1728} ft^3/CMU} = 64^{\#}/ft^3$

$(2)(38'-2 + 23'-4)(8''/12)(3'-0)(64) = 15{,}750^{\#}$

TOTAL (1) + (2) + (3) = $278{,}320^{\#}$

SOIL PRESSURE UNDER SLAB $\cong (278{,}320)/(38.167 \times 23.33)$

$\cong$ 313 psf O.K.

SUBJECT: SAFETY-KLEEN CORP. FARMINGTON BRANCH
BY: J.W.C. DATE: 7/7/90

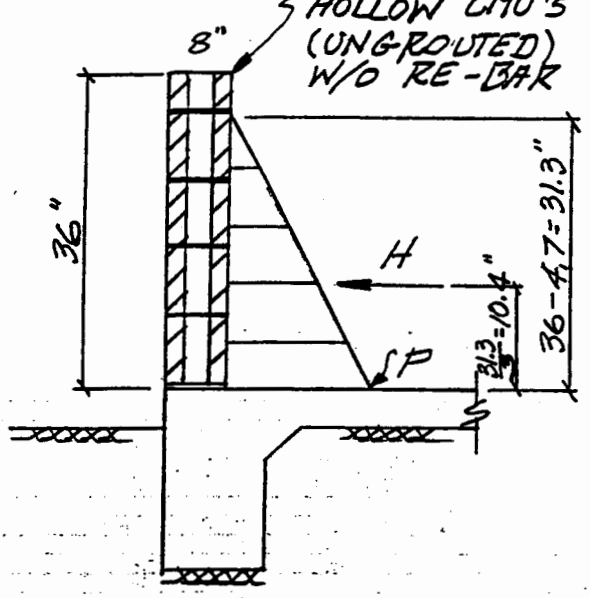
TERA, inc.

JOB NO.: 90-150
FILE:
SHEET: 1 OF: 1

CHECK CONTAINMENT WALL FOR HYDROSTATIC LOADING

NO CONSTR. DETAILS AVAIL., CROSS SECT. ASSUMED FROM INSPCTN.

ASSUME:
HOLLOW CMU'S (UNGROUTED) W/O RE-BAR



HT. OF 12,000 GAL OF TANK CONTENTS PLUS 25 YR/24 HR RAIN $= \frac{(6.8-2.8)(36.87\times22)}{(36.87\times22-\frac{\pi}{4}12^2)}$

$= 4.7"$

$p = (62.4\times.8)(31.3/12) = 130$ psf

$H = (1/2)(p)(\frac{31.3}{12}) = 170$ #/ft WALL

$OTM = (10.4/12)(170) = 147$ '#/ft WALL

TENSION STRESS ON MORTAR @ BOTTOM OF BOTTOM COURSE (NEGLECTING RE-BAR IN WALL)

$= \frac{OTM}{S} = \frac{(147\times12)}{(12\times8^2/6)} = \underline{14 \text{ psi}}$

COMPARE WITH VALUES FROM TABLE 6.3.1.1, "BLDG. CODE REQMTS. FOR MASONRY STRUCTURES", ACI-ASCE 530-88, P. 24.

CONSIDER HOLLOW CONCRETE MASONRY UNITS. ALLOWABLE FLEXURAL TENSION RANGES FROM 9 psi TO 25 psi, DEPENDING ON TYPE OF MORTAR. SINCE COMPUTED TENSION STRESS IS WITHIN THIS RANGE, AND ASSUMING TABULATED ALLOWABLES ARE BASED ON LOWER LIMITS OF TEST SCATTER, THE WALL SECTION ABOVE IS CONSIDERED SATISFACTORY

SUBJECT: SAFETY-KLEEN CORP.
FARMINGTON BRANCH
: J.W.C. DATE: 7/7/90

TERA, inc.

JOB NO.: 90-150
FILE:
SHEET: 1 OF: 6

TANK VENTING CALCULATIONS

EMERGENCY ONLY.

NORMAL VENTING BY MORRISON BROS. NO. 548 2"ϕ KNOWN TO BE SATISFACTORY BY PROVEN PERFORMANCE ON 12,000 GAL S-K TANKS.

FROM TABLE 2 OF API 2000:

WETTED AREA = $\pi(12)(15) = 565\ ft^2$

EMERG'Y. VENT'G. REQ'D. = 354,000 + (.65)(38,000)
= 378,700 SCFH

EMERGENCY VENTING AVAILABLE:

FROM NORMAL VENT (SEE PAGE B-5C) 20,200 SCFM

FROM SENTINEL S-22 HATCH/VENT (SEE PAGES B-5D,E) 367,000

TOTAL = 387,200 SCFM

> 378,700 REQ'D.

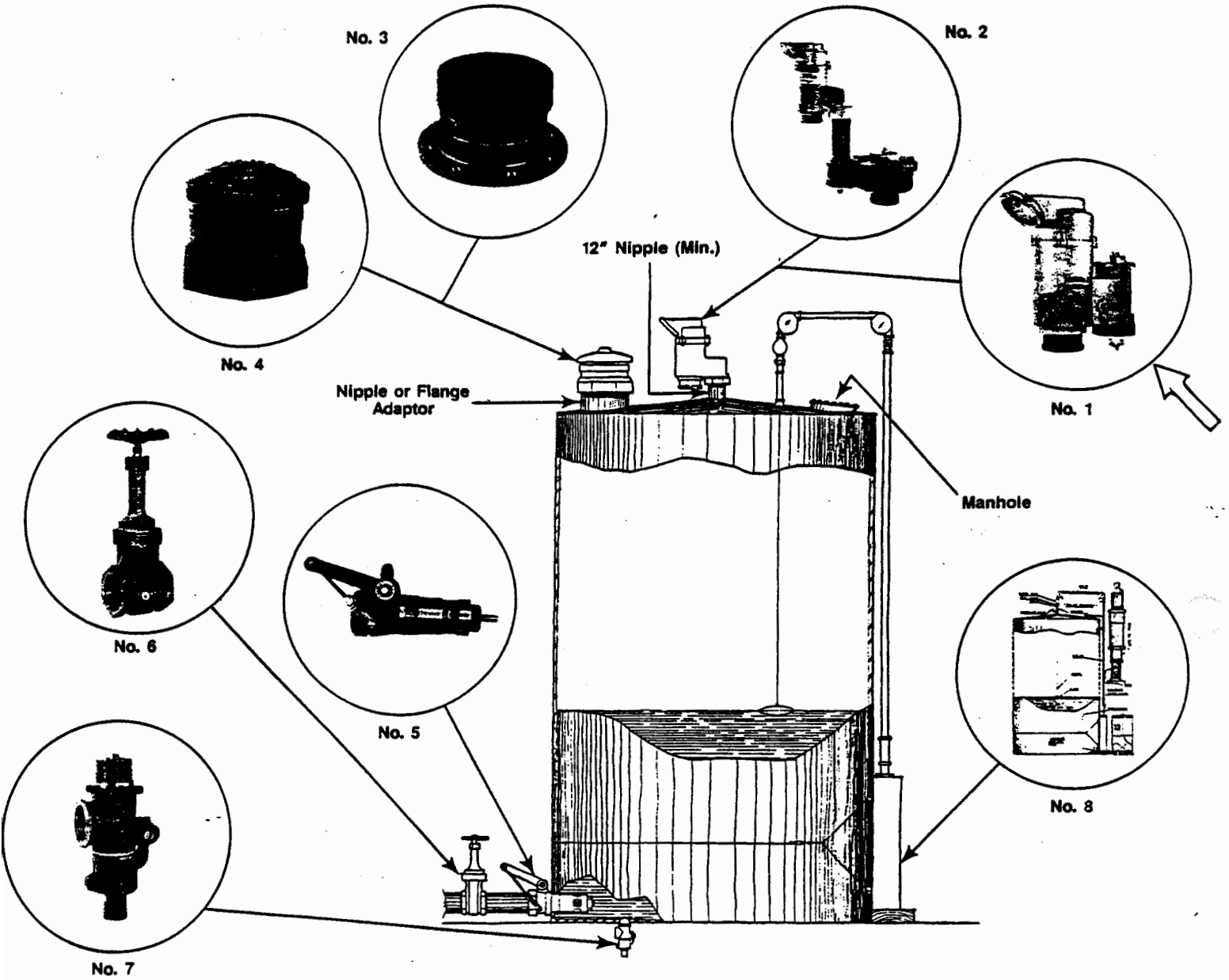
O.K.

MAX. TANK PRESS. = 26 oz/in² FOR EMERGENCY VENTING
≅ 24 oz/in² (1½ psig) TEST PRESSURE
O.K.

MORRISON BROS CO.

DUBUQUE, IOWA

BULK STORAGE TANK EQUIPMENT



No. 1 — Fig. 548 or 548A — Pressure-Vacuum Vent
No. 2 — Fig. 748A — Pressure-Vacuum Vent with Flame Arrester
No. 3 — Fig. 244F — 8" or 10" - Flanged Emergency Vent
No. 4 — Fig. 244 — 4", 6", or 8" Threaded - Emergency Vent
No. 5 — Fig. 272HO — Internal Emergency Valve
No. 6 — Fig. 535 — Gate Valve
No. 7 — Fig. 128 — 1" - Frost Proof Drain Valve
No. 8 — Fig. 618 — 31', 40', or 50' - Tank Gauge

MORRISON BROS. CO.
P.O. Box 238
Dubuque, Iowa 52001

MEMBER PEI PETROLEUM EQUIPMENT INSTITUTE

Distributed by:

Vent Capacity at 2.5 PSI Standard Air (Except Fig. 749)

SIZE	FIG NO	DESCRIPTION	PRES oz/sq in	CAPACITY CFH	DATA SOURCE
2"	148ALT	Pressure Vacuum Vent	8	14,200	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	148ALT	Pressure Vacuum Vent	16	10,500	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	351S	Flame Arrester		22,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
2"	351S/548-748	Flame Arrester/Vent	2	19,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	4	19,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	6	18,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	8	18,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	12	17,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	16	17,000	Approx. Calculated C.F.H.
2"	354	Updraft Vent		27,650	Tested at Univ Wisconsin Plattville by L. Lee, 1988
2"	548 - 748	Pressure Vacuum Vent	2	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548 - 748	Pressure Vacuum Vent	4	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548 - 748	Pressure Vacuum Vent	6	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548 - 748	Pressure Vacuum Vent	8	20,200	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	548 - 748	Pressure Vacuum Vent	12	18,600	Approx. Calculated C.F.H.
2"	548 - 748	Pressure Vacuum Vent	16	18,000	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	749	Pressure Vacuum Vent	8	6,200	Tested at Univ Wisconsin Plattville by L. Lee, 1988
2"	749	Pressure Vacuum Vent	12	7,500	Tested at Univ Wisconsin Plattville by L. Lee, 1988
3"	355	Vapor Diffusing Vent		60,000	Tested at Iowa State Univ by P. Kavanagh, 1960
3"	548	Pressure Vacuum Vent	2	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	4	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	6	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	8	38,800	Tested at Iowa State Univ by P. Kavanagh, 1960
3"	548	Pressure Vacuum Vent	12	37,000	Approx. Calculated C.F.H.
3"	548	Pressure Vacuum Vent	16	36,000	Approx. Calculated C.F.H.
4"	244	Emergency Vent	8	74,700	Approx. Calculated C.F.H.
6"	143	Pressure Vacuum Vent	8	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	143	Pressure Vacuum Vent	10	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	143	Pressure Vacuum Vent	16	194,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
6"	244	Emergency Vent	8	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	244	Emergency Vent	10	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	244	Emergency Vent	16	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
8"	143	Pressure Vacuum Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143	Pressure Vacuum Vent	16	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143A	Fldg Pressure Vacuum Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143A	Fldg Pressure Vacuum Vent	16	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244	Emergency Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244	Emergency Vent	16	465,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
8"	244F	Flgd Emergency Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244F	Flgd Emergency Vent	16	465,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
10"	143A	Fldg Pressure Vacuum Vent	3	906,000	Based on OSU Test of 10" 244F - 2.5 oz by Buxton, 1967
10"	143A	Fldg Pressure Vacuum Vent	8	576,000	Approx. Calculated C.F.H.
10"	143A	Fldg Pressure Vacuum Vent	16	546,000	Based on OSU Test of 10" 244F - 16 oz by Buxton, 1967
10"	244F	Flgd Emergency Vent	3	906,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
10"	244F	Flgd Emergency Vent	8	576,000	Approx. Calculated C.F.H.
10"	244F	Flgd Emergency Vent	16	546,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967

Source for Chart: Morrison Bros Co 1989

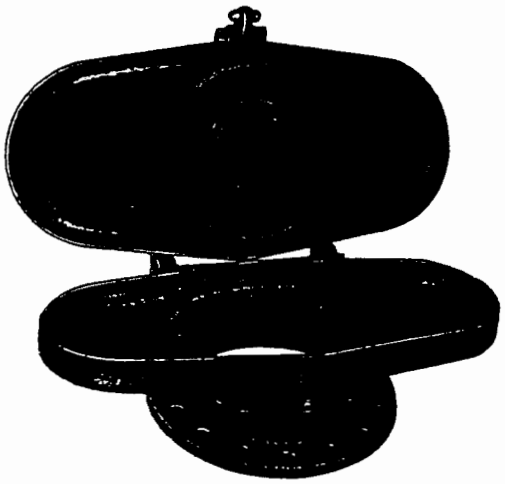
MODEL S-10

Pressure from 2 oz. to 16 oz. Shipping weight 17 lbs.
Vacuum .4 oz.

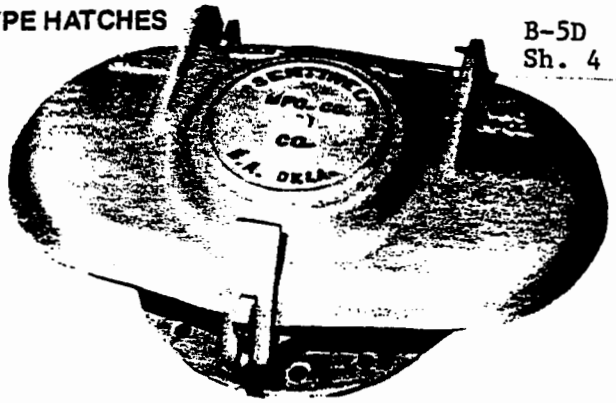
Model S-10 is desired by many operators where "duck nests" are provided on the tank decks. This valve is the same as the model S-22 and functions identically.

1 Base
2 Drain pan w/5 bolts
3 Lid (cover)
*4 Pressure valve casting
*5 Vacuum disc
*6 Back up plate
*7 Pressure gasket
*8 Vacuum gasket
*9 Screw (2 req'd)
*10 Washer
*11 Valve guide pin
12 Pressure spring
*13 Vacuum spring (4 oz.)
14 Name plate w/screw
15 Hinge pin
16 Hair pin cotter
*17 Hook
*18 Handle
*19 Roll pin (short)
20 Latch hinge pin (long)
*21 Pressure vacuum valve ass'y less spring (Parts No. 4, 5, 6, 8, 9, 10, 11, 13)
*22 Latch unit (Parts No. 17, 18, 19)

Standard API Bolting Circle



MODEL S-22



MODEL S-18
(Available for sour services)

All aluminum spring type hatch
8" round opening w/oblong drain pan
Base & pan — one piece construction (low maintenance)
Bolting pattern, standard A.P.I. (sixteen holes on 10⅜" bolt circle)
4/10 oz. vacuum
2, 4, 6, 8, 10 or 16 oz. pressure
Lock type latch

PARTS

1 Base (aluminum)
2 Lid (aluminum)
3 Pressure valve casting
4 Vacuum disc (aluminum)
5 Back-up plate (aluminum)
6 Valve guide stem (aluminum)
7 Vacuum spring
8 Vacuum gasket
9 Screws (2) Regular (Plated or Stainless)
10 Pressure gasket (P.V.C. sponge)
11 Pressure spring Available in stainless steel on incanal

MODEL S-22

Pressure from 2 oz. to 16 oz. **Shipping weight 20 lbs.**
Vacuum .4 oz.
(Greater pressure on request only)

Model S-22 has circular base with full 8" opening, A.P.I standard bolt circle and hillside flange. All other parts are non-ferrous metal, light in weight, yet rugged in construction. All Gaskets are of neoprene and springs are plated to insure against corrosion from gases or acids. Cross section on opposite page is self explanatory.

SIX POINTS OF DISTINCTION IN SENTINEL HATCHES

HIGH GRADE NON-FERROUS ALLOYS — No pot metal. No spark producing steel.

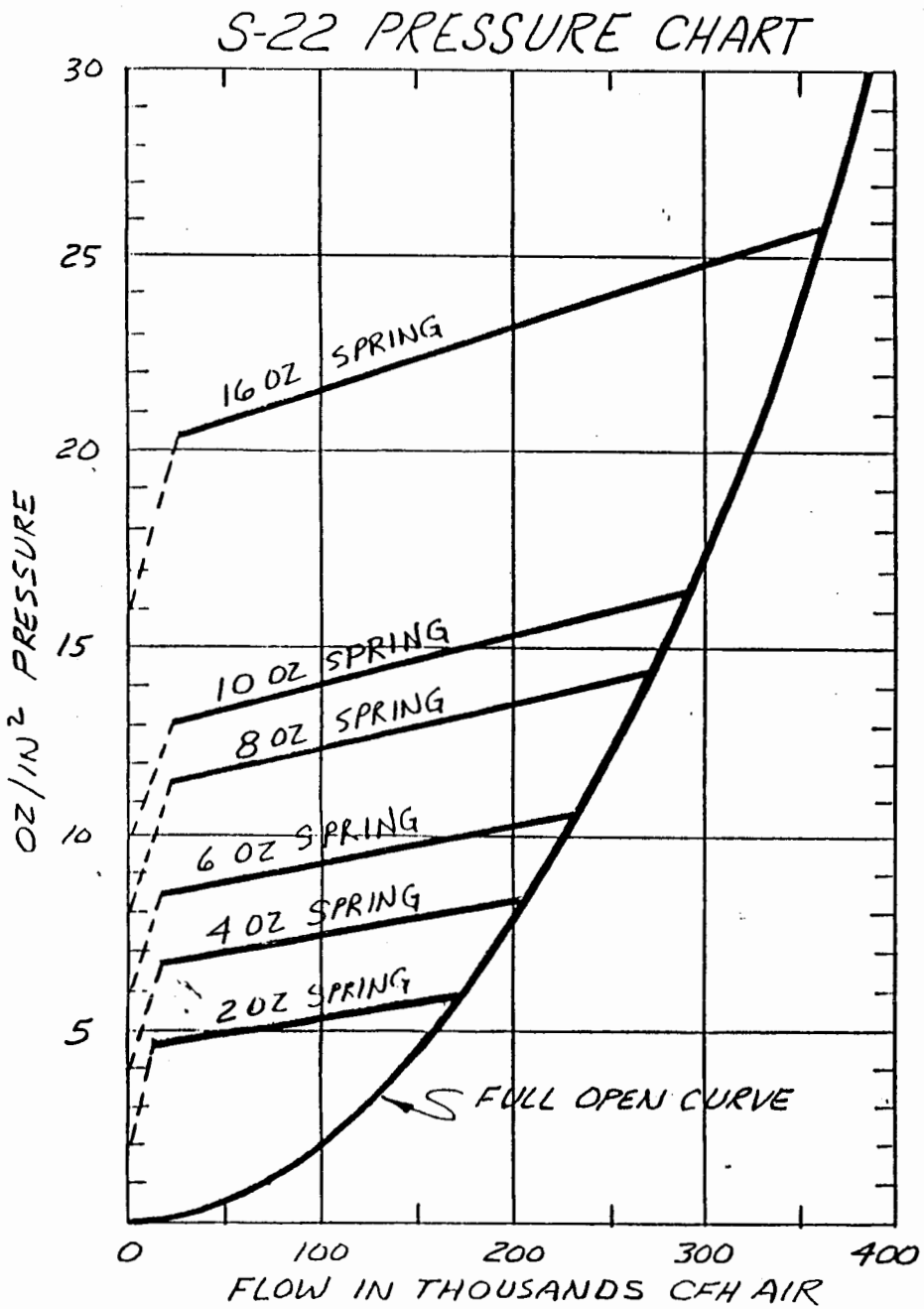
BREAKAGE REDUCED TO A MINIMUM — but little to wear out.

HINGE LUGS STURDY AND STRONG — moulded for endurance.

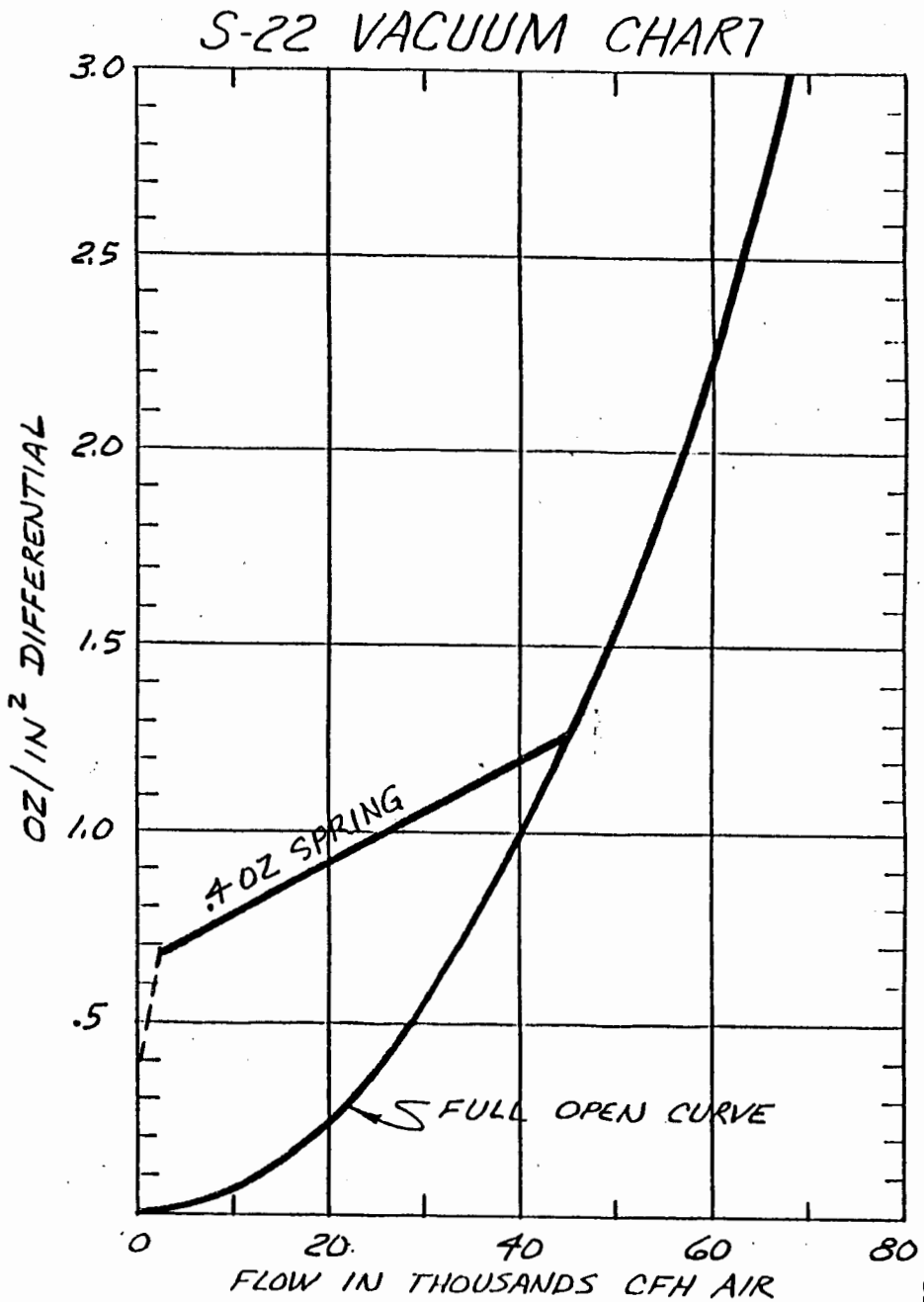
LATCH AND BLEEDER ARE tenzaloy.

GASKETS SECURELY HELD IN PLACE — no pulling out, no distortion, yet easily replaced.

GASKETS STAMPED FROM STANDARD SHEET STOCK — no moulded gaskets to become obsolete and impossible to replace.



S-22 HATCH PRESSURE FLOW CHART
SENTINEL MFG



S-22 HATCH VACUUM FLOW CHART
SENTINEL MFG

NOTE: CFH @ 60°F & 14.7 PSIA

GBC 11-15-89

S-22 HATCHES

PRESSURE RELIEF FLOW

SPRING SETTING OZ.	FULL OPEN PRESSURE OZ./IN^2	FLOW RATE CFH*@ FULL OPEN
2	6.0	175,000
4	8.5	210,000
6	10.7	236,000
8	14.5	275,000
10	16.6	293,000
16	26.0 = $1\frac{5}{8}$ psig ≅ $1\frac{1}{2}$ psig Test Pressure	367,000 ⇦

VACUUM RELIEF FLOW

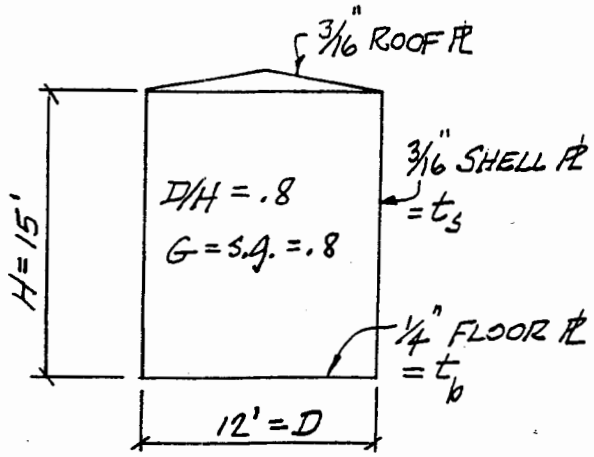
SPRING SETTING OZ.	FULL OPEN VACUUM OZ./IN^2	FLOW RATE CFH*@ FULL OPEN
.4	1.3	46,000

*CFH AT 60° F & 14.7 PSIA

SUBJECT: SAFETY-KLEEN CORP. FARMINGTON BRANCH
BY: J.W.G. DATE: 7/7/90
TERA, inc.
JOB NO.: 90-150
FILE:
SHEET: 1 OF: 1

CHECK ZONE 2 EQ RESPONSE OF TANK

REF.: 1. PLATES D-1 & D-4, TANK DETAILS
2. API 650, APPENDIX E, SEISMIC DESIGN



$X_1/H = .42$ @ $D/H = .8$

$X_1 = 6.3'$

$X_2/H = .75$ @ $D/H = .8$

$X_2 = 11.3'$

$X_s = \frac{1}{2}H = 7.5'$

$X_r = H = 15.0'$

OVERTURNING MOMENT (§E.3.1)

$M = ZI(C_1 W_s X_s + C_1 W_r X_r + C_1 W_1 X_1 + C_2 W_2 X_2)$

$Z = .375$ (ZONE 2, TABLE E-1)

$I = 1.0$

$C_1 = .24$ $\quad T = kD^{1/2}$ $\quad k = .6$ @ $D/H = .8$

$= (.8)(12)^{1/2}$

$= 2.77$ sec

$C_2 = \frac{.35}{T} = .16$ $\quad S = 1.5$, SOIL UNKNOWN

$W_s = \pi(12)(.188/12)(15)(490)(1.05) = 4{,}560^{\#}$

$W_r = \frac{\pi}{4}(12)^2(.188/12)(490)(1.05) = 910^{\#}$

FITTINGS FACTOR

$W_T = \frac{\pi}{4}(12)^2(15)(62.4 \times .8) = 84{,}700^{\#}$

$W_1/W_T = .85$ @ $D/H = .8$; $W_1 = 72{,}000^{\#}$

$W_2/W_T = .20$ @ $D/H = .8$; $W_2 = 16{,}900^{\#}$

$M = (.375)(1.0)[.24(7.5)(4{,}560) + .24(15.0)(910) + .24(6.3)(84{,}700) + .16(11.3)(16{,}900)]$

$= \underline{64'^k}$

RESISTANCE TO OVERTURNING (§E.4)

$w_L = 7.9 t_b \sqrt{F_{by} GH} = 1{,}185$ #/ft CIRCUM.

$1.25 GHD = 180$ #/ft CIRCUM. USE

$w_t = (4{,}560 + 910)/\pi(12)$

$= 145$ #/ft CIRCUM

$M/[D^2(w_t + w_L)] = 1.37 < 1.57$

∴ TANK IS STABLE W/O ANCHORAGE

$\frac{b + w_L}{w_t + w_L} = 4.5$ (FIG. E-5)

$b = 1{,}640$ #/ft CIRCUM.

$b/12t_s = 730$ psi SHELL COMP., O.K.

SUBJECT: SAFETY-KLEEN CORPORATION
Farmington Branch

TERA, inc.

JOB NO.: 90-150
FILE:
BY: J.W.C. DATE: 7/8/90
SHEET: 1 OF: 1

Wind Response of 12,000 gal Used Solvent Storage Tank

Ref.: 1. ANSI A58.1 - 1982, Min. Design Loads for Bldg's. and Other Structures

h = 15'-0

D = 12'-0

h/D = 1.25

From Table 4, Ref. 3: $F = q_z G_h C_f A_f$

$q_z = .00256K_z(IV)^2$

$= .00256(.80)(.95 \times 70)^2$

$= 9.1$ psf

	z	K_z	z/h	
K_z	0-15'	0.80	x 1.00	= .80
Table 6 Exp. C	15-20'	0.87	x	=
	20-25'	0.93	x	=
	25-30'	0.98	x	=
			Wtd. avg K_z	= .80

$A_f \simeq D \times h = 180$ ft^2

$F = q_z G_h C_f A_f$

F = 1,557 lbs

I = .95 (Cat. IV, empty)

V = 70 mph (Fig. 1) @ Farmington

	z	G_h	z/h	
G_h	0-15'	1.32	x 1.00	= 1.32
Table 8 Exp. C	15-20'	1.29	x	=
	20-25'	1.27	x	=
	25-30'	1.26	x	=
			Wtd. avg. G_h	= 1.32

Wind Overturning Moment

Mw = F x h/2

= 11.7 ft-k

C_f = Rough .7 + (.1 x h/(6D)) = .72

(See Table 12)

Righting moment of weight of empty tank about a heel point on the bottom

Tank wt. = 6.7 K (See Page B-3A)

Mr = (wt.)(D/2) = 40'K > Mw

F.S. = Mr/Mw = 3.44 against overturning

∴ Wind anchorage is not required

PIPING SYSTEM REVIEW

Safety-Kleen 105 Solvent (clean and used) is a Class II combustible liquid as defined by NFPA 30 "Flammable and Combustible Liquids Code". NFPA 30 is therefore an appropriate and applicable standard for the design of piping systems which handle those liquids.

NFPA 30 paragraph 3-2.1 generally requires that pipe, valve, fitting, and other pressure-containing components meet the material, pressure, and temperature limitations of ANSI B31.3 "Chemical Plant and Petroleum Refinery Piping" or ANSI B31.4 "Liquid Petroleum Transportation Piping Systems".

System Design Pressure and Temperature

The maximum clean solvent system operating pressure would occur downstream of the pump with the pump operating shut in with the solvent tank full. From ITT Marlow pump data the maximum differential head of the 20 EVP and 30 EV-A series pumps used by Safety-Kleen is less than 120 feet. Maximum suction head with the tank full will be less than 30 feet. Maximum clean solvent system operating pressure is therefore 150 ft or 55 psig (at .85 SG).

ITT Marlow pump data for the 1-1/2 HR49 series pumps used for the used solvent systems shows a maximum differential head at shut off of less than 60 feet. Maximum suction head is less than 5 feet for the used solvent system. Maximum used solvent system pressure is 65 feet or 24 psig (at .85 SG).

The system operates at ambient air temperatures. This falls under the ANSI materials specification temperature range of -20 to 200°F.

Pumps

The ITT Marlow pumps used by Safety-Kleen (usually models 20EVP-A and 1-1/2 HR49RC) are intended for use in these types of systems. The pumps appear to meet the pressure design requirements of the Hydraulic Institute Standards and ANSI B31.3-1984 (paragraph 304.7.2).

Pipe

NFPA 30 generally requires pipe to meet the material, pressure, and temperature specifications of ANSI B31.3 or B31.4. Carbon steel piping material specifications listed in B31.3 include ASTM A53, A106, A120, and A135. Many other carbon steel, alloy steel, stainless, and non-ferrous materials are also listed in B31.3. Non-listed materials may also be used after review of their suitability.

ANSI B31.3 limits the design pressure of systems using ASTM A53 Type F, A120, and some other carbon steel materials to 150 psig. This value exceeds the design pressure of the systems under review. The lowest allowable tensile stress specified in B31.3 for listed carbon steel pipe materials in the -20 to 200°F range is 9700 psi for ASTM A120. ANSI B31.3 paragraph 304.1.2 requires that pipe wall thickness satisfy $t=\frac{pD}{2SE}$; where t is minimum wall thickness, p is design pressure, D is pipe outside diameter, and SE is the allowable tensile stress.

Pipe Size	Schedule	Nominal Wall	Minimum Wall	t_{100} (A120)
3/4	80	.154	.135	.005
3/4	40	.113	.099	.005
1	80	.179	.157	.007
1	40	.133	.116	.007
1-1/4	80	.191	.167	.009
1-1/4	40	.140	.123	.009
1-1/2	80	.200	.175	.010

(Continued next page)

Pipe Size (Continued)	Schedule	Nominal Wall	Minimum Wall	t_{100} (A120)
1-1/2	40	.145	.127	.010
2	40	.154	.135	.012
2-1/2	40	.203	.178	.015
3	40	.216	.189	.018
4	40	.237	.207	.023

In the chart above "Minimum Wall" is the nominal pipe wall thickness less the 12.5 percent allowable manufacturing tolerance. In all cases Schedule 40 or 80 pipe exceeds the wall thickness required by B31.3 for a system design pressure of 100 psig, shown as t_{100} above for ASTM A120 pipe.

ANSI B31.3 paragraph 314.2.1 requires that the wall thickness of threaded pipe meet ANSI B36.10 specifications for Schedule 80 in sizes 1-1/2" and smaller and Schedule 40 for sizes 2" and larger.

The rubber hose used to connect the dumpsters to the used solvent pump suction piping is compatible with the material handles and suitable for the pressure level of the service. The hose joint system used is mechanical and does not rely on the resiliency or friction characteristics of the hose material.

Valves

Morrison Brothers rate the valve types used by Safety-Kleen at a normal pressure limit of 125 psi and a cold non-shock limit of 200 psi. This exceeds the system design and operating pressures. The Morrison Brothers valves appear to meet ANSI B31.3 design requirements for the service. Other 125 lb. or 150 lb. class valves meeting the ANSI, API, AWWA, OR MSS specifications listed in ANSI B31.3 would also be acceptable. Non-listed valves would be acceptable if they meet B31.3 criteria for the service.

Fittings, Flanges, and Other Components

Fittings, flanges, and other components produced to ANSI 125 lb. class (or better) specifications are suitable for use at maximum non-shock hydraulic working pressures to 175 psig at ambient temperatures (per ANSI B16.1). Fittings, flanges, and other components produced to ANSI 150 lb. class (or better) specifications are suitable for use at design pressures up to 260 psig for temperatures below 200°F (per ANSI B16.5 (A105 flanges)). Since those pressures exceed the design and operating pressures of the systems under review, components meeting 125 or 150 lb. class requirements are suitable for use in this system. Unlisted components and piping elements whose pressure rating and materials are suitable for the service and which have extensive successful service experience under comparable design conditions are acceptable for use under B31.3 paragraph 304.7.2.

Low Melting Point and Non-Ductile Materials

NFPA 30, paragraph 3-2.4, places restrictions on the use of valves and piping components made of low melting point and non-ductile materials. When used within buildings or aboveground outdoors those materials must be either: a) suitably protected against fire exposure; or b) so located that any leakage resulting from failure would not unduly expose persons, important buildings, or structures; or c) located where leakage can readily be controlled by operation of an accessible, remotely located valve(s).

Safety-Kleen systems which are provided with tank shut-off valves and secondary containment meeting 40 CFR 264.193 requirements comply with options b) and/or c) above.

Tank Connections

NFPA 30 requires that each connection to an aboveground tank through which liquid can normally flow be provided with an internal or external valve located as close as practical to the shell of the tank. External valves must be of steel or nodular iron. Internal valves (as used by Safety-Kleen) may be constructed of other materials. Other tank connections below the liquid level through which liquid does not normally flow must be provided with a liquid-tight closure.

Tank Fill and Emptying Connections

NFPA 30 lists several requirements for tank fill and emptying connections. Normal Safety-Kleen design and installation practice is in conformance with these requirements.

Testing

NFPA 30 requires that before being placed in service all piping must be hydrostatically tested to 150 percent of the maximum anticipated pressure of the system or pneumatically tested to 110 percent of the maximum anticipated pressure with a 5 psig minimum. Test duration is required to be sufficient to visually inspect all joints and connections, with a 10 minute minimum. ANSI B31.3 specifies a 25 psi preliminary check for pneumatic tests as a safety precaution.

Summary

Safety-Kleen solvent piping systems which comply with the items on the attached checklist will be in compliance with the applicable requirements of NFPA 30-1987.

TANKS

NFPA 30 - 1987 Compliance Checklist

for Safety-Kleen Corp. Aboveground Tank Systems

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

Yes 1. Tanks are labeled indicating compliance with API 12F.

Yes 2. Tanks with a capacity of 12,000 gallons or less are located at least 15 feet from the nearest property line. Tanks with a capacity over 12,000 gallons are located at least 20 feet from the nearest property line.

Yes 3. Tanks are located at least 5 feet from the nearest building or public way.

No 4. 9'-0" and smaller diameter tanks are located at least 3 feet apart. Tanks larger than 9 feet in diameter are separated by a distance at least equal to 1/6 the sum of the adjacent tank diameters (e.g. 12 foot tanks: (12+12)÷6 = 4 feet). Tanks are 3'-0 apart.

5. Tanks are provided with spillage containment meeting the following requirements:

Yes a) Any discharged liquid is prevented from endangering important facilities, adjoining property, or reaching waterways.

N/A b) A slope of not less than 1 percent is provided away from the tank to the base of the containment dike.

Yes c) The net volumetric capacity of the diked area shall not be less than the capacity of the largest tank within the dike.

Yes d) The outside of the dike at ground level is at least 10 feet from any property line.

UNK e) Walls shall be designed to be liquid-tight and to withstand a full hydrostatic head.

Yes f) When provision is made for draining water from diked areas, such drains are provided with a normally closed valve outside the dike wall. (Blind sump)

Yes g) Storage of combustible materials, empty or full drums, or barrels within the diked area is prohibited.

TANKS

NFPA 30 - 1987 Compliance Checklist

for Safety-Kleen Corp. Aboveground Tank Systems
(Continued)

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

Yes 6. Tanks are provided with a normal vent of at least 2-inch nominal diameter.

No 7. Tanks are provided with emergency venting provisions in the form of Sentinel model S-22 covered hatch

Yes 8. Tank openings comply with Items 8 and 9 of TERA Piping Checklist requirements.

Yes 9. Tank fill and emptying connections comply with Items 11-15 of TERA Piping Checklist items.

Yes 10. Tank foundation has been reviewed for adequacy to support anticipated loads.

N/A 11. Steel tank supports or skirts over 12" high are provided with insulation to provide a fire resistance rating of 2 hours or more.

Yes 12. At least the top 30% of the tank shells are above the anticipated flood level, a water supply is available to fill tanks in case of flood, and tanks are anchored to prevent floating.

Yes 13. Tanks are shop tested in accordance with API 12F. (API nameplate on tank is acceptable proof of this test.)

UNK 14. Tanks and connections are tightness tested at site at operating pressure using air or water prior to being placed in service.

No 15. Exceptions to the above items have been reviewed and found to be in compliance with NFPA 30 and/or UL 142 requirements.

Safety-Kleen aboveground tanks in compliance with the above items will meet the requirements of NFPA 30 - 1987. Systems should also be checked for compliance with local fire code requirements, which may be more stringent than those of NFPA 30.

PIPING, VALVES, AND FITTINGS

NFPA 30-1987 Compliance Checklist

for Safety-Kleen Corp. Aboveground Tank Systems

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

Yes 1. Pumps are ITT Marlow 20EVP-A, 30 EV-A, or 1-1/2 HR49EC series pumps.

Yes 2. Steel piping meets ASTM A53, A106, A120, or A135 specifications.

Yes 3. Wall thickness of threaded pipe meets ANSI B16.10 specifications for Schedule 80 for sizes 1-1/2" and smaller and Schedule 40 for sizes 2" and larger. Wall thickness of welded pipe of all sizes meets Schedule 40 requirements as a minimum. Based on UT readings

NONE 4. Dumpster hose assembly is S-K Part No. 5237 (per Safety-Kleen drawing D10452). Dumpster connected to pump by pipe.

Yes 5. Valves are Morrison Brothers (S-K standard items) or meet ANSI 125 or 150 lb. class requirements.

Yes 6. Flanges and fittings meet ANSI B16 125 lb. (for cast iron and non-ferrous materials) or 150 lb. class (for steel and malleable iron) requirements.

N/A 7. Valves and piping components of low melting point or non-ductile materials (ie. brass, bronze, aluminum, plastic, rubber, and cast iron) are located within containment areas meeting 40 CFR 264.193 requirements.

Yes 8. Tank connections below the liquid level through which liquid can normally flow are provided with an internal emergency shut-off valve (with fusable link) and a manual valve close to the tank.

Yes 9. Tank connections below the liquid level through which liquid does not normally flow are provided with a liquid-tight plug or blind.

Yes 10. Used solvent tank fill line drop-tube is provided with vacuum breaker in line external to tank and/or hole in top of drop-tube inside of tank to prevent siphoning of liquid from tank.

PIPING, VALVES, AND FITTINGS

NFPA 30-1987 Compliance Checklist

for Safety-Kleen Corp. Aboveground Tank Systems

(Continued)

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

Tank fill and emptying connections (ie. tank truck connections) are:

Yes 11. outside of buildings in a location free of ignition sources;

Yes 12. not less than five feet from any building opening;

Yes 13. furnished with provisions for liquid-tight closure when not in use (ie. valve and hose connection cap);

Yes 14. properly identified by color coding;

Yes 15. provided with check valves.

UNK 16. Prior to being placed in service all piping will be hydrostatically tested at 115 psig or pneumatically tested at 85 psig for a minimum of 20 minutes. Pneumatic tests shall include a preliminary check at not more than 25 psig. All piping joints and components shall be examined for leakage during the test.

None 17. Exceptions to the above items have been reviewed and found to be in compliance with NFPA 30 and/or ANSI B31.3 specifications.

APPENDIX C

Description of Waste

APPENDIX D

Inspection Records

APPENDIX D

Inspection Records

Title	Plate No.
Tank Inspection Record.....	D-1
Tank Containment Inspection Record.....	D-2
Dumpster Containment Inspection Record.....	D-3
Photographs.....	D-4

TERA, INC.

TANK INSPECTION RECORD

Sheet: 1 of 1

CLIENT:	Safety-Kleen Corporation	Job No.	90-150
PLANT LOCATION:	Farmington, New Mexico	Date:	6/13/90
TYPE INSPECTION:	Exterior	By:	J.W.C.
ITEM NO:	CODE: API 12F	YEAR BUILT:	1981

SERVICE: Store used mineral spirit solvent

CAPACITY: 12,000 gal TANK/DRUM TYPE: Cyl shell/flat bot/cone roof

	ROOF	SHELL	BOTTOM
MATLS:	Mild steel all		
ROOF CONDITION:	Satisfactory		
SHELL CONDITION:	Satisfactory		
BOTTOM CONDITION:	Satisfactory		
SUPPORT TYPE:	Standard S-K Tank Skid (Dwg. D13146)		
FOUNDATION CONDITION:	Flat R/C slab on grade. Satisfactory		
INTERNAL STRUCTURE CONDITION:	None		
WELDED/FLANGED JOINT CONDITION:	Satisfactory		
NOZZLE CONDITION:	Satisfactory		
COATING CONDITION:	Tight all around		
INSULATION CONDITION:	None		
SAFETY VALVE CONDITION:	Satisfactory. Breather vent Morrison Bros. #548 Emergency Vent Sentinel No. S-22		
SIGNS OF CRACKS:	None		
SIGNS OF LEAKAGE:	None		
SIGNS OF CORROSION:	None		
SIGNS OF EROSION:	None		

TEST? Yes TYPE: UT Spots RESULTS: As tabulated below

OPERATING CONDITIONS: MAX TEMP: Amb. MAX PRESS: 1 psi VAC: 2"H_2O

REFERENCE INSPECTION RECORDS: None

COMMENTS:
1. Random UT spot readings through paint: Tank shell 0.204" to 0.209"; 3" pipe 0.207" to 0.225"; 2" pipe 0.151" to 0.157".
2. Tank API nameplate by American Tank & Steel Corp., Farmington, API 12F, 12'øx15' high, 1/4" bot., 3/16" shell and deck, 300bbl (42 gal), 1981, mfg. serial #8306.
3. Tank is not grounded.
4. Cover of emergency pressure vent is secured with a padlock.

PLATE D-1

TERA, INC.

CONTAINMENT INSPECTION RECORD

Sheet: 1 of 1

CLIENT: Safety-Kleen Corporation

Job No. 90-150

PLANT LOCATION: Farmington, New Mexico

Date: 6/13/90

TYPE: Vault

By: J.W.C.

LEAK DETECTION TYPE: Visual

YEAR BUILT: 1981

SERVICE: Contain 12,000 gal used and fresh solvent tanks

OUTSIDE DIMENSIONS: LENGTH 38'-2 WIDTH 23'-4

INSIDE HEIGHT 3' @ corners; 3'-1 @ sump WALL TH. 8"

CAPACITY: 18,200 gal LARGEST TANK CAPACITY 12,000 gal

	ROOF/TOP	WALL	BOTTOM
CONSTRUCTION MATLS:	CMU (masonry) perimeter wall, R/C floor slab		
LININGS:	INTERIOR SC Polyurethane paint	EXTERIOR PRIMARY	Paint

JOINT TREATMENTS: Sealed with interior lining paint

ROOF/TOP CONDITION: None

WALL CONDITION: Satisfactory

BOTTOM CONDITION: Satisfactory

SUPPORT TYPE: Slab on grade

FOUNDATION CONDITION: Satisfactory. Shrinkage cracks are sealed

INTERNAL STRUCTURE CONDITION: None

JOINT CONDITION: Satisfactory. All sealed w/epoxy and painted over

LINING/COATING CONDITION: Satisfactory. No shrinkage evident at crack repairs.

LIQUID REMOVAL METHOD: Hand pump and vacuum truck

SIGNS OF CRACKS: Normal shrinkage cracks, all sealed

SIGNS OF LEAKAGE: None

SIGNS OF CORROSION: None

SIGNS OF EROSION: None

OPERATING CONDITIONS: Open to atmosphere

REFERENCE INSPECTION RECORDS: None

COMMENTS: Containment structure appears to be in excellent condition. Masonry wall shows no cracking or other signs of settlement.

TERA, INC.

CONTAINMENT INSPECTION RECORD

		Sheet:	1 of 1
CLIENT:	Safety-Kleen Corporation	Job No.	90-150
PLANT LOCATION:	Farmington, New Mexico	Date:	6/13/90
TYPE:	Vault	By:	J.W.C.
LEAK DETECTION TYPE:	Visual	YEAR BUILT:	1981

SERVICE: Contain dumpster and other ancillary equipment at dump & fill dock

OUTSIDE DIMENSIONS: LENGTH 17'-6 WIDTH 11'-10

INSIDE HEIGHT 7" curb all around, 8" wide

CAPACITY: 740 gal LARGEST TANK CAPACITY 365 gal

CONSTRUCTION MATLS: R/C all. Integral curb and floor slab

LININGS: INTERIOR SC Polyurethane, paint EXTERIOR ANCILLARIES Paint

JOINT TREATMENTS: None

ROOF/TOP CONDITION: Satisfactory. Roof of dump & fill dock is roof for containment

CURB CONDITION: Satisfactory

BOTTOM CONDITION: Satisfactory

SUPPORT TYPE: Slab on grade

FOUNDATION CONDITION: Satisfactory. Shrinkage cracks are sealed

INTERNAL STRUCTURE CONDITION: Satisfactory

JOINT CONDITION: None

LINING/COATING CONDITION: Satisfactory

LIQUID REMOVAL METHOD: Hand pump, vacuum truck, hand dip from sump

SIGNS OF CRACKS: Normal shrinkage cracks, all sealed

SIGNS OF LEAKAGE: None

SIGNS OF CORROSION: None

SIGNS OF EROSION: None

OPERATING CONDITIONS: Open to atmosphere

REFERENCE INSPECTION RECORDS: None

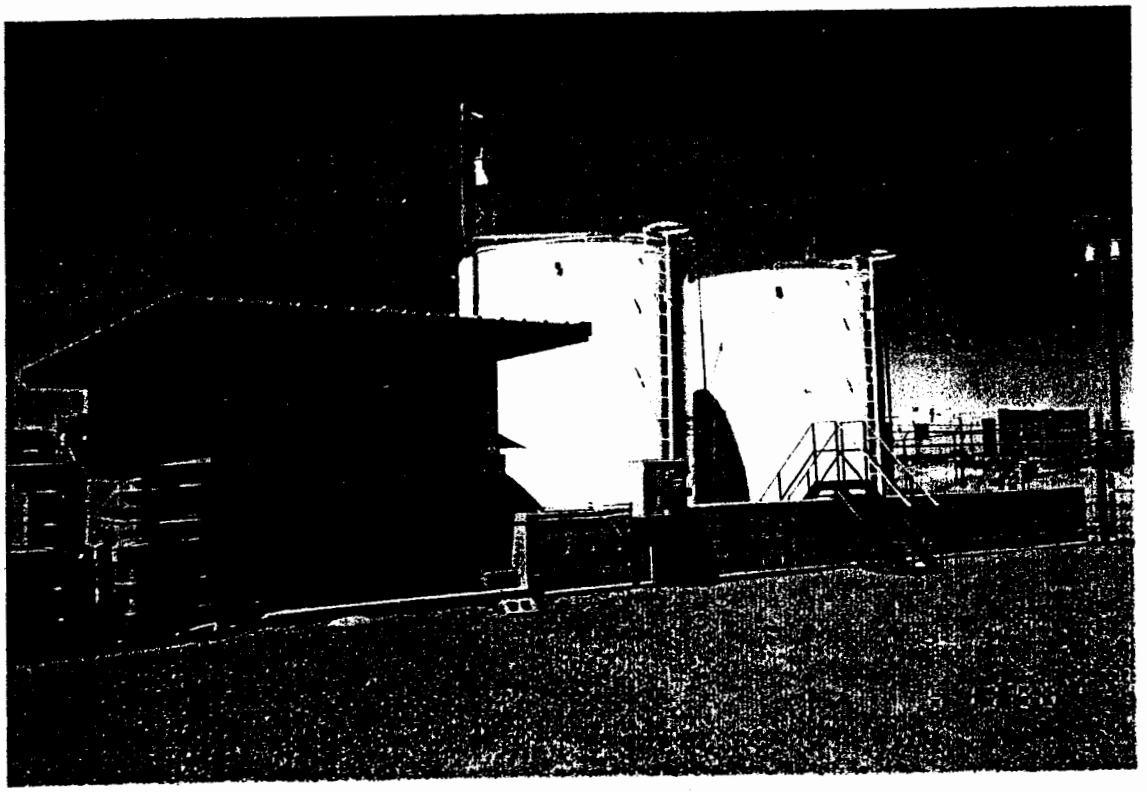
COMMENTS:

1. Containment structure appears to be in excellent condition. Masonry walls supported on perimeter curb of containment show no cracking or other signs of settlement.

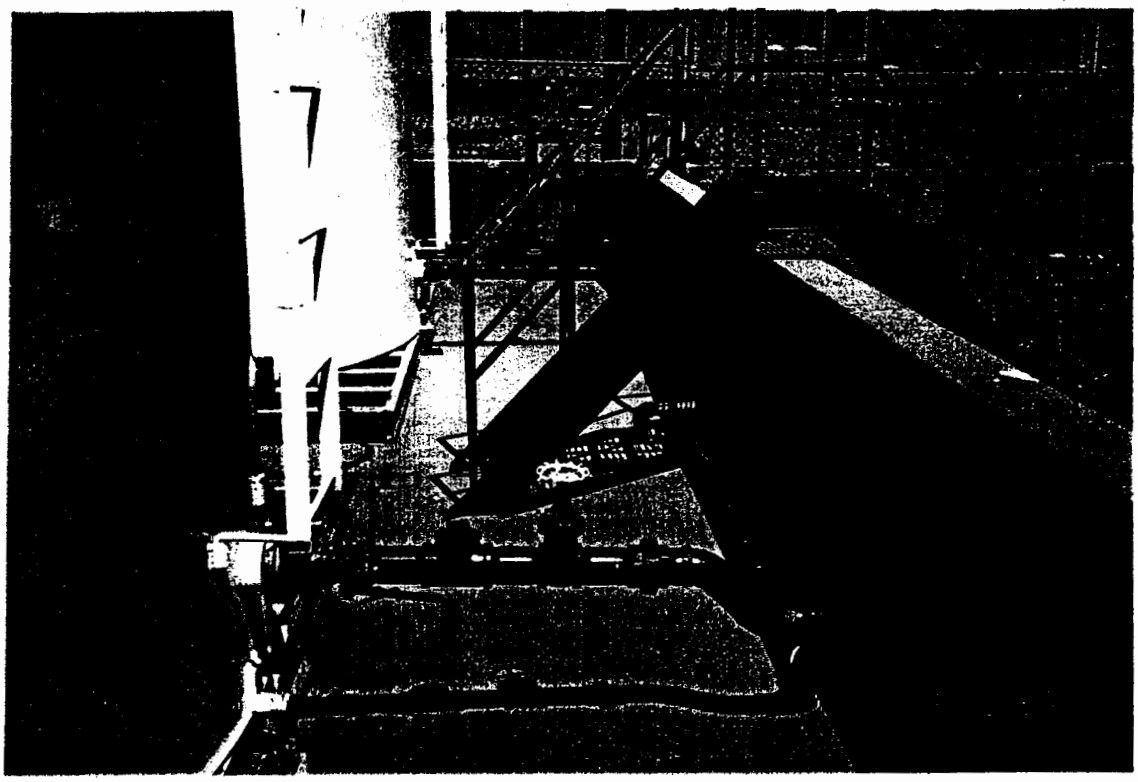
2. Dumpster sits above containment floor on three 8"x8"x16" concrete masonry units.

PLATE D-3

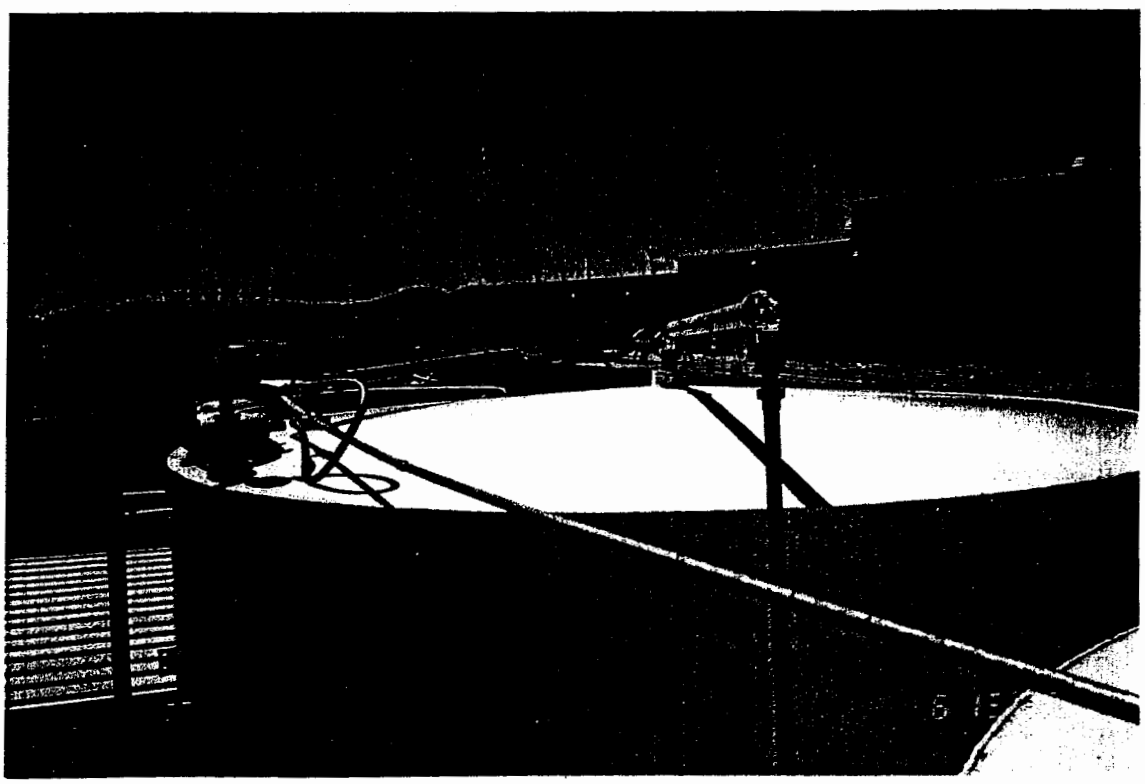
SAFETY-KLEEN SATELLITE BRANCH IN FARMINGTON



TANK FARM AND DUMP AND FILL DOCK

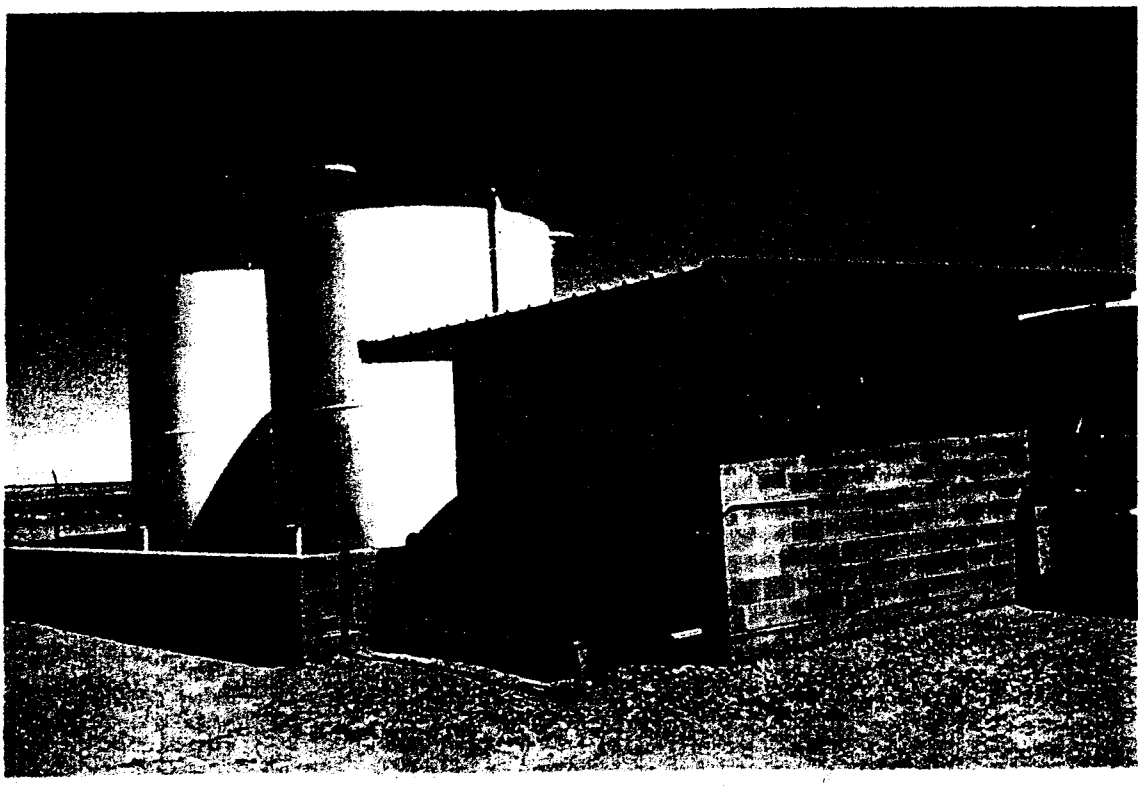


DETAILS OF PIPING TO TRUCK CONNECTIONS

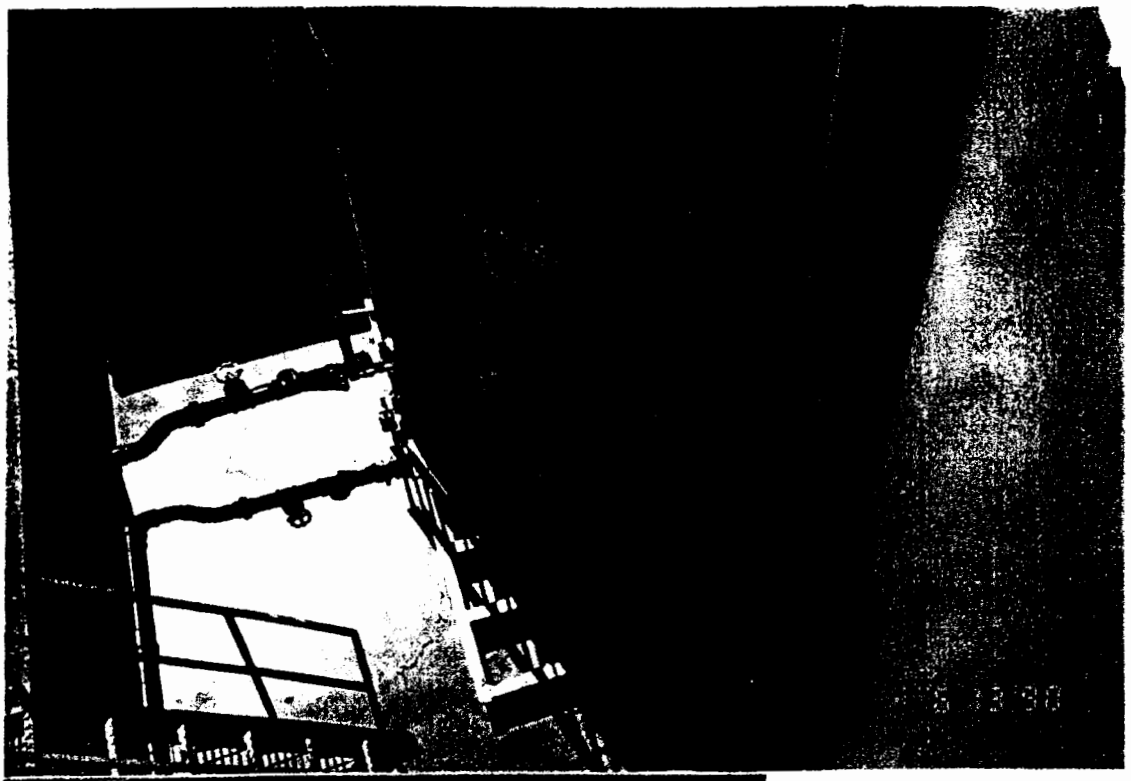


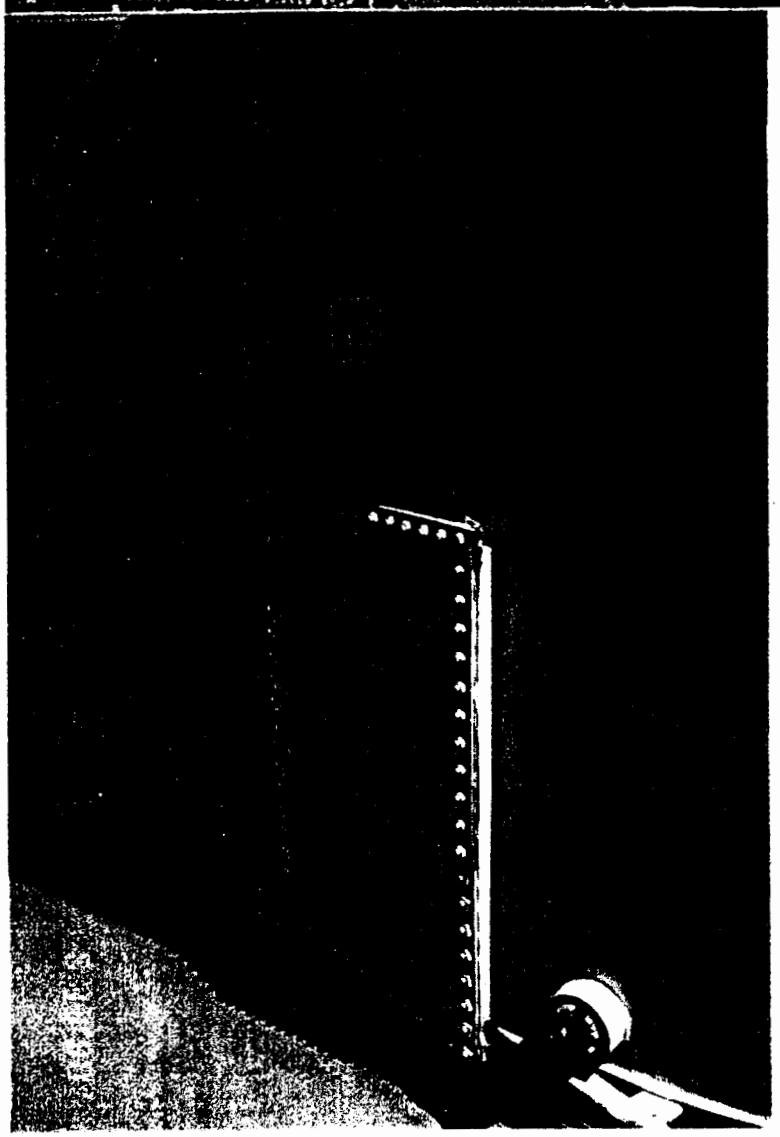
ROOF AND FITTINGS ON USED SOLVENT TANK

DETAILS OF DUMP AND FILL DOCK



ALL PIPE JOINTS OUTSIDE CONTAINMENT ARE WELDED





TYPICAL CONDITION OF TANK SHELL. NAME PLATE CARRIES API LOGO AND VERIFIES 12F CONSTRUCTION. CRACK IN FLOOR IS TIGHT AND SEALED WITH COATING

ATTACHMENT 7
CONTINGENCY PLAN

ATTACHMENT 7
CONTINGENCY PLAN

7.1 INTRODUCTION AND PURPOSE

The contingency plan describes the actions to be taken by each employee in the event of a spill, fire, explosion, or other emergency. It includes information necessary to address emergency situations efficiently and in such a manner as to prevent or minimize hazards to human health or the environment due to fire, explosion, or any other release of hazardous materials to the air, soil, surface water, or ground water at, and around the Safety-Kleen Farmington NM, Service Center (Facility). The provisions of the plan shall be carried out immediately whenever there is a threat to human health or the environment.

7.2 DISTRIBUTION AND AMENDMENT OF THE PLAN

The most current version of the contingency plan shall be maintained at the Facility and copies shall be distributed to:

1.	Farmington Police Department	911 or 505-334-6622
2.	San Juan Regional Medical Center	911 or 505-325-5011
3.	Farmington Fire Department	911 or 505-334-1951
4.	New Mexico Environment Department	505-827-9329
5.	Rinchem Inc.	505-345-3655
		505-883-4242 (24-Hour Central Security).

This plan shall be subject to review and amendment if any of the following occurs:

1. The Facility Permit is modified to allow new wastes to be stored or treated, or applicable regulations are revised;

2. The list or location of emergency equipment changes;

3. The Facility changes in its design, construction, operation maintenance, or other circumstances in a way that:

   a. Increases the potential for fires, explosions, or

releases of hazardous constituents, or;

b. Changes the response necessary in an emergency;

4. The names, addresses, or phone numbers of emergency coordinators change;

5. The employee assigned to each emergency task changes; or;

6. The plan fails when implemented in an emergency;

7.3 ARRANGEMENTS WITH LOCAL AUTHORITIES

Appropriate local authorities have toured the Facility and are familiar with the Facility layout, possible evacuation routes, the general operations of the Facility and the properties and hazards of the waste handled at the Facility. In case of an emergency at the Service Center such as a fire or hazardous material disaster, Safety-Kleen has already made an agreement with local authorities designating primary emergency authority. The Senior Operating Fire Department personnel shall assume command of the field Incident Commander and provide direct assistance, planning and information control to the scene. The City of Farmington and San Juan County Fire Departments shall coordinate joint use of all fire protection services.

Arrangements shall be made with the San Juan Regional Medical Center to familiarize them with the properties of the hazardous waste handled at the Facility and the types of injuries or illnesses which could result from fires, explosions or releases at the Facility. If a Safety-Kleen employee needs to be treated, the medical center and the ambulance service, if any is being used, shall be informed ahead of time, as much as possible, of the employee's name, the nature of the injury and any contamination involved.

Copies of the Contingency Plan transmittal letters to local authorities are located in Attachment 7-1.

7.4 FACILITY EMERGENCY EQUIPMENT

The list of the emergency equipment maintained at the Facility including the equipment's description/capabilities and location in the Facility is located in Attachment 7-2.

7.5 EMERGENCY COORDINATOR

The Emergency Coordinator (EC) or Alternate Emergency Coordinator(s) is responsible for implementing the Contingency

Plan during an emergency. However, all employees shall be familiar with the procedures in this plan and are responsible for proper implementation of the plan should the emergency coordinator or alternate emergency coordinator be unavailable. The Branch Manager (which may include the resource recovery manager, branch automotive manager, etc., or designate) is the emergency coordinator and the alternate emergency coordinator is a trained employee designated to this position by the branch manager.

The Emergency Coordinator and appointed alternates at the Facility shall be thoroughly familiar with all aspects of the contingency plan, all operations and activities at the Facility, the location and characteristics of the wastes handled, the location of all records within the Facility and the Facility layout. The EC and the alternates shall also have the authority to commit the resources needed to carry out this contingency plan.

The Emergency Coordinator or one of his alternates shall always be on the premises or on-call and available to respond to an emergency situation by reaching the Facility within a short time. In the event all of them are out of reach on the same day, a surrogate shall be designated for that period of absence. The EC and his alternates in descending order of priority are shown in Attachment 7-3.

7.5.1 Responsibilities During an Emergency

Whenever there is an emergency situation that requires implementation of this contingency plan, the Emergency Coordinator (or alternate when the Emergency Coordinator is not available) shall immediately:

1. Activate the internal facility communication system to notify all facility personnel;

2. Notify Safety-Kleen's Emergency Response Coordinator using the 24-hour telephone number after working hours - 1-800-468-1760; and

3. Notify appropriate state or local agencies with designated response roles.

Whenever there is a release, fire, or explosion, the emergency coordinator shall immediately try to identify the character, exact source, amount, and extent of any contamination. Because of the limited number of materials handled at the Facility, the emergency coordinator may be able to do this by observation or by review of Facility records. If necessary, outside laboratories

may be contacted to perform chemical analyses.

Concurrently, the emergency coordinator shall assess possible hazards to human health or the environment that may result from the release, fire, or explosion. This assessment shall consider both direct and indirect effects of the release, fire, explosion (i.e. the effects of any toxic, irritating, or asphyxiating gases that may be generated, or the effects of any hazardous run-off).

During an emergency, the EC shall take all measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous waste at the Facility. These measures shall include where applicable, stopping processes and operations, collecting and containing released waste, and removing or isolating containers.

7.5.2 Remedial Action Responsibilities

If the environment has been contaminated or there is a potential for contamination as a result of a fire, explosion, or spill, the EC shall contact Safety-Kleen's Emergency Response Coordinators to report the incident. The treatment, storage and/or disposal of recovered waste, contaminated soil or surface water that results from an emergency situation shall be arranged by Safety-Kleen and carried out as expeditiously as possible.

The Emergency Coordinator shall ensure that, in the affected area(s) of the Facility that:

1. No substance that may be incompatible with the released materials is brought on site until cleanup procedures are completed; and

2. All emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use before operations are resumed.

7.5.3 Reporting Responsibilities

If the Emergency Coordinator determines that the Facility has had a release that could threaten human health or the environment, the Emergency Coordinator shall report those findings as follows:

1. If the assessment indicates that evacuation of local areas may be advisable, the emergency coordinator shall immediately notify appropriate authorities;

2. The emergency coordinator shall immediately notify Safety-Kleen Emergency Response Coordinator and the New Mexico Environment Department (NMED) of any spill or

release or hazardous waste within 24-hours (except for spills of one pound or less that are immediately cleaned up). The emergency coordinator will report to NMED the following as required in 20.4.1.500 NMAC (incorporating 40 CFR 264.56(d)(2)):

a. Name and telephone number of reporter;

b. Name and address of the Facility;

c. Time and type of incident (i.e. release, fire);

d. Name and quantity of material(s) involved, to the extent known;

e. The extent of injuries, if any, and

f. The possible hazards to human health, or the environment outside the Facility.

Safety-Kleen shall notify the appropriate state and local authorities that the affected facility is in compliance with Section 7.5.2 before operations are resumed in the affected area(s) of the Facility.

The EC shall document the time, date, and details of any incident that requires the implementation of the contingency plan in the Facility Operating Record. Within 15 days of the incident, Safety-Kleen shall submit a written report on the incident to the New Mexico Environment Department. This report shall contain the information specified in 20.4.1.500 NMAC (incorporating 40 CFR 264.56(j));

1. Name, address, and telephone number of the owner or operator;

2. Name, address, and telephone number of the Facility;

3. Date, time, and type of incident (i.e. fire, explosion);

4. Name and quantity of material(s) involved;

5. The extent of injuries, if any;

6. An assessment of actual or potential hazards to human health or the environment, where this is applicable; and

7. Estimated quantity and disposition of recovered

material that resulted from the incident.

7.5.4 Chain of Command

Based on the emergency response procedures described above, the chain of command during an emergency is as follows:

1. The person who discovers/causes the spill reports to the Emergency Coordinator; and

2. The Emergency Coordinator contacts the Safety-Kleen Emergency Response Coordinator and the New Mexico Environment Department.

7.5.5 Government Agencies and Local Authorities to Be Notified

During an emergency, the following government agencies and local authorities may be contacted:

Agency or Authority	Rationale
Police Department	Notify if there is imminent danger to human health.
Fire Department	Notify if there is a fire, explosion, uncontrolled spill, or other imminent danger.
Hospital	Notify if there are any injuries.
NMED	Report releases, fires, and explosions.
Rinchem Inc.	Call to assist with remedial action after a release.

Arrangements have been made to familiarize the police department, fire department and local emergency response teams with the layout of the facility, the properties of hazardous materials handled and associated hazards, locations where facility personnel normally work, entrances to and roads inside the facility, and possible evacuation routes. Arrangements have also been made to familiarize the local hospital with the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

7.6 EMERGENCY RESPONSE PROCEDURES

Response actions to be taken in specific emergency situations are described in the following sections.

7.6.1 Minor Spills

If a spill should occur while pouring spent solvent into a drum washer/dumpster or filling containers with solvent product at the return and fill station, and it is contained in the secondary containment at the base of the return and fill station, remedial action will not be necessary. Should the spill occur outside the containment, different actions must be taken depending on whether the spill occurs on a paved or unpaved area:

1. If the solvent spills on a paved area, it must be collected with sorbent sheets and/or sorbent clay (such as "Oil Dry"). The sorbents will be collected, drummed and shipped to a Safety-Kleen recycle center or other permitted facility for proper treatment and/or disposal.

2. If the solvent spills on an unpaved area, the free solvent must be collected with sorbent material. The sorbent material and any contaminated soil must be collected, drummed and shipped to a Safety-Kleen recycle center or other permitted facility for proper treatment and/or disposal.

If a spill occurs while moving or delivering containers outside of the container storage area, the response actions described in '1' and '2' above shall be followed. Spills inside the container storage unit will be prevented from contaminating the environment by the concrete floor and the secondary containment trenches. In the event of a spill indoors, the doors and windows should be opened to improve the ventilation in the confined area. If solvent is spilled in a non-explosion rated area or is flowing in such, insure that all sources of ignition (i.e., thermostats or light switches) are left in the same position (either on or off) as at the time of the spill. Procedures specified on the appropriate Material Safety Data Sheet (MSDS) will be used to respond to an emergency (Safety-Kleen MSDSs are contained in Attachment 3-2), the worker will enter the area wearing rubber gloves, aprons, safety glasses, and/or a respirator, collect the liquid, drum it and return it to storage.

Cleanups are completed only when the workers have cleaned themselves and the emergency equipment with soap and water. All minor spills must be reported to the Safety-Kleen Emergency Response Coordinator and the coordinator will contact the New

Mexico Environment Department (if the spill is of a reportable quantity).

7.6.2 Major Spills

Any spill, which cannot be completely remediated using the methods described in '1' and '2' of section 7.6.1, is a major spill. A major spill is usually the result of a vehicular accident, tank overfilling, equipment failure or a fire. Spilled material, which escapes collection, can contaminate soil, surface water, ground water, sanitary sewer systems and storm sewer systems. Emergency response to this type of spill should be as follows:

1. Assist any injured people;
2. Stop the flow of materials, if possible;
3. Retain, contain or slow the flow of the materials if it can not be stopped;
4. If solvent escapes containment efforts, immediately call the local Fire Department, and report to the emergency coordinator and the Safety-Kleen Emergency Response Coordinator;
5. Immediately recover the spilled solvent to reduce property and environmental damage. Start recovery operations immediately.

The emergency coordinator shall report any incident as soon as possible to Safety-Kleen Emergency Response Coordinator using the 24-hour telephone number, (800) 468-1760. The Emergency Coordinator shall call an emergency cleanup response contractor, if it is deemed necessary, and report the incident to the National Response Center (telephone: 800/424-8802) and New Mexico Environment Department (telephone: (505) 827-9329 - 24 hour number).

The person reporting a spill should be prepared to give his name, position, company name, address and telephone number. The person reporting should also describe the material spilled and, if possible, some estimate of the amount, and the containment status and specify any equipment needed. Contaminated material resulting from remedial actions for major spills, will usually be disposed of at a properly permitted treatment or disposal facility.

Incidents will be documented and kept on file as part of the operating record. The incidents will be reviewed with branch

personnel to prevent similar spills from occurring in the future.

7.6.3 Fire Control Procedures

If a small fire occurs, personnel must act quickly with an appropriately rated fire extinguisher to put out the fire before it spreads. If it cannot be extinguished immediately the facility will be evacuated and the fire and police departments will be contacted.

It is Safety-Kleen's policy that personnel only respond to incipient fires; that is, those that can immediately be extinguished using a fire extinguisher. Any fire which cannot be brought under control immediately or which has the potential to become uncontrollable, warrants implementation of the evacuation plan. Ignitable waste at the Farmington facility is stored in specially designed tanks, or in containers in the container storage area.

Safety-Kleen personnel and local authorities must be aware of appropriate response procedures, should a fire occur at the facility. This may include isolating the hazardous area and donning an appropriate positive pressure breathing apparatus.

7.7 EVACUATION PLAN

Exits are clearly marked in the warehouse and office area. Employees are trained to be aware of all potential escape routes. The facility evacuation plan is included in Attachment 7-4.

When an uncontrolled fire or release has occurred, all personnel are to be evacuated from the area and assemble across Hawkins Road to assure that all personnel are accounted for and out of the hazardous area. The fire department must be notified at the time of evacuation either from a safe on-site building or from a neighboring facility.

7.8 ARRANGEMENT WITH EMERGENCY RESPONSE CONTRACTORS

An emergency response contractor (Rinchem, Inc.) is identified in Section 7.1. This contractor will provide emergency assistance during a release and/or cleanup.

7.9 POLLUTION INCIDENT HISTORY

There are no records of a pollution incident having occurred at this Facility.

7.10 IMPLEMENTATION SCHEDULE

Where a hazard is imminent or an accident has already occurred, remedial action shall be taken immediately. The branch manager has the overall responsibility for remediating any discrepancies found during a routine inspection, and will consult with the corporate environmental and engineering staffs to design an implementation schedule.

7.11 AVAILABILITY AND REVISION OF THE CONTINGENCY PLAN

This plan and all revisions to the plan are kept at the Facility and regularly updated throughout the operating life of the Facility. The Contingency Plan and all revisions to the Plan shall be made readily available to employees working at the Facility.

ATTACHMENT 7-1
TRANSMITTAL LETTERS

Endor... duplicate re... required.
For an additional fee, ... addressee's authorized agen... endorsement "Restricted Delive...
If a postmark on the Certified Mail re... cle at the post office for postmarking. If ... receipt is not needed, detach and affix label w... ...this receipt and present it whe...
102595-00...

safety-kleen ®

Certified Mail - Return receipt requested

May 30, 2001

Emergency Response Manager
Rinchem Inc
6133 Edith NE
Albuquerque N.M. 87109

RE: Safety Kleen Systems Inc 7-008-21
4210 A Hawkins Rd
Farmington, N.M. 87401
EPA ID no. NMD980698849

Dear Sir or Madam:

Under 40 CFR 264.53, all revisions to a hazardous waste management facility's Contingency Plan must be provided to your office. The attached are updated pages for Safety Kleen's Contigency Plan. Please replace the appropriate pages in your copy with this updated information. If you do not have a copy of Safety Kleen's Contingency plan in your files , please contact our facility at 505-327-9070.

If you have any questions or desire to visit our facility , please contact us at the number above.

Sincerely,

Kim Holden
Branch Administrative Assist.
4210 A Hawkins Rd
Farmington , N.M. 87401

safety-kleen ®

Certified Mail - Return receipt requested

May 30, 2001

Police Chief
Farmington Police Dept
800 Municipal Drive
Farmington NM 87401

RE: Safety Kleen Systems Inc 7-008-21
4210 A Hawkins Rd
Farmington, N.M. 87401
EPA ID no. NMD980698849

Dear Sir or Madam:

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If you have any questions or desire to visit our facility , please contact us at the number above.

Sincerely,

Kim Holden
Branch Administrative Assist.
4210 A Hawkins Rd
Farmington , N.M. 87401

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■ A record of delivery kept by the Postal Service for two years
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safety-kleen®

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May 30, 2001

Hospital Administrator
San Juan Regional Hospital
801 W Maple
Farmington, NM 87401

RE: Safety Kleen Systems Inc 7-008-21
4210 A Hawkins Rd
Farmington, N.M. 87401
EPA ID no. NMD980698849

Dear Sir or Madam:

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If you have any questions or desire to visit our facility , please contact us at the number above.

Sincerely,

Kim Holden
Branch Administrative Assist.
4210 A Hawkins Rd
Farmington , N.M. 87401

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safety-kleen®

Certified Mail - Return receipt requested

May 30, 2001

Battallion Chief
Farmington Fire Dept.
301 N Auburn
Farmington NM 87401

RE: Safety Kleen Systems Inc 7-008-21
4210 A Hawkins Rd
Farmington, N.M. 87401
EPA ID no. NMD980698849

Dear Sir or Madam:

Under 40 CFR 264.53, all revisions to a hazardous waste management facility's Contingency Plan must be provided to your office. The attached are updated pages for Safety Kleen's Contigency Plan. Please replace the appropriate pages in your copy with this updated information. If you do not have a copy of Safety Kleen's Contingency plan in your files , please contact our facility at 505-327-9070.

If you have any questions or desire to visit our facility , please contact us at the number above.

Sincerely,

Kim Holden
Branch Administrative Assist.
4210 A Hawkins Rd
Farmington , N.M. 87401

Restricted Delivery".
If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.
IMPORTANT: Save this receipt and present it when making an inquiry.

safety-kleen ®

Certified Mail - Return receipt requested

May 30, 2001

New Mexico Environmental Department
Hazardous and Radioactive Materials Bureau
P O Box 26110
Santa Fe NM 87502

RE: Safety Kleen Systems Inc 7-008-21
4210 A Hawkins Rd
Farmington, N.M. 87401
EPA ID no. NMD980698849

Dear Sir or Madam:

Under 40 CFR 264.53, all revisions to a hazardous waste management facility's Contingency Plan must be provided to your office. The attached are updated pages for Safety Kleen's Contigency Plan. Please replace the appropriate pages in your copy with this updated information. If you do not have a copy of Safety Kleen's Contingency plan in your files , please contact our facility at 505-327-9070.

If you have any questions or desire to visit our facility , please contact us at the number above.

Sincerely,

Kim Holden
Branch Administrative Assist.
4210 A Hawkins Rd
Farmington , N.M. 87401

ATTACHMENT 7-2
EMERGENCY EQUIPMENT AND LOCATIONS

EMERGENCY EQUIPMENT LIST

The following equipment shall be located in the locker room area and the supply checked monthly:

Gloves - Gloves which are compatible with parts washer solvents are to be used when handling the solvents.

Safety Glasses or Face Mask - Whichever the worker prefers, is to be worn when loading or unloading the solvent.

Plastic Aprons - Are available for the situations where a solvent may get on the worker's clothing.

Shovels - In the event of a spill, shovels will be used to pick-up contaminated sorbent material.

Decontamination of all equipment is accomplished by washing with soap and water.

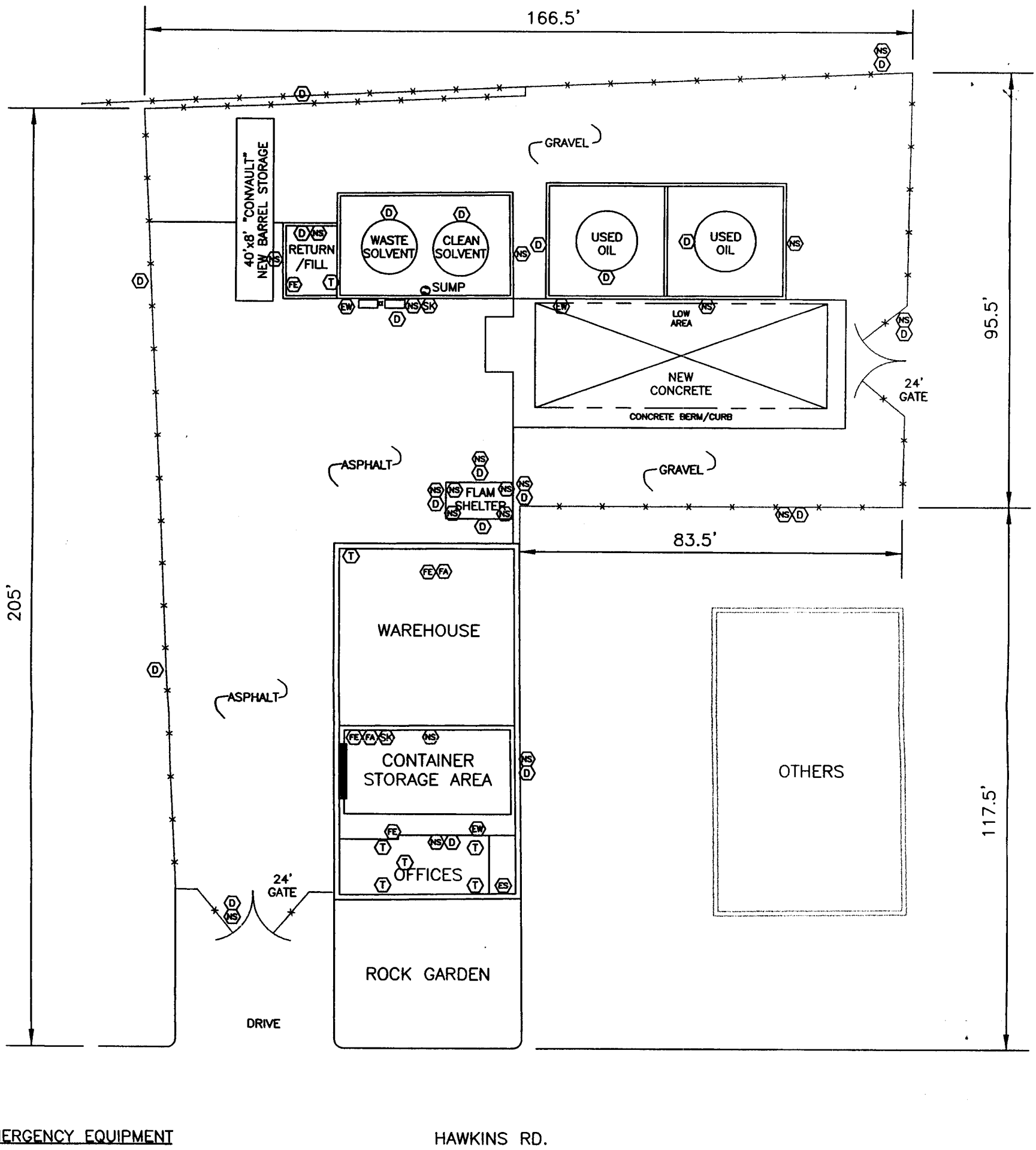
Eye Wash Stand - The eye wash stations are at several locations located at the Service Center and Accumulation Center, as shown on Figure E-3. The workers should try the stand and be familiar with its preparation. The eye wash stand should be checked once a week for operation.

Showers--Should be checked periodically to ascertain that they are operational. Located in locker room area. Eye wash stands are equipped with a hand-held spray nozzle, which may also be used as a shower.

Ventilation--Any area that is closed and collects vapors should be avoided or equipped with proper fans to ensure adequate ventilation.

Fire Extinguisher--Each center should have a minimum of two 10-pound ABC extinguishers, located at the points where solvents are transferred. An ABC extinguisher is a universal system used on paper, wood and electrical, as well as solvent fires. The extinguishers must be full and carry an inspection tag.

Absorbent Material--An adequate supply (200 sheets, 2 bales and/or vermiculate) should be on hand to handle small spills. Located in the loading and unloading area and warehouse. In the event of a spill, contaminated absorbent material will be placed in drums and handled as hazardous waste.



EMERGENCY EQUIPMENT

- (T) – TELEPHONE
- (FE) – FIRE EXTINGUISHER
- (FA) – FIRST AID STATION
- (D) – "DANGER" SIGN (May also include "No Smoking" and "Caution" signs)
- (NS) – "NO SMOKING" SIGN
- (EW) – EYE WASH STATION
- (ES) – EMERGENCY SHOWER
- (SK) – SPILL KIT

N

0 25 ft.
SCALE

A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE F-1
EMERGENCY EQUIPMENT
LOCATION PLAN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 933-4300

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/16/01	Reference: 333SITE

ATTACHMENT 7-3
EMERGENCY CONTACTS

REVISED 3-14-2002

EMERGENCY INFORMATION
FARMINGTON NM 7-008-21

A) FACILITY EMERGENCY COORDINATOR

NAME:	JOE BIRKBY
TITLE:	BRANCH AUTOMOTIVE MANAGER
HOME ADDRESS:	700 HOPE AVE PO BOX 15033 FARMINGTON NM 87410
TELEPHONE:	505-327-4954
CELL PHONE:	505-860-6580

ALTERNATE EMERGENCY COORDINATOR

NAME:	KIM HOLDEN
TITLE:	BRANCH ADMINISTRATIVE ASST
HOME ADDRESS:	1012 SYCAMORE ST FARMINGTON NM 87401
TELEPHONE:	505-327-2881

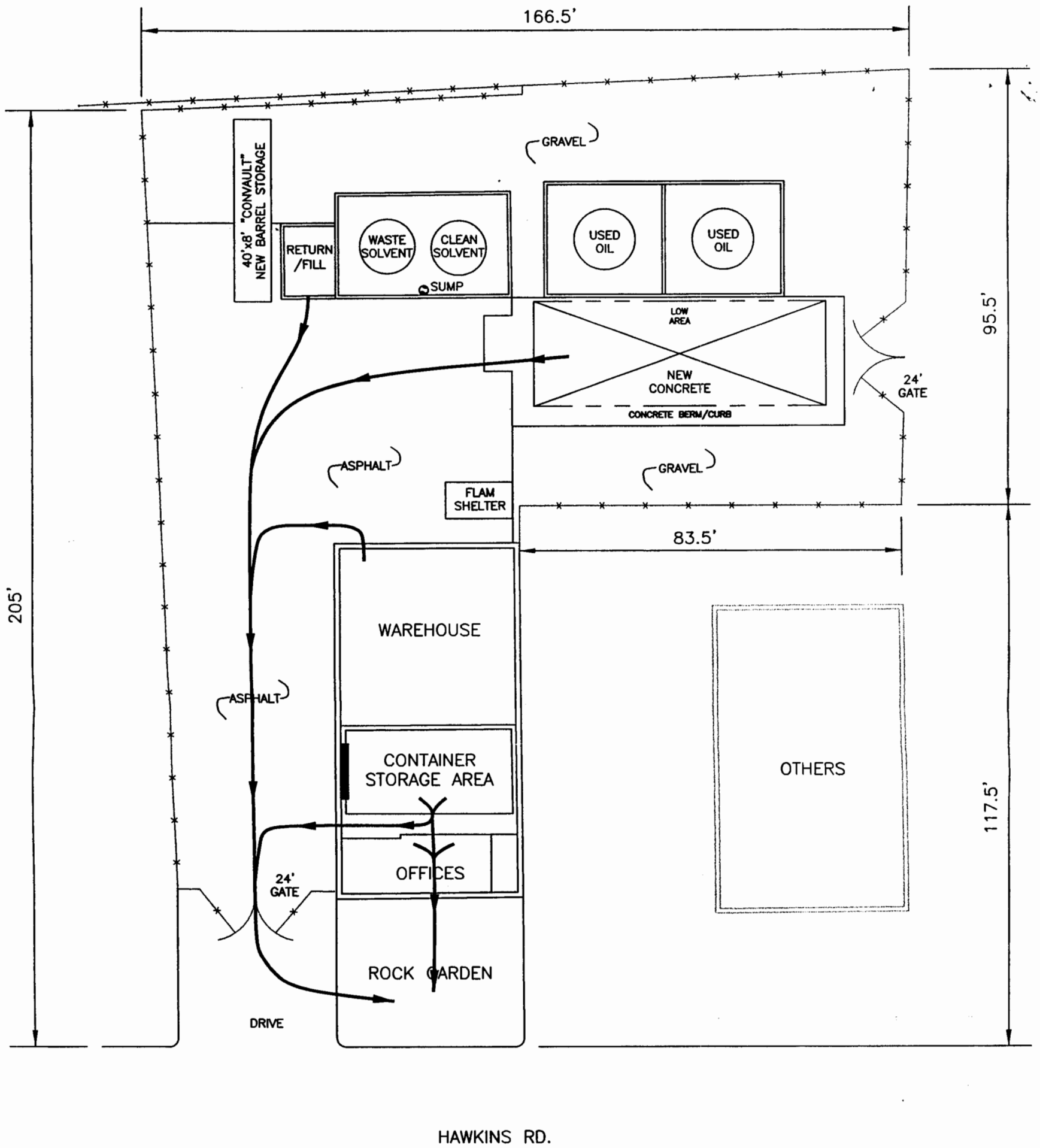
B) EMERGENCY NOTIFICATION TELEPHONE NUMBERS

INTERNAL (24 HOUR) SAFETY KLEEN		1-800-468-1760
EXTERNAL:	A: NATIONAL RESPONSE CENTER	1-800-424-8802
	B: NMED HAZARDOUS AND RADIOACTIVE MATERIALS BUREAU	1-505-827-9329

C) DESIGNATED EMERGENCY RESPONSE AUTHORITIES

A: FARMINGTON FIRE DEPARTMENT	EMERGENCY	911
	NON EMERGENCY	505-334-1951
B: FARMINGTON POLICE DEPARTMENT	EMERGENCY	911
	NON EMERGENCY	505-334-6622
C: SAN JUAN REGIONAL MEDICAL CENTER	EMERGENCY	505-325-5011
D: RINCHEM (CLEANUP CONTRACTER)	EMERGENCY	505-345-3655
	24 HOUR	505-883-4242
E: POISON CONTROL CENTER	24 HOUR	800-432-6866

ATTACHMENT 7-4
FACILITY EVACUATION PLAN



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

N

0 25 ft.

SCALE

REVISIONS	
Date	By

TRIHYDRO corporation
920 Sheridan Street
Laramie, Wyoming 82070

FIGURE F-2
EVACUATION PLAN
4210A HAWKINS RD.
FARMINGTON N.M.

SAFETY-KLEEN SYSTEMS, INC.
1301 Gervais Street, Suite 300, Columbia, South Carolina, 29201,
Phone (803) 633-4200

Drawn By: DJR	Checked By: BC	Scale: SHOWN	Date: 03/16/01	Reference: 333SITE

ATTACHMENT 8
MANIFESTING, REPORTING AND RECORD KEEPING

ATTACHMENT 8
MANIFESTING, REPORTING, AND RECORD KEEPING

8.1 MANIFESTING

Safety-Kleen shall include a hazardous waste manifest whenever hazardous waste is shipped off-site from the Facility to treatment, storage and/or disposal facilities. All specific manifest requirements shall be completed in accordance with all applicable requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.70 through 40 CFR 264.77).

8.2 HAZARDOUS WASTE RECEIPT (MANIFESTED WASTE)

Upon Safety-Kleen receipt of hazardous waste accompanied by a manifest, the following steps shall be taken as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.71):

1. Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;

2. Immediately give the transporter at least one copy of the signed manifest;

3. Once the waste is received at the Facility, the manifest shall be terminated and the original mailed back to the off-site generator;

4. Within 30 days after receiving off-site waste, Safety-Kleen shall send a copy of the manifest to the generator;

Safety-Kleen shall file the treatment, storage, and disposal facility (TSDF) copy and retain a copy of each manifest at the Facility for at least 3 years from the date of delivery.
A specific location shall be assigned for storing the waste based on its characteristics. This storage location shall be entered into the Safety-Kleen accounting computer system and hazardous waste log. Movement of hazardous waste within the Facility does not routinely occur.

8.3 UNMANIFESTED WASTE REPORT

Safety-Kleen shall not accept unmanifested waste from off-site generators. Therefore 20.4.1.500 NMAC (incorporating 40 CFR 264.76) does not apply and additional reporting is not required. However, if for some unforeseen reason waste is accepted without a manifest then Safety-Kleen shall prepare and submit a single copy of a report to the Secretary within 15 calendar days after

receiving the waste. The unmanifested report shall be submitted on EPA form 8700-13B. The report shall be designated "Unmanifested Waste Report" and shall include the following information:

1. The EPA identification number, name and address of the facility;

2. The date the facility received the waste;

3. The EPA identification number, name, and address of the generator and the transporter, if available;

4. A description and the quantity of each unmanifested hazardous waste and facility received;

5. The method of storage for each of the unmanifested waste;

6. The certification signed by the owner of the facility or the authorized representative;

7. A brief explanation of why the waste was unmanifested.

8.4 RECORD KEEPING

The following information shall be recorded as it becomes available and shall be maintained in the operating record until closure of the Facility:

1. Description and quantity of hazardous waste received, and the methods and dates of its storage at the Facility. This information shall also include:

   a. Common name of the waste;

   b. Applicable EPA waste codes from 40 CFR Part 261;

   c. Physical form of the waste;

   d. Description of the process generating the waste if the waste is not a waste listed in 20.4.1.300 NMAC (incorporating 40 CFR 261 Subpart D);

   e. Estimated or manifest-reported weight, or volume and density in one of the units specified in Appendix I of 20.4.1.500 NMAC (incorporating 40 CFR 264);

   f. Applicable handling code specified in Table 2, Appendix I of 20.4.1.500 NMAC (incorporating 40 CFR Part 264 (e.g., S01));

g. Dates of storage;

h. Records and results of waste analyses and waste determinations, including:

Waste characterizations, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.13);

Additional information regarding waste analysis and characterization records as provided in Permit Attachment 3, *Waste Analysis Plan*;

General requirements for ignitable, reactive, or incompatible wastes, as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.17);

Air emission analyses as applicable under 20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart CC).

8.5 MANIFEST DISCREPANCIES

If there are discrepancies with an off-site manifest, Safety-Kleen shall not accept the waste and shall contact by telephone the originator of the manifest.

Depending on the discrepancy, Safety-Kleen shall request a detailed inventory of the waste, a new manifest and order additional analytical testing.

If the discrepancy is not resolved within 15 calendar days after receiving the waste (if Safety-Kleen decides to accept the waste), Safety-Kleen shall submit to the Secretary, a letter describing the discrepancy and the attempts to reconcile it and a copy of the manifest or shipping papers at issue.

Significant manifest discrepancies are differences between the quantity or type of hazardous waste designated on the manifest or shipping paper and the quantity or type of hazardous waste a facility actually receives, as follows:

1. For bulk waste, significant discrepancies are variations of more than 10% in weight;

2. For batch waste, a significant discrepancy is any variation in piece count, such as a discrepancy of one container in a truckload; and

3. Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis, such as waste solvent substituted for

waste acid or toxic constituents not reported on the manifest or shipping paper.

8.6 OPERATING RECORD

Safety-Kleen shall maintain an operating record at the Facility. In the operating record the following shall be maintained for the life of the Facility unless otherwise noted as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73):

1. A description and the quantity of each hazardous waste received, and the method and date of its storage as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73 and Appendix I);

2. The location of hazardous waste within the facility and quantity;

3. The information in the operating record shall cross-reference the specific manifest document numbers;

4. Records and results of waste analyses performed;

5. Summary reports and details of all incidents that require implementing the contingency plan;

6. Records and results of inspections;

7. Monitoring, testing or analytical data and corrective action where required by 40 CFR 264 Subpart F and in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(6));

8. For off-site facilities, Notices to generators as specified in 20.4.2.500 NMAC (incorporating 40 CFR 264.12(b));

9. All Closure and Post-Closure cost estimates;

10. A certification by the Permittee no less often than annually, that the Permittee has a program in place to reduce the volume and toxicity of hazardous waste that the Permittee generates to the degree determined by the Permittee to be economically practicable and as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(9));

11. Records of the amount of each shipment of hazardous waste placed in land disposal units in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(10);

12. The land ban notices and requirements. These records shall be kept on file at the Facility;

13. For an off-site treatment facility, a copy of the notice, and the certification and demonstration if applicable, required by the generator or owner or operator of a treatment facility under 40 CFR 268.7 and 40 CFR 268.8 in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(11);

14. For an off-site land disposal facility a copy of the notice, and the certification and demonstration if applicable, required by the generator or owner or operator of a treatment facility under 40 CFR 268.7 and 40 CFR 268.8, whichever is applicable in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(13);

15. For an off-site storage facility, a copy of the notice, and the certification and demonstration if applicable, required by the generator or owner or operator of a treatment facility under 40 CFR 268.7 and 40 CFR 268.8 in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(15);

16. For an on-site storage facility the information contained in the notice (except the manifest number), and the certification and demonstration if applicable, required by the generator or owner or operator of a treatment facility under 40 CFR 268.7 and 40 CFR 268.8 in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.73(b)(16);

17. Any records required by 40 CFR 264.1(j)(13)).

8.7 AVAILABILITY, RETENTION, AND DISPOSITION OF RECORDS

All records including plans, required under Section 8.8 shall be furnished upon request, and made available at all reasonable times for inspection by any officer, employee, or representative of NMED who is duly designated by the Secretary.

The retention period for all records required under Section 8.8 is extended automatically during the course of any unresolved enforcement action regarding the Facility or as requested by the Secretary as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.74).

8.8 BIENNIAL REPORT

The Permittee shall prepare and submit a single copy of the biennial report to the Secretary, by March 1 of each even numbered year. The biennial report shall be submitted on EPA form 8700-13B and shall contain the following information:

1. The EPA identification number, name and address of the Facility;

2. The calendar year covered by the report;

3. For off-site facilities, the EPA identification number of each hazardous waste generator from which the Facility received hazardous waste during the year;

4. Description and the quantity of hazardous waste Safety-Kleen received during the year. For off-site facilities, this information shall be listed by EPA identification number of each generator;

5. The method of storage for each hazardous waste;

6. The most recent closure estimate under 40 CFR 264.142;

7. For generators who store hazardous waste on-site, a description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years;

8. Certification signed by the appropriate Safety-Kleen representative;

9. Additional reporting as required in 20.4.1.500 NMAC (incorporating 40 CFR 264.77) shall be accomplished if releases, fires and explosion occur at the Facility or if the Facility closes.

8.9 INCIDENT REPORT

Incident reports shall be submitted to NMED as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.56(j)).

8.10 SHIPMENT OF GENERATED WASTE

When a shipment of hazardous waste is initiated from the Facility, the Branch Manager or designate shall;

1. Prepare a manifest before transporting the waste off-site;

2. Designate on the manifest, one facility, which is licensed to handle the waste described on the manifest. The Branch Manager may also designate on the manifest one alternate facility which is licensed to handle the waste if an emergency prevents delivery of the waste to the primary facility;

3. Use a transporter who is properly licensed under RCRA or a generator owned vehicle licensed under RCRA to transport the waste;

4. If the transporter is unable to deliver the hazardous waste to the designated facility or the alternate facility, the generator shall either designate another facility or instruct the transporter to return the waste.

The Branch Manager shall use a manifest form as specified in 20.4.1.300 NMAC (incorporating 40 CFR 262 Subpart B), which contains all of the following information:

1. A manifest document number;

2. The generator's name, mailing address, telephone number, and EPA identification number;

3. The name and EPA identification number of each transporter;

4. The name, address, and EPA identification number of the designated facility and an alternate facility, if any;

5. The description of the waste required by regulations of the DOT in the provisions of 49 CFR 172.101, 172.202, and 172.203;

6. The total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle;

7. The hazardous waste number describing the waste;

8. The following certification: "I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations" and the applicable large quantity

generator or small quantity generator statement in Block 16 of the Uniform Hazardous Waste Manifest; and

9. Other certification statements required by the director based on requirements under title II of the Solid Waste Disposal Act.

If the facility manifests a shipment of hazardous waste out of state, and if the state to which the shipment is manifested requires the use of another manifest, then the generator shall use that manifest.

The Branch Manager or designate shall do all of the following when initiating a shipment:

1. Sign the manifest certification by hand;

2. Obtain the handwritten signature of the initial transporter and the date of acceptance on the manifest;

3. Retain one copy for his files;

4. Give the remaining copies to the transporter.

When Safety-Kleen receives or ships hazardous waste, the Branch Manager or his designate shall review the manifest and check the information on the manifest for correctness. It should be noted that Safety-Kleen prints most of the required information electronically on the majority of its manifests. The employee checking the manifest shall review the names, addresses, EPA and New Mexico I.D. and transporter numbers, the manifest document number and the telephone numbers listed. In addition, the hazardous material box should be checked, the waste description, DOT classification, DOT I.D. number and EPA Waste Code must be verified. The number of containers and pounds, as well as the symbols for these units must be correct and an "H" must be entered in the last column. The generator, transporter(s) and TSDF operator must print and sign their names and enter the date the waste was shipped or received, as appropriate.

ATTACHMENT 9
PERSONNEL TRAINING

ATTACHMENT 9
PERSONNEL TRAINING

9.1 INTRODUCTION

The purpose of training is to familiarize employees with environmental regulations, records and emergency procedures so they can perform their jobs in the safest and most efficient manner possible. The training program is designed to ensure that Facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment and emergency systems.

Facility personnel shall successfully complete a program of classroom instruction or on-the-job training that teaches them to perform their duties in a way that ensures the Facility's compliance with 40 CFR 264.16.

Facility personnel shall successfully complete the program outlined in this Attachment within six months after the date of their employment, or assignment to a facility, or to a new position at a facility. Employees shall not work in unsupervised positions until they have completed the training requirements of this Attachment. The new employee training program is outlined in Attachment 9-1.

9.2 TIME OF TRAINING

Job Title	Prior to Starting Work	On The Job	Annually	When Regulations or Procedures Change
Branch Manager	X	X	X	X
Branch Secretary	X	X	X	X
Branch Sales Mgr	X	X	X	X
Sales Representative	X	X	X	X
Warehouse Person	X	X	X	X

9.3 TRAINING SUMMARY

The following describes the training and cycle of training received for each class of employee.

9.3.1 Customer Service Representative:

8-Hour HAZWOPER Refresher (Annual)

Bloodborne Pathogens (Annual)

Hazardous Materials Transportation Skills (Once every 3 years)

RCRA Update (Annual)

Driver Safety Training (including vehicle inspections and exempt log training - Once every 3 years)

Drum Closure (Once every 3 years)

9.3.2 Customer Service Representative: Oil and Vac:

8-Hour HAZWOPER Refresher (Annual)

Bloodborne Pathogens (Annual)

Hazardous Materials Transportation Skills (Once every 3 years)

RCRA Update (Annual)

Driver Safety Training (including vehicle inspections and exempt log training - Once every 3 years)

Drum Closure (Once every 3 years)

Cargo Tank Operations (Once every 3 years)

Rail Tank Car Procedures (Once every 3 years)

9.3.3 Material Handlers:

8-Hour HAZWOPER Refresher (Annual)

Bloodborne Pathogens (Annual)

Hazardous Materials Transportation Skills (Once every 3 years)

RCRA Update (Annual)

Drum Closure (Once every 3 years)

9.3.4 Secretaries:

8-Hour HAZWOPER Refresher (Annual)

Bloodborne Pathogens (Annual)

Hazardous Materials Transportation Skills (Once every 3 years)

RCRA Update (Annual)

Shipping Hazardous Material Samples (Annual)

9.3.5 Branch General Manager:

8-Hour HAZWOPER Refresher (Annual)

Bloodborne Pathogens (Annual)

Hazardous Materials Transportation Skills (Once every 3 years)

RCRA Update (Annual)

Drum Closure (Once every 3 years)

Cargo Tank Operations (Once every 3 years)

Rail Tank Car Procedures (Once every 3 years)

9.4 TRAINING CERTIFICATION AND RECORD RETENTION

Records documenting that the training specified in this Attachment or job experience required in accordance with 40 CFR 264.16(a) through 40 CFR 264.16(c), shall be maintained and kept at the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.16(d)(4)).

Training records on current personnel shall be kept until Facility closure; training records on former employees shall be kept at least three years from the date the employee last worked at the Facility. Personnel training records may accompany personnel transferred within the same company in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.16(e)).

9.5 TRAINING RECORDS

Employee training will be documented. Employees complete a written examination at the conclusion of training. Training records will be maintained onsite in accordance with Section 9.4.

9.6 OUTLINE OF TRAINING PROGRAM

Each employee is trained to operate and maintain the Facility safely, and to understand hazards unique to the job assignment. This section contains information on Service Center personnel and trainers, job descriptions, training outlines and training record forms. The training is designed to meet federal regulations and requirements. All employees at the Facility have had training that satisfies the requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.16). The regional environmental professional directly assists with the training new branch managers. The Branch Manager, in turn, trains his or her employees. An employee shall not work in an unsupervised position until he or she has received proper training as outlined in this Attachment.

9.7 ORGANIZATION STRUCTURE AND JOB DESCRIPTIONS

Environmental compliance and training of branch employees is the responsibility of the Branch Manager. The Safety-Kleen corporate office provides a training program to be executed annually. The training program is directed by personnel trained in hazardous waste management procedures and includes instruction on hazardous waste management for Facility personnel in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.16(a)(2)). Job descriptions for branch personnel as required by 20.4.1.500 NMAC (incorporating 40 CFR 264(d)(2)) are located in Attachment 9-2. In accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.16(d)(1)), a list of employees, their job titles, and job functions will be maintained at the Facility.

9.7.1 Branch Manager

The Branch Manager (which may include the resource recovery manager, branch sales manager, branch automotive manager or designee) is ultimately responsible for the operations at the service center. The sales representatives, secretary and warehouseman report to the Branch Manager and he or she, in turn, shall provide the training and materials necessary for the branch employees to execute their duties. With respect to environmental compliance, the Branch Manager shall:

1. Keep the service center clean and orderly;

2. Perform, or designate an employee to perform, the daily inspection, keep a written log and remediate any identified problems;

3. Know the potential hazards of the material and wastes handled on site;

4. Identify potential spill and fire sources and be able to execute the contingency plan;

5. Inform all employees of their environmental responsibilities;

6. Act as Emergency Coordinator and notify the proper authorities during an emergency, remediate the situation to the best of his or her abilities, and submit necessary reports to the corporate office; and

7. Maintain all environmental records (such as manifests, training records and spill reports) at the service center.

9.7.2 Corporate Compliance Department

Safety-Kleen's Corporate Compliance Department has personnel on staff who provide guidance to divisional and regional personnel for training, permitting, and other compliance issues for the service centers in a given geographic area of the country.

9.8 DESCRIPTION OF THE TRAINING PROGRAM

Employee training may be accomplished using classroom, videotape, written and on-the-job methods. This training is sufficient to allow the Branch Manager to train his or her employees. The regional/corporate offices prepare a training program for employees, and documents that the program has been executed.

An employee is trained prior to starting or as soon as he or she begins working (depending on the specific position), and annually thereafter. Safety-Kleen ensures that the Branch Manager has received adequate training in order to train branch personnel. Section 9.3 of this Attachment contains an example outline of the training program, which demonstrates that Facility personnel are trained in Hazardous Waste Management procedures.

9.8.1 Training of New Branch Managers

New managers are trained for several weeks before they begin their new positions. This training includes on site, on-the-job, and off site classroom training. While being trained at a designated "training facility", a new manager reviews all environmental records and learns the record keeping requirements. These records may include Waste Analysis Profiles, manifests, personnel records, training records, facility inspection records, and spill reports.

The training culminates with additional training at his or her new facility at the direction of an environmental professional. This training may include at a minimum, a review of the facility permit, including the Waste Analysis Plan, Inspection Plan, Preparedness and Prevention Plan, Contingency Plan, Training Plan and Closure Plan. Additional time is spent reviewing past environmental compliance at the branch manager's facility and regulations unique to his or her state are discussed as well.

9.8.2 Training of New Branch Secretaries

Branch secretaries are trained in the proper record keeping procedures as soon as they begin working for Safety-Kleen. While they are not usually responsible for preparing the documentation, they must check it for accuracy and completeness and then process or file it as required. Additional training is overseen by the Branch Manager and is done within six months of starting. It includes the items listed in the training outline located in Attachment 9-1, and may include emergency response, shipping documents (including manifests), drum labels and other safety and environmental compliance issues.

9.8.3 Training of Sales Manager

A branch sales manager is a middle management position created to supervise the sales force within a specific line of services. The sales manager position will be particular to a specific line of Safety-Kleen business and will be filled according to the needs of the facility. The primary goal of this position is to direct and assist the branch manager in attaining sales goals in a specific line of business, which Safety-Kleen offers. The sales manager supervises the sales aspect of the sales representative position. Though most training for this position is within the area of sales the sales manager also receives the training included in the training outline in Section 9.3. A sales manager may also be trained as the designate for performing facility inspections. Additional training in the form of a review of the contingency plan with the branch manager is required. A job description for this position can be found in Attachment 9-2.

9.8.4 Training of New Sales Representatives

New sales representatives are trained onsite during which they are introduced to manifests, facility inspection records and training records. A sales representative may also be trained as the designate for performing the facility inspection. Additional training may be in the form of videotape presentations and a review of the Contingency Plan. The Contingency Plan must be reviewed with the Branch Manager before the sales representative

formally begins his new position and annually thereafter. All items listed in the training outline located in Section 9.3 shall be explained within six months of starting.

9.8.5 Training of New Warehousepersons

A warehouseperson is trained to maintain the service center and assist the other branch employees in their tasks. He/She may be a designate for the facility inspection and must be trained by the branch manager as such. Within two weeks of the warehouseperson's starting, the Branch Manager must review the contingency plan with the warehouseperson, and within six months must review the items listed in the training outline located in Section 9.3.

9.8.6 Annual Training

On an annual basis, employees are trained using a program prepared and updated annually by the Safety-Kleen regional and or corporate compliance offices and health and safety department offices. The annual training includes updates on environmental regulations, an in-depth review of the Contingency Plan and a review of RCRA inspection criteria.

Service center employees shall annually review the items listed in the example training plan outline. This review is in the form of slide/tape and or videotapes and a review and discussion of the storage facility permit application. In addition, periodic memoranda on changes in environmental regulations are issued by the regional and or corporate offices and must be read and discussed by branch personnel.

ATTACHMENT 9-1
NEW EMPLOYEE TRAINING PLAN

Training Summary

Customer Service Rep.;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Driver Safety Training (including vehicle inspections and exempt log training) (Once every three years)
- Drum Closure (Once every three years)

Customer Service Rep. Oil and Vac;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Driver Safety Training (including vehicle inspections and exempt log training) (Once every three years)
- Drum Closure (Once every three years)
- Cargo Tank Operations (Once every three years)
- Rail Tank Car Procedures (Once every three years)

Material Handlers;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Drum Closure (Once every three years)

Secretaries;

- Health And Safety for Administration (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Shipping Hazardous Material Samples (Annual)

Branch General Manager;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Drum Closure (Once every three years)
- Cargo Tank Operations (Once every three years)
- Rail Tank Car Procedures (Once every three years)

Safety-Kleen Training Program Overview

Safety-Kleen's training program is designed to ensure that facility personnel are able to respond to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems. The training program complies with 40 CFR 264.16 (a) (3) and includes, as appropriate, the following:

- Procedures for using, inspecting, repairing, and replacing facility emergency and maintaining equipment;
- Automatic waste feed cut-off systems;
- Communication procedures and alarm systems;
- Response to fire and explosions;
- Shutdown of facility operations

Additional information on Safety-Kleen 's training program, including addditional training topics, follows.

Courseware and Materials

The Training Department is responsible for providing course materials for federally mandated training to the company. Centrally developing course materials ensures that training is consistent throughout Safety-Kleen's business units. Providing consistent training means that when employees are transferred throughout Safety-Kleen, prior training is readily transferable and overlap between training programs is minimized.

Centrally developing course materials also guarantees that all courses conform to the requirements of both the Regulatory Compliance Department and the Health & Safety Department. Since new regulations are enacted every day, both the Regulatory Compliance Department and the Health & Safety Department continually survey the legislature for regulatory changes that impact Laidlaw. As regulations are enacted that affect training, current courseware is revised to meet any changes or new courses are developed. The content of each regulatory course is reviewed and approved by the departments mentioned above before being released as a training module.

To reduce the cost of shipping, qualified instructors who receive courseware are responsible for the reproduction of the course materials for participants. Course materials can be easily downloaded from the Courses menu on the Lotus Notes S-K Corporate Training Department database.

In addition to courseware, the Training Department provides two types of training materials to supplement the regulatory compliance training program. First, the Training Department maintains a list of vendors who provide regulatory reference materials to accompany the regulatory classes. Please note that these reference materials must be ordered directly from the supplier.

The second type of training materials include videos, software, and books. Typically, these materials supplement classroom training but may also provide quick information about a particular subject. For example, in the course of working with you on a training related issue, a certain video and workbook might be of benefit to you in finding a useful solution. This would then be discussed and loaned to you for your review.

12/99

Safety-Kleen.

To: New S-K Employee

Re: New Employee Training Information

Welcome to Safety-Kleen. We are committed to providing you with the opportunity and conditions to work safely and grow with a dynamic organization. By having you attend our Training Center in Houston, we hope that you will make a commitment to prevent accidents affecting you and others. We want to ensure you safeguard our most important asset, YOU!

During your first week of employment you will be getting orientated to your new position with the company, performing relevant prerequisite interactive CD ROM training, and preparing for your Certified Drivers License, if needed.

CD Training

- CD training that is required for ***Hazardous Waste Operations*** certification includes:
  (Score of 80% required on each title)
  - Electrical Safety
  - Fire Safety
  - Hazard Communication
  - Hearing Protection
  - Industrial Ergonomics
  - Personal Protective Equipment
  - Respiratory Protection
  - Walking/Working Surfaces

- CD training that is required for ***Substance Abuse*** certification includes):
  (Score of 80% required on each title)

  U.S. Employee Versions
  - U.S. Employees
  - U.S. Drivers

  Canadian Employee Versions
  - Canadian Employees
  - Canadian Safety-Sensitive Employees

- CD training that is required for ***Hazardous Materials Transportation Skills*** certification includes (does not apply to Canadian locations):
  (Score of 70% required on each title)
  - Hazardous Materials Table
  - Shipping Papers
  - Packaging
  - Marking and Labeling
  - Placarding
  - Carrier Requirements (Highway)

After your satisfactory completion of the CD material, the course report card and applicable test scores (HMTS) must be printed, signed and faxed to the Training Center prior to class. This training certification is required before you attend training in Houston.

Houston Training Center

During your second week, you will be attending the Houston Training Center's program which will provide you with Company orientation, including a review of Company benefits, and hazardous waste operations training. Your expenses will be prepaid while you are at the Training Center. These prepaid expenses include: shuttle service to and from the airport, to the hotel and to the Training Center; a double occupancy hotel room; three daily meals (two hotel meals and one meal provided at the training center); training materials and supplies. If you desire additional hotel services, such as phone privileges or movies, a cash deposit or valid credit card will be requested during check-in by the hotel.

Accommodations

- Houston Training Center - 9431 Winkler, Houston, Texas 77017 (PH: 713/941-7400)

- Hotel - Radisson Hotel and Conference Center, 9100 Gulf Freeway, Houston, Texas 77017 (PH: 713/943-7979)

Attachment 4

New Employee Information Form

Employee Requirements (while attending the training program)

- You are required to follow "Safety-Kleen's Human Resources Policies, Rules, and Procedures" which was presented and signed by you as a part of your New Hire Package.
- You will be available for daily instruction beginning at 8:00 AM CST. A hotel shuttle service will provide transportation to the Training Center at 7:45 AM.
- You must be clean shaven to allow for a proper respiratory fit-test.
- Daily attire will be business casual (collared shirt, long pants in good repair, closed toed shoes in good repair). If you are involved in the last two days of 40 Hour Hazwoper (on Friday & Saturday), casual attire is recommended for these days.
- You are expected to be attentive and to participate during the training program.
- A single occupancy room may be requested on the registration form with management approval, however, the employee will be charged $24.00 per night for a single room upgrade at the time of check-in. Participants electing to deviate from the initial double-occupancy room reservation received by the hotel will be charged $48/night for a single room.

Disciplinary Action

You are expected to abide by Company Policy and Procedures relating to behavior and conduct. Any flagrant disregard of Company Policy and Procedures will result in disciplinary action. Any costs relating to the unfavorable actions will be charged back to you and/or your reporting facility.

Site Specific Training

Upon completion of the Houston training, you will return to your reporting facility and receive site specific regulatory training. Training will be conducted by qualified employees designated by facility management. This training will include requirements of Local, State, Federal, and Provincial regulations, if applicable.

I acknowledge, by my signature below, that I have read the above information. I also acknowledge that I clearly understand what is expected of me while attending training at the Houston Training Center.

Employee Signature _____ Date _____

Facility Management Signature _____ Date _____

A fax signed form must be provided to the Training Center before class attendance (Training Center - FAX: 713/941-7977)

Attachment 4

ATTACHMENT 9-2
BRANCH PERSONNEL JOB DESCRIPTIONS

BRANCH MANAGER

JOB DESCRIPTION

The Branch Manager has overall responsibility for the facility operations and maintenance, and directs sales activities within a certain geographic area defined by the Corporate Marketing Department. He or she is responsible for the proper operations and profitability of the service center. The branch manager also functions as the emergency coordinator.

REPORTS TO:

Regional Sales Manager

QUALIFICATIONS:

High school graduate (minimum) with Safety-Kleen sales experience. Applicant must exhibit excellent speaking and writing skills, leadership abilities, and must successfully complete the required testing procedure.

PRINCIPAL RESPONSIBILITIES:

1. Presents a proper example to all assigned personnel in regard to the Corporate Ethics Policy.

2. Plans, directs, and controls the activities of all assigned personnel.

3. Trains all branch administrative, management, and sales personnel.

4. Complies with all Company policies related to branch activities.

5. Provides for regular inspections of the facility, equipment, and records in compliance with Company and governmental regulations.

6. Represents Safety-Kleen in local community affairs and public relation activities.

7. Communicates with Corporate Compliance and Health and Safety Departments, and implements necessary actions or plans for regulatory compliance.

8. Functions as the primary Emergency Response Coordinator and delegates a secondary Emergency Response Coordinator in case of absence.

Typical Hazardous Waste Management Duties:

Assures the proper completion and administration of hazardous waste manifests and associated paperwork (land disposal restriction notices, operating log, waste analysis, and spill reporting)

Assures the proper management, preparation and shipment of hazardous waste (including packaging, labeling, placarding of vehicles, and transfer and storage procedures)

Maintains a current Emergency Response and Evacuation Plan

Conducts safety training and maintains records of such training

BRANCH SECRETARY

JOB DESCRIPTION

Performs administrative duties to assist management, sales representatives, and customers with billing, scheduling, general product information, and recordkeeping.

REPORTS TO:

Branch Manager

QUALIFICATIONS:

Attended high school.

PRINCIPAL RESPONSIBILITIES:

1. Maintains records in an orderly manner.

2. Assist sales representatives in scheduling services.

3. Insure that all hazardous waste manifests are complete, and manage distribution and filing of copies.

4. Maintain Personnel Training Record files.

5. Maintain Facility Inspection Records.

6. Answer customer inquiries.

7. Manage customer billing.

8. Perform other duties as assigned.

Typical Hazardous Waste Management Duties:

This position does not directly deal with hazardous waste and typical duties are primarily related to paperwork.

1. Manifest and associated paperwork preparation.

2. Label preparation.

3. Maintenance of waste inventory log.

4. The Branch Secretary may check container labels on hazardous waste containers stored in the facility's permitted storage areas or conduct or verify the facility inspection.

Branch Secretary

9. Prepare paperwork including manifests and land disposal restrictions (LDRs).

10. Clean-up minor spills and report major spills of hazardous waste.

11. Unload hazardous waste.

12. May conduct facility inspections.

Warehouseman/Material Handler

4. Clean-up minor spills and report major spills of hazardous waste.

5. May assist in the unloading of hazardous waste and the placement of solvent into the storage tank.

Automotive Sales and Service Representative

ATTACHMENT 10
CLOSURE PLAN

ATTACHMENT 10
CLOSURE PLAN

10.1 INTRODUCTION

Location address:

Safety-Kleen Systems, Inc. (7-008-21)

4210 A Hawkins Road

Farmington, New Mexico 87401

U.S. EPA I.D. NO: NMD 980698849

Waste Units to Undergo Closure:

1. Tank Storage - one 12,000-gallon above ground storage tank used to store used parts washer solvents and concrete dike area for secondary containment.

2. Drum Storage - an area of approximately 475 square feet with a storage capacity of 3,820 gallons and secondary containment of 382 gallons.

3. Return and Fill Station - This waste management unit is used to transfer wastes to the used parts washer solvent tank. It is sized to hold 175 gallons of waste.

The Farmington service center operates as a storage facility for hazardous wastes. The solid waste management units (SWMUs) shall be closed in accordance with the closure requirements of 20.4.1.500 NMAC (incorporating 40 CFR 264.110 through 40 CFR 264.115). Closure of the Facility shall be carried out in accordance with this plan. An itemized schedule and closure cost estimate are located in Attachment 10-1. The closure plan, as part of the Permit, shall be kept on site.

The Safety-Kleen corporate environmental department is responsible for revising, updating and distributing copies of the Closure Plan. Safety-Kleen will remove all hazardous wastes and residuals from the facility to a level that is protective of human health and the environment will therefore eliminate the need for further maintenance and care. The facility is expected to close in the year 2032.

At the beginning of closure, or before, the waste shall be removed and transported to disposal facilities using the same procedures and practices that are employed in Safety-Kleen's day-to-day business. A sampling plan listing the areas and

procedures to be used for testing the Facility during closure activities is included in this Permit Attachment.

10.2 PURPOSE

The Safety-Kleen Facility shall continue to be operated as long as it is deemed economically viable.

However, when the Facility is closed, there shall be no partial closures.

Safety-Kleen shall remediate any hazardous wastes from the Facility to a level that is protective of human health, the environment, and is approved by the Secretary. Upon completion of closure activities, the need for further maintenance will be minimized or eliminated.

Once all of the wastes are removed from the Facility, a soil gas survey or the latest proven technology being used at the time to detect organic substances shall be used. The survey shall be performed in the vicinity of the CSU, at specified areas below the concrete floor of the CSU, at the return and fill station, in the sumps, below the flammable storage locker, under the 12,000-gallon above ground storage tank, and any other areas where there is known to have been a spill of any organic solvent or hazardous waste.

In areas where corrosive wastes and products may have been stored, corings shall be done at several places in each storage area. A pH test shall be conducted on each concrete sample and the soil beneath it, to determine if further investigation is warranted. The pH shall be obtained by adding de-ionized water to the sample and the result shall be taken from the liquid. If a more current method of detecting corrosives is available at the time of closure, that method shall be used instead of the one described in the current paragraph.

Random sampling of soil for background levels in the surrounding area shall be conducted during the closure process in order to determine the action levels for pH. Sample procedures shall comply with the U.S. EPA's SW-846, *Test Methods for Evaluating Solid Waste - Physical and Chemical Methods*, and its updates. If the pH levels from any area are out of the background screening action range, further investigation shall be conducted. All survey samples shall be sent to a qualified contract laboratory with proper quality assurance/quality control (QA/QC) procedures in place available at time of closure of the Facility.

If the analysis of the samples described above reveals any areas of contamination, both the concrete and soil shall be excavated

in the area of concern, analyzed and disposed of in an appropriate manner and the area closed in place as a landfill if Safety-Kleen cannot clean-close the area.

When Safety-Kleen decides to close the Facility, notices shall be sent to generators employing Safety-Kleen's services to inform them of the pending discontinuation of receiving their waste and materials. The New Mexico Environment Department shall be informed at least 60 days prior to the date that final closure is expected to begin. All hazardous wastes shall be removed from the site within 90 days of receipt of the final volume of waste and the closure activities shall be completed within 180 days.

10.3 NOTIFICATION OF CLOSURE

Safety-Kleen will notify the Department in writing of any intent to close the facility. The Department will receive notification 45 days before Safety-Kleen begins full facility closure.

Safety-Kleen will submit the names of the contractor(s) who will clean and decommission the permitted units prior to commencing closure activities.

10.4 CLOSURE SCHEDULE

The following schedule is proposed for final closure of the Facility after receiving the final volume of hazardous wastes:

1. Removal of all remaining wastes to a treatment, storage, and disposal facility - (Days 0-90);

2. Soil gas survey, concrete coring, sampling and analysis performed - (Days 90-120);

3. Contingency for excavating, sampling, analyzing and removal of contaminated soil and concrete from site - (Days 120-170);

4. Site closure complete - (Day 180)

10.5 CERTIFICATION OF CLOSURE

A certification that the Facility has been closed shall be sent by registered mail or hand delivered to NMED within 60 days of the completion of final closure activities. The owner of Safety-Kleen and a professional engineer registered in the State of New Mexico shall sign the certification as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.115).

10.6 SURVEY PLAT

Safety-Kleen shall provide a survey plat of the Facility to all local zoning authorities acknowledging closure of the Facility as required by 20.4.1.500 NMAC (incorporating 40 CFR 264.116).

10.7 CLOSURE PLAN AMENDMENTS

If an amendment needs to be made to the current Closure Plan, Safety-Kleen shall submit a written notification or request to the Secretary for a permit modification. It should therefore be noted that the Sampling Plan presented below is only an example, because as operations within the Facility and testing procedures and requirements change, so shall Safety-Kleen's sampling plan through Permit Modifications, reflect these changes.

10.8 SAMPLING PLAN

The following is Safety-Kleen's Sampling and Analysis Plan (SAP) that shall be implemented during closure of the Facility. All sampling procedures shall follow EPA and NMED protocols incorporating SW-846 methods or equivalent methods approved by the Secretary to ensure proper handling of samples including proper QA/QC procedures.

10.8.1 Sampling Objectives:

One of the objectives of soil sampling at closure shall be to identify "hot spots" in the Facility that comprises the 12,000-gallon above ground storage tank, the return and fill station, the CSU, the flammable storage locker, and any other areas deemed necessary. Sampling shall determine if there is any contamination in the soil by the RCRA metals soil sampling results, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), and if the soil pH level is within the background standards. Background levels shall be determined by taking soil samples from near by areas that have not been impacted by the hazardous waste management, storage and related activities (e.g., loading/unloading) within 180 calendar days from the date the renewed Permit becomes effective.

10.8.2 Above ground Tank and Associated Piping

To safely clean and decontaminate the above ground storage tank (one 12,000-gallon used parts washer solvent tank), the following activities shall be performed during final closure (as appropriate):

1. Remove the remaining material from the tank and send the materials to a recycle center, reclaimer or other permitted treatment/disposal facility;

2. Provide access to the tank undergoing closure or decontamination;

3. Pressure wash with detergent solution, scrape, squeegee (if necessary) and triple rinse the tank interior, removing all residual waste material and rinsate;

4. Disconnect and decontaminate all appurtenant piping and pumping equipment;

5. Visually inspect the tank and appurtenant piping, equipment or underlying surfaces for evidence of leakage (i.e., staining and residue);

6. Remove tank, piping and appurtenant equipment for offsite reuse or sell as scrap. The tank may also remain onsite for reuse;

7. Transport and properly dispose or treat waste material generated (rinsate) during closure.

During closure of the tank system, Safety-Kleen shall remove or decontaminate waste residues, contaminated system components, contaminated soils, structures and equipment contaminated with waste, and manage these materials as hazardous waste, unless determined to be non-hazardous. The procedures for tank decontamination and final closure are described below.

10.8.3 Removal of Waste Material and Opening of the Tank

The contents of the tank will be removed using a pump, vacuum or similar equipment and then shipped to a recycle center, reclaimer or other permitted treatment/disposal facility. To gain access, the man way at the bottom of the tank will be used. Depending on the type of opening and the condition of the equipment, a variety of tools may be used to open the man way. Care will be exercised to minimize spark generation when working on the tank.

Storage tanks are considered confined spaces (i.e. spaces open or closed having a limited means of egress in which poisonous gases or flammable vapors might accumulate or an oxygen deficiency might occur), and confined space entry requires special procedures. Confined space entry will be conducted in accordance with 29 CFR 1910.146. Tank entry procedures will be specified in the site health and safety plan prepared for use during closure activities. In all cases, personnel performing closure

activities will have completed 40-hour OSHA hazardous waste training requirements (29 CFR 1910.120).

Prior to entering the tank, personnel will have appropriate protective respiratory equipment and clothing. Once the tank has been opened, it must be provided with positive ventilation. The tank will then be inspected to determine the approximate quantity and physical conditions of any residual waste material, as well as the integrity of the tank system.

Procedures for purging or venting tanks are described in API, RP1604 "Removal and Disposal of Used Petroleum Storage Tanks" and OSHA "Permit Required Confined Spaces" (29 CFR 1910.146). The contractor will monitor vapors to ensure the tank atmosphere has combustible gas concentrations of less than 10% of the lower explosive limit (LEL).

10.8.4 Removal of Residual Waste and Cleaning of Tank

The method used to remove the residual waste material from the tank will depend on the physical properties and quantities of that material. Prior to any person entering the tank, an effort will be made to remove as much liquid and sediment as possible (see section 10.8.3).

Subsequent to removing the majority of the material from the tank, the tank interior will be washed using a high-pressure wash system and a detergent-water solution to decontaminate the walls, roof, and floor of the tank. The tank interior will then be rinsed with tap water. The wash/rinse water will be collected and shipped to a recycle center, reclaimer or other permitted treatment/disposal facility. The quantity of wash/rinse water will be kept to a minimum to limit the amount of waste material.

Similar procedures will be implemented to remove residual wastes and decontaminate the tank piping and ancillary equipment. The piping will be decontaminated with a detergent-water solution, rinsed with tap water, and either reused or removed and cut into manageable sized pieces for disposal as scrap.

10.8.5 Cleaning and Decommissioning of the Tank, Piping and Ancillary Equipment

The following activities will be performed during final closure, after inspection and sealing (as needed) of the secondary containment:

1. After the contents of the tank have been removed, remove any remaining residual waste material from the

tanks. The method used to remove the residual material will depend on the characteristics of the material;

2. Visually inspect the tank after the waste material has been removed from the tank and document the results of the inspection;

3. Pressure wash with detergent solution, scrape, squeegee (if necessary) and triple rinse the tank interior, removing all residual waste material and wash/rinse water. The wash/rinse water will be collected and shipped to a recycle center, reclaimer, or other permitted treatment/disposal facility. The quantity of wash fluid used will be kept to a minimum in order to limit the amount of waste material;

4. Disconnect and decontaminate all appurtenant piping and pumping equipment;

5. Visually inspect appurtenant piping, equipment or underlying surfaces for evidence of leakage (i.e. staining and residue) and document the results of the inspection. The piping will be decontaminated with a detergent-water solution, rinsed with tap water, and either reused or removed and cut into manageable sized pieces for disposal as scrap;

6. Remove tank, piping and appurtenant equipment for off site reuse or sell as scrap. The tank may also remain onsite for reuse after decontamination;

7. Transport and dispose of all waste material generated during the project.

10.8.6 Removal of the Tank

Following removal of wastes and decontamination activities, the tank may be reused onsite or at an offsite location, or scrapped. If the tank is to be transported offsite or scrapped, the following procedures will be observed to safely remove the tank:

1. Disconnect all appurtenant piping.

2. Disconnect all appurtenant pumping equipment.

3. If the tank is to be scrapped, the tanks and equipment will be removed and recycled in accordance with 20.4.1.200 NMAC (incorporating 40 CFR 261.1(c)(6) and (7). The contractor or scrap metal facility will provide verification of tank destruction.

4. If the tank is to be reused following decontamination, the final rinsate will be sampled. The rinsate sample will be analyzed for volatile and semi-volatile organic compounds. If the total volatile organic compound concentration is less than 1mg/L, the tank will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed.

10.8.7 Tank Containment Area Decontamination

The secondary containment area may be left in place after decontamination or removed. The following procedures will be used to decontaminate the containment area if it is to be left in place or removed.

An independent Professional Engineer will inspect the containment area dike and slab for the presence of cracks, fissures, missing seals, etc. If lapses of integrity are noted by the Engineer and determined to have the potential for wastes to migrate to underlying soils and/or groundwater, soil samples will be collected in accordance with the procedures discussed in this Closure Plan after decontamination is completed.

Visible cracks or gaps in the containment (if present) shall be sealed prior to commencement of cleaning to prevent migration of rinse water outside of the containment area. The containment area will be washed using a non-phosphate detergent/water solution and high-pressure spray. Prior to pressure washing, the containment area surfaces will be sprayed with a non-phosphate detergent/water solution and scrubbed with a stiff-bristle broom. Areas with staining or scale will be scrubbed and/or scraped to remove residue to the extent practicable.

A high-temperature pressure washer unit will be used to perform the final decontamination activities. Following the final wash, the area will be triple rinsed with tap water. A sample of the tap water and a sample of the final rinse will be collected and analyzed for constituents representative of waste codes permitted for specific unit. Both the tap water and the rinse sample will be analyzed for volatile organic compounds (VOCs). The VOC concentration of the final rinse and the tap water sample will be compared to ensure that the concentrations of any VOCs detected in the rinse sample actually result from the area cleaned.

If the containment area is to remain in place at closure, a sample of the final rinsate will be collected and analyzed for VOCs. If total VOC concentrations are less than 1 mg/L, the containment area will be considered properly decontaminated. If

total VOCs are detected above 1 mg/L, the containment area will be re-cleaned and sampled.

The wash/rinse water will be shipped to a recycle center, reclaimer or other permitted treatment/disposal facility. The quantity of wash/rinse water will be kept to a minimum to limit the amount of waste material.

If the containment area will be removed at closure, a rinsate sample will not be collected. The diked walls and concrete slab will then be excavated, loaded and transported for disposal at a concrete recycler (or similar) for disposal. The excavated area shall be filled with clean backfill if necessary and graded to match ground level.

10.9 CONTAINER STORAGE AREA

The container storage area is used for the storage of containers of used immersion cleaner, dry cleaning waste, aqueous cleaning solvents, dumpster sediment and other non-regulated wastes or products. The flammable storage area is used for storage of flammable materials for which Safety-Kleen is a transporter only (paint and solvent, for example). At closure, all the contents of the containers will be removed and transported to an appropriate permitted hazardous waste management facility after proper packaging, labeling and manifesting.

The concrete floor and containment trenches of the container storage area will be high-pressure cleaned with a detergent-water solution and triple rinsed with tap water. The final rinse will be sampled and analyzed for volatile organic compounds (VOCs) to determine the effectiveness of the cleaning. If the VOC level is less than 1 mg/L, the container storage area will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed. All rinse wastes from the container storage area closure process will be reclaimed or properly treated at a permitted facility.

10.9.1 Concrete Floors

Any concrete stains that appear to indicate surface contamination shall be removed utilizing the best available technology at the time (bioremediation, scraping, or washing the floor). If the contamination cannot be removed, the concrete shall be analyzed for the following constituents or using equivalent methods approved by the Secretary:

1. Total Metals, using EPA Methods 1311, 200 series and 6000 series;

2. Volatiles, by EPA Method 8260B;

3. PCBs, using EPA Method 8082; and

4. pH using EPA Method 9045C.

If analytical results reveal that portions of the concrete are contaminated, the concrete shall be removed utilizing the best available technology at the time. The concrete shall be disposed of at an appropriate TSDF. The amount of concrete to be removed shall be determined by the grid sampling performed. If the sample in a certain grid is found to be contaminated, all the concrete in that grid shall be removed.

Following decontamination of the CSU, an independent registered Professional Engineer will inspect the area. The inspection will document any potential lapses of integrity that may have allowed potential migration of wastes outside the containment area. In the absence of any waste related staining and/or lapses of integrity, further evaluation of the potential for wastes to impact human health or the environment will not be necessary.

10.9.2 Soils under the Concrete Floor

If soil sampling is necessary as required by Section 10.11, soils that are determined to be contaminated with hazardous waste shall be removed by the best available technology. Confirmation samples shall be taken from each excavated area and analyzed for the following parameters or using equivalent methods approved by the Secretary:

1. Total Metals, using EPA Methods 1311, 200 series and 6000 series;

2. Volatiles, by EPA Method 8260B;

3. pH, by EPA Method 9045C.

4. PCBs, EPA Method 8082

Soils that are determined to be contaminated shall be removed and disposed of at an appropriate TSDF or remediated utilizing the best available on-site technology.

10.9.3 Surrounding Soils

Safety-Kleen shall obtain background samples from the surrounding area that has not been impacted by hazardous waste storage activities, to establish screening action levels for selected contaminants within 180 calendar days from the effective date of this Permit. If during closure the samples from the Facility are

out of the ranges established, further investigation shall be done. During closure, Safety-Kleen shall perform a gas survey on the remaining portions of the Facility. The area within the fence line shall be divided into grids. The gas survey shall show any volatile and semi-volatile contamination. Safety-Kleen shall retrieve several composite samples to perform analytical data.

10.9.4 Flammable Storage Area

The metal flammable storage area will be high-pressure cleaned with a detergent-water solution and triple rinsed with tap water. The final rinse will be sampled and analyzed for volatile organic compounds to determine the effectiveness of the cleaning. If the total volatile organic compound level is less than 1 mg/L, the flammable storage area will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed. All rinse wastes from the container storage area closure process will be reclaimed or properly treated at a permitted facility.

10.9.5 Analytical Data/Results

Safety-Kleen shall submit the results of all analyses performed under this sample Closure Plan to NMED for evaluation and final determination on the closure of the Facility.

10.10 SOLVENT RETURN AND FILL STATION

The return and fill station is used to collect and return the used solvents to the waste storage tank and to dispense clean solvents into containers. At closure, the sediment in the drum washer/dumpster will be removed, containerized, labeled, and manifested for proper treatment and/or disposal through a Safety-Kleen Recycling Center, reclaimer or other treatment/disposal facility.

The drum washer(s), containment area, the dock structure and the metal secondary containment area will be washed with a detergent solution and rinsed. The rinse may either be discharged through the appurtenant piping system into the storage tank (prior to cleaning and removing the storage tank), or contained within separate containers, vacuum truck or other appropriate storage device. The piping and equipment decontamination activities may also be disconnected and individually cleaned within the return and fill station's metal secondary containment unit.

If the return and fill dock structure or drum washers will be reused, a sample will be collected of the final rinsate. If the return and fill station and/or components will be scrapped during

closure, rinsate samples will not be collected. The concrete containment slab and curbing will also be decontaminated with a detergent-water solution, high-pressure spray and triple rinsed with tap water. A sample will be collected of the final rinsate. The rinsate sample(s) will be analyzed for volatile organic compounds. If the total volatile organic compound concentration is less than 1 mg/L, the components will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed.

Following decontamination of the equipment, the metal containment area will be decontaminated. Wash and rinse water will be collected from the within the containment area and containerized. Wastes generated during closure of the return and fill structure will be transported to a permitted hazardous waste facility.

The clean dumpster/drum washers and dock structure will be staged for reuse or scrapped. If the return and fill dock structure or drum washers will be reused, a sample will be collected of the final rinse. If the return and fill station and/or components will be scrapped during closure, rinse samples will not be collected. If the total VOCs concentration is less than 1 mg/L, the components will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed.

10.11 SOIL SAMPLING

If the results of the SWMU inspections indicate a lapse of integrity in any of the secondary containment systems, or if any releases to the surrounding soils occurred that may have allowed the potential for waste to migrate to underlying soils, a detailed soil sampling program as approved by the Secretary shall be initiated in those potentially effected areas.

If lapses of integrity are found that may have allowed wastes to migrate to underlying soils, soil samples shall be collected every 5 feet along the length of an identified crack or gap or from immediately beneath the areas identified by an independent registered Professional Engineer. If the tank secondary containment is removed, soil samples will be collected from areas that exhibit waste-related staining if present.

If the inspection indicates no lapses of integrity, confirmatory soil samples shall be collected in accordance with the following closure soil sampling locations in the Facility to ensure no contamination has migrated to the surrounding soils.

1. Tank Area: A minimum of two soil samples will be collected from beneath the tank farm concrete containment. One soil sample will be collected from the

lowest point of the concrete containment (i.e., sump or trench). The second soil sample will be collected from beneath the concrete near the opposite corner or quadrant of the containment;

2. Return and Fill: A minimum of two soil samples will be collected from beneath the return/fill station containment area. One soil sample will be collected from the lowest point (sump) and one sample will be collected under the drum washer unit. A New Mexico registered professional engineer shall select the actual sample locations;

3. Container/Drum Storage Area: A minimum of two soil samples will be collected from the container storage area. A New Mexico registered professional engineer shall select the sample locations;

4. Flammable Storage Shed: One soil sample will be collected under the flammable storage area. A New Mexico registered professional engineer shall select sample locations.

If determined to be necessary based on the inspections of the SWMUs, soil samples shall be collected from immediately beneath the concrete slab or CSU. Soil samples shall be analyzed for VOCs and RCRA metals in accordance with SW-846. If hazardous constituents are detected, the concentrations may be compared to appropriate risk-based screening levels to determine whether the SWMU(s) may be closed.

A coring device or jackhammer shall be used to remove concrete and expose underlying soil. Soil samples will be obtained with a hand auger or other appropriate sampler lined with stainless steel or brass sleeves. The soil samples will be retrieved from immediately below the bottom of the concrete to a depth of approximately six inches, using the procedures outlined in ASTM D 1452-80 "Standard Practice for Soil Investigation and Sampling by Auger Borings" or equivalent. Hand auger and equipment used for sample collection will be decontaminated prior to and between sampling events. The decontamination/rinse water will be collected, managed as a hazardous waste and transported off-site for disposal at a permitted waste management facility.

The soil samples collected will be analyzed for constituents that are at a minimum, representative of the waste codes for which the units were permitted.

Analytical results from soil sampling will be forwarded to NMED. The analytical results from the soil samples will be compared to

appropriate closure criteria and background date. Should the analytical results verify that no constituents were detected at levels above appropriate closure criteria, a Closure Certification Report will be submitted at the conclusion of the closure activities. If the analytical results of investigative samples exceed appropriate closure criteria, Safety-Kleen will prepare a remedial action plan/closure plan amendment to determine the extent of subsurface impacts. Subsequent remedial action plan/closure plan amendments will address a plan to remediate subsurface impacts to levels that are protective of human health and the environment, thereby achieving clean closure. A risk assessment may also be performed to further evaluate the analytical results and need for additional remediation to achieve clean or risk-based closure. If performed, the risk will be conducted according to EPA guidance. The risk assessment results will be used to develop alternate clean closure objectives with NMED.

10.12 FACILITY CLOSURE SCHEDULE AND CERTIFICATION

Within 90 days of receiving the final volume of hazardous wastes, Safety-Kleen shall remove all hazardous wastes from the site in accordance with the approved closure plan. The Secretary may approve a longer period if Safety-Kleen demonstrates that the activities required to comply with this paragraph will, of necessity, take longer than 90 days to complete or the following requirements are met:

1. The facility has the capacity to receive additional wastes;

2. There is a likelihood that a person other than Safety-Kleen will recommence operation of the site; and/or

3. Closure of the facility is incompatible with continued operation of the site. In this case, Safety-Kleen will take all steps necessary to prevent threats to human health and the environment.

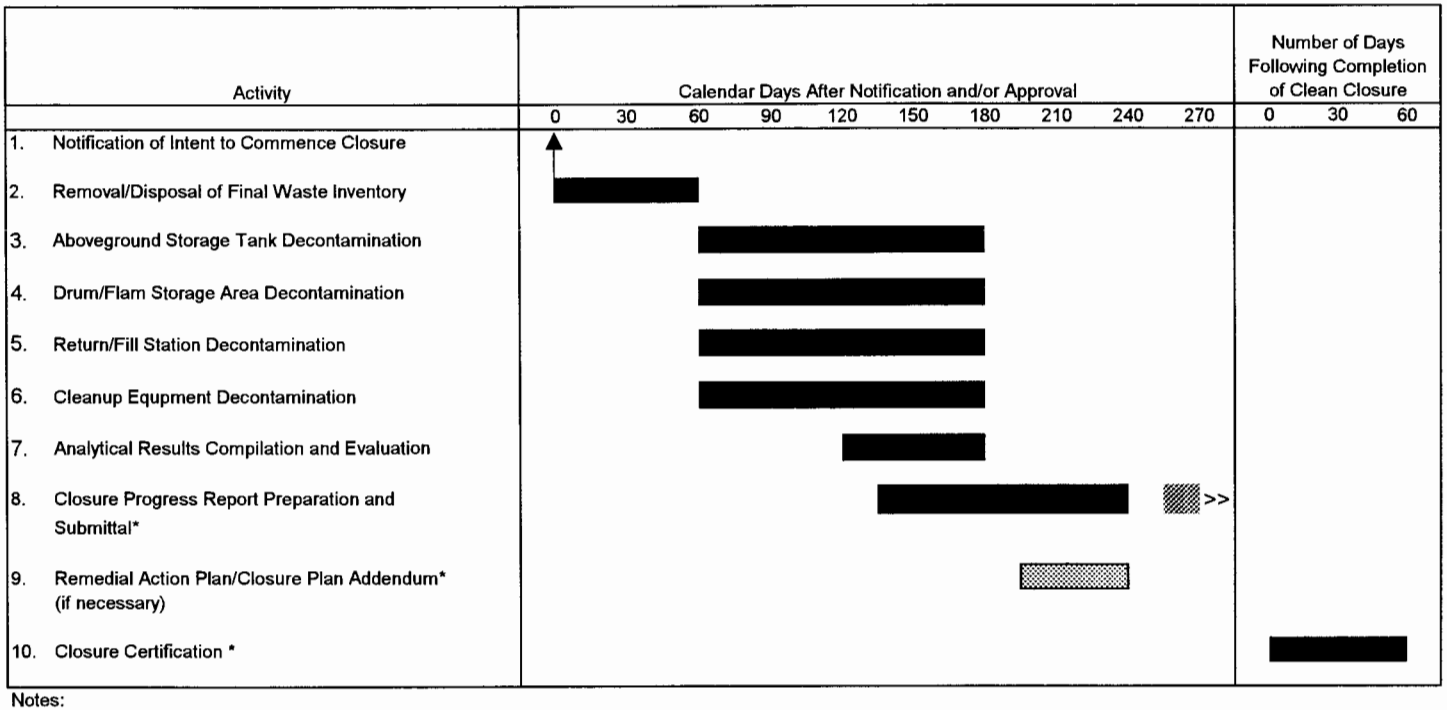
Safety-Kleen shall complete closure activities in accordance with the approved closure plan and within 180 days after receiving the final volume of wastes. When closure is completed, Safety-Kleen shall submit to NMED certification, both by the operator and by an independent New Mexico registered professional engineer, that the facility has been closed in accordance with the approved closure plan and 20.4.1.500 NMAC (incorporating 40 CFR 264.115).

10.13 POST-CLOSURE CARE PLAN

Based upon Safety-Kleen's procedures, continuous monitoring and policies that are in place, including the fact that any spills or leaks be cleaned up at the time of the incident, there is anticipated to be a very minimal post-closure care period. Upon completion of closure activities at the Facility, Safety-Kleen shall present a certification of Closure to the Secretary. After complete closure of the Facility, subsequent use of the property shall be for non hazardous waste warehouse operations.

In the event that contamination cannot be removed, or the clean up standards cannot be met, Safety-Kleen will submit an amendment to the closure plan to include a post-closure plan. The post-closure plan will be submitted within 90 days of the determination that contamination cannot be removed or clean up standards cannot be met

ATTACHMENT 10-1
CLOSURE SCHEDULE AND ESTIMATED CLOSURE COSTS



Notes:

>>> Indicates that this activity continues until certification of "clean closure."

Indicates an optional activity based on the closure analytical results.

* If no impacts are detected during the decontamination activities, closure certification will be submitted within 60 days of the completion of closure activities.

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
1. PROJECT COORDINATION AND SCHEDULING				
Prime Contractor Costs				
- Coordinate activities with subcontractor prior to implementing closure	Project Manager	$82	4	$328
- Coordinate scope and schedule of project activities with owner/operator, decontamination contractor, regulatory agencies and analytical lab	Project Manager	$82	2	$164
- Review facility permit and closure plan	Project Engineer	$82	2	$164
	Field Supervisor	$58	2	$116
- Prepare project/site specific Health and Safety Plan	Health/Safety Specialist	$82	6	$492
- Prepare project activity and project status reports	Project Manager	$82	2	$164
- Prepare notification letters to appropriate State agencies	Project Manager	$82	2	$164
- Office Expenses		$100	1	$100
- Miscellaneous Expenses		$100	1	$100
Activity 1. Subtotal				$1,792

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
2. MOBILIZE TO SITE AND PREPARE FOR CLOSURE				
Assumptions				
- Waste mineral spirits tank is full (12,000 gallons)				
- Permitted capacity of CSAs (3,820 gallons) in 70 55 gallon drums				
- Generator knowledge and manifests used for disposal/treatment of waste mineral spirits and drummed wastes				
- Cost for one waste characterization sample included for unknown waste as a conservative assumption				
Prime Contractor Costs				
- Project Management and Supervision and participate in on-site coordination meeting with owner/operator and subcontractors	Project Manager/Engineer	$82	4	$328
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
	Travel	$650	LS	$650
- Supervise waste loading activities	Field Supervisor	$58	8	$464
- Collect representative waste characterization sample of drummed waste	Vehicle (per day)	$50	1	$50
	Per diem	$100	1	$100
	Travel	$650	LS	$650
Subcontractor Costs				
- Subcontractor mobilization		$8,500	LS	$9,350
- Transfer tank contents to tankers	Labor/equipment/expenses	$1,000	LS	$1,100
- Transport waste mineral spirits to a TSD for treatment/disposal				
Assumes 2 tanker trailers required to remove 12,000 gallons				
Estimated Tanker Trailer Cost = $51.22/hr				
Estimated Driver Cost = $29.71/hr				
Estimated mileage/drive time (884 miles x 18 hours/trip)	Labor/equipment/drive time	$1,457	2	$3,205
Estimated disposal/treatment cost (per gallon)	TSD	$1.01	12000	$12,120
- Transfer drums in CSA to trucks	Labor/equipment/expenses	$1,000	LS	$1,100
- Transport drums to TSD for Treatment/Disposal				
Assumes 2 trucks to transport 70 drums				
Estimated Box Trailer Cost = $51.22/hr				
Estimated Driver Cost = $29.71/hr				
Estimated mileage/drive time (884 miles = 18 hours per trip)	Labor/equipment/drive time	$1,457	2	$2,914
Estimated disposal/treatment cost (per drum)	TSD	$106	114	$12,084
(+ 32 drums of transfer waste in flammable storage shed)				
Laboratory Subcontractor Costs				
- Waste characterization sample analysis		$320	1	$352
Waste characterization analysis to consist of TCLP VOCs, SVOCs (excluding pesticides/herbicides) and metals				
Activity 2. Subtotal				$44,542

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
3. STORAGE TANK/CONTAINMENT AREA DECONTAMINATION AND TANK REMOVAL				
Assumptions:				
- The tank, piping and appurtenant equipment are removed and scrapped				
- Rinsate sampling is not necessary because the tank will be scrapped				
- 1 day to decontaminate AST, 1 day to decontaminate containment and 1 day to remove and scrap AST (3 days total)				
- Containment area decontaminated and remains in place following closure				
- No lapses of integrity found during the inspection of the containment area				
Prime Contractor Costs				
- Project Management and Supervision	Project Manager/Engineer	$82	4	$328
- Conduct Integrity Inspection of Containment Area (NM P.E. or designee)	Project Manager/Engineer	$82	4	$328
	Vehicle (per day)	$50	1	$50
	Per diem	$100	1	$100
- Supervise Storage Tank Decontamination and Removal Activities	Field Supervisor	$58	16	$928
	Vehicle (per day)	$50	2	$100
	Per diem	$100	2	$200
- Supervise Containment Area Decontamination	Field Supervisor	$58	8	$464
	Vehicle (per day)	$50	1	$50
	Per diem	$100	1	$100
- Collect sample of final rinsate from containment area and submit samples for laboratory analysis	Field Supervisor	$58	4	$232
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
	Sample supplies/shipping	$150	LS	$150
Subcontractor Costs				
- Disconnect electrical appurtenances	Labor/equipment	$350	LS	$385
- Decontaminate waste AST, piping and appurtenant equipment	Labor/equipment/expenses	$2,500	LS	$2,750
Wash/triple rinse tank with high pressure spray				
Remove wash/rinse water, containerize in drums				
Cost for transportation and wash water disposal included in activity 7 below				
Subcontractor cost includes all necessary equipment, safety equipment, PPE and labor to complete activity tasks				
- Decontaminate Tank Containment Area	Labor/equipment/expenses	$900	LS	$990
Wash/triple rinse tank with high pressure spray				
Remove wash/rinse water, containerize in drums				
Cost for transportation and wash water disposal included in activity 7 below				
Subcontractor cost includes all necessary equipment, safety equipment, PPE and labor to complete activity tasks				
- Transport and Demolish AST	Labor/equipment/expenses	$2,500	LS	$2,750
Laboratory Subcontractor Costs				
- Analyze 1 rinsate sample from containment area for VOCs	VOCs @ $100/sample	$100	1	$110
Activity 3. Subtotal				$10,090
4. DECONTAMINATE AND DEMOLISH THE RETURN/FILL STATION				
Assumptions:				

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
- Washing shall consist of washing with detergent/water solution and rinsing with high-pressure spray - The R/F (with the exception of the drum washer) shall be scrapped - Drum washer shall be removed from the R/F and staged within the warehouse - Rinsate samples required for drum washer (1) for VOCs - Includes decontamination of metal containment pans and disposal as scrap metal - Cost for recycling return/fill station components as scrap metal included with the waste AST in Activity 3 above. - No lapses of integrity found during the inspection of the containment area				
Prime Contractor Costs				
- Supervise and document removal of residual sludges (if necessary) from the drum washer and	Field Supervisor	$58	6	$348
	Vehicle (per day)	$50	1	$50
- Supervise washing of R/F Station and associated components (i.e. piping, pumps, and appurtenances)	Per diem	$100	1	$100
- Document removal of R/F Station (except for drum washer) and and coordinate with demolition contractor to provide certificate of destruction	Field Supervisor	$58	8	$464
	Vehicle (per day)	$50	1	$50
	Per diem	$100	1	$100
- Conduct integrity inspection of containment (NM PE or designate)	Project Manager/Engineer	$82	4	$328
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
- Collect rinsate samples from drum washer for analysis of VOCs	Field Supervisor	$58	3	$174
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
	Sample supplies/shipping	$150	LS	$150
Subcontractor Costs				
- Remove residual sludge from drum washer, decontaminate drum washers, grating, containment and structure	Labor/equipment/expenses	$2,500	LS	$2,750
Assumes decontamination with detergent/water solution, and scrubbing with brooms, mops, etc., and rinsing with high pressure spray. Wash/rinse water containerized and transferred to drums Cost for transportation and disposal of drums included in Activity 7 below.				
Laboratory Subcontractor Costs				
- Analyze 1 rinsate samples from return/fill station (drum washers) for VO	VOCs @ $100/sample	$100	1	$110
Activity 4. Subtotal				$4,774

5. DECONTAMINATE ONE CONTAINER STORAGE AREA

Assumptions:
- Assumes CSA is approximately 13.5 x 14 = 189 sq. ft with typical containment trench and curbing
- Decontamination shall consist of washing with a detergent water solution and rinsing with a high-pressure spray
- CSA to remain in-place following closure
- Decontamination of CSA includes floor, curbing and containment trenches, and requires approximately 1/2 day

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
- No lapses of integrity found during the inspection of the containment area				
Prime Contractor Costs				
- Inspect the floor of CSA for cracks, gaps, or other potential lapses of integrity (ID P.E. or designee)	Project Manager/Engineer	$82	2	$164
- Fill cracks and gaps (if necessary) prior to implementing decontamination activities	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
- Supervise and document decontamination of CSAs	Field Supervisor	$58	2	$116
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
- Collect sample of final rinsate from CSA and submit for laboratory analysis	Field Supervisor	$58	1	$58
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
	Sample supplies/shipping	$150	LS	$150
Subcontractor Costs				
- Decontaminate 1 container storage area	Labor/equipment/expenses	$500	LS	$550
Assumes decontamination with detergent/water solution, and scrubbing with brooms, mops, etc., and rinsing with high pressure spray. Wash/rinse water containerized and transferred to drums Cost for transportation and disposal of drums included in Activity 7 below.				
Laboratory Subcontractor Costs				
- Analyze 1 rinsate sample from CSA for VOCs	VOCs @ $100/sample	$100	1	$110
Activity 5. Subtotal				$1,373

6. DECONTAMINATE ONE FLAMMABLE STORAGE SHELTER

Assumptions:
- Flammable Storage Shelter constructed similar to Return/Fill structure
- Decontamination shall consist of washing with a detergent water solution and rinsing with a high-pressure spray
- Flammable Storage Shelter to remain in-place following closure
- Decontamination of shelter includes elevated grating, and metal containment pans requires approximately 1/2 day
- No lapses of integrity found during the inspection of the containment area

Prime Contractor Costs

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
- Inspect containment for gaps or other potential lapses of integrity (NM P.E. or designee)	Project Manager/Engineer	$82	2	$164
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
- Supervise and document decontamination of flammable storage shelter	Field Supervisor	$58	2	$116
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
- Collect sample of final rinsate from shelter and submit for laboratory analysis	Field Supervisor	$58	1	$58
	Vehicle (per day)	$50	0.5	$25
	Per diem	$100	0.5	$50
	Sample supplies/shipping	$150	LS	$150
Subcontractor Costs				
- Decontaminate 1 flammable storage shelter	Labor/equipment/expenses	$500	LS	$550
Assumes decontamination with detergent/water solution, and scrubbing with brooms, mops, etc., and rinsing with high pressure spray. Wash/rinse water containerized and transferred to drums Cost for transportation and disposal of drums included in Activity 7 below.				
Laboratory Subcontractor Costs				
- Analyze 1 rinsate sample from flammable shelter (containment) for VOC	VOCs @ $100/sample	$100	1	$110
Activity Subtotal				$2,746
7. COLLECT SOIL SAMPLES FROM PERMITTED UNITS				
Assumptions:				
- No lapses of integrity noted by Registered Engineer				
- Soil Samples collected with hand auger, jack hammer or coring device				
Prime Contractor Costs				
- Coordinate sample collection with field personnel and laboratory	Project Manager/Engineer	$82	2	$164
- Collect soil samples (7 total)	Field Supervisor	$58	8	$464
(two under ASTs, two under CSA, two under R&F, one under Flam Shed)	Vehicle (per day)	$50	1.0	$50
	Per diem	$100	1.0	$100
Subcontractor Costs				
- Laboratory Costs for Analysis of 6 Soil Samples (VOCs, SVOCs and RCRA Metals)	Labor/equipment/expenses	$410	7	$2,870
Activity 7. Subtotal				$3,648
8. CONTAINERIZE, STAGE, TRANSPORT AND DISPOSE OF DECONTAMINATION WASTES				
Assumptions:				
- 1,000 gallons wash water generated from decontamination of return/fill station and waste AST (including residual sludge) = 19 drums				
- 75 gallons sludge removed from drum washers = 2 drums				
- 250 gallons of wash water generated from decontamination of CSA = 5 drums				
- 250 gallons of wash water generated from decontamination of flammable storage shelter = 5 drums				
- PPE, plastic sheeting, consumables contained in 5 drums				
- 21 mineral spirits wash water drums, 5 CSA wash water drums, 5 flammable storage shelter drums and 5 misc. = 36 drums total				
- Waste characterization samples not necessary for wash/water disposal; disposed as waste mineral spirits and/or waste codes associated with CSA and paint waste shelter				
Prime Contractor Costs				
- Ensure drums are properly labeled, coordinate pick up and disposal	Project Manager/Engineer	$82	4	$328
	Vehicle (per day)	$50	0.5	$25

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
	Per diem	$100	0.5	$50
- Purchase 36 55-gallon drums	Drums @ $35 each	$35	36	$1,260
Subcontractor Costs				
- Transfer drums in CSA to trucks	Labor/equipment/expenses	$500	LS	$550
- Transport drums to TSD for Treatment/Disposal				
Assumes 1 truck to transport 36 drums				
Estimated Box Trailer Cost = $51.22/hr				
Estimated Driver Cost = $29.71/hr				
Estimated mileage/drive time (884 miles = 18 hours per trip)	Labor/equipment/drive time	$1,457	1	$1,457
Estimated disposal/treatment cost/drum for mineral spirits wash w	TSD (based on $0.85/gallon)	$47	21	$982
Estimated disposal/treatment cost/drum for CSA wash water and	TSD	$106	15	$1,590
Activity 8. Subtotal				$6,242
9. CLOSURE CERTIFICATION REPORT				
Assumptions:				
- Closure certification report signed by an New Mexico-Registered P.E. and owner/operator				
- Confirmation rinsate meet closure criteria				
Prime Contractor Costs				
- Compile field notes and photographs	Project Manager/Engineer	$82	2	$164
	Field Supervisor	$58	4	$232
- Review and compile rinsate and soil data into summary tables	Project Manager/Engineer	$82	12	$984
- Prepare closure certification statement	Project Manager/Engineer	$82	2	$164

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Systems, Inc. Service Center, 4210 A Hawkins Road, Farmington, New Mexico (9/02)

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal (Includes 10% Markup for Subcontractors)
- Summarize closure procedures, activities and results in a brief report	Project Manager/Engineer	$82	16	$1,312
- Office Expenses	Drafting/Clerical	$400	1	$400
- Miscellaneous Expenses	Copying/Postage	$100	1	$100
Activity 9. Subtotal				$3,356

COST ESTIMATE ACTIVITIES SUMMARY	
1. PROJECT COORDINATION AND SCHEDULING	$1,792
2. MOBILIZE TO SITE AND PREPARE FOR CLOSURE	$44,542
3. STORAGE TANK/CONTAINMENT AREA DECONTAMINATION AND TANK REMOVAL	$10,090
4. DECONTAMINATE AND DEMOLISH THE RETURN/FILL STATION	$4,774
5. DECONTAMINATE ONE CONTAINER STORAGE AREA	$1,373
6. DECONTAMINATE ONE FLAMMABLE STORAGE SHELTER	$2,746
7. SOIL SAMPLING	$3,648
8. CONTAINERIZE, STAGE, TRANSPORT AND DISPOSE OF DECONTAMINATION WASTES	$6,242
9. CLOSURE CERTIFICATION REPORT	$3,356
TOTAL CLOSURE COST ESTIMATE	$78,563

Notes:

- Prime Contractor labor rates and expenses are actual 2002 rates charged by S-K subcontractor
- Prime Contractor labor rates include overhead and profit
- Assumes mobilization of project manager/engineer and field supervisor to oversee closure activities. Prime contractor travel included in Activity 2
- Per diem includes lodging ($75/night) and meals ($25/day)
- Subcontractor Rate for decontamination activities provided by Environmental Contractor located in Glenwood, Iowa
- Laboratory Subcontractor Rate Obtained From STL, Denver Schedule of Charges
- Subcontractor rates or prices include each subcontractors own overhead and profit markup
- Subcontractor prices include lodging and per diem for crew, and necessary equipment to perform the specified tasks in each activity
- Unit Cost for Truck with Trailer and Driver obtained from RS Means Environmental Remediation Cost Data, 7th Edition 2001, (COETI) 1truck $38.86 + trailer $15.63 = $54.49 x location factor (0.94) = $51.22. Unit Cost for Driver = $23.95 x location factor 0.94 = $22.51 + 10% profit + 20% overhead = $29.71
- Distance from Farmington to Reedly, CA obtained from MapQuest (est. 885 miles and 16 hrs 35 min drive time). Drive time increased to 18 hours per trip to account for Port of Entry delays
- A 10% markup was applied to subcontractor prices, excluding waste disposal, which is being managed through a Safety-Kleen Recycle Center
- Waste mineral spirits disposal/treatment unit cost obtained from Safety-Kleen, Reedly Recycle Center. Assumes waste is transported by tanker truck to Reedly, CA. The price for disposal includes transportation of the waste from the Reedly Recycle Center to Clarksville, MO for treatment/disposal. The TSD unit cost in Activity 3 and Activity 8 includes transportation, treatment and disposal of mineral spirits waste.
- Drummed waste disposal/treatment unit cost obtained from Environmental Technology Council, Commercial Incinerator Prices January 2002, and includes a conservative estimate of the average cost for drummed non-halogen liquid.

ATTACHMENT 11
CORRECTIVE ACTION UNITS

ATTACHMENT 11
CORRECTIVE ACTION UNITS

11.1 INTRODUCTION

There are three (3) Corrective Action Management Units or Areas of Concern (AOCs) at the Safety-Kleen Farmington Facility. These include the Container Storage Unit (CSU), the 12,000-gallon above ground spent solvent storage tank, and the return and fill station which are described in the following paragraphs. The Site Plan located in Attachment 1-1 shows the location of the subject Areas of Concern.

11.1.1 Container Storage Unit

This area comprises an area of approximately 475 square feet. The CSU is used for the storage of spent immersion cleaner, dry cleaning wastes, paint waste, photo imaging waste, and aqueous parts washer solvent. Non-hazardous material, wastes that are not regulated under RCRA (including transfer wastes), and Safety-Kleen products may also be stored in this area. The wastes stored in the CSU are not handled while on site, are segregated, and are labeled to indicate their contents.

The container storage unit is also equipped with secondary containment sized to contain 10% of the volume of containers in accordance with 20.4.1.500 NMAC (incorporating 40 CFR 264.175(b)(3)).

There has been no release of hazardous materials or wastes to report.

11.1.2 12,000-Gallon Spent Solvent Storage Tank/ Return and Fill Station

The 12,000-gallon above ground spent solvent storage tank is 10'6" in diameter and 19' high. It is constructed of 3/16" thick (1/4" thick in the lower third of the tank) carbon steel painted white to reflect sunlight.

The 12,000-gallon spent solvent tank is located within the secondary containment area. The secondary containment area for the tank consists of a monolithically poured slab and concrete block dike wall with steel reinforced cement. The secondary containment area measures 37 feet by 22 feet by 3 feet and is sized to contain 18,266 gallons. The slab is 6 inches thick and the walls are eight inches thick.

The spent solvent storage tank is equipped with an audible siren and visual strobe light high level alarm system which will alert personnel when the tank is 600 gallons (95%) from being full.

11.1.3 Return and Fill Station

Ancillary equipment to the spent solvent storage tank includes a return and fill station containing an enclosed drum washer/dumpster into which the contents of a drum of used solvent is emptied. A maximum volume of 375 gallons is retained in the drum/washer dumpster. The return and fill station is a concrete block structure with a metal roof and is equipped with monolithically poured concrete secondary containment with a capacity of 730 gallons. The drum washer is tight-piped to the spent solvent storage tank with welded joints and above ground piping.

ATTACHMENT 12
FINANCIAL ASSURANCE AND CLOSURE COST ESTIMATES

ATTACHMENT 12
FINANCIAL ASSURANCE

12.1 FINANCIAL ASSURANCE

Attachment 12-1 contains a copy of the Closure Insurance Agreement and the Certificate of Liability Insurance, which demonstrate Safety-Kleen's financial assurance. This information was submitted to the New Mexico Environment Department, Hazardous Waste Bureau by Safety-Kleen, in accordance with the requirements of the New Mexico Hazardous Waste Management Regulations 20.4.1.900 NMAC (incorporating 40 CFR 270.14(b)(17)), and 20.4.1.500 NMAC (incorporating 40 CFR 264 Subpart H, Financial Requirements).

ATTACHMENT 12-1

FINANCIAL ASSURANCE AND CERTIFICATE OF LIABILITY

safety-kleen®

October 28, 2002

OCT [redacted]
NMED Hazardous
Waste Bureau

Mr. Stuart Dinwiddie
New Mexico Environmental Department
Hazardous and Radioactive Waste Bureau
1190 St. Francis Drive
Sante Fe, New Mexico 87503

RE: Liability Insurance
Safety-Kleen Systems, Inc.

Dear Mr. Dinwiddie:

Please find enclosed an original Hazardous Waste Facility Certificate of Liability for the Safety-Kleen Systems, Inc. facilities located in New Mexico. This Certificate, effective September 1, 2002 is issued by Greenwich Insurance Company under policy number PEC000709901.

If you have any questions regarding the certificate, please call me at 803-933-4849.

Sincerely,

Kathy Hodge

Kathy Hodge
Environmental Compliance Specialist

SAFETY-KLEEN CORP.
1301 GERVAIS STREET, SUITE 300 COLUMBIA, SC 29201 803/933-4200

HAZARDOUS WASTE FACILITY CERTIFICATE OF LIABILITY INSURANCE

1. Greenwich Insurance Company, (the "Insurer"), of Seaview House, 70 Seaview Avenue, Greenwich, CT 06902-6040 hereby certifies that it has issued liability insurance covering bodily injury and property damage to Safety-Kleen Systems, Inc., (the "insured"), of 1301 Gervais Street, Suite 300, Columbia, SC 29201 in connection with the insured's obligation to demonstrate financial responsibility under 40 CFR 264.17 or 265.147. The coverage applies at:

   (SEE ATTACHED LIST) (NEW MEXICO)

   for sudden accidental occurrences. The limits of liability are $2 million per each occurrence with an annual aggregate of $2million, exclusive of legal defense costs. The coverage is provided under policy number PEC000709901, issued on September 1, 2002. The effective date of said policy is September 1, 2002.

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

   (a) Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligation under the policy.

   (b) The Insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated as specified in 40 CFR 264.147(f) or 265.147(f).

   (c) Whenever requested by the Secretary of the New Mexico Environment Department, the Insurer agrees to furnish to the Secretary a signed duplicate original of the policy and all endorsements.

   (d) Cancellation of the insurance, whether by the Insurer, the insured, a parent corporation providing insurance coverage of its subsidiary, or by a firm having an insurable interest in and obtaining liability insurance on behalf of the owner or operator of the hazardous waste management facility, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the Secretary of the New Mexico Environment Department.

   (e) Any other termination of the insurance will be effective only upon written notice and only after the expiration of thirty (30) days after a copy of written notice is received by the Secretary of the New Mexico Environment Department.

I hereby certify that the wording of this instrument is, identical to the wording specified in 40 CFR 264.151(j) as such regulation was constituted on the date first above written, and that the Insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer in one or more States.

Joseph S Catanese

Joseph S. Catanese, Vice President
Authorized Representative of
Greenwich Insurance Company
c/o XL Environmental, Inc.
520 Eagleview Blvd.
Exton, PA 19341

SAFETY-KLEEN

STATE OF NEW MEXICO

Safety-Kleen Systems, Inc. 2720 Girard, NE Albuquerque, NM 87107	(7-008-01)	NMD000804294
Safety-Kleen Systems, Inc. 4200A Hawkins Road Farmington, NM 87401	(7-008-21)	NMD980698849

safety-kleen®

RECEIVED
JAN [redacted]
NMED Hazardous
Waste Bureau

January 24, 2003

Mr. Stuart Dinwiddie
New Mexico Environmental Department
Hazardous and Radioactive Waste Bureau
1190 St. Francis Drive
Santa Fe, New Mexico 87503

RE: Updated Financial Assurance for Closure and/or Post-Closure
Safety-Kleen Systems, Inc.
Albuquerque, NM NMD000804294
Farmington, NM NMD980698849

Dear Mr. Dinwiddie:

Please find enclosed an original Certificate of Insurance under Policy Number PEC000659401, issued by Indian Harbor Insurance Company, for the above referenced Safety-Kleen facilities. This certificate has been amended to reflect the annual inflation increase of the closure and/or post-closure care costs by using the 2001 annual implicit price deflator of 1.023 as published by the U.S. Department of the Commerce. All other terms and conditions of the policy remain unchanged.

Please note my new contact information. My new telephone number is 803-359-7569; my new address is 164 Frontage Road, Lexington, SC 29073. If you have any questions, please contact me at the above number or at khodge@safety-kleen.com.

Sincerely,

Kathy Hodge
Environmental Compliance Specialist

cc: Dave Ashley

CERTIFICATE OF INSURANCE FOR CLOSURE OR POST-CLOSURE CARE

Name and Address of Insurer (herein called the "Insurer"):

Indian Harbor Insurance Company
Seaview House, 70 Seaview Avenue
Stamford, CT 06902-6040

Name and Address of Insured (herein called the "Insured"):

Safety-Kleen Systems, Inc.
1301 Gervais Street, Suite 300
Columbia, South Carolina 29201

Facilities covered:

			Closure:
Albuquerque 7-008-01	2720 Girard NE Albuquerque, NM 87107	NMD000804294	$79,415
Farmington 7-008-21	4210A Hawkins Road Farmington, NM 87401	NMD980698849	$56,856
TOTAL:			$136,271

Face Amount: $136,271
Policy Number: PEC000659401
Effective Date: January 25, 2003

The Insurer hereby certifies that it has issued to the Insured the policy of insurance identified above to provide financial assurance for closure for the facilities identified above. The Insurer further warrants that such policy conforms in all respects with the requirements of 40 CFR 264.143(e), 264.145(e), 265.143(d) and 265.145(d), as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the Secretary of the New Mexico Environmental Department, the Insurer agrees to furnish to the New Mexico Environmental Department a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 40 CFR 264.151(e) as such regulations were constituted on the date shown immediately below.

(Authorized signature for Insurer)

John E.R. McGovern
(Name of person signing)

Senior Underwriter
(Title of person signing)

Karen V. King
(Signature of witness or notary)

1/17/03
(Date)

Notarial Seal
Karen V. King, Notary Public
Uwchlan Twp., Chester County
My Commission Expires Oct. 31, 2006
Member, Pennsylvania Association Of Notaries

SEAL

MARSH USA INC.

CERTIFICATE OF INSURANCE

CERTIFICATE NUMBER
ATL-000383385-02

PRODUCER
Marsh
Two Liberty Square
75 Beattie Place
uite 300
reenville, SC 29601-2164
Attn: Abi Potter

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER OTHER THAN THOSE PROVIDED IN THE POLICY. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES DESCRIBED HEREIN.

COMPANIES AFFORDING COVERAGE

COMPANY A AMERICAN HOME ASSURANCE COMPANY

COMPANY B NATIONAL UNION FIRE INSURANCE COMPANY

COMPANY C INSURANCE CO STATE OF PA

COMPANY D GREENWICH INSURANCE COMPANY

INSURED
SAFETY-KLEEN SYSTEMS, INC.
AND ITS SUBSIDIARY AND AFFILIATED COMPANIES
P.O. BOX 11393
COLUMBIA, SC 29211

COVERAGES This certificate supersedes and replaces any previously issued certificate for the policy period noted below.

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE DESCRIBED HEREIN HAVE BEEN ISSUED TO THE INSURED NAMED HEREIN FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THE CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, CONDITIONS AND EXCLUSIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY	1737871	09/01/02	09/01/03	GENERAL AGGREGATE	$ 2,000,000
	X COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG	$ 2,000,000
	CLAIMS MADE X OCCUR				PERSONAL & ADV INJURY	$ 500,000
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	$ 500,000
	X $500,000 SIR				FIRE DAMAGE (Any one fire)	$ 500,000
					MED EXP (Any one person)	$ 50,000
A	AUTOMOBILE LIABILITY	5273705 - All Other States	09/01/02	09/01/03	COMBINED SINGLE LIMIT	$ 2,000,000
A	X ANY AUTO	5273706 - CA	09/01/02	09/01/03		
A	ALL OWNED AUTOS	5273707 - TX	09/01/02	09/01/03	BODILY INJURY (Per person)	$
A	SCHEDULED AUTOS	5273708 - MA	09/01/02	09/01/03		
A	HIRED AUTOS	5273709 - VA	09/01/02	09/01/03	BODILY INJURY (Per accident)	$
	NON-OWNED AUTOS					
	X MCS-90				PROPERTY DAMAGE	$
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
	ANY AUTO				OTHER THAN AUTO ONLY:	
					EACH ACCIDENT	$
					AGGREGATE	$
B	EXCESS LIABILITY	BE2131347	09/01/02	09/01/03	EACH OCCURRENCE	$ 10,000,000
	X UMBRELLA FORM				AGGREGATE	$ 10,000,000
	OTHER THAN UMBRELLA FORM				"N/A TO INSURER "D"	$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	4895150 - All Other States	09/01/02	09/01/03	X WC STATUTORY LIMITS / OTHER	
C		4895151 - CA	09/01/02	09/01/03	EL EACH ACCIDENT	$ 1,000,000
C	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: INCL	4895153 - OR	09/01/02	09/01/03	EL DISEASE-POLICY LIMIT	$ 1,000,000
C	EXCL	4895154 - MA, NY, TX, WI	09/01/02	09/01/03	EL DISEASE-EACH EMPLOYEE	$ 1,000,000
	OTHER				EACH LOSS	5,000,000
D	CONSULTANTS ENVIR LIAB	PEC000989401	09/01/02	09/01/03	AGGREGATE	10,000,000
					EACH LOSS	10,000,000
D	POLLUTION LEGAL LIAB	PEC000709901	09/01/02	09/01/03	AGGREGATE	10,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS (LIMITS MAY BE SUBJECT TO DEDUCTIBLES OR RETENTIONS)

CERTIFICATE HOLDER

New Mexico Environmental Dept.
Hazardous & Radioactive Waste Bureau
Attn: Mr. Stuart Dinwiddie
0 St. Francis
ta Fe, NM 87503

CANCELLATION

SHOULD ANY OF THE POLICIES DESCRIBED HEREIN BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE INSURER AFFORDING COVERAGE WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED HEREIN, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER AFFORDING COVERAGE, ITS AGENTS OR REPRESENTATIVES.

MARSH USA INC.
BY:

MM1(9/99) VALID AS OF: 08/24/02