CF&I STEEL L.P.

dba

EVRAZ | EVRAZ INC. NA

EVRAZ PUEBLO

SPCC PLAN

September 2015

SPILL PREVENTION
CONTROL AND COUNTERMEASURE PLAN
FOR
CF&I STEEL, L.P.
dba
EVRAZ ROCKY MOUNTAIN STEEL
(EVRAZ Pueblo)
PUEBLO, COLORADO
FEBRUARY, 1975

FIRST REVISION, OCTOBER, 1976
SECOND REVISION, OCTOBER, 1976
THIRD REVISION, OCTOBER, 1982
FOURTH REVISION, OCTOBER, 1985
FIFTH REVISION, MARCH, 1993
SIXTH REVISION, FEBRUARY, 1994
UPDATED, JULY, 1995
UPDATED, AUGUST, 1995
SEVENTH REVISION, FEBRUARY, 1996
EIGHTH REVISION, FEBRUARY, 1998
NINTH REVISION, MAY 1999
TENTH REVISION, MAY 2000
ELEVENTH REVISION, JANUARY 2001
TWELFTH REVISITION, JANUARY 2004
THIRTEENTH REVISION, JUNE 2006
FOURTEENTH REVISION, MARCH 2010
FIFTHTEENTH REVISION, OCTOBER 2011
SIXTEENTH REVISION, SEPTEMBER 2013
SEVENTEENTH REVISION, SEPTEMBER 2014
EIGHTEENTH REVISION, SEPTEMBER 2015

EVRAZ PUEBLO

SPCC PLAN

MASTER INDEX

Section		Page #
Introduction		1
Management Approval		2
Part I. Emergency Response & Contingency Plan		Part I, Page 1
Part II. Detail Plans		
Section I.	Spill Prevention Control and Countermeasure Plan	Part II, Section I, Page 1
Section II.	Hazardous Waste Contingency Plan	Part II, Section II, Page 1

September 2015

INTRODUCTION

This Spill Prevention Control and Countermeasure Plan (SPCC) has been prepared for CF&I, L.P., dba EVRAZ Rocky Mountain Steel, herein referred to as EVRAZ-Pueblo (EVRAZ) and defines the procedure to be followed in the event of a release. It also lists locations of sources of potential releases and the engineering controls and/or procedures implemented to prevent any spills. The proper use of these procedures will minimize danger to the health and safety of personnel, the environment, and the operating capability of the facility.

EVRAZ operates a steel manufacturing plant in Pueblo, Colorado. Quantities of various lube oils, greases, solvents, diesel fuel, gasoline, and hazardous chemicals are stored throughout the facility.

The SPCC for EVRAZ is organized into two parts. Part I includes the facility's Emergency Response & Contingency Plan which contains procedures for responding to oil and chemical releases. Emergency response information, such as site plans, Material Safety Data Sheets (MSDS) library locations, evacuation plans and procedures, is also included. Part II contains two detailed plans for oil spills and hazardous waste. Section I is the Spill Prevention Control and Countermeasure Plan for oil related issues. Included in the plan is the assignment of a SPCC program coordinator, an evaluation of potential oil spill locations, criteria for inspections, and details of the used oil pickup program. Section II is the Hazardous Waste Contingency Plan, which contains information on the generation of hazardous waste, temporary storage locations, inspection criteria, emergency procedures, and personnel training.

EVRAZ EVRAZ INC. NA

Spill Prevention Control and Countermeasure Plan

Management Approval
(40 CFR 112.7 (d))

Full approval is extended with authority to commit the necessary resources by the management of the EVRAZ facility in Pueblo, Colorado for the implementation of this SPCC Plan as herein described. The person identified below is hereby designated responsible for compliance with and maintenance of this SPCC Plan.

Name	Craig West
Title	Manager-Environmental
Date	9 - 10 - 2015
By:	Ben Lutze Vice President and General Manager

PART I.

EMERGENCY RESPONSE

&

CONTINGENCY PLAN

EVRAZ PUEBLO

SPCC PLAN

REVISED SEPTEMBER 2015

PART I

EMERGENCY RESPONSE & CONTINGENCY PLAN

Table of Contents

	Section	**Page #**
A.	Incidence Response	
	1. General	Part I, Page 1-4
	2. Response Actions	Part I, Page 1-6
	3. Emergency Response Tables	Part I, Page 1-7
	Categories of Releases	
	Emergency Response Actions	
	Types of Releases	
	Site Plans	
	Department of Transportation (DOT)	
	Pocket Guide to Hazardous Materials	
	Material Safety Data Sheet (MSDS) File	
	Onsite Emergency Response Equipment	
	Onsite Heavy Equipment (not dedicated)	
	Tenants (Appendix G)	
	Mutual Aid	
	Other Emergency Support	
	Cleanup Support	
B.	EVRAZ Evacuation Plan	
	1. Evacuation Plans (Appendix E)	Part I, Page 1-12
	2. Department Plans	Part I, Page 1-12
	3. Plant Evacuation	Part I, Page 1-13
C.	Waste Water System Information	
	1. Waste Water System Descriptions	Part I, Page 1-13
	2. System Schematic	Part I, Page 1-15
D.	Agency Notification	
	1. Reporting a Harmful Quantity	Part I, Page 1-16
	2. Reporting a Spill from a Regulated Tank	Part I, Page 1-16
	3. Reporting a Spill to the CDPHE	Part I, Page 1-16
	4. Reporting a Spill to the EPA	Part I, Page 1-17
	5. Reporting a Spill to Other Parties	Part I, Page 1-18
E.	Procedures For Offsite Spills / Releases	Part I, Page 1-18

APPENDICES

Appendix A — Part I, Page A-1

- Hazardous Material Release Criteria and Actions
- Spill Reporting Policy
- 90-Day and Satellite Hazardous Waste Accumulation Points
- EPA List of Hazardous Substances and Reportable Quantities (This is not an inventory of ERMS chemical storage or use – rather it is a list of chemicals that are regulated under various EPA programs along with associated reportable quantities in the event of a spill of that chemical.)

Appendix B - Emergency Coordinators — Part I, Page B-1

Appendix C - Drawings — Part I, Page C-1

Appendix D - Onsite Emergency Response and Heavy (not dedicated) Equipment — Part I, Page D-1

Appendix E - Tenants — Part I, Page E-1

Appendix F - Notification Report Form — Part I, Page F-1

Appendix G – Mutual Aid Agreement — Part I, Page G-1

Appendix H - Potential Clean Up Contractors — Part I, Page H-1

Appendix I – Downstream Water Users — Part I, Page I-1

Appendix J– Plan Distribution List — Part I, Page J-1

A. INCIDENCE RESPONSE

1. General

a. A release is defined as ANY leakage, spilling, pouring, dumping or disposing of any hazardous material into the environment either accidentally, from equipment failure or through routine operations. Hazardous material captured in containment, such as a bucket, concrete basin or sump is not considered a release.

b. A hazardous material is defined as any chemical or substance that is hazardous as specified on the Material Safety Data Sheet (MSDS), Department of Transportation (DOT) list or on the container.

c. The discoverer is the person who discovers the spill.

d. The responder is the person who cleans up the release. Only authorized workers with appropriate Personal Protective Equipment (PPE) and Spill Response Materials can act as responders. Only act as a Responder if it is safe to do so.

2. Response Actions

a. The **Incident Response Action Diagram** shall be implemented when a release occurs (Page 1-7). The **Incident Response Action Diagram** acts as a general overview of the response process; the remainder of this section discusses the response process in detail.

b. A spill or release will be determined to be an EMERGENCY or NON-EMERGENCY by the discoverer. An EMERGENCY release poses a serious threat to human health, the environment or is uncontrollable. A spill or release is a NON-EMERGENCY when it is not life threatening and will not result in serious environmental damage.

For an EMERGENCY, the following procedure shall be followed:

<u>EMERGENCY RESPONSE</u>
Any Oil / Chemical Release shall be reported from a safe location.
Notify "EVRAZ Guards" by dialing **extension "4" or 719-561-7523**
Report:

- **Name and telephone number**
- **Specific location of release**

- **Type of release: air, water, ground, fire**
- **Material released: oil, acid, etc.**
- **Quantity released**
- **Injuries**

Control access to the area, notify your supervisor and wait for the emergency response team to arrive. See Appendix A for additional information including EVRAZ Spill Reporting Policy.

For a NON-EMERGENCY, the following procedure shall be followed:

NON-EMERGENCY RESPONSE
Any Oil / Chemical Release shall be reported from a safe location.
Notify your Supervisor.
Notify "EVRAZ Guards" by dialing **extension "4" or 719-561-7523**
Report:

* **Name and telephone number**
* **Specific location of release**
* **Type of release: air, water, ground, fire**
* **Material released: oil, acid, etc.**
* **Quantity released**
* **Injuries**

Control access to the area and wait for the emergency response team to arrive. Act as a responder if you are appropriately trained to do so. See Appendix A for additional information including EVRAZ Spill Reporting Policy.

b. EVRAZ Guards shall dispatch emergency personnel (Responders) to control access to the spill site, and contact an Environmental Program Manager as listed in Appendix B. The Environmental Program Manager is also known as the Incident Commander and directs the Incident Command System. EVRAZ Guards should follow guidance provided by the Environmental Program Manager. If a Guard is appropriately trained, he may act as a Responder.

c. The Environmental Program Manager will take steps to minimize any hazards which could affect human health, the environment, or the property.

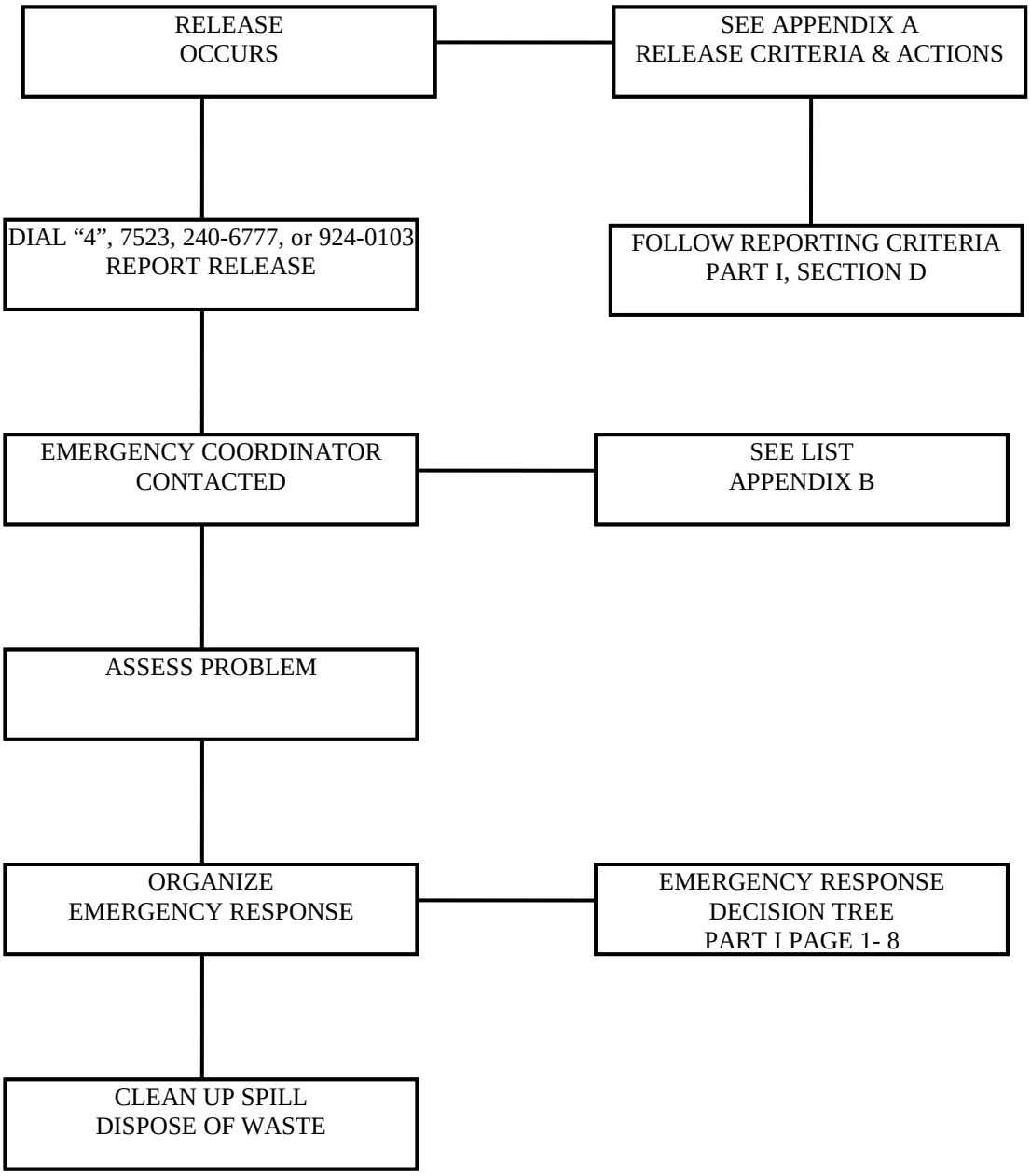
d. The Environmental Program Manager shall assess the emergency condition and then organize the emergency response actions as outlined in the **Emergency Response Decision Tree** (Page 1-8) and **Emergency Response Decision Tables** (Page 1-9). The Emergency Response Decision Tree presents an overview of the response process; details of the process are presented in the Emergency Response Decision Tables.

e. The Environmental Program Manager carries the authority to order the shut-down of an operation as well as the evacuation of a facility if conditions warrant this action.

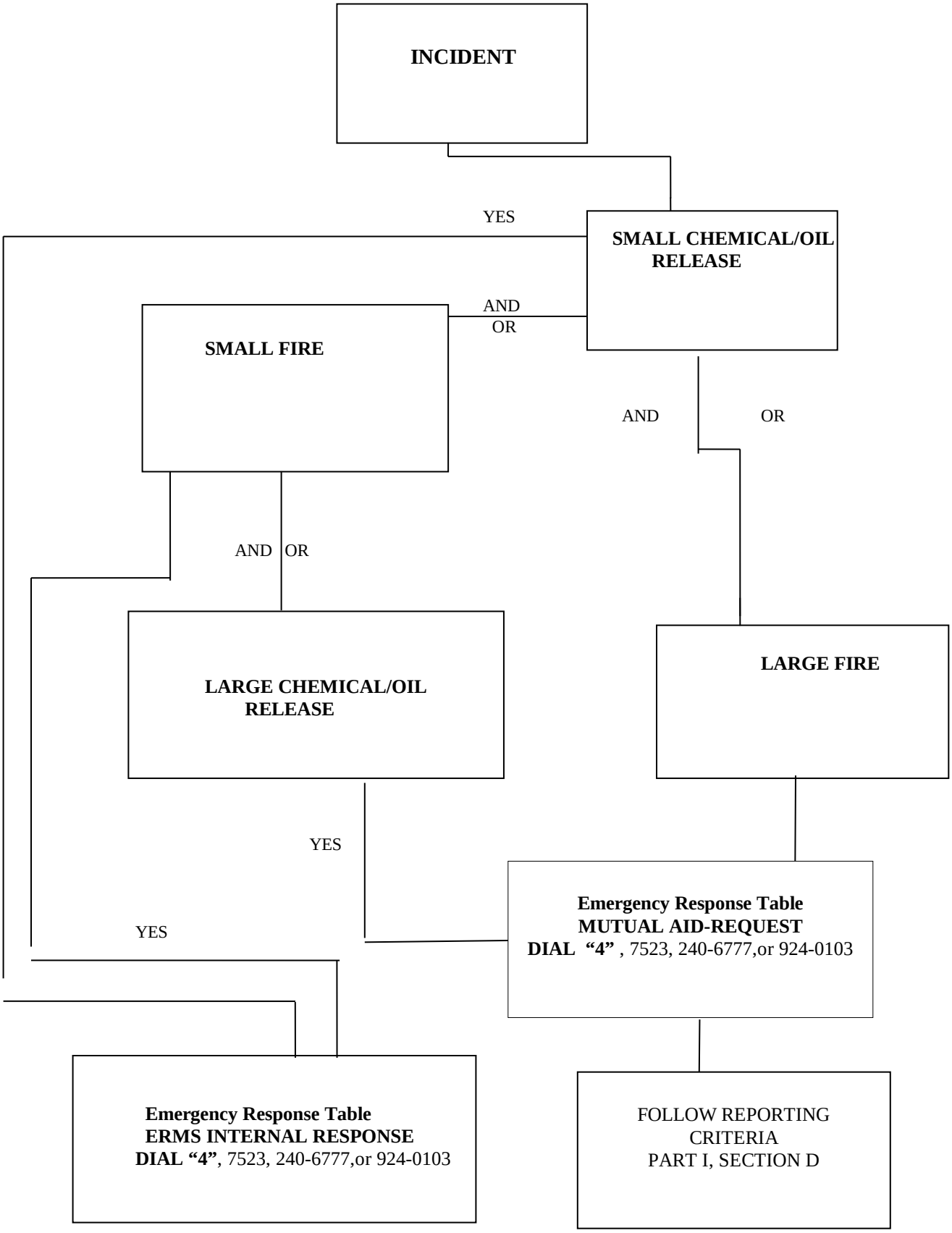
f. The Environmental Program Manager carries the authority to authorize use of an independent contractor to assist in the clean-up if necessary.

g. If it is known or suspected that the material release was due to an accident, the Environmental Program Manager will notify the Safety Manager.

2. **Incident Response Action Diagram**



3. Emergency Response Decision Tree



4. Emergency Response Tables- for Environmental Program Manager

Step 1: Define Release Type

	Release Definitions
SMALL SPILL / RELEASES	An incident that involves a single small container (e.g., up to a 55-gallon drum, small cylinder (100 pounds), or a small leak in a large container).
LARGE SPILL / RELEASE	An incident that involves a large spill/release (anything larger than a small spill or release) from an opening in a large container or spills from many small containers. Also includes spills/releases that can potentially affect areas and/or persons outside the plant. Typical incidents would include a tank truck, railroad tanker, or large tank.
SMALL FIRE	An incident that involves a small area that can be contained/extinguished by hand-held extinguisher and/or EVRAZ Fire Department and does not pose a risk of expanding to other structures, hazardous material/waste storage areas, and does not involve a large spill/release of hazardous material.
LARGE FIRE	All other incidents that do not meet the criteria of a small fire. Includes incidences that can potentially affect areas and/or persons outside the plant.

Step 2: Define Response

Type of Release	Response
Small chemical release with no fire Small chemical release with small fire Small oil release to Industrial Sewer System Release of chemical or oil to surrounding localized area or to containment	**EVRAZ Internal Response**
Chemical or oil release with large fire Large chemical release to the air Large oil release to Industrial Sewer System Small chemical release to Bessemer Ditch Large chemical release to Bessemer Ditch Small oil release to Bessemer Ditch Large oil release to Bessemer Ditch Release of chemical or oil to surrounding community Tornado with release of chemical or oil to surrounding community	**External Response: Request Mutual Aid**

Step 3: Implement Response

ERMS Internal Response
Identify Hazardous Material. *MSDS Database Access - Copies of the MSDS are filed at the Safety Office (Ext 6544) and at Guard Headquarters (7523 or 6932). To obtain an MSDS, call one of the above locations and provide:* - *Name of Material* - *Name or Manufacturer* - *Part or Product Number* **Additional information that may be needed** *Site Plans (Appendix C)* *Hazardous Chemical and Product Location* *Drawing 69289* *Used Oil - Collection Locations* *Drawing 73512* *Tenant Locations within Plant* *Drawing 73513* *Hazardous Waste Accumulation Points (Plant)* *(Drawing "Satellite Accumulation Points")* *Electrical Oil-Filled Transformer Locations* *Drawings 75221&2* *Onsite Emergency Response Equipment (Appendix D)* *Onsite Heavy Equipment (not dedicated) (Appendix D)* *Tenants (Appendix E)* **Remediate incident as appropriate** *Only respond to a spill if:* *You are authorized via work planning to handle the spilled material* *Appropriate personal protective equipment is available* *Appropriate spill response material is available* *Cleaning up the spill is safe* **See Appendix A for further instructions.** **Environmental Manager will report incident as appropriate.** *Notification Report Form (Appendix F)*

Request External Mutual Aid

Identify Hazardous Material.

MSDS Database Access - Copies of the MSDS are filed at the Safety Office (Ext 6544) and at Guard Headquarters (7523 or 6932). To obtain an MSDS, call one of the above locations and provide:

- *Name of Material , Manufacturer and Part or Product Number*

Additional information that may be needed

Site Plans (Appendix C)

Hazardous Chemical and Product Location	*Drawing 69289*
Used Oil - Collection Locations	*Drawing 73512*
Tenant Locations within Plant	*Drawing 73513*
Hazardous Waste Accumulation Points (Plant)	*Drawing 73513-A*
Electrical Oil-Filled Transformer Locations	*Drawing 75221&2*

Onsite Emergency Response Equipment (Appendix D)
Onsite Heavy Equipment (not dedicated) (Appendix D)
Tenants (Appendix E)

Request offsite support and place in charge. Mutual Aid agreements are in Appendix G. The following offsite emergency support can be obtained through Guard Headquarters by **Dialing "4"**

1. *Mutual Aid*
   - *Pueblo Fire Department- 911*
   - *Coast Guard (National Response)- 1-800-424-8802*
   - *Pueblo County Hazardous Waste Team- 911*
   - *Pueblo County Sheriff- 911*
   - *Pueblo Police Department - 911*
   - *Emergency Ambulance Service - 911*

2. *Other Emergency Support*
   - *Flight for Life- 1-800-525-3712*
   - *St. Mary Corwin- 557-4000*
   - *Parkview- 584-4000*
   - *Colorado State Patrol- 544-2424*
     - *24 Hour – 303-239-4501*
   - *Karen Ashcraft Pueblo Office of Emergency Management (LEPC)-719-583-6220*

3. *Cleanup Support – See Appendix H*

Notify potentially affected Plant and Offsite third parties.

1. *Onsite Parties*
   A. *Scale Pits*
      - *North Sewer Lagoon (Maintenance 7495 or 240-9359)*
      - *Rod/Bar Mill (Maintenance 6209 or 924-2294)*
      - *Seamless Mill (Maintenance 6056 or 240-7644)*
      - *Rail Mill (Maintenance 7308 or 240-6533)*
      - *South Mills Recycle Lagoon (Maintenance 7495 or 240-9359)*

Request External Mutual Aid
Steel Production Casters (Maintenance 7452 or 240-1196) *B. South Mills Recycle (Maintenance 7495 or 240-9359)* *C. Domestic Sewage Treatment (Maintenance 7495or 240-9371)* *D. Plant Effluent (Environmental 561-6441, 6536, 6640, or 250-7132)* *2. Offsite Parties* *Hazardous / Toxic air emission 911* *Bessemer Irrigation Ditch Co.* *Working Hours 544-8584* *Mike Hill - Superintendent* *Mobile Phone 251-0931* *St. Charles Mesa Water Association* *Working Hours 542-4380* *Non-Working Hours* *Discharge to Arkansas River 911* ***See Appendix I for Downstream Users*** **The Environmental Manager will notify appropriate third parties and regulatory authorities.**

B. EVRAZ EVACUATION PLAN

1. <u>EVACUATION PLANS</u>

   Site and Evacuation plans # 69286 and # 69287 show various evacuation routes available to employees should the need arise to evacuate the plant (APPENDIX C).

2. <u>DEPARTMENT PLANS</u>

   In addition each department has developed and trained their employees on a specific plan to evacuate their facilities should the spill/release require evacuation.

3. PLANT EVACUATION

In the event the total plant must be evacuated, the following methods shall be employed to notify all employees:

a) Portable 2-way radios shall be used to communicate.

b) Telephones shall be used to communicate.

c) Guard employees shall communicate in person and by word of mouth to those employees not reached by one of the methods described above.

C. WASTE WATER SYSTEM INFORMATION

1. System Descriptions:

A. Wastewater Treatment Facilities

The wastewater treatment facilities are an important aspect of the SPCC Plan as they provide treatment, containment, and oil removal at the source. The system consists of four subsystems: south sewer system, the north sewer system, the wire mill treatment system, and the domestic sewer system. All of the systems combine and flow in the Salt Creek channel to the final treatment lagoons. The effluent from the final treatment lagoon is discharged into the Arkansas River.

B. South Sewer

The discharges from the South Mills scale pits flow into the South Mills treatment system. The South Mills treatment system consists of a clarifier, sand filters, and oil skimming facilities. The skimmed oil is collected and picked up by an oil recycle company. Both floating and settleable material are removed. The clarified water is sent to settling ponds which are equipped with oil skimming facilities. The final discharge of the South Mills treatment system flows to the Salt Creek Channel and to the first final treatment lagoon.

C. North Sewer

The North Sewer flows to the North Sewer Settling Basin. The outlet from the basin is equipped with a baffle and oil skimming facilities. The skimmed oil is collected and is picked up by an oil recycle company. The discharge of the North Sewer Settling Basin empties into the Salt Creek Channel which flows to the first final treatment lagoon.

D. Wire Mill Sewer

The wire mill waste water discharges flow to the wire mill clarifier where it is treated by pH adjustment and metals precipitation. The treated water is discharged to the Salt Creek Channel.

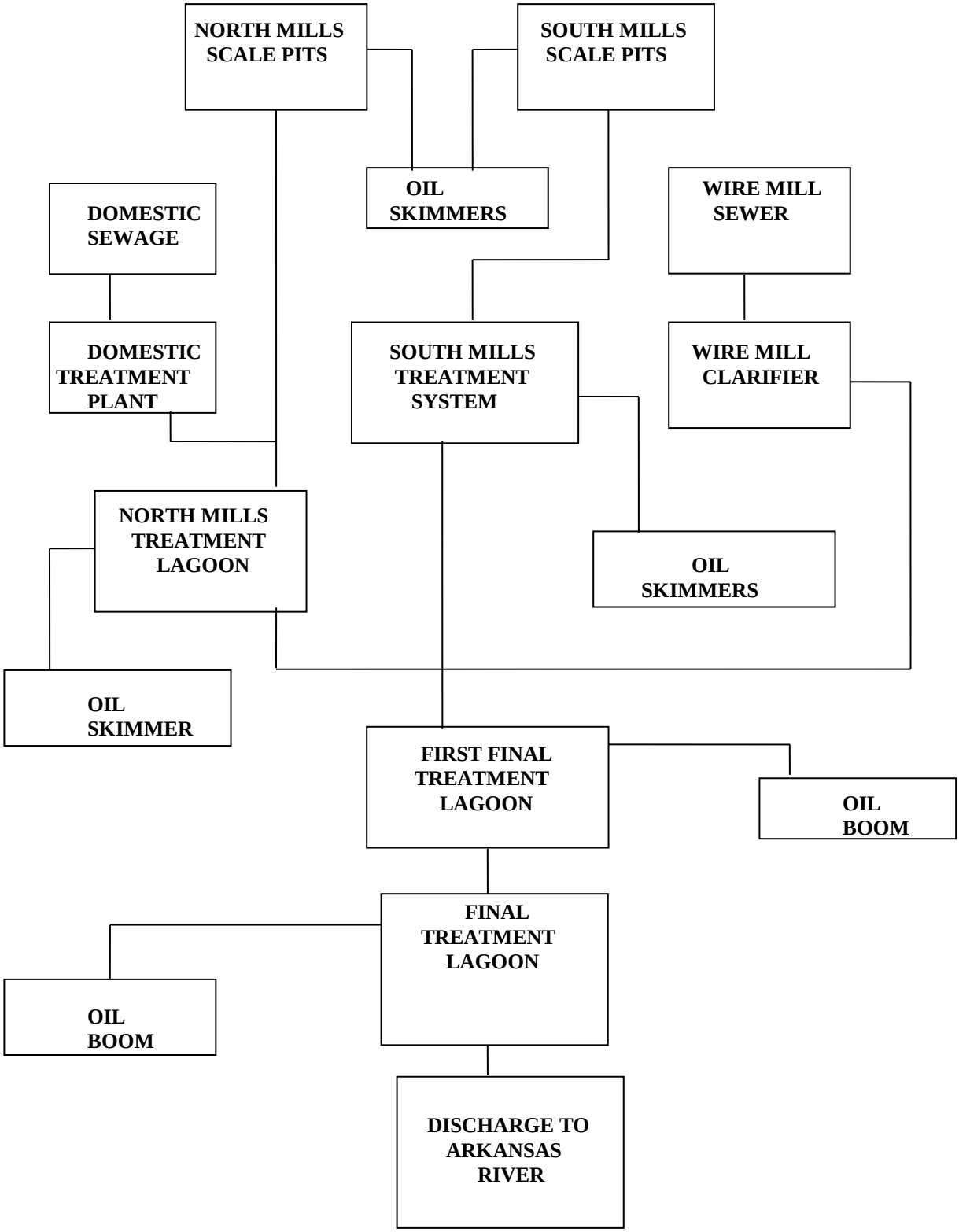
E. Domestic Treatment Plant

Domestic sewage is collected and discharged to the domestic sewage treatment plant. The treated water is discharged to the north mills industrial sewer system.

F. Salt Creek Channel and Final Treatment Lagoons

The Salt Creek Channel flows into two final treatment lagoons. The first lagoon is equipped with a boom with access for oil removal. The discharge from this lagoon flows into the final lagoon. The final lagoon (approximately 51 acres in size) is equipped with one oil boom with access for oil removal. Anchor points are installed near the Sampling House for attachment of a second boom if necessary. The spare boom is stored at the 90 day building. The effluent discharge from the lagoon is to the Arkansas River (See Site Plan# 69286).

2. ERMS WASTE WATER SYSTEM SCHEMATIC



D. AGENCY SPILL/RELEASE NOTIFICATION

All required reporting and regulatory notifications are to be completed by the Environmental Program Manager.

1. Reporting a Harmful Quantity

A spill or overfill of a petroleum product must be reported if it is considered a harmful quantity of oil discharged to U.S. navigable waters, adjoining shorelines, or the contiguous zone. According to the EPA, a harmful quantity of discharged oil is any discharge that violates state water quality standards, causes a film or sheen on the water's surface or leaves sludge or emulsion beneath the surface. Reporting requirements are no longer based on the amount of oil discharged, but instead on the presence of a sheen, sludge, or emulsion. For this reason, the Discharge of Oil regulation is commonly known as the "sheen" rule. Note that a floating sheen alone is not the only quantity that triggers the reporting requirements (e.g., sludge or emulsion deposited below the surface of the water may also be reportable). If such a release occurs the Site Manager will notify the National Response Center **immediately** upon knowledge of such release.

- National Response Center.....1-800-424-8802

2. Reporting a Spill from a Regulated Storage Tank

In addition, Colorado regulations require that a petroleum release of 25 gallons or more (or that cause a sheen on nearby surface waters) from regulated storage tanks must be reported to the Division of Oil and Public Safety within 24 hours.

- Colorado Department of Labor and Employment,
  Division of Oil and Public Safety 303-318-8547

3. Reporting a Spill to the State (CDPHE)

Any release that has or **may** impact waters of the state, which include surface water, ground water and dry gullies or storm sewers leading to surface water, no matter how small, must be reported **immediately** to the Colorado Department of Public Health and Environment (CDPHE). Written notification to the CDPHE must follow within five (5) days.

The CDPHE, Water Quality Control Division (the Division), issued additional guidance for reporting spills in "Guidance for Reporting Spills under the Colorado Water Quality Control Act and Colorado Discharge Permits," Policy Number WQE-10, dated March 1, 2008. The Division identified the following example of a spill (applicable to oil spill reporting) that is considered "non-reportable." The guidance states that spills that meet the following requirements, are not required to be reported, "A spill to a generally impervious surface or structure (e.g., paved street/parking lot, storm sewer, warehouse floor, manhole, vault, concrete basement), or onto soils, that is fully contained in/on the impervious surface/structure or soils, or that is managed in a manner so that it will not reach State waters at the time of the spill or in the future. Such spills that are cleaned up within 24 hours will be considered by the Division to have no potential to reach State waters. However, even if such spills are not cleaned up within 24 hours, the responsible

person may be able to "fully contain" or otherwise manage a spill such that it will not reach State waters." Under SPCC regulations, even if a spill is not reportable, documentation of spills must be maintained for a period of three years (Appendix F).

- CDPHE Emergency Spill Reporting 877-518-5608

The caller must be prepared to provide the following information:

- Name, address, and telephone number of the person reporting;
- Company name and location;
- Exact location of the spill;
- Date and time of the release;
- Quantity, source, and material spilled;
- Danger or threat posed by the discharge;
- Number and types of injuries (if any);
- Weather conditions at the incident location;
- Location of nearest storm drain(s); and
- Proposed action for containment and clean up.

The Environmental Program Manager will complete the Notification Report Form (Appendix F), and retain the record for a minimum of three years.

4. Reporting a Spill to the EPA

If a spill or overfill of a petroleum product occurs that results in a release to navigable waters or adjoining shorelines that exceeds 1,000 gallons or a release of more than 42 gallons in each of two discharges of oil in any 12-month period occurs, the following information must be submitted in writing to the Region VIII EPA Administrator within 60 days from the time the spill occurs:

- Facility name and location;
- Facility owner or operator names;

- Facility maximum storage or handling capacity and normal daily oil throughput;
- Facility description, including maps, flow diagrams, and topographical maps;
- The cause(s) of the spill, including a failure analysis of system or subsystem where the failure occurred;
- The corrective actions and/or countermeasures taken (e.g., equipment repairs or replacement);
- Any other preventative measures taken; and
- Other information the Regional Administrator may require.

Region VIII EPA Administrator

US EPA Region 8
8OC-EISC
1595 Wynkoop Street
Denver, CO 80202-1129

5. Reporting a Spill to Other Parties

Pueblo County Office of Emergency Management	719-583-6250
Pueblo Emergency Right-to-Know Committee	719-553-2830
City of Pueblo Fire Department	719-553-2830
Pueblo City-County Health Department	719-583-4300

E. PROCEDURES FOR OFFSITE SPILLS/RELEASES

The liability of spills occurring during transportation is normally contracted to the carrier by the purchase agreement. However, EVRAZ has liability for cleanup / response if the transporter does not honor his contracted agreements. The following actions should be taken as appropriate:

- Contact disposal company / transporter and inform them of incident. Make sure they respond in a responsible manner to incident.
- Notify appropriate State, Local, and/or Federal Authorities.
- If appropriate, visit site (or have third party representing EVRAZ visit site) to ensure that proper action has been taken.

APPENDIX A

- Hazardous Material Release Criteria and Actions
- Spill Reporting Policy
- 90-Day and Satellite Hazardous Waste Accumulation Points
- EPA's List of Hazardous Substances and Reportable Quantities (This is not an inventory of ERMS chemical storage or use – rather it is a list of chemicals that are regulated under various EPA programs along with associated reportable quantities in the event of a spill of that chemical.)

Appendix A

EVRAZ PUEBLO
HAZARDOUS MATERIALS SPILL REPORTING
FIRST RESPONDER AWARENESS LEVEL ACTIONS

EVERY EMPLOYEE IS RESPONSIBLE TO MINIMIZE RELEASES

WHAT IS A RELEASE?	ANY leakage, spilling, pouring, dumping, disposing of any hazardous substance into the environment.
WHAT IS A HAZARDOUS SUBSTANCE?	Any chemical or substance that is hazardous as specified on the Material Safety Data Sheet (MSDS), EPA list, or on the container. Typical hazardous substances at ERMS include Hydrochloric Acid, Asbestos, Sodium Hydroxide, Caustics, Diesel, Gasoline, Oil, PCB, Pesticides, Solvents, Carbon Dioxide, Propane, and Hazardous Wastes.
WHAT IS THE ENVIRONMENT?	The air, water, soil, ground (including paving) surrounding a facility or shop.
WHAT DOES NOT QUALIFY AS A RELEASE?	A release into containment such as a bucket under a pipe drip, a concrete basin under a tank, a closed sump, or a scale pit, is NOT a release. However, any release of more than 50 gallons of oil into a scale pit must be reported.
WHAT DO I DO?	Dial "4" to report the release. Give the following information to Plant Protection : G. **Name and telephone number** H. **Specific location of release** I. **Type of release: air, water, ground, fire** J. **Material released: oil, acid, etc.** K. **Quantity released** L. **Injuries** M. **Notify Supervisor and** N. **Direct emergency team to site.**
WHEN DO I EVACUATE?	Job Site (Read your department's Evacuation Plan) O. At direction of supervisor P. At direction of emergency coordinator Q. At direction of plant protection Plant (See Evacuation Routes Below) R. At direction of supervisor S. At direction of plant protection
HOW DO I EVACUATE?	Route 1 Through Indiana Gate Route 2 Through Harlem Gate (East of Steelmaking) Route 3 East road to southern junction, north through shipping, west to Indiana Ave. Route 4 East past Harlem Dump and Alpine Aggregate to Northern Avenue

EVRAZ			POLICIES & PROCEDURES
SUBSIDIARY:	All		
DEPARTMENT:	All		
TITLE:	SPILLS OR HAZARDOUS MATERIAL RELEASES		
BRIEF DESCRIPTION:	Policy regarding spill/release response, reporting and cleanup at Evraz Pueblo		
ORIGINAL DATE: October 1, 2012	REV. NO. 0	REV. DATE:	PAGE: 1 of 6

I. APPROVAL

/s/ Ben Lutze	Ben Lutze, Vice President & General Manager
/s/ Craig West	Craig West, Environmental Manager

II. PURPOSE

The purpose of this procedure is to ensure spills and/or hazardous releases are handled in a safe manner and properly reported. This procedure covers spill response, reporting and cleanup for all types of spills or hazardous materials releases greater than 5-gallons. It applies to all workers discovering and responding to a spill or release and their supervisors, contractors, environmental, safety and the local fire department.

III. APPLICABILITY

This policy is applicable to any spill or release of hazardous material greater than 5-gallons or (10-pounds if solid) into the environment.

1. Spill/Release: ANY leakage, spilling, pouring, dumping, disposing of any hazardous material into the environment either accidentally, from equipment failure or through routine operations.
2. Hazardous Material: Any chemical or substance that is hazardous as specified on the Material Safety Data Sheet (MSDS), EPA list, or on the container. Some typical hazardous materials found at Evraz-Pueblo include:
    a. Petroleum, Oil, Grease and Lubricants
    b. Flammables such as aerosols, oil based paints or gasoline
    c. Acids such as Hydrochloric Acid
    d. Solvents such as Methyl Ethyl Ketone or Ethyl Acetate
    e. Compressed Gas such as Propane, Carbon Dioxide or Acetylene
    f. Toxics such as Pesticides, PCBs or Lead Based Paint
    g. Electric Arc Furnace Dust
3. Environment: The air, water, soil, ground (including paving) surrounding a facility or shop or into a scale pit or the sewer system.

What is NOT considered a spill or release? Hazardous material captured in containment such as a bucket under a pipe, a concrete basin under a tank, or a closed sump.

This policy is applicable to EVRAZ-Pueblo, all mills, employees and contractors. Violations of this policy will result in discipline up to and including termination of employment.

ii. Any injuries
iii. Description of material released: oil, acid, etc.
iv. Type of release: air, water, ground, or sewer system
v. Estimated quantity
vi. Name and telephone number

c. Control access to the site from a safe distance until responder arrives.

4. Guard Headquarters Role:
Upon being notified of a spill, the guard shall:
1. Dispatch emergency personnel to control access to the spill site.
2. Notify Environmental personnel:
   i. Primary: Environmental Manager, Craig West (719) 248-4635
   ii. Secondary: Sr. Environmental Engineer, Jim Rodacy, (719) 252-3031
   iii. Alternate: Environmental Engineer, Brenda Zehr (719) 568-2749
3. Follow the guidance provided by the Environmental Program Manager.
4. If the responding guard meets the conditions of a Responder, he/she should commence the containment effort (See Section IV.5).

5. Responder Role:
The discoverer or subsequent responding personnel can proceed to clean up the spill **only if ALL** of the following conditions are met:
5. Is already authorized via work planning to handle the spilled material
6. Appropriate personal protective equipment (PPE) is available
7. Compatible spill response material is readily available in sufficient quantity
8. Cleaning up the release is safe.

If any of these conditions are not met, do not attempt to clean up the spill! Stay in a safe area and control access to the site until response personnel arrive.

After assessing the site conditions, the responder shall:
a. Refer to Material Safety Data Sheet (MSDS) for applicable PPE and hazard information.
b. Request and obtain the needed spill cleanup materials, waste containers and PPE from the Environmental Rail Anchor facility. **If contractual support is required such as roll-offs, heavy equipment, additional response personnel, notify Environmental.
c. Ensure adequate quantity of response personnel is present to safely contain and capture release.
d. Ensure familiarity with the use of the spill cleanup materials and equipment.
e. Prevent release from entering drains by placing berms, absorbent pads, or other suitable materials at drain inlet.
f. Don appropriate PPE.
g. Contain and capture release:
   a. May involve spreading absorbent material on entire spill area
   b. Pumping released material from a scale pit
   c. Removing affected media such as excavating soil
h. Put all spilled material and absorbent in compatible waste container(s).
i. Unplug drains if applicable.
j. Ensure PPE and spill cleanup equipment is properly managed
   a. Decontaminate equipment as needed

b. Place disposable PPE and expendables in appropriate waste containers.

k. Notify Environmental Program Manager upon completion of initial response effort.

6. Environmental Program Manager (PM) Role
The Environmental PM is considered the On-scene Incident Commander and is the primary person to coordinate the spill response effort. The PM shall:
   a. Provide assistance as needed to ensure spill is contained and cleared by qualified personnel.
   b. Contact external emergency response personnel, if deemed necessary.
   c. Evaluate the release to determine regulatory notification requirements and whether release shall be reported. Refer to the following documents as needed:
      i. Current Spill Prevention, Control and Countermeasures Plan,
      ii. Reporting Environmental Releases in Colorado, CDPHE HMWDM, January 2009, and
      iii. EPA List of Lists (EPA 550-B-01-003).
   d. If notification is required, contact the applicable regulatory agency.
   e. Ensure adequate spill supplies and waste containers are available to respond to release.
   f. Arrange for transportation of waste to the 90-day hazardous waste facility after release is contained.
   g. Complete necessary spill reporting forms.

7. Recordkeeping:
The Department Manager shall complete a spill report form (Attachment 2) for all spills greater than 5-gallons and provide a copy to Environmental.

All required reporting and regulatory notifications are to only be completed by the Environmental Program Manager.

The Environmental Program Manager will maintain copies of all spill reports for a minimum of three years.

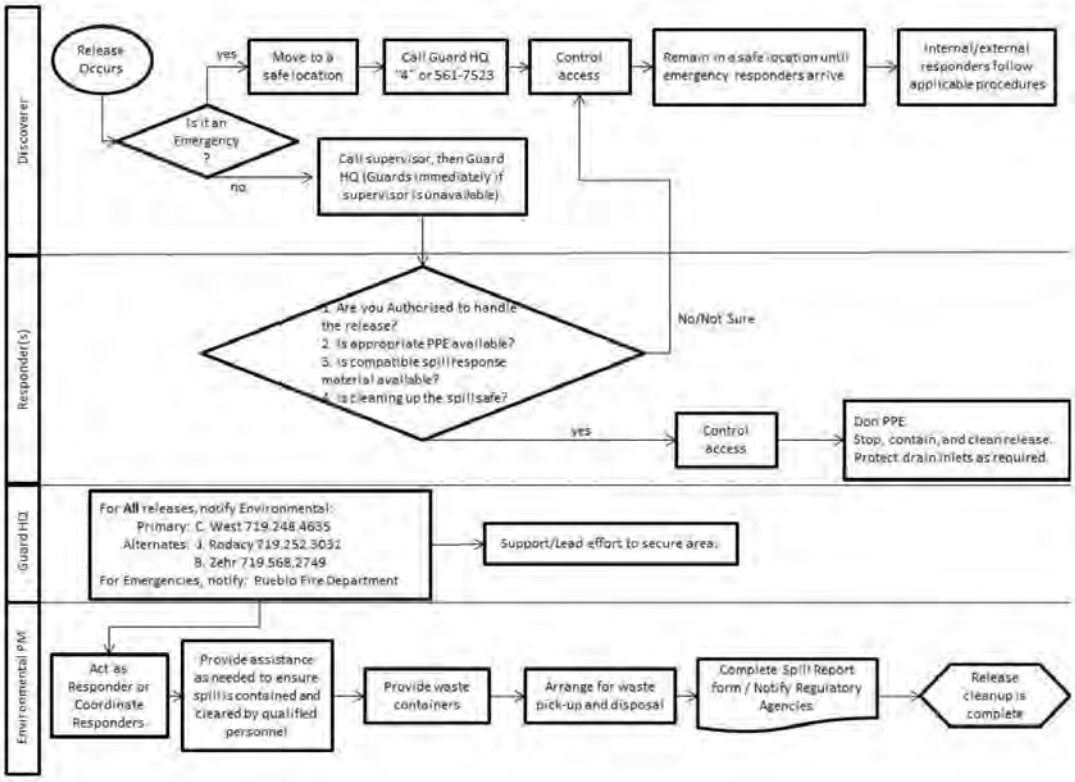
V. AUTHOR

EVRAZ Pueblo, Environmental Department

VI. DISTRIBUTION

All employees

ATTACHMENT 1
SPILL RESPONSE FLOW CHART



ATTACHMENT 2
EVRAZ PUEBLO SPILL REPORT

Date:_____ Time:_____

Name of Hazardous Material Spilled or Released:_____

Estimated Quantity Released: _____ gallons _____ quarts _____ pints

Material released to: ___ air ___water ___ soil ___ concrete _____ asphalt

___ industrial sewer ___ sanitary sewer

Source of Release: _____ < 55 gal container _____ 55 gal drum _____ > 55 gal container;
_____ operating equipment _____ mobile equipment

Describe size & type: _____

_____

Name of Person Reporting Release _____

Number of Injuries: _____ Number of Employees Evacuated: _____

Number Sent for Medical Checkup: _____ (attach additional sheet if needed)

Material Contained Within Immediate Area: _____ Yes _____ No

Situation Description: _____

_____

_____

Date & Time Cleanup Started: _____

Date & Time Cleanup completed: _____

Print Name: _____

Signature: _____ Date: _____

FOR ENVIRONMENTAL DEPARTMENT USE ONLY:

Reportable Quantity: ___ yes ___ no. If yes, quantity released: _____ lbs/gallons (circle one)

Reporting Agencies		Date	Time
• National Response Center	800-424-8802	_____	_____
• Region VIII EPA	800-227-8917	_____	_____
• Division of Oil & Public Safety	303-318-8547	_____	_____
• Colorado Dept. of Health	877-518-5608	_____	_____
• Pueblo City/County Health Dept	719-583-4300	_____	_____

EVRAZ ROCKY MOUNTAIN STEEL

HAZARDOUS MATERIALS MANAGEMENT LOCATIONS
90-Day and Satellite Hazardous Waste Accumulation Points
(Reference Drawing "Satellite Accumulation Points September 2015")

90-Day Hazardous Waste Accumulation Point

- 90 day building (Garage) – all hazardous waste except electric arc furnace dust is staged at this location.

Satellite Hazardous Waste Accumulation Points

- (#8) Baghouse 3 MCC Satellite (K061 PPE & debris) - steelmaking
- (#9) Steelmaking Satellite (Universal Waste - Mercury lighting, mercury switches, aerosol cans, batteries, electronics) - steelmaking
- (#20) Main Electric Shop Satellite (Universal Waste - Mercury lighting, mercury switches, aerosol cans, batteries, electronics) – utilities
- (#5) Rail Finish NDT Satellite (Methyl Ethyl Ketone, aerosol cans) – rail mill
- (#4) Rail Mill Satellite (Universal Waste - Mercury lighting, mercury switches, aerosol cans, batteries, electronics) – rail mill
- (#7) Rail Yard/Inspection Beds Satellite (Universal Waste - aerosol cans) – rail mill
- (#6) Rail Finish (Universal Waste – aerosols) – rail mill
- (#10) 90 day Storage Building Satellite (Universal Waste - Mercury lighting, mercury switches, aerosol cans, batteries, electronics, well purge water, waste paint) – 90 day building
- (#3) Rod & Bar Satellite (Universal Waste - mercury lighting, mercury switches, aerosol cans, batteries, electronics) – rod & bar mill
- (#1) Roll Grind Shop Satellite (Solvent contaminated rags) – rod & bar mill
- (#2) Vee Block Shop Satellite (Solvent contaminated rags) – rod & bar mill
- (#11) Seamless Mill Electric Shop Satellite (Universal Waste - Mercury lighting, mercury switches, , batteries, electronics) – seamless mill

- (#15) STM NDT Satellite (Methyl Ethyl Ketone, aerosol cans, solvent rags) – seamless mill
- (#19) Pipe Finish Satellite/Seamless Mill Satellite (Ethyl Acetate, solvent rags) – seamless mill
- (#12) STM Billet Yard North (Universal Waste - aerosol cans) – seamless mill
- (#13) Seamless Billet Shack Satellite (Universal Waste – Aerosols) – seamless mill
- (#14) Seamless Mill Cut-Off Satellite (Methyl Ethyl Ketone, aerosols) – seamless mill
- (#16) Seamless Mill S Large Line/STM NDT Inspection Satellite (Methyl Ethyl Ketone) – seamless mill
- (#17) Seamless Shipping Yard Satellite (Universal Waste – aerosols) – seamless mill
- (#18) Seamless Honer Satellite (Universal Waste – aerosols) – seamless mill

EPA's LIST OF HAZARDOUS SUBTANCES AND REPORTABLE QUANTITIES

*Please Note - This is **not** an inventory of ERMS chemical storage or use – rather it is a list of chemicals that are regulated under various EPA programs along with associated reportable quantities in the event of a spill of that chemical.)*

List of Hazardous Substances and Reportable Quantities

40CFR Part 172, Appendix A to 172.101

Table 1 to Appendix A—Hazardous Substances Other Than Radionuclides

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
A2213	5000 (2270)
Acenaphthene	100 (45.4)
Acenaphthylene	5000 (2270)
Acetaldehyde	1000 (454)
Acetaldehyde, chloro-	1000 (454)
Acetaldehyde, trichloro-	5000 (2270)
Acetamide	100 (45.4)
Acetamide, N-(aminothioxomethyl)-	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	100 (45.4)
Acetamide, N-9H-fluoren-2-yl-	1 (0.454)
Acetamide, 2-fluoro-	100 (45.4)
Acetic acid	5000 (2270)
Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	100 (45.4)
Acetic acid, ethyl ester	5000 (2270)
Acetic acid, fluoro-, sodium salt	10 (4.54)
Acetic acid, lead(2+) salt	10 (4.54)
Acetic acid, thallium(1+) salt	100 (45.4)
Acetic acid, (2,4,5-trichlorophenoxy)-	1000 (454)
Acetic anhydride	5000 (2270)
Acetone	5000 (2270)
Acetone cyanohydrin	10 (4.54)
Acetonitrile	5000 (2270)
Acetophenone	5000 (2270)
2-Acetylaminofluorene	1 (0.454)
Acetyl bromide	5000 (2270)
Acetyl chloride	5000 (2270)
1-Acetyl-2-thiourea	1000 (454)
Acrolein	1 (0.454)
Acrylamide	5000 (2270)
Acrylic acid	5000 (2270)
Acrylonitrile	100 (45.4)
Adipic acid	5000 (2270)
Aldicarb	1 (0.454)
Aldicarb sulfone	100 (45.4)
Aldrin	1 (0.454)
Allyl alcohol	100 (45.4)
Allyl chloride	1000 (454)
Aluminum phosphide	100 (45.4)
Aluminum sulfate	5000 (2270)
4-Aminobiphenyl	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	1000 (454)
4-Aminopyridine	1000 (454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Amitrole	10 (4.54)
Ammonia	100 (45.4)
Ammonium acetate	5000 (2270)
Ammonium benzoate	5000 (2270)
Ammonium bicarbonate	5000 (2270)
Ammonium bichromate	10 (4.54)
Ammonium bifluoride	100 (45.4)
Ammonium bisulfite	5000 (2270)
Ammonium carbamate	5000 (2270)
Ammonium carbonate	5000 (2270)
Ammonium chloride	5000 (2270)
Ammonium chromate	10 (4.54)
Ammonium citrate, dibasic	5000 (2270)
Ammonium dichromate[@]	10 (4.54)
Ammonium fluoborate	5000 (2270)
Ammonium fluoride	100 (45.4)
Ammonium hydroxide	1000 (454)
Ammonium oxalate	5000 (2270)
Ammonium picrate	10 (4.54)
Ammonium silicofluoride	1000 (454)
Ammonium sulfamate	5000 (2270)
Ammonium sulfide	100 (45.4)
Ammonium sulfite	5000 (2270)
Ammonium tartrate	5000 (2270)
Ammonium thiocyanate	5000 (2270)
Ammonium vanadate	1000 (454)
Amyl acetate	5000 (2270)
iso-Amyl acetate	
sec-Amyl acetate	
tert-Amyl acetate	
Aniline	5000 (2270)
o-Anisidine	100 (45.4)
Anthracene	5000 (2270)
Antimony[¢]	5000 (2270)
Antimony pentachloride	1000 (454)
Antimony potassium tartrate	100 (45.4)
Antimony tribromide	1000 (454)
Antimony trichloride	1000 (454)
Antimony trifluoride	1000 (454)
Antimony trioxide	1000 (454)
Argentate(1-), bis(cyano-C)-, potassium	1 (0.454)
Aroclor 1016	1 (0.454)
Aroclor 1221	1 (0.454)
Aroclor 1232	1 (0.454)
Aroclor 1242	1 (0.454)
Aroclor 1248	1 (0.454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Aroclor 1254	1 (0.454)
Aroclor 1260	1 (0.454)
Aroclors	1 (0.454)
Arsenic[¢]	1 (0.454)
Arsenic acid H_3AsO_4	1 (0.454)
Arsenic disulfide	1 (0.454)
Arsenic oxide As_2O_3	1 (0.454)
Arsenic oxide As_2O_5	1 (0.454)
Arsenic pentoxide	1 (0.454)
Arsenic trichloride	1 (0.454)
Arsenic trioxide	1 (0.454)
Arsenic trisulfide	1 (0.454)
Arsine, diethyl-	1 (0.454)
Arsinic acid, dimethyl-	1 (0.454)
Arsonous dichloride, phenyl-	1 (0.454)
Asbestos[¢¢]	1 (0.454)
Auramine	100 (45.4)
Azaserine	1 (0.454)
Aziridine	1 (0.454)
Aziridine, 2-methyl-	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha,8beta,8aalpha, 8balpha)]-	10 (4.54)
Barban	10 (4.54)
Barium cyanide	10 (4.54)
Bendiocarb	100 (45.4)
Bendiocarb phenol	1000 (454)
Benomyl	10 (4.54)
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	10 (4.54)
Benz[c]acridine	100 (45.4)
Benzal chloride	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	5000 (2270)
Benz[a]anthracene	10 (4.54)
1,2-Benzanthracene	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	1 (0.454)
Benzenamine	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl-	100 (45.4)
Benzenamine, 4-chloro-	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	10 (4.54)
Benzenamine, 2-methyl-	100 (45.4)
Benzenamine, 4-methyl-	100 (45.4)
Benzenamine, 4,4'-methylenebis[2-chloro-	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	100 (45.4)
Benzenamine, 4-nitro-	5000 (2270)
Benzene	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Benzeneacetic acid, 4-chloro-α-(4-chlorophenyl)-α-hydroxy-, ethyl ester	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	100 (45.4)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	10 (4.54)
Benzene, chloro-	100 (45.4)
Benzene, (chloromethyl)-	100 (45.4)
Benzenediamine, ar-methyl-	10 (4.54)
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	5000 (2270)
1,2-Benzenedicarboxylic acid, dioctyl ester	5000 (2270)
Benzene, 1,2-dichloro-	100 (45.4)
Benzene, 1,3-dichloro-	100 (45.4)
Benzene, 1,4-dichloro-	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene, (dichloromethyl)-	5000 (2270)
Benzene, 1,3-diisocyanatomethyl-	100 (45.4)
Benzene, dimethyl-	100 (45.4)
1,3-Benzenediol	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-	1000 (454)
Benzeneethanamine, alpha,alpha-dimethyl-	5000 (2270)
Benzene, hexachloro-	10 (4.54)
Benzene, hexahydro-	1000 (454)
Benzene, methyl-	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	100 (45.4)
Benzene, (1-methylethyl)-	5000 (2270)
Benzene, nitro-	1000 (454)
Benzene, pentachloro-	10 (4.54)
Benzene, pentachloronitro-	100 (45.4)
Benzenesulfonic acid chloride	100 (45.4)
Benzenesulfonyl chloride	100 (45.4)
Benzene,1,2,4,5-tetrachloro-	5000 (2270)
Benzenethiol	100 (45.4)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy-	1 (0.454)
Benzene, (trichloromethyl)-	10 (4.54)
Benzene, 1,3,5-trinitro-	10 (4.54)
Benzidine	1 (0.454)
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts	100 (45.4)
Benzo[a]anthracene	10 (4.54)
1,3-Benzodioxole, 5-(1-propenyl)-1	100 (45.4)
1,3-Benzodioxole, 5-(2-propenyl)-	100 (45.4)
1,3-Benzodioxole, 5-propyl-	10 (4.54)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-	1000 (454)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Benzo[b]fluoranthene	1 (0.454)
Benzo(k)fluoranthene	5000 (2270)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	10 (4.54)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate	10 (4.54)
Benzoic acid	5000 (2270)
Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo [2,3-b]indol-5-yl methylcarbamate ester (1:1)	100 (45.4)
Benzonitrile	5000 (2270)
Benzo[rst]pentaphene	10 (4.54)
Benzo[ghi]perylene	5000 (2270)
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts	100 (45.4)
Benzo[a]pyrene	1 (0.454)
3,4-Benzopyrene	1 (0.454)
p-Benzoquinone	10 (4.54)
Benzotrichloride	10 (4.54)
Benzoyl chloride	1000 (454)
Benzyl chloride	100 (45.4)
Beryllium[¢]	10 (4.54)
Beryllium chloride	1 (0.454)
Beryllium fluoride	1 (0.454)
Beryllium nitrate	1 (0.454)
Beryllium powder[¢]	10 (4.54)
alpha-BHC	10 (4.54)
beta-BHC	1 (0.454)
delta-BHC	1 (0.454)
gamma-BHC	1 (0.454)
2,2'-Bioxirane	10 (4.54)
Biphenyl	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	10 (4.54)
Bis(2-chloroethoxy) methane	1000 (454)
Bis(2-chloroethyl) ether	10 (4.54)
Bis(chloromethyl) ether	10 (4.54)
Bis(2-ethylhexyl) phthalate	100 (45.4)
Bromoacetone	1000 (454)
Bromoform	100 (45.4)
Bromomethane	1000 (454)
4-Bromophenyl phenyl ether	100 (45.4)
Brucine	100 (45.4)
1,3-Butadiene	10 (4.54)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1 (0.454)
1-Butanamine, N-butyl-N-nitroso-	10 (4.54)
1-Butanol	5000 (2270)
2-Butanone	5000 (2270)
2-Butanone, 3,3-dimethyl-1(methylthio)-, O [(methylamino) carbonyl] oxime	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2-Butanone peroxide	10 (4.54)
2-Butenal	100 (45.4)
2-Butene, 1,4-dichloro-	1 (0.454)
2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy] methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7aalpha]]-	10 (4.54)
Butyl acetate	5000 (2270)
iso-Butyl acetate	
sec-Butyl acetate	
tert-Butyl acetate	
n-Butyl alcohol	5000 (2270)
Butylamine	1000 (454)
iso-Butylamine	
sec-Butylamine	
tert-Butylamine	
Butyl benzyl phthalate	100 (45.4)
n-Butyl phthalate	10 (4.54)
Butyric acid	5000 (2270)
iso-Butyric acid	
Cacodylic acid	1 (0.454)
Cadmium[¢]	10 (4.54)
Cadmium acetate	10 (4.54)
Cadmium bromide	10 (4.54)
Cadmium chloride	10 (4.54)
Calcium arsenate	1 (0.454)
Calcium arsenite	1 (0.454)
Calcium carbide	10 (4.54)
Calcium chromate	10 (4.54)
Calcium cyanamide	1000 (454)
Calcium cyanide $Ca(CN)_2$	10 (4.54)
Calcium dodecylbenzenesulfonate	1000 (454)
Calcium hypochlorite	10 (4.54)
Captan	10 (4.54)
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester	10 (4.54)
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester	10 (4.54)
Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester	1000 (454)
Carbamic acid, dimethyl-,1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester	1 (0.454)
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester	100 (45.4)
Carbamic acid, ethyl ester	100 (45.4)
Carbamic acid, methyl-, 3-methylphenyl ester	1000 (454)
Carbamic acid, methylnitroso-, ethyl ester	1 (0.454)
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)] bis-, dimethyl ester	10 (4.54)
Carbamic acid, phenyl-, 1-methylethyl ester	1000 (454)
Carbamic chloride, dimethyl-	1 (0.454)
Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters	5000 (2270)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	100 (45.4)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester	100 (45.4)
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	5000 (2270)
Carbaryl	100 (45.4)
Carbendazim	10 (4.54)
Carbofuran	10 (4.54)
Carbofuran phenol	10 (4.54)
Carbon disulfide	100 (45.4)
Carbonic acid, dithallium(1+) salt	100 (45.4)
Carbonic dichloride	10 (4.54)
Carbonic difluoride	1000 (454)
Carbonochloridic acid, methyl ester	1000 (454)
Carbon oxyfluoride	1000 (454)
Carbon tetrachloride	10 (4.54)
Carbonyl sulfide	100 (45.4)
Carbosulfan	1000 (454)
Catechol	100 (45.4)
Chloral	5000 (2270)
Chloramben	100 (45.4)
Chlorambucil	10 (4.54)
Chlordane	1 (0.454)
Chlordane, alpha & gamma isomers	1 (0.454)
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	1 (0.454)
Chlorinated camphene	1 (0.454)
Chlorine	10 (4.54)
Chlornaphazine	100 (45.4)
Chloroacetaldehyde	1000 (454)
Chloroacetic acid	100 (45.4)
2-Chloroacetophenone	100 (45.4)
p-Chloroaniline	1000 (454)
Chlorobenzene	100 (45.4)
Chlorobenzilate	10 (4.54)
p-Chloro-m-cresol	5000 (2270)
Chlorodibromomethane	100 (45.4)
1-Chloro-2,3-epoxypropane	100 (45.4)
Chloroethane	100 (45.4)
2-Chloroethyl vinyl ether	1000 (454)
Chloroform	10 (4.54)
Chloromethane	100 (45.4)
Chloromethyl methyl ether	10 (4.54)
beta-Chloronaphthalene	5000 (2270)
2-Chloronaphthalene	5000 (2270)
2-Chlorophenol	100 (45.4)
o-Chlorophenol	100 (45.4)
4-Chlorophenyl phenyl ether	5000 (2270)
1-(o-Chlorophenyl)thiourea	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Chloroprene	100 (45.4)
3-Chloropropionitrile	1000 (454)
Chlorosulfonic acid	1000 (454)
4-Chloro-o-toluidine, hydrochloride	100 (45.4)
Chlorpyrifos	1 (0.454)
Chromic acetate	1000 (454)
Chromic acid	10 (4.54)
Chromic acid H_2CrO_4, calcium salt	10 (4.54)
Chromic sulfate	1000 (454)
Chromium[¢]	5000 (2270)
Chromous chloride	1000 (454)
Chrysene	100 (45.4)
Cobaltous bromide	1000 (454)
Cobaltous formate	1000 (454)
Cobaltous sulfamate	1000 (454)
Coke Oven Emissions	1 (0.454)
Copper[¢]	5000 (2270)
Copper chloride[@]	10 (4.54)
Copper cyanide Cu(CN)	10 (4.54)
Coumaphos	10 (4.54)
Creosote	1 (0.454)
Cresol (cresylic acid)	100 (45.4)
m-Cresol	100 (45.4)
o-Cresol	100 (45.4)
p-Cresol	100 (45.4)
Cresols (isomers and mixture)	100 (45.4)
Cresylic acid (isomers and mixture)	100 (45.4)
Crotonaldehyde	100 (45.4)
Cumene	5000 (2270)
m-Cumenyl methylcarbamate	10 (4.54)
Cupric acetate	100 (45.4)
Cupric acetoarsenite	1 (0.454)
Cupric chloride	10 (4.54)
Cupric nitrate	100 (45.4)
Cupric oxalate	100 (45.4)
Cupric sulfate	10 (4.54)
Cupric sulfate, ammoniated	100 (45.4)
Cupric tartrate	100 (45.4)
Cyanides (soluble salts and complexes) not otherwise specified	10 (4.54)
Cyanogen	100 (45.4)
Cyanogen bromide (CN)Br	1000 (454)
Cyanogen chloride (CN)Cl	10 (4.54)
2,5-Cyclohexadiene-1,4-dione	10 (4.54)
Cyclohexane	1000 (454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1α, 2α, 3β-, 4α, 5α, 6β)	1 (0.454)
Cyclohexanone	5000 (2270)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2-Cyclohexyl-4,6-dinitrophenol	100 (45.4)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	10 (4.54)
Cyclophosphamide	10 (4.54)
2,4-D Acid	100 (45.4)
2,4-D Ester	100 (45.4)
2,4-D, salts and esters	100 (45.4)
Daunomycin	10 (4.54)
DDD	1 (0.454)
4,4'-DDD	1 (0.454)
DDE (72-55-9)[#]	1 (0.454)
DDE (3547-04-4)[#]	5000 (2270)
4,4'-DDE	1 (0.454)
DDT	1 (0.454)
4,4'-DDT	1 (0.454)
DEHP	100 (45.4)
Diallate	100 (45.4)
Diazinon	1 (0.454)
Diazomethane	100 (45.4)
Dibenz[a,h]anthracene	1 (0.454)
1,2:5,6-Dibenzanthracene	1 (0.454)
Dibenzo[a,h]anthracene	1 (0.454)
Dibenzofuran	100 (45.4)
Dibenzo[a,i]pyrene	10 (4.54)
1,2-Dibromo-3-chloropropane	1 (0.454)
Dibromoethane	1 (0.454)
Dibutyl phthalate	10 (4.54)
Di-n-butyl phthalate	10 (4.54)
Dicamba	1000 (454)
Dichlobenil	100 (45.4)
Dichlone	1 (0.454)
Dichlorobenzene	100 (45.4)
1,2-Dichlorobenzene	100 (45.4)
1,3-Dichlorobenzene	100 (45.4)
1,4-Dichlorobenzene	100 (45.4)
m-Dichlorobenzene	100 (45.4)
o-Dichlorobenzene	100 (45.4)
p-Dichlorobenzene	100 (45.4)
3,3'-Dichlorobenzidine	1 (0.454)
Dichlorobromomethane	5000 (2270)
1,4-Dichloro-2-butene	1 (0.454)
Dichlorodifluoromethane	5000 (2270)
1,1-Dichloroethane	1000 (454)
1,2-Dichloroethane	100 (45.4)
1,1-Dichloroethylene	100 (45.4)
1,2-Dichloroethylene	1000 (454)
Dichloroethyl ether	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Dichloroisopropyl ether	1000 (454)
Dichloromethane	1000 (454)
Dichloromethoxyethane	1000 (454)
Dichloromethyl ether	10 (4.54)
2,4-Dichlorophenol	100 (45.4)
2,6-Dichlorophenol	100 (45.4)
Dichlorophenylarsine	1 (0.454)
Dichloropropane	1000 (454)
1,1-Dichloropropane	
1,3-Dichloropropane	
1,2-Dichloropropane	1000 (454)
Dichloropropane-Dichloropropene (mixture)	100 (45.4)
Dichloropropene	100 (45.4)
2,3-Dichloropropene	
1,3-Dichloropropene	100 (45.4)
2,2-Dichloropropionic acid	5000 (2270)
Dichlorvos	10 (4.54)
Dicofol	10 (4.54)
Dieldrin	1 (0.454)
1,2:3,4-Diepoxybutane	10 (4.54)
Diethanolamine	100 (45.4)
Diethylamine	100 (45.4)
N,N-Diethylaniline	1000 (454)
Diethylarsine	1 (0.454)
Diethylene glycol, dicarbamate	5000 (2270)
1,4-Diethyleneoxide	100 (45.4)
Diethylhexyl phthalate	100 (45.4)
N,N'-Diethylhydrazine	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	5000 (2270)
Diethyl-p-nitrophenyl phosphate	100 (45.4)
Diethyl phthalate	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	100 (45.4)
Diethylstilbestrol	1 (0.454)
Diethyl sulfate	10 (4.54)
Dihydrosafrole	10 (4.54)
Diisopropylfluorophosphate (DFP)	100 (45.4)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-	1 (0.454)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-1 (0.454)	
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-	1 (0.454)
2,7:3,6-Dimethanonaphth[2, 3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)-, & metabolites	1 (0.454)
Dimethoate	10 (4.54)
3,3'-Dimethoxybenzidine	100 (45.4)
Dimethylamine	1000 (454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Dimethyl aminoazobenzene	10 (4.54)
p-Dimethylaminoazobenzene	10 (4.54)
N,N-Dimethylaniline	100 (45.4)
7,12-Dimethylbenz[a]anthracene	1 (0.454)
3,3'-Dimethylbenzidine	10 (4.54)
alpha,alpha-Dimethylbenzylhydroperoxide	10 (4.54)
Dimethylcarbamoyl chloride	1 (0.454)
Dimethylformamide	100 (45.4)
1,1-Dimethylhydrazine	10 (4.54)
1,2-Dimethylhydrazine	1 (0.454)
Dimethylhydrazine, unsymmetrical[@]	10 (4.54)
alpha,alpha-Dimethylphenethylamine	5000 (2270)
2,4-Dimethylphenol	100 (45.4)
Dimethyl phthalate	5000 (2270)
Dimethyl sulfate	100 (45.4)
Dimetilan	1 (0.454)
Dinitrobenzene (mixed)	100 (45.4)
m-Dinitrobenzene	
o-Dinitrobenzene	
p-Dinitrobenzene	
4,6-Dinitro-o-cresol, and salts	10 (4.54)
Dinitrogen tetroxide[@]	10 (4.54)
Dinitrophenol	10 (4.54)
2,5-Dinitrophenol	
2,6-Dinitrophenol	
2,4-Dinitrophenol	10 (4.54)
Dinitrotoluene	10 (4.54)
3,4-Dinitrotoluene	
2,4-Dinitrotoluene	10 (4.54)
2,6-Dinitrotoluene	100 (45.4)
Dinoseb	1000 (454)
Di-n-octyl phthalate	5000 (2270)
1,4-Dioxane	100 (45.4)
1,2-Diphenylhydrazine	10 (4.54)
Diphosphoramide, octamethyl-	100 (45.4)
Diphosphoric acid, tetraethyl ester	10 (4.54)
Dipropylamine	5000 (2270)
Di-n-propylnitrosamine	10 (4.54)
Diquat	1000 (454)
Disulfoton	1 (0.454)
Dithiobiuret	100 (45.4)
1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime	100 (45.4)
Diuron	100 (45.4)
Dodecylbenzenesulfonic acid	1000 (454)
Endosulfan	1 (0.454)
alpha-Endosulfan	1 (0.454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
beta-Endosulfan	1 (0.454)
Endosulfan sulfate	1 (0.454)
Endothall	1000 (454)
Endrin	1 (0.454)
Endrin aldehyde	1 (0.454)
Endrin, & metabolites	1 (0.454)
Epichlorohydrin	100 (45.4)
Epinephrine	1000 (454)
1,2-Epoxybutane	100 (45.4)
Ethanal	1000 (454)
Ethanamine, N,N-diethyl-	5000 (2270)
Ethanamine, N-ethyl-N-nitroso-	1 (0.454)
1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	5000 (2270)
Ethane, 1,2-dibromo-	1 (0.454)
Ethane, 1,1-dichloro-	1000 (454)
Ethane, 1,2-dichloro-	100 (45.4)
Ethanedinitrile	100 (45.4)
Ethane, hexachloro-	100 (45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	1000 (454)
Ethane, 1,1'-oxybis-	100 (45.4)
Ethane, 1,1'-oxybis[2-chloro-	10 (4.54)
Ethane, pentachloro-	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	100 (45.4)
Ethanethioamide	10 (4.54)
Ethane, 1,1,1-trichloro-	1000 (454)
Ethane, 1,1,2-trichloro-	100 (45.4)
Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester	5000 (2270)
Ethanimidothioic acid, 2-(dimethylamino)-N-[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester	100 (45.4)
Ethanimidothioic acid, N-[[(methylamino) carbonyl]oxy]-, methyl ester	100 (45.4)
Ethanimidothioic acid, N,N'[thiobis[(methylimino)carbonyloxy]] bis-, dimethyl ester	100 (45.4)
Ethanol, 2-ethoxy-	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis-	1 (0.454)
Ethanol, 2,2'-oxybis-, dicarbamate	5000 (2270)
Ethanone, 1-phenyl-	5000 (2270)
Ethene, chloro-	1 (0.454)
Ethene, (2-chloroethoxy)-	1000 (454)
Ethene, 1,1-dichloro-	100 (45.4)
Ethene, 1,2-dichloro-(E)	1000 (454)
Ethene, tetrachloro-	100 (45.4)
Ethene, trichloro-	100 (45.4)
Ethion	10 (4.54)
Ethyl acetate	5000 (2270)
Ethyl acrylate	1000 (454)
Ethylbenzene	1000 (454)
Ethyl carbamate	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Ethyl chloride	100 (45.4)
Ethyl cyanide	10 (4.54)
Ethylenebisdithiocarbamic acid, salts & esters	5000 (2270)
Ethylenediamine	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	5000 (2270)
Ethylene dibromide	1 (0.454)
Ethylene dichloride	100 (45.4)
Ethylene glycol	5000 (2270)
Ethylene glycol monoethyl ether	1000 (454)
Ethylene oxide	10 (4.54)
Ethylenethiourea	10 (4.54)
Ethylenimine	1 (0.454)
Ethyl ether	100 (45.4)
Ethylidene dichloride	1000 (454)
Ethyl methacrylate	1000 (454)
Ethyl methanesulfonate	1 (0.454)
Ethyl methyl ketone[@]	5000 (2270)
Famphur	1000 (454)
Ferric ammonium citrate	1000 (454)
Ferric ammonium oxalate	1000 (454)
Ferric chloride	1000 (454)
Ferric fluoride	100 (45.4)
Ferric nitrate	1000 (454)
Ferric sulfate	1000 (454)
Ferrous ammonium sulfate	1000 (454)
Ferrous chloride	100 (45.4)
Ferrous sulfate	1000 (454)
Fluoranthene	100 (45.4)
Fluorene	5000 (2270)
Fluorine	10 (4.54)
Fluoroacetamide	100 (45.4)
Fluoroacetic acid, sodium salt	10 (4.54)
Formaldehyde	100 (45.4)
Formetanate hydrochloride	100 (45.4)
Formic acid	5000 (2270)
Formparanate	100 (45.4)
Fulminic acid, mercury(2+)salt	10 (4.54)
Fumaric acid	5000 (2270)
Furan	100 (45.4)
2-Furancarboxyaldehyde	5000 (2270)
2,5-Furandione	5000 (2270)
Furan, tetrahydro-	1000 (454)
Furfural	5000 (2270)
Furfuran	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-	1 (0.454)
D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-	1 (0.454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Glycidylaldehyde	10 (4.54)
Guanidine, N-methyl-N'-nitro-N-nitroso-	10 (4.54)
Guthion	1 (0.454)
Heptachlor	1 (0.454)
Heptachlor epoxide	1 (0.454)
Hexachlorobenzene	10 (4.54)
Hexachlorobutadiene	1 (0.454)
Hexachlorocyclopentadiene	10 (4.54)
Hexachloroethane	100 (45.4)
Hexachlorophene	100 (45.4)
Hexachloropropene	1000 (454)
Hexaethyl tetraphosphate	100 (45.4)
Hexamethylene-1,6-diisocyanate	100 (45.4)
Hexamethylphosphoramide	1 (0.454)
Hexane	5000 (2270)
Hexone	5000 (2270)
Hydrazine	1 (0.454)
Hydrazinecarbothioamide	100 (45.4)
Hydrazine, 1,2-diethyl-	10 (4.54)
Hydrazine, 1,1-dimethyl-	10 (4.54)
Hydrazine, 1,2-dimethyl-	1 (0.454)
Hydrazine, 1,2-diphenyl-	10 (4.54)
Hydrazine, methyl-	10 (4.54)
Hydrochloric acid	5000 (2270)
Hydrocyanic acid	10 (4.54)
Hydrofluoric acid	100 (45.4)
Hydrogen chloride	5000 (2270)
Hydrogen cyanide	10 (4.54)
Hydrogen fluoride	100 (45.4)
Hydrogen phosphide	100 (45.4)
Hydrogen sulfide H2S	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	10 (4.54)
Hydroquinone	100 (45.4)
2-Imidazolidinethione	10 (4.54)
Indeno(1,2,3-cd)pyrene	100 (45.4)
Iodomethane	100 (45.4)
1,3-Isobenzofurandione	5000 (2270)
Isobutyl alcohol	5000 (2270)
Isodrin	1 (0.454)
Isolan	100 (45.4)
Isophorone	5000 (2270)
Isoprene	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	1000 (454)
3-Isopropylphenyl N-methylcarbamate	10 (4.54)
Isosafrole	100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)-	1000 (454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Kepone	1 (0.454)
Lasiocarpine	10 (4.54)
Lead[¢]	10 (4.54)
Lead acetate	10 (4.54)
Lead arsenate	1 (0.454)
Lead, bis(acetato-O)tetrahydroxytri-	10 (4.54)
Lead chloride	10 (4.54)
Lead fluoborate	10 (4.54)
Lead fluoride	10 (4.54)
Lead iodide	10 (4.54)
Lead nitrate	10 (4.54)
Lead phosphate	10 (4.54)
Lead stearate	10 (4.54)
Lead subacetate	10 (4.54)
Lead sulfate	10 (4.54)
Lead sulfide	10 (4.54)
Lead thiocyanate	10 (4.54)
Lindane	1 (0.454)
Lindane (all isomers)	1 (0.454)
Lithium chromate	10 (4.54)
Malathion	100 (45.4)
Maleic acid	5000 (2270)
Maleic anhydride	5000 (2270)
Maleic hydrazide	5000 (2270)
Malononitrile	1000 (454)
Manganese, bis(dimethylcarbamodithioato-S,S')-	10 (4.54)
Manganese dimethyldithiocarbamate	10 (4.54)
MDI	5000 (2270)
MEK	5000 (2270)
Melphalan	1 (0.454)
Mercaptodimethur	10 (4.54)
Mercuric cyanide	1 (0.454)
Mercuric nitrate	10 (4.54)
Mercuric sulfate	10 (4.54)
Mercuric thiocyanate	10 (4.54)
Mercurous nitrate	10 (4.54)
Mercury	1 (0.454)
Mercury, (acetato-O)phenyl-	100 (45.4)
Mercury fulminate	10 (4.54)
Methacrylonitrile	1000 (454)
Methanamine, N-methyl-	1000 (454)
Methanamine, N-methyl-N-nitroso-	10 (4.54)
Methane, bromo-	1000 (454)
Methane, chloro-	100 (45.4)
Methane, chloromethoxy-	10 (4.54)
Methane, dibromo-	1000 (454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Methane, dichloro-	1000 (454)
Methane, dichlorodifluoro-	5000 (2270)
Methane, iodo-	100 (45.4)
Methane, isocyanato-	10 (4.54)
Methane, oxybis(chloro-	10 (4.54)
Methanesulfenyl chloride, trichloro-	100 (45.4)
Methanesulfonic acid, ethyl ester	1 (0.454)
Methane, tetrachloro-	10 (4.54)
Methane, tetranitro-	10 (4.54)
Methanethiol	100 (45.4)
Methane, tribromo-	100 (45.4)
Methane, trichloro-	10 (4.54)
Methane, trichlorofluoro-	5000 (2270)
Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino) carbonyl] oxy] phenyl]-, monohydrochloride	100 (45.4)
Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[(methylamino)carbonyl] oxy]phenyl]-	100 (45.4)
6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	1 (0.454)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	1 (0.454)
4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	1 (0.454)
Methanol	5000 (2270)
Methapyrilene	5000 (2270)
1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	1 (0.454)
Methiocarb	10 (4.54)
Methomyl	100 (45.4)
Methoxychlor	1 (0.454)
Methyl alcohol	5000 (2270)
Methylamine[@]	100 (45.4)
2-Methyl aziridine	1 (0.454)
Methyl bromide	1000 (454)
1-Methylbutadiene	100 (45.4)
Methyl chloride	100 (45.4)
Methyl chlorocarbonate	1000 (454)
Methyl chloroform	1000 (454)
Methyl chloroformate[@]	1000 (454)
Methyl chloromethyl ether[@]	10 (4.54)
3-Methylcholanthrene	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	10 (4.54)
Methylene bromide	1000 (454)
Methylene chloride	1000 (454)
4,4'-Methylenedianiline	10 (4.54)
Methylene diphenyl diisocyanate	5000 (2270)
Methyl ethyl ketone	5000 (2270)
Methyl ethyl ketone peroxide	10 (4.54)
Methyl hydrazine	10 (4.54)
Methyl iodide	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Methyl isobutyl ketone	5000 (2270)
Methyl isocyanate	10 (4.54)
2-Methyllactonitrile	10 (4.54)
Methyl mercaptan	100 (45.4)
Methyl methacrylate	1000 (454)
Methyl parathion	100 (45.4)
4-Methyl-2-pentanone	5000 (2270)
Methyl tert-butyl ether	1000 (454)
Methylthiouracil	10 (4.54)
Metolcarb	1000 (454)
Mevinphos	10 (4.54)
Mexacarbate	1000 (454)
Mitomycin C	10 (4.54)
MNNG	10 (4.54)
Monoethylamine	100 (45.4)
Monomethylamine	100 (45.4)
Naled	10 (4.54)
5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	10 (4.54)
1-Naphthalenamine	100 (45.4)
2-Naphthalenamine	10 (4.54)
Naphthalenamine, N,N'-bis(2-chloroethyl)-	100 (45.4)
Naphthalene	100 (45.4)
Naphthalene, 2-chloro-	5000 (2270)
1,4-Naphthalenedione	5000 (2270)
2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt	10 (4.54)
1-Naphthalenol, methylcarbamate	100 (45.4)
Naphthenic acid	100 (45.4)
1,4-Naphthoquinone	5000 (2270)
alpha-Naphthylamine	100 (45.4)
beta-Naphthylamine	10 (4.54)
alpha-Naphthylthiourea	100 (45.4)
Nickel[¢]	100 (45.4)
Nickel ammonium sulfate	100 (45.4)
Nickel carbonyl Ni(CO)4, (T-4)-	10 (4.54)
Nickel chloride	100 (45.4)
Nickel cyanide $Ni(CN)_2$	10 (4.54)
Nickel hydroxide	10 (4.54)
Nickel nitrate	100 (45.4)
Nickel sulfate	100 (45.4)
Nicotine, & salts	100 (45.4)
Nitric acid	1000 (454)
Nitric acid, thallium (1+) salt	100 (45.4)
Nitric oxide	10 (4.54)
p-Nitroaniline	5000 (2270)
Nitrobenzene	1000 (454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
4-Nitrobiphenyl	10 (4.54)
Nitrogen dioxide	10 (4.54)
Nitrogen oxide NO	10 (4.54)
Nitrogen oxide NO_2	10 (4.54)
Nitroglycerine	10 (4.54)
Nitrophenol (mixed)	100 (45.4)
m-Nitrophenol	
o-Nitrophenol	100 (45.4)
p-Nitrophenol	100 (45.4)
2-Nitrophenol	100 (45.4)
4-Nitrophenol	100 (45.4)
2-Nitropropane	10 (4.54)
N-Nitrosodi-n-butylamine	10 (4.54)
N-Nitrosodiethanolamine	1 (0.454)
N-Nitrosodiethylamine	1 (0.454)
N-Nitrosodimethylamine	10 (4.54)
N-Nitrosodiphenylamine	100 (45.4)
N-Nitroso-N-ethylurea	1 (0.454)
N-Nitroso-N-methylurea	1 (0.454)
N-Nitroso-N-methylurethane	1 (0.454)
N-Nitrosomethylvinylamine	10 (4.54)
N-Nitrosomorpholine	1 (0.454)
N-Nitrosopiperidine	10 (4.54)
N-Nitrosopyrrolidine	1 (0.454)
Nitrotoluene	1000 (454)
m-Nitrotoluene	
o-Nitrotoluene	
p-Nitrotoluene	
5-Nitro-o-toluidine	100 (45.4)
Octamethylpyrophosphoramide	100 (45.4)
Osmium oxide OsO_4, (T-4)-	1000 (454)
Osmium tetroxide	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	1000 (454)
Oxamyl	100 (45.4)
1,2-Oxathiolane, 2,2-dioxide	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl) tetrahydro-, 2-oxide	10 (4.54)
Oxirane	10 (4.54)
Oxiranecarboxyaldehyde	10 (4.54)
Oxirane, (chloromethyl)-	100 (45.4)
Paraformaldehyde	1000 (454)
Paraldehyde	1000 (454)
Parathion	10 (4.54)
PCBs	1 (0.454)
PCNB	100 (45.4)
Pentachlorobenzene	10 (4.54)
Pentachloroethane	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Pentachloronitrobenzene	100 (45.4)
Pentachlorophenol	10 (4.54)
1,3-Pentadiene	100 (45.4)
Perchloroethylene	100 (45.4)
Perchloromethyl mercaptan[@]	100 (45.4)
Phenacetin	100 (45.4)
Phenanthrene	5000 (2270)
Phenol	1000 (454)
Phenol, 2-chloro-	100 (45.4)
Phenol, 4-chloro-3-methyl-	5000 (2270)
Phenol, 2-cyclohexyl-4,6-dinitro-	100 (45.4)
Phenol, 2,4-dichloro-	100 (45.4)
Phenol, 2,6-dichloro-	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1 (0.454)
Phenol, 2,4-dimethyl-	100 (45.4)
Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)	1000 (454)
Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	10 (4.54)
Phenol, 2,4-dinitro-	10 (4.54)
Phenol, methyl-	100 (45.4)
Phenol, 2-methyl-4,6-dinitro-, & salts	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	100 (45.4)
Phenol, 2-(1-methylethoxy)-, methylcarbamate	100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate	10 (4.54)
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate	1000 (454)
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	1000 (454)
Phenol, 4-nitro-	100 (45.4)
Phenol, pentachloro-	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	10 (4.54)
Phenol, 2,4,5-trichloro-	10 (4.54)
Phenol, 2,4,6-trichloro-	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	1 (0.454)
p-Phenylenediamine	5000 (2270)
Phenyl mercaptan[@]	100 (45.4)
Phenylmercury acetate	100 (45.4)
Phenylthiourea	100 (45.4)
Phorate	10 (4.54)
Phosgene	10 (4.54)
Phosphine	100 (45.4)
Phosphoric acid	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	100 (45.4)
Phosphoric acid, lead(2+) salt (2:3)	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Phosphorofluoridic acid, bis(1-methylethyl) ester	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	100 (45.4)
Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	100 (45.4)
Phosphorus	1 (0.454)
Phosphorus oxychloride	1000 (454)
Phosphorus pentasulfide	100 (45.4)
Phosphorus sulfide	100 (45.4)
Phosphorus trichloride	1000 (454)
Phthalic anhydride	5000 (2270)
Physostigmine	100 (45.4)
Physostigmine salicylate	100 (45.4)
2-Picoline	5000 (2270)
Piperidine, 1-nitroso-	10 (4.54)
Plumbane, tetraethyl-	10 (4.54)
POLYCHLORINATED BIPHENYLS	1 (0.454)
Potassium arsenate	1 (0.454)
Potassium arsenite	1 (0.454)
Potassium bichromate	10 (4.54)
Potassium chromate	10 (4.54)
Potassium cyanide K(CN)	10 (4.54)
Potassium hydroxide	1000 (454)
Potassium permanganate	100 (45.4)
Potassium silver cyanide	1 (0.454)
Promecarb	1000 (454)
Pronamide	5000 (2270)
Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime	100 (45.4)
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl] oxime	1 (0.454)
1-Propanamine	5000 (2270)
1-Propanamine, N-propyl-	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	10 (4.54)
Propane, 1,2-dibromo-3-chloro-	1 (0.454)
Propane, 1,2-dichloro-	1000 (454)
Propanedinitrile	1000 (454)
Propanenitrile	10 (4.54)
Propanenitrile, 3-chloro-	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	10 (4.54)
Propane, 2-nitro-	10 (4.54)
Propane, 2,2'-oxybis[2-chloro-	1000 (454)
1,3-Propane sultone	10 (4.54)
1,2,3-Propanetriol, trinitrate	10 (4.54)
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	100 (45.4)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	10 (4.54)
1-Propanol, 2-methyl-	5000 (2270)
2-Propanone	5000 (2270)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2-Propanone, 1-bromo-	1000 (454)
Propargite	10 (4.54)
Propargyl alcohol	1000 (454)
2-Propenal	1 (0.454)
2-Propenamide	5000 (2270)
1-Propene, 1,3-dichloro-	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro-	1000 (454)
2-Propenenitrile	100 (45.4)
2-Propenenitrile, 2-methyl-	1000 (454)
2-Propenoic acid	5000 (2270)
2-Propenoic acid, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	1000 (454)
2-Propen-1-ol	100 (45.4)
Propham	1000 (454)
beta-Propiolactone	10 (4.54)
Propionaldehyde	1000 (454)
Propionic acid	5000 (2270)
Propionic anhydride	5000 (2270)
Propoxur (Baygon)	100 (45.4)
n-Propylamine	5000 (2270)
Propylene dichloride	1000 (454)
Propylene oxide	100 (45.4)
1,2-Propylenimine	1 (0.454)
2-Propyn-1-ol	1000 (454)
Prosulfocarb	5000 (2270)
Pyrene	5000 (2270)
Pyrethrins	1 (0.454)
3,6-Pyridazinedione, 1,2-dihydro-	5000 (2270)
4-Pyridinamine	1000 (454)
Pyridine	1000 (454)
Pyridine, 2-methyl-	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	10 (4.54)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	10 (4.54)
Pyrrolidine, 1-nitroso-	1 (0.454)
Pyrrolo[2,3-b] indol-5-ol,1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-	100 (45.4)
Quinoline	5000 (2270)
Quinone	10 (4.54)
Quintobenzene	100 (45.4)
RADIONUCLIDES	See Table 2
Reserpine	5000 (2270)
Resorcinol	5000 (2270)
Saccharin & salts	100 (45.4)
Safrole	100 (45.4)
Selenious acid	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Selenious acid, dithallium (1+) salt	1000 (454)
Selenium[¢]	100 (45.4)
Selenium dioxide	10 (4.54)
Selenium oxide	10 (4.54)
Selenium sulfide SeS2	10 (4.54)
Selenourea	1000 (454)
L-Serine, diazoacetate (ester)	1 (0.454)
Silver[¢]	1000 (454)
Silver cyanide Ag(CN)	1 (0.454)
Silver nitrate	1 (0.454)
Silvex (2,4,5-TP)	100 (45.4)
Sodium	10 (4.54)
Sodium arsenate	1 (0.454)
Sodium arsenite	1 (0.454)
Sodium azide	1000 (454)
Sodium bichromate	10 (4.54)
Sodium bifluoride	100 (45.4)
Sodium bisulfite	5000 (2270)
Sodium chromate	10 (4.54)
Sodium cyanide Na(CN)	10 (4.54)
Sodium dodecylbenzenesulfonate	1000 (454)
Sodium fluoride	1000 (454)
Sodium hydrosulfide	5000 (2270)
Sodium hydroxide	1000 (454)
Sodium hypochlorite	100 (45.4)
Sodium methylate	1000 (454)
Sodium nitrite	100 (45.4)
Sodium phosphate, dibasic	5000 (2270)
Sodium phosphate, tribasic	5000 (2270)
Sodium selenite	100 (45.4)
Streptozotocin	1 (0.454)
Strontium chromate	10 (4.54)
Strychnidin-10-one, & salts	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	100 (45.4)
Strychnine, & salts	10 (4.54)
Styrene	1000 (454)
Styrene oxide	100 (45.4)
Sulfur chlorides[@]	1000 (454)
Sulfuric acid	1000 (454)
Sulfuric acid, dimethyl ester	100 (45.4)
Sulfuric acid, dithallium (1+) salt	100 (45.4)
Sulfur monochloride	1000 (454)
Sulfur phosphide	100 (45.4)
2,4,5-T	1000 (454)
2,4,5-T acid	1000 (454)
2,4,5-T amines	5000 (2270)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2,4,5-T esters	1000 (454)
2,4,5-T salts	1000 (454)
TCDD	1 (0.454)
TDE	1 (0.454)
1,2,4,5-Tetrachlorobenzene	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1 (0.454)
1,1,1,2-Tetrachloroethane	100 (45.4)
1,1,2,2-Tetrachloroethane	100 (45.4)
Tetrachloroethylene	100 (45.4)
2,3,4,6-Tetrachlorophenol	10 (4.54)
Tetraethyl pyrophosphate	10 (4.54)
Tetraethyl lead	10 (4.54)
Tetraethyldithiopyrophosphate	100 (45.4)
Tetrahydrofuran	1000 (454)
Tetranitromethane	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	100 (45.4)
Thallic oxide	100 (45.4)
Thallium[¢]	1000 (454)
Thallium (I) acetate	100 (45.4)
Thallium (I) carbonate	100 (45.4)
Thallium chloride TlCl	100 (45.4)
Thallium (I) nitrate	100 (45.4)
Thallium oxide Tl_2O_3	100 (45.4)
Thallium (I) selenite	1000 (454)
Thallium (I) sulfate	100 (45.4)
Thioacetamide	10 (4.54)
Thiodicarb	100 (45.4)
Thiodiphosphoric acid, tetraethyl ester	100 (45.4)
Thiofanox	100 (45.4)
Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$	100 (45.4)
Thiomethanol	100 (45.4)
Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-	10 (4.54)
Thiophanate-methyl	10 (4.54)
Thiophenol	100 (45.4)
Thiosemicarbazide	100 (45.4)
Thiourea	10 (4.54)
Thiourea, (2-chlorophenyl)-	100 (45.4)
Thiourea, 1-naphthalenyl-	100 (45.4)
Thiourea, phenyl-	100 (45.4)
Thiram	10 (4.54)
Tirpate	100 (45.4)
Titanium tetrachloride	1000 (454)
Toluene	1000 (454)
Toluenediamine	10 (4.54)
2,4-Toluene diamine	10 (4.54)
Toluene diisocyanate	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2,4-Toluene diisocyanate	100 (45.4)
o-Toluidine	100 (45.4)
p-Toluidine	100 (45.4)
o-Toluidine hydrochloride	100 (45.4)
Toxaphene	1 (0.454)
2,4,5-TP acid	100 (45.4)
2,4,5-TP esters	100 (45.4)
Triallate	100 (45.4)
1H-1,2,4-Triazol-3-amine	10 (4.54)
Trichlorfon	100 (45.4)
1,2,4-Trichlorobenzene	100 (45.4)
1,1,1-Trichloroethane	1000 (454)
1,1,2-Trichloroethane	100 (45.4)
Trichloroethylene	100 (45.4)
Trichloromethanesulfenyl chloride	100 (45.4)
Trichloromonofluoromethane	5000 (2270)
Trichlorophenol	10 (4.54)
2,3,4-Trichlorophenol	
2,3,5-Trichlorophenol	
2,3,6-Trichlorophenol	
3,4,5-Trichlorophenol	
2,4,5-Trichlorophenol	10 (4.54)
2,4,6-Trichlorophenol	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	1000 (454)
Triethylamine	5000 (2270)
Trifluralin	10 (4.54)
Trimethylamine	100 (45.4)
2,2,4-Trimethylpentane	1000 (454)
1,3,5-Trinitrobenzene	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl-	1000 (454)
Tris(2,3-dibromopropyl) phosphate	10 (4.54)
Trypan blue	10 (4.54)
D002 Unlisted Hazardous Wastes Characteristic of Corrosivity	100 (45.4)
D001 Unlisted Hazardous Wastes Characteristic of Ignitability	100 (45.4)
D003 Unlisted Hazardous Wastes Characteristic of Reactivity	100 (45.4)
D004–D043 Unlisted Hazardous Wastes Characteristic of Toxicity:	
Arsenic (D004)	1 (0.454)
Barium (D005)	1000 (454)
Benzene (D018)	10 (4.54)
Cadmium (D006)	10 (4.54)
Carbon tetrachloride (D019)	10 (4.54)
Chlordane (D020)	1 (0.454)
Chlorobenzene (D021)	100 (45.4)
Chloroform (D022)	10 (4.54)
Chromium (D007)	10 (4.54)
o-Cresol (D023)	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
m-Cresol (D024)	100 (45.4)
p-Cresol (D025)	100 (45.4)
Cresol (D026)	100 (45.4)
2,4-D (D016)	100 (45.4)
1,4-Dichlorobenzene (D027)	100 (45.4)
1,2-Dichloroethane (D028)	100 (45.4)
1,1-Dichloroethylene (D029)	100 (45.4)
2,4-Dinitrotoluene (D030)	10 (4.54)
Endrin (D012)	1 (0.454)
Heptachlor (and epoxide) (D031)	1 (0.454)
Hexachlorobenzene (D032)	10 (4.54)
Hexachlorobutadiene (D033)	1 (0.454)
Hexachloroethane (D034)	100 (45.4)
Lead (D008)	10 (4.54)
Lindane (D013)	1 (0.454)
Mercury (D009)	1 (0.454)
Methoxychlor (D014)	1 (0.454)
Methyl ethyl ketone (D035)	5000 (2270)
Nitrobenzene (D036)	1000 (454)
Pentachlorophenol (D037)	10 (4.54)
Pyridine (D038)	1000 (454)
Selenium (D010)	10 (4.54)
Silver (D011)	1 (0.454)
Tetrachloroethylene (D039)	100 (45.4)
Toxaphene (D015)	1 (0.454)
Trichloroethylene (D040)	100 (45.4)
2,4,5-Trichlorophenol (D041)	10 (4.54)
2,4,6-Trichlorophenol (D042)	10 (4.54)
2,4,5-TP (D017)	100 (45.4)
Vinyl chloride (D043)	1 (0.454)
Uracil mustard	10 (4.54)
Uranyl acetate	100 (45.4)
Uranyl nitrate	100 (45.4)
Urea, N-ethyl-N-nitroso-	1 (0.454)
Urea, N-methyl-N-nitroso-	1 (0.454)
Urethane	100 (45.4)
Vanadic acid, ammonium salt	1000 (454)
Vanadium oxide V_2O_5	1000 (454)
Vanadium pentoxide	1000 (454)
Vanadyl sulfate	1000 (454)
Vinyl acetate	5000 (2270)
Vinyl acetate monomer	5000 (2270)
Vinylamine, N-methyl-N-nitroso-	10 (4.54)
Vinyl bromide	100 (45.4)
Vinyl chloride	1 (0.454)
Vinylidene chloride	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Warfarin, & salts	100 (45.4)
Xylene	100 (45.4)
m-Xylene	1000 (454)
o-Xylene	1000 (454)
p-Xylene	100 (45.4)
Xylene (mixed)	100 (45.4)
Xylenes (isomers and mixture)	100 (45.4)
Xylenol	1000 (454)
Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester (3beta,16beta,17alpha,18beta, 20alpha)	5000 (2270)
Zinc[¢]	1000 (454)
Zinc acetate	1000 (454)
Zinc ammonium chloride	1000 (454)
Zinc, bis(dimethylcarbamodithioato-S,S')-	10 (4.54)
Zinc borate	1000 (454)
Zinc bromide	1000 (454)
Zinc carbonate	1000 (454)
Zinc chloride	1000 (454)
Zinc cyanide $Zn(CN)_2$	10 (4.54)
Zinc fluoride	1000 (454)
Zinc formate	1000 (454)
Zinc hydrosulfite	1000 (454)
Zinc nitrate	1000 (454)
Zinc phenolsulfonate	5000 (2270)
Zinc phosphide Zn_3P_2	100 (45.4)
Zinc silicofluoride	5000 (2270)
Zinc sulfate	1000 (454)
Ziram	10 (4.54)
Zirconium nitrate	5000 (2270)
Zirconium potassium fluoride	1000 (454)
Zirconium sulfate	5000 (2270)
Zirconium tetrachloride	5000 (2270)
F001	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Trichloroethylene	100 (45.4)
(c) Methylene chloride	1000 (454)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Carbon tetrachloride	10 (4.54)
(f) Chlorinated fluorocarbons	5000 (2270)
F002	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Methylene chloride	1000 (454)
(c) Trichloroethylene	100 (45.4)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Chlorobenzene	100 (45.4)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	5000 (2270)
(g) o-Dichlorobenzene	100 (45.4)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
(h) Trichlorofluoromethane	5000 (2270)
(i) 1,1,2-Trichloroethane	100 (45.4)
F003	100 (45.4)
(a) Xylene	1000 (454)
(b) Acetone	5000 (2270)
(c) Ethyl acetate	5000 (2270)
(d) Ethylbenzene	1000 (454)
(e) Ethyl ether	100 (45.4)
(f) Methyl isobutyl ketone	5000 (2270)
(g) n-Butyl alcohol	5000 (2270)
(h) Cyclohexanone	5000 (2270)
(i) Methanol	5000 (2270)
F004	100 (45.4)
(a) Cresols/Cresylic acid	100 (45.4)
(b) Nitrobenzene	1000 (454)
F005	100 (45.4)
(a) Toluene	1000 (454)
(b) Methyl ethyl ketone	5000 (2270)
(c) Carbon disulfide	100 (45.4)
(d) Isobutanol	5000 (2270)
(e) Pyridine	1000 (454)
F006	10 (4.54)
F007	10 (4.54)
F008	10 (4.54)
F009	10 (4.54)
F010	10 (4.54)
F011	10 (4.54)
F012	10 (4.54)
F019	10 (4.54)
F020	1 (0.454)
F021	1 (0.454)
F022	1 (0.454)
F023	1 (0.454)
F024	1 (0.454)
F025	1 (0.454)
F026	1 (0.454)
F027	1 (0.454)
F028	1 (0.454)
F032	1 (0.454)
F034	1 (0.454)
F035	1 (0.454)
F037	1 (0.454)
F038	1 (0.454)
F039	1 (0.454)
K001	1 (0.454)
K002	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K003	10 (4.54)
K004	10 (4.54)
K005	10 (4.54)
K006	10 (4.54)
K007	10 (4.54)
K008	10 (4.54)
K009	10 (4.54)
K010	10 (4.54)
K011	10 (4.54)
K013	10 (4.54)
K014	5000 (2270)
K015	10 (4.54)
K016	1 (0.454)
K017	10 (4.54)
K018	1 (0.454)
K019	1 (0.454)
K020	1 (0.454)
K021	10 (4.54)
K022	1 (0.454)
K023	5000 (2270)
K024	5000 (2270)
K025	10 (4.54)
K026	1000 (454)
K027	10 (4.54)
K028	1 (0.454)
K029	1 (0.454)
K030	1 (0.454)
K031	1 (0.454)
K032	10 (4.54)
K033	10 (4.54)
K034	10 (4.54)
K035	1 (0.454)
K036	1 (0.454)
K037	1 (0.454)
K038	10 (4.54)
K039	10 (4.54)
K040	10 (4.54)
K041	1 (0.454)
K042	10 (4.54)
K043	10 (4.54)
K044	10 (4.54)
K045	10 (4.54)
K046	10 (4.54)
K047	10 (4.54)
K048	10 (4.54)
K049	10 (4.54)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K050	10 (4.54)
K051	10 (4.54)
K052	10 (4.54)
K060	1 (0.454)
K061	10 (4.54)
K062	10 (4.54)
K064	10 (4.54)
K065	10 (4.54)
K066	10 (4.54)
K069	10 (4.54)
K071	1 (0.454)
K073	10 (4.54)
K083	100 (45.4)
K084	1 (0.454)
K085	10 (4.54)
K086	10 (4.54)
K087	100 (45.4)
K088	10 (4.54)
K090	10 (4.54)
K091	10 (4.54)
K093	5000 (2270)
K094	5000 (2270)
K095	100 (45.4)
K096	100 (45.4)
K097	1 (0.454)
K098	1 (0.454)
K099	10 (4.54)
K100	10 (4.54)
K101	1 (0.454)
K102	1 (0.454)
K103	100 (45.4)
K104	10 (4.54)
K105	10 (4.54)
K106	1 (0.454)
K107	10 (4.54)
K108	10 (4.54)
K109	10 (4.54)
K110	10 (4.54)
K111	10 (4.54)
K112	10 (4.54)
K113	10 (4.54)
K114	10 (4.54)
K115	10 (4.54)
K116	10 (4.54)
K117	1 (0.454)
K118	1 (0.454)

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K123	10 (4.54)
K124	10 (4.54)
K125	10 (4.54)
K126	10 (4.54)
K131	100 (45.4)
K132	1000 (454)
K136	1 (0.454)
K141	1 (0.454)
K142	1 (0.454)
K143	1 (0.454)
K144	1 (0.454)
K145	1 (0.454)
K147	1 (0.454)
K148	1 (0.454)
K149	10 (4.54)
K150	10 (4.54)
K151	10 (4.54)
K156	10 (4.54)
K157	10 (4.54)
K158	10 (4.54)
K159	10 (4.54)
K161	1 (0.454)
K169	10 (4.54)
K170	1 (0.454)
K171	1 (0.454)
K172	1 (0.454)
K174	1 (0.454)
K175	1 (0.454)
K176	1 (0.454)
K177	5000 (2270)
K178	1000 (454)
K181	1 (0.454)

[¢]The RQ for these hazardous substances is limited to those pieces of the metal having a diameter smaller than 100 micrometers (0.004 inches).

[¢]The RQ for asbestos is limited to friable forms only.

[@]Indicates that the name was added by PHMSA because (1) the name is a synonym for a specific hazardous substance and (2) the name appears in the Hazardous Materials Table as a proper shipping name.

[#]To provide consistency with EPA regulations, two entries with different CAS numbers are provided. Refer to the EPA Table 302.4—List of Hazardous Substances and Reportable Quantities for an explanation of the two entries.

APPENDIX B

EMERGENCY COORDINATORS

Appendix B

EMERGENCY COORDINATORS

NAME	WORK PHONE	MOBILE PHONE
PRIMARY		
Craig West	719-561-6536	248-4635
SECONDARY		
Jim Rodacy	719-561-6441	252-3031
ALTERNATE		
Nathan Hoffmeyer	719-561-6404	568-5486
Alex Bechthold	719-561-6640	250-1326

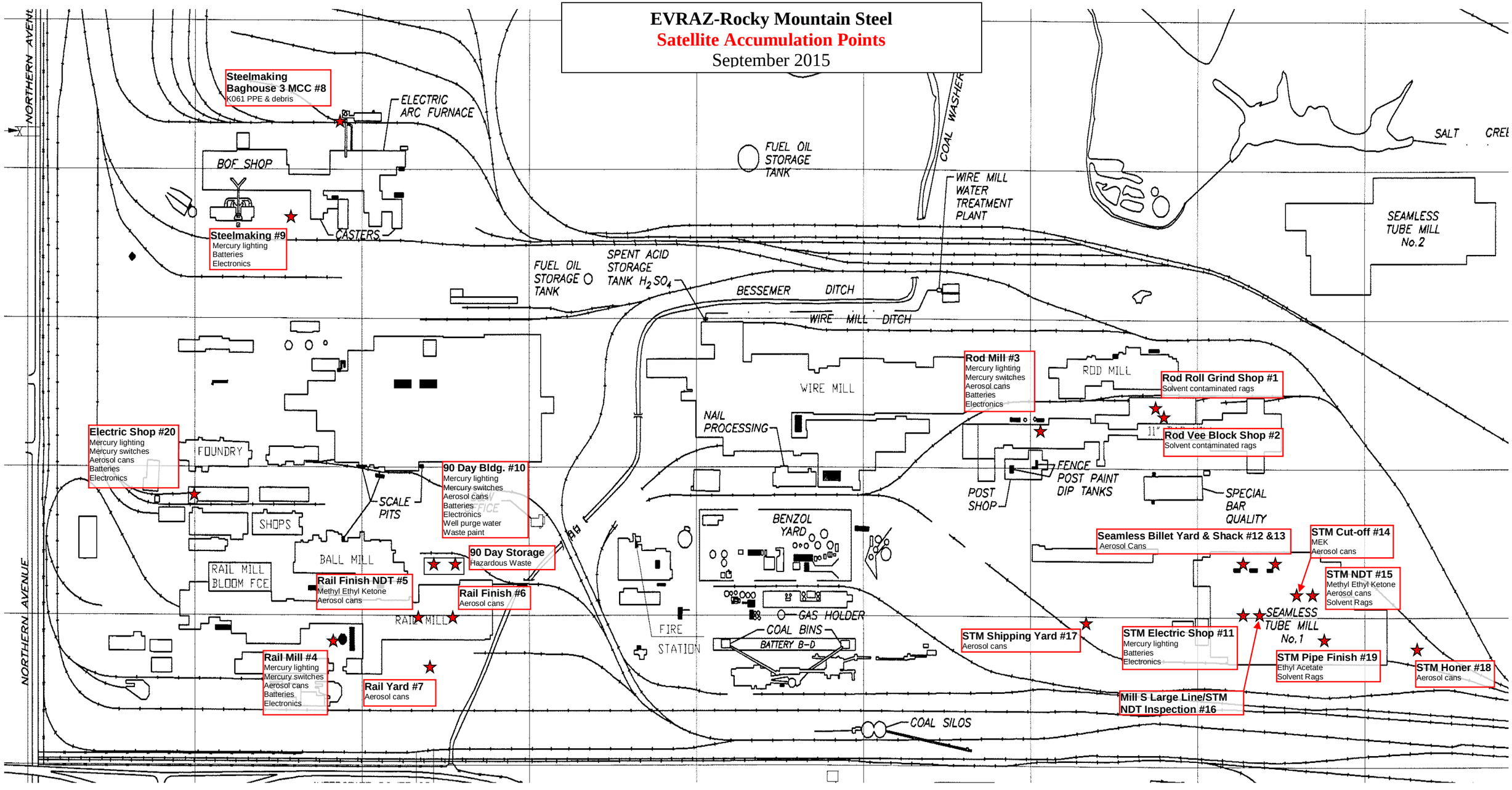
APPENDIX C

DRAWINGS

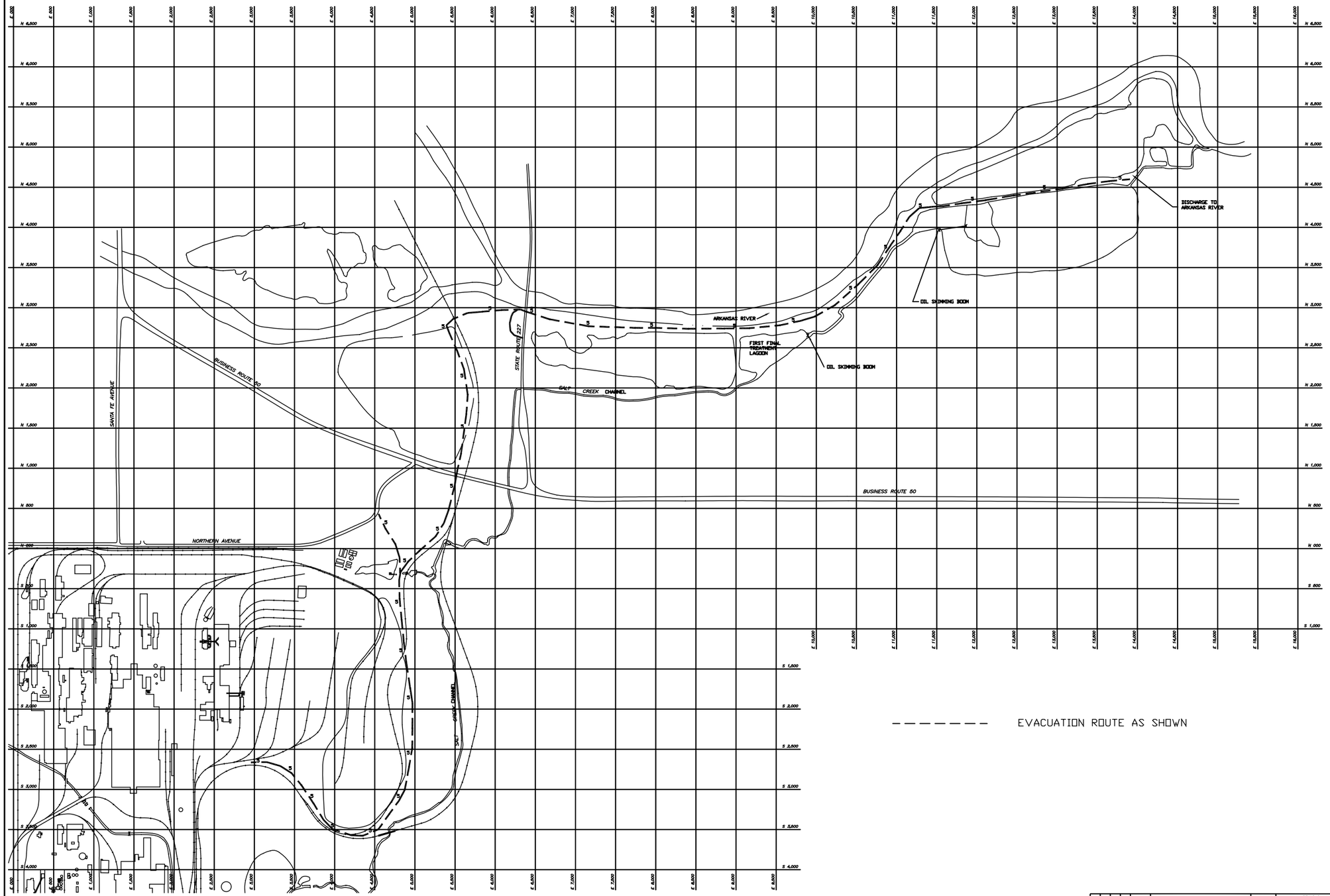
EVRAZ-Rocky Mountain Steel

Satellite Accumulation Points

September 2015



ENVIRONMENTAL
Hazardous Waste Accumulation Point
Locations within Plant



DWG. NO.	REFERENCE	DWG. NO.	REFERENCE

REV	REMARKS	DATE	BY
A	CHGD CO. NAME IN TITLE BLOCK	3-31-93	JJF

REV	REMARKS	DATE	BY

MACHINE FINISHES ON THIS DRAWING CONFORM TO A. I. S. E. STANDARDS

SYMBOL									
CLASS	ROUGH FINISH	FOR SCREW	GRINDING	MACHINE	FINE	FINE FINISH	MACHINE	FINE GRINDING	GRINDING	FLUSH OFF
NIRCO INCH RMS VALUE	4	8	16	32	63	125	250	500	1000	2000
TOLERANCE	± 0.0005	± 0.0005	± 0.002	± 0.002	± 0.005	± 0.004	± 0.007	± 0.010	± 0.020	± 0.030

MACHINE TOLERANCE UNLESS OTHERWISE SPECIFIED
MACHINE FRACTIONAL DIMENSIONS ±1/64
MACHINE DECIMAL DIMENSIONS ±.005

MATL.	DESCRIPTION	MARK	REMARKS	EST WT	REV

BASE

WHERE USED

CF&I STEEL, L. P.
PUEBLO, COLORADO

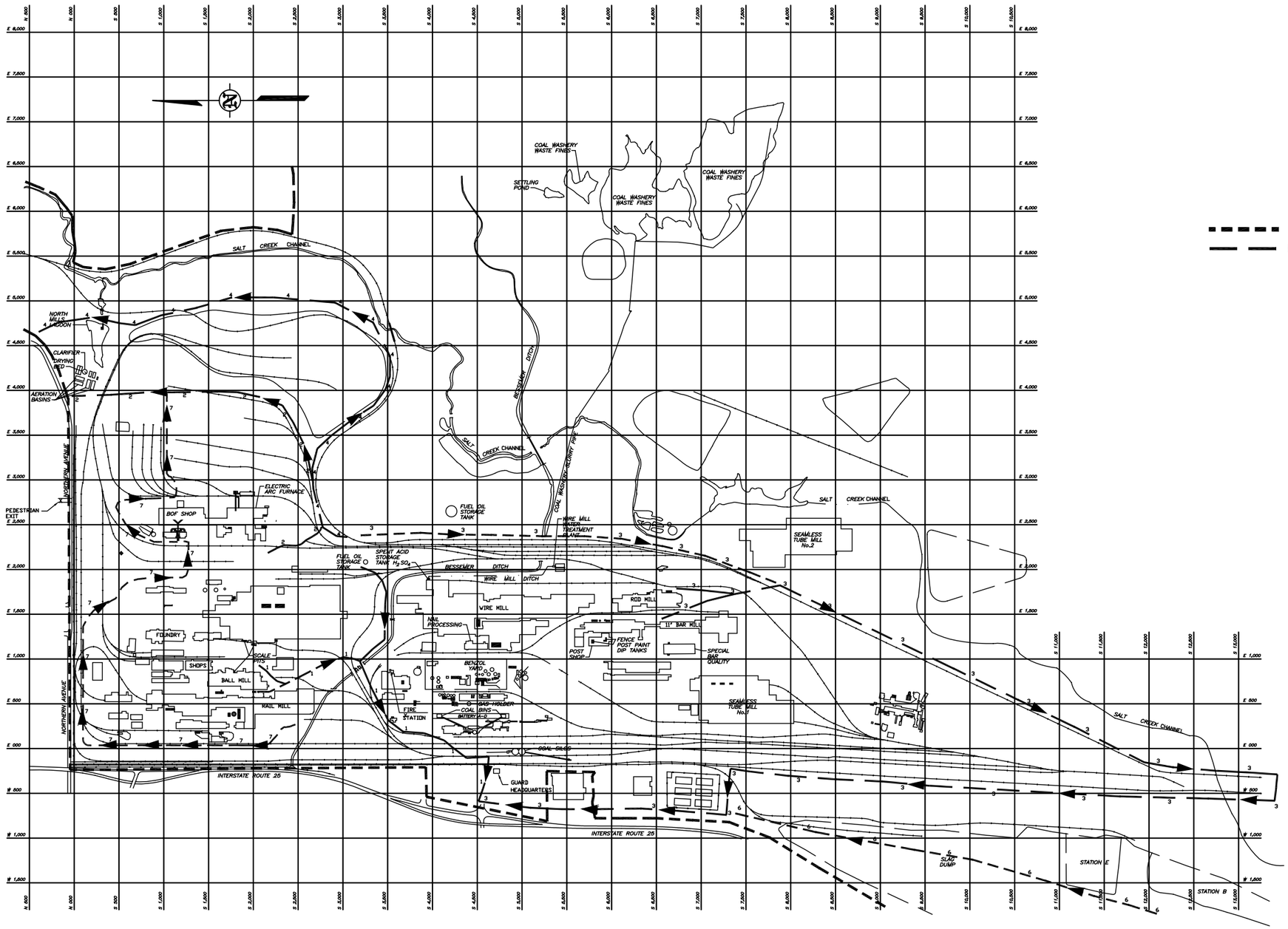
AIR WATER QUALITY CONTROL
SPCC PLAN
SITE EVACUATION PLAN
FINAL TREATMENT

DRAWN PA
TRACED
CHECKED
CHIEF DRAFTSMAN

SCALE 1"=500' DATE 2-9-93
APPROVED
CHIEF ENGINEER
APPROVED

DRAWING NO.
69286

ACAD



PLANT BOUNDRY
EVACUATION ROUTES AS SHOWN.

NOTE:
1. EACH DEPARTMENT HAS INDIVIDUAL EVACUATION PLANS
2. EVACUATION ORDERS WILL BE INITIATED BY PLANT PROTECTION, BY USING ONE OR ALL OF THE FOLLOWING:
   .CONTINUOUS PLANT WHISTLE
   .TELEPHONE COMMUNICATION
   .PORTABLE RADIO
   .INDIVIDUAL CONTACT
3. TELEPHONES ARE LOCATED IN MOST MAJOR BUILDINGS.

SCALE, FEET
500 0 500 1000

REMCOR

69286	EVAC. PLAN FINAL TREATMENT
69288	PCB TRANSFORMER LOCATIONS
69289	HAZARDOUS CHEM. & PRODUCTS LOCATIONS

REV	REMARKS	DATE	BY
C	ADD EVACUATION ROUTE #7	6-8-00	PA
B	ADDED DIRECTION ARROWS	8-3-95	HWF
A	CHGD CO. NAME IN TITLE BLOCK	3-31-93	JJF

DWG. NO. | REFERENCE

MACHINE FINISHES ON THIS DRAWING CONFORM TO A.I.S.E. STANDARDS

SYMBOL										
CLASS	ROUGH FORGING	ROL.SKIN	GROUND	SHEARED	FINE	FINE FINE	MEDIUM	MED. MEDIUM	ROUGH	BLEND OF
MIRCO INCH RMS VALUE	4	8	16	32	63	125	250	500	1000	2000
TOLERANCE	±.0005	±.001	±.002	±.005	±.010	±.020	±.030	±.060	±.010	±.030

MACHINE TOLERANCE UNLESS OTHERWISE SPECIFIED
MACHINE FRACTIONAL DIMENSIONS ±1/64
MACHINE DECIMAL DIMENSIONS ±.005

ACAD

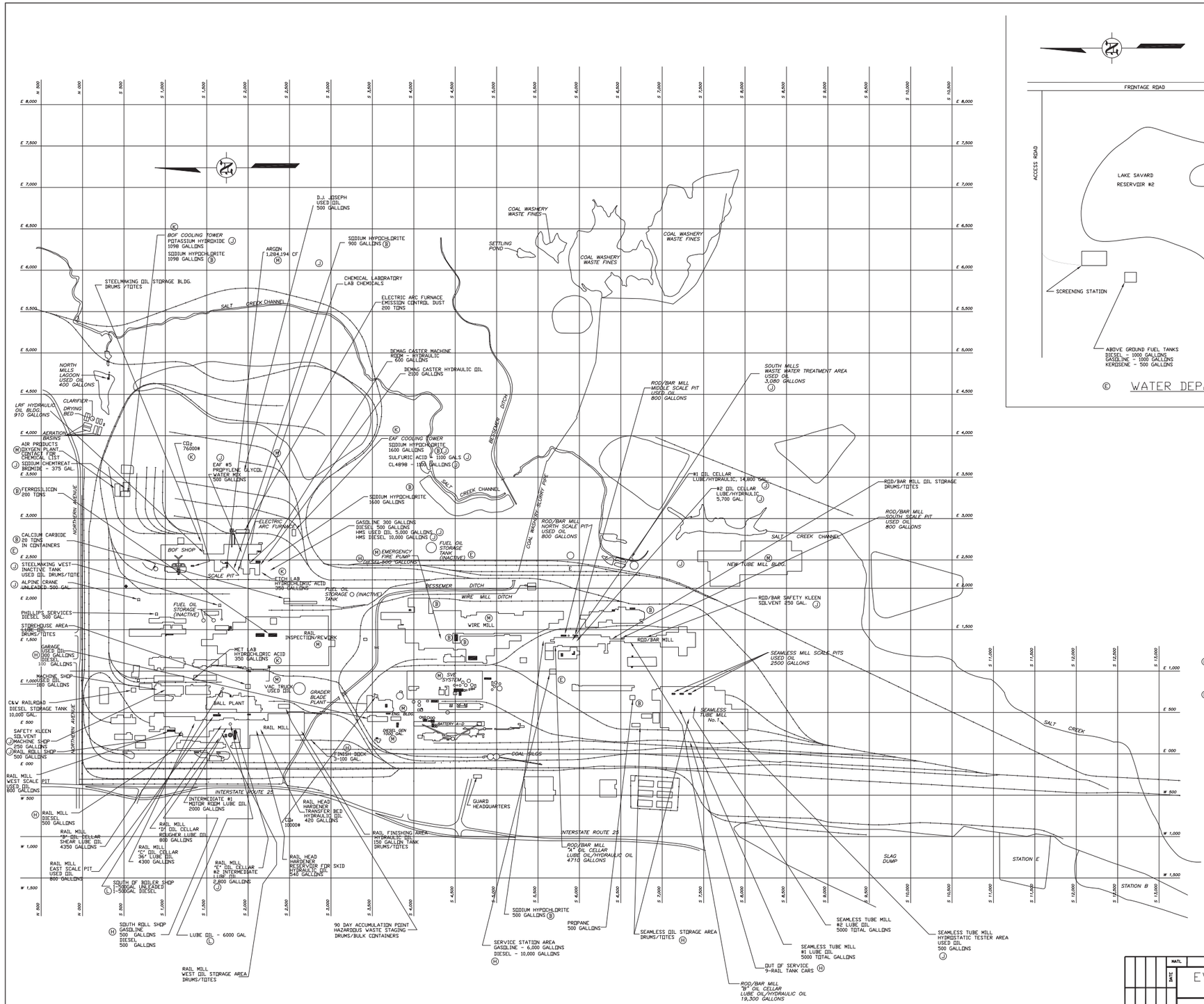
MATL.	DESCRIPTION	MARK	REMARKS	EST WT	REV

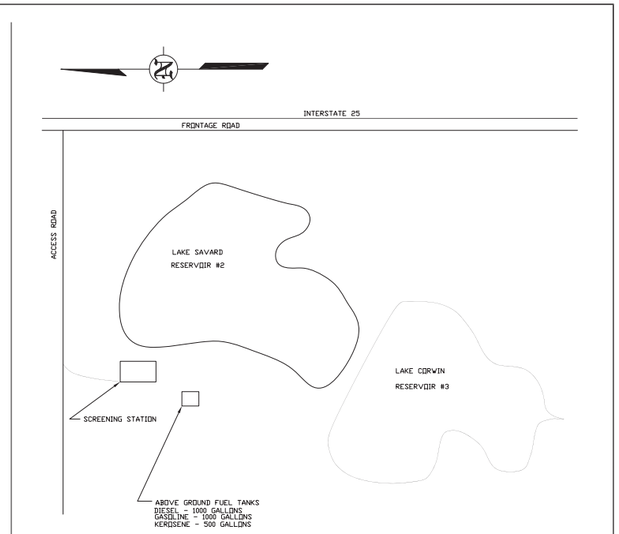
CF&I STEEL, L. P.
PUEBLO, COLORADO

AIR WATER QUALITY CONTROL
SPCC PLAN
SITE EVACUATION PLAN
PLANT

DRAWN PA | SCALE 1"=500' | DATE 2-9-93
TRACED | APPROVED
CHECKED | APPROVED
CHIEF DRAFTSMAN | CHIEF ENGINEER

DRAWING NO. 69287





Ⓔ WATER DEPARTMENT / RESERVOIRS PLAN

NOTE:
SMALL QUANTITIES OF HAZARDOUS CHEMICALS SUCH AS PAINTS, ANTIFREEZE, MAINTENANCE SOLVENTS, AND LUBRICANTS ARE LOCATED THRU OUT THE PLANT.

Ⓔ CONTACT AIR PRODUCTS FOR CHEMICAL LIST & LOCATION.

Ⓜ CONTACT FOR CHEMICAL LIST AND LOCATION.

SCALE, FEET
500 0 500 1000

DWG. NO.	REFERENCE	DWG. NO.	REFERENCE
69286	PCB TRANSFORMER LOCATIONS		
69287			
69286			

REV	REMARKS	DATE	BY
G	GENERAL REVESION	3-20-01	PA
F	LOCA. CHG. BAR MILL DRUMS	12-28-00	PA
E	GENERAL ADDED WATER DEPT.	4/3/00	BCZ
D	GENERAL UPDATE	11/4/97	BCZ
C	ADDED GARAGE	8-9-95	HWF
B	GENERAL REVISION	8-3-95	HWF
A	CHGD CO. NAME IN TITLE BLOCK	3-31-93	JJF

REV	REMARKS	DATE	BY
M	GENERAL UPDATE	6/11/15	LKM
L	GENERAL REVISION	12/18/12	BND
K	GENERAL REVISION	2/9/10	US
J	GENERAL REVISION	6/16/09	US
H	GENERAL REVISION	1/26/04	BCZ

MACHINE FINISHES ON THIS DRAWING CONFORM TO A. I. S. E. STANDARDS

SYMBOL									
CLASS	SUPER FINISH	MEDIUM	GROUND	SMOOTH	FINE	SEMI FINE	MEDIUM	SEMI ROUGH	ROUGH	CLOSE UP
MIRCO INCH RMS VALUE	4	8	16	32	63	125	250	500	1000	2000
TOLERANCE	± .0005	± .0005	± .001	± .002	± .003	± .004	± .007	± .013	± .015	± .030

MACHINE TOLERANCE UNLESS OTHERWISE SPECIFIED
MACHINE FRACTIONAL DIMENSIONS ±1/64
MACHINE DECIMAL DIMENSIONS ± .005

ACAD

MATL.	DESCRIPTION	MARK	REMARKS	EST WT	REV

DATE
MORE USED
CHECKED BY

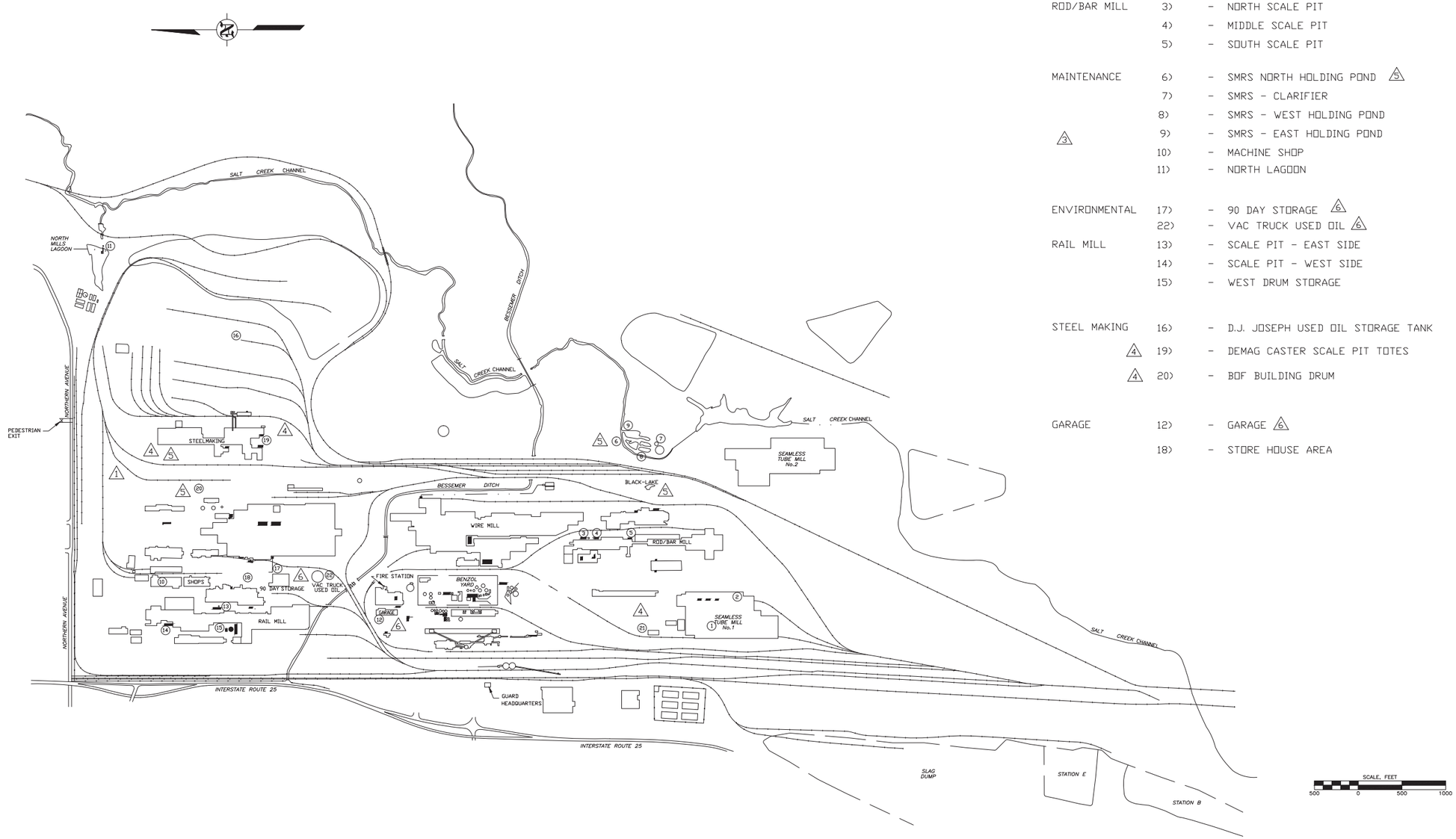
EVRAZ ROCKY MOUNTAIN STEEL
PUEBLO, COLORADO

ENVIRONMENTAL DEPARTMENT
SPCC PLAN
HAZARDOUS CHEMICALS & PRODUCTS LOCATIONS

DRAWN PA
TRACED
CHECKED
CHIEF DRAFTSMAN

SCALE 1"=500' DATE 2-10-93
APPROVED
APPROVED
CHIEF ENGINEER

DRAWING NO. 69289



OIL PICKUP POINTS

SEAMLESS MILL	1)	-	HYDRAULIC TESTER
	2)	-	500 GAL CONTAINERS FROM THE SCALE PITS AND USED OIL DRUMS.
	△4 21)	-	OIL HOUSE
ROD/BAR MILL	3)	-	NORTH SCALE PIT
	4)	-	MIDDLE SCALE PIT
	5)	-	SOUTH SCALE PIT
MAINTENANCE	6)	-	SMRS NORTH HOLDING POND △5
	7)	-	SMRS - CLARIFIER
	8)	-	SMRS - WEST HOLDING POND
△3	9)	-	SMRS - EAST HOLDING POND
	10)	-	MACHINE SHOP
	11)	-	NORTH LAGOON
ENVIRONMENTAL	17)	-	90 DAY STORAGE △6
	22)	-	VAC TRUCK USED OIL △6
RAIL MILL	13)	-	SCALE PIT - EAST SIDE
	14)	-	SCALE PIT - WEST SIDE
	15)	-	WEST DRUM STORAGE
STEEL MAKING	16)	-	D.J. JOSEPH USED OIL STORAGE TANK
	△4 19)	-	DEMAG CASTER SCALE PIT TOTES
	△4 20)	-	BOF BUILDING DRUM
GARAGE	12)	-	GARAGE △6
	18)	-	STORE HOUSE AREA

69286	EVAC. PLAN FINAL TREATMENT				
69287	PLANT EVACUATION				
69288	PCB TRANSFORMER LOCATIONS				
69289	HAZARDOUS CHEM. & PRODUCTS LOCATIONS				
DWG. NO.	REFERENCE	DWG. NO.	REFERENCE	REV	REMARKS

REV	REMARKS	DATE	BY
6	GENERAL UPDATE	6-12-15	LKM
5	CHANGED 6, MOVED 20	6-16-09	US
△4	GENERAL REVISION	1-26-94	BCZ
3	GENERAL REVISION	3-20-01	PA
2	DELETED WIRE MILL NO. 13	6-7-00	PA
1	DELETED DIESEL SHOP	2/3/98	URS

MACHINE FINISHES ON THIS DRAWING CONFORM TO A. I. S. E. STANDARDS

SYMBOL										
CLASS	SUPER FINISH	POLISH	GROUND	SMOOTH	FINE	SEMI FINE	MEDIUM	SEMI ROUGH	ROUGH	CLEAN UP
MICRO INCH RMS VALUE	4	8	16	32	63	125	250	500	1000	2000
TOLERANCE	±.0005	±.0005	±.001	±.002	±.003	±.004	±.007	±.013	±.025	±.050

MACHINE TOLERANCE UNLESS OTHERWISE SPECIFIED
MACHINE FRACTIONAL DIMENSIONS ±1/64
MACHINE DECIMAL DIMENSIONS ±.005

ACAD

MATL	DESCRIPTION	MARK	REMARKS	EST WT	REV

DATE

WHERE USED

CHANGE ORDER

ROCKY MOUNTAIN STEEL MILLS
PUEBLO, COLORADO

ENVIRONMENTAL
USED OIL - COLLECTION
LOCATIONS
WITHIN PLANT

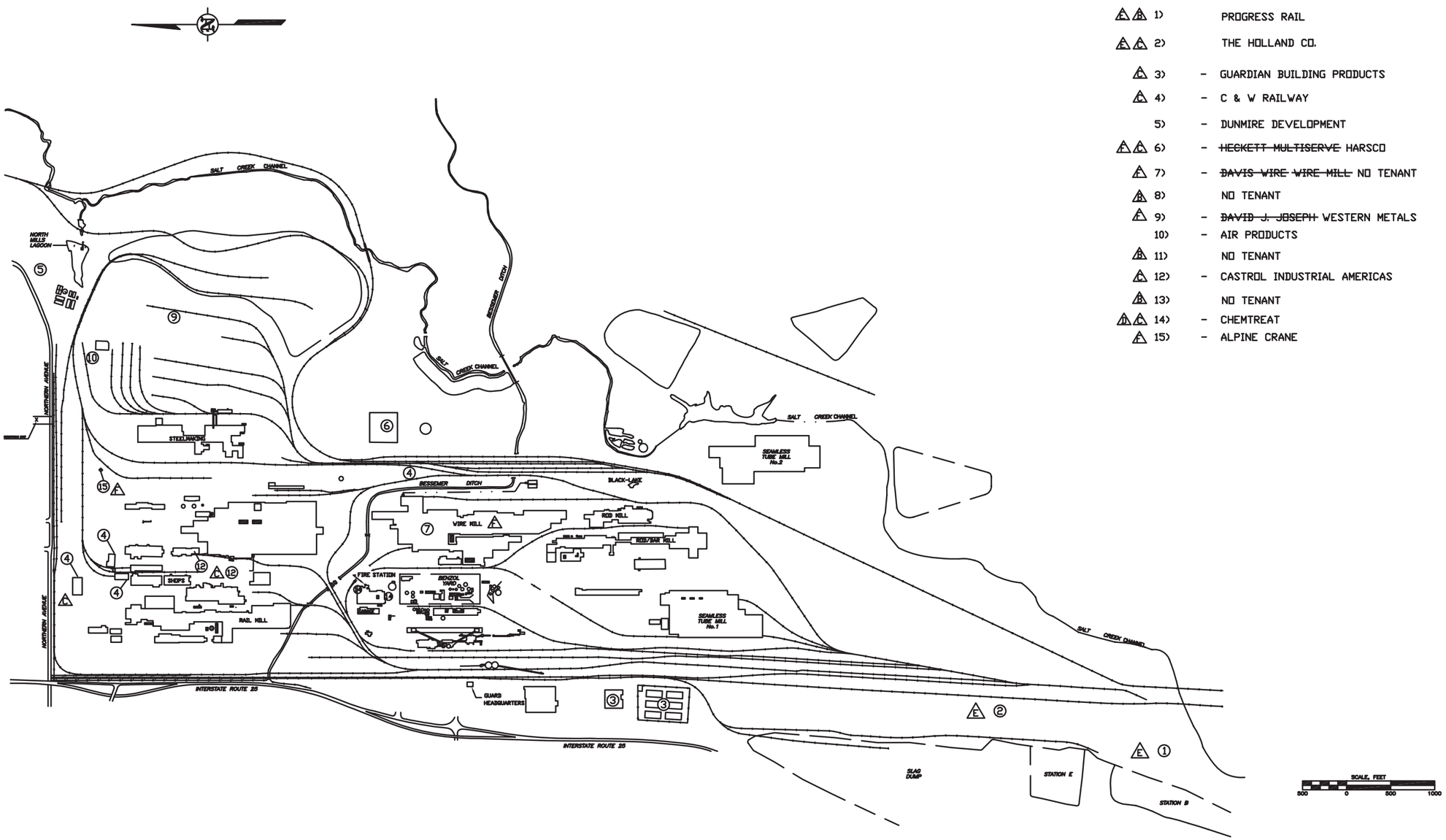
DRAWN PA
TRACED
CHECKED
CHIEF DRAFTSMAN

SCALE 1"=500' DATE 1-23-97
APPROVED
CHIEF ENGINEER
APPROVED

DRAWING NO.
73512

RMSM TENANT LOCATIONS

E B	1)	PROGRESS RAIL
E C	2)	THE HOLLAND CO.
C	3)	- GUARDIAN BUILDING PRODUCTS
C	4)	- C & W RAILWAY
	5)	- DUNMIRE DEVELOPMENT
E C	6)	- ~~HECKETT MULTISERVE~~ HARSCO
E	7)	- ~~DAVIS WIRE WIRE MILL~~ NO TENANT
B	8)	NO TENANT
E	9)	- ~~DAVID J. JOSEPH~~ WESTERN METALS
	10)	- AIR PRODUCTS
B	11)	NO TENANT
C	12)	- CASTROL INDUSTRIAL AMERICAS
B	13)	NO TENANT
A C	14)	- CHEMTREAT
E	15)	- ALPINE CRANE



69286	EVAC. PLAN FINAL TREATMENT												
69287	PLANT EVACUATION			F	GENERAL UPDATE	6-12-15	LKM						
69288	PCB TRANSFORMER LOCATIONS			E	ADDED TENANT 1 AND 2	2-9-10	US						
69289	HAZARDOUS CHEM. & PRODUCTS LOCATIONS			D	CHANGED TENANT 14 TO CHEMTREAT	6-16-09	US						
				A	REV. TENANTS 3,4,6,12 & 14	1-26-04	BCZ						
				B	DELETED TENANTS 1-8-11&13	6-7-00	PA						
				A	ADDED NEW TENANTS	10/27/97	BCZ						
DWG. NO.	REFERENCE	DWG. NO.	REFERENCE	REV	REMARKS	DATE	BY	REV	REMARKS	DATE	BY		

MACHINE FINISHES ON THIS DRAWING CONFORM TO A.I.S.E. STANDARDS

SYMBOL										
CLASS	SUPER FINISH	POLISH	GROUND	SMOOTH	FINE	FINE MACH	MEDIUM	MACH. MEDIUM	ROUGH	RAW OR SCALE
MIRCO INCH RMS VALUE	4	8	16	32	63	125	250	500	1000	2000
TOLERANCE	±.0002	±.0005	±.001	±.002	±.005	±.010	±.017	±.030	±.060	±.090

MACHINE TOLERANCE UNLESS OTHERWISE SPECIFIED
MACHINE FRACTIONAL DIMENSIONS ±1/64
MACHINE DECIMAL DIMENSIONS ±.005

ACAD

MATL.	DESCRIPTION	MARK	REMARKS	EST WT	REV

DATE

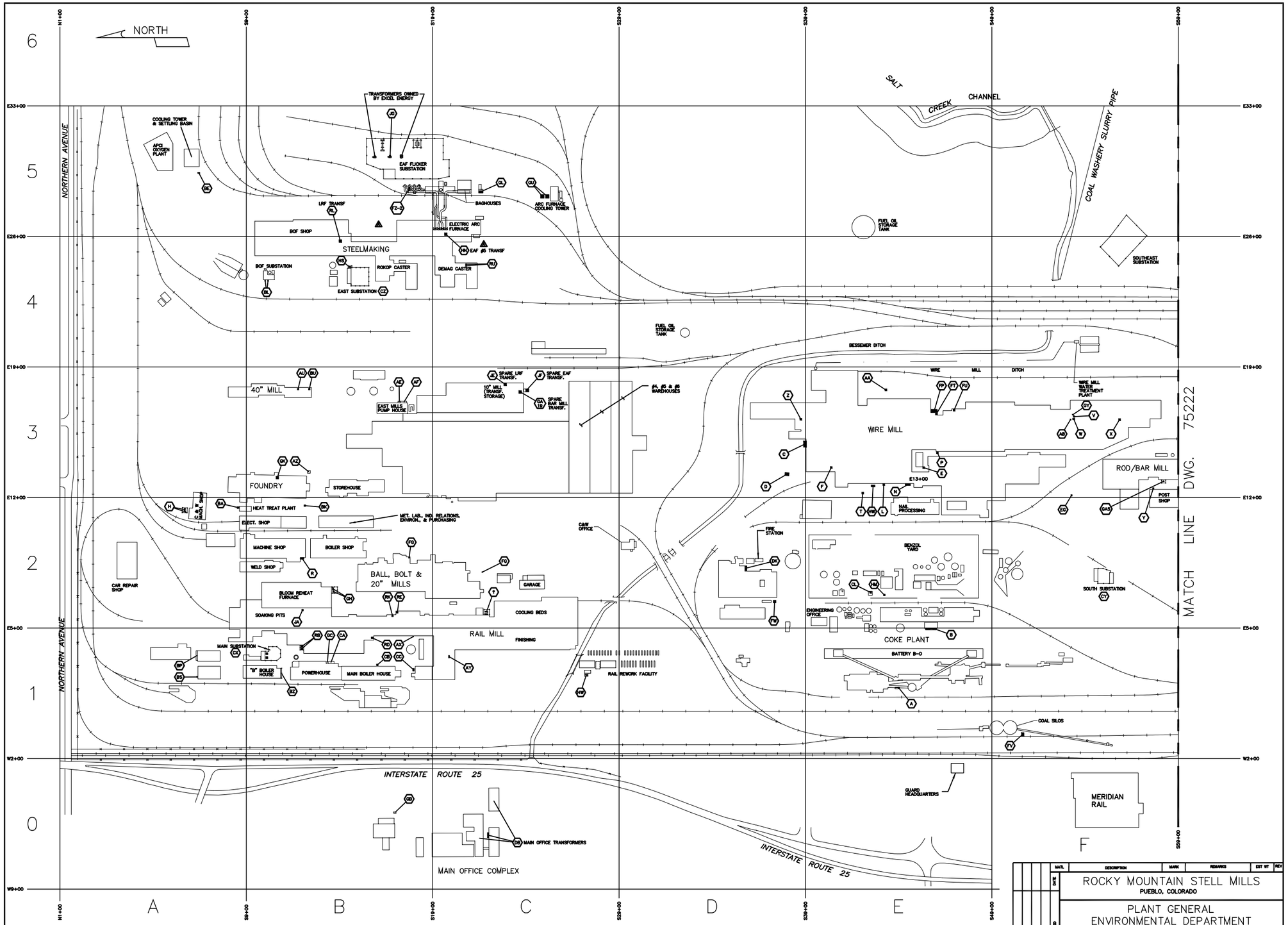
CF&I STEEL, L. P.
PUEBLO, COLORADO

MACHINE SHOP

ENVIRONMENTAL
TENANT
LOCATIONS
WITHIN PLANT

DRAWN PA
TRACED
CHECKED
CHIEF ENGINEER
CHIEF DRAFTSMAN
APPROVED
SCALE 1"=500' DATE 1-23-97
APPROVED

DRAWING NO.
73513



(XX) INDICATES SUBSTATION NUMBER OF TRANSFORMER INVENTORY, CONTAINED IN O-MANUAL O-2126.

DWG. NO.	REFERENCE	REV	REMARKS	DATE	BY
O-2126	TRANSFORMER INVENTORY DOCUMENTS				
35001	ELECTRICAL BASE MAPS				
75222	OIL-FILLED TRANSF. LOCATIONS, SH. 2	A	DELETED EAF #3 TRANSF. CHG'D. EAF #4 TO EAF #5 TRANSF.	6/16/09	US

MATL	DESCRIPTION	MARK	REMARKS	EST WT	REV

DATE

WORK USED

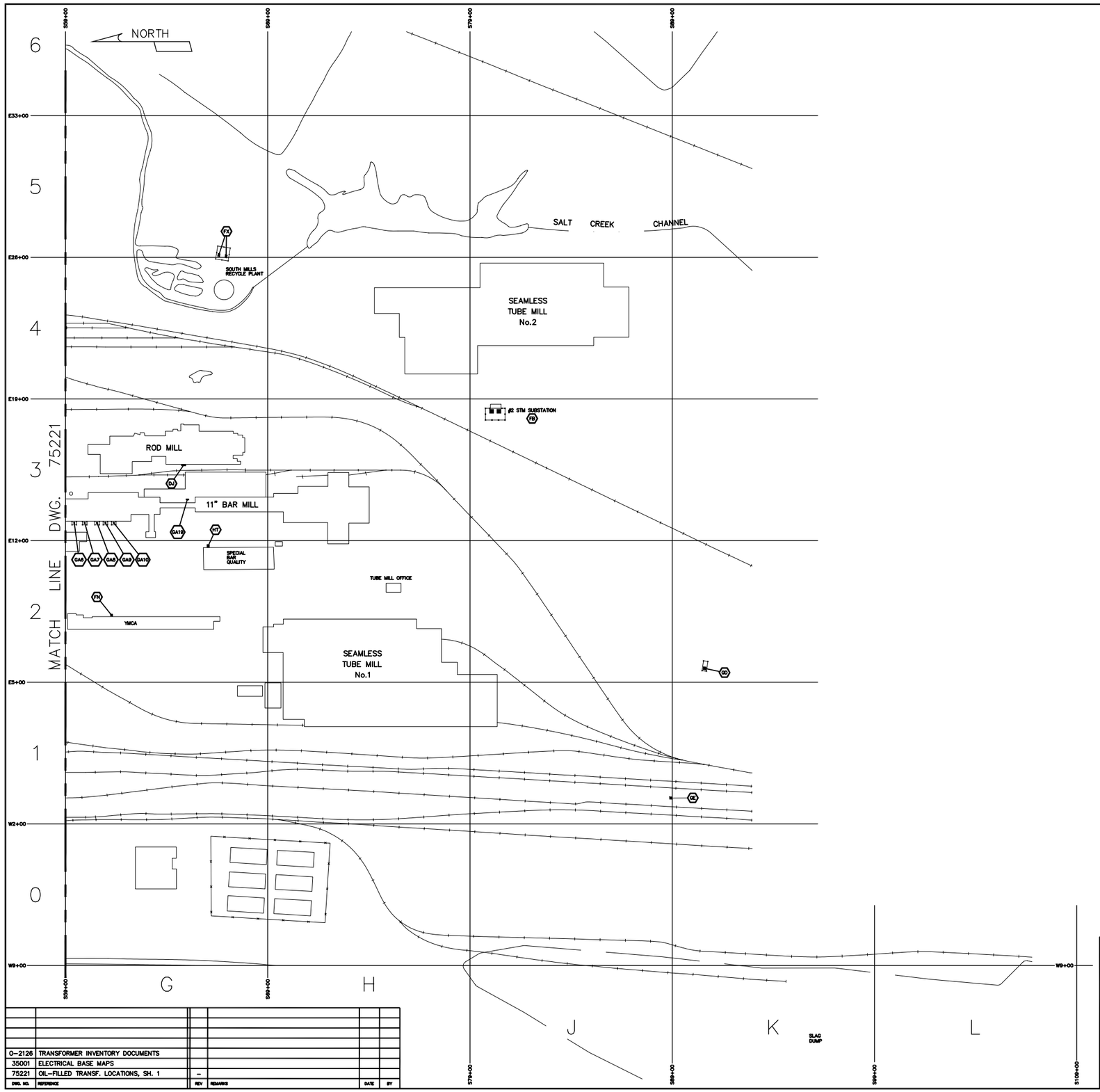
ROCKY MOUNTAIN STELL MILLS
PUEBLO, COLORADO

PLANT GENERAL
ENVIRONMENTAL DEPARTMENT
OIL FILLED TRANSFORMERS
LOCATION DRAWING, SHEET 1

DRAWN URS
TRACED
CHECKED
CHIEF DRAFTSMAN

SCALE 1"=200' DATE 1/10/03
APPROVED
CHIEF ENGINEER
APPROVED

DRAWING NO. 75221



INDICATES SUBSTATION NUMBER OF TRANSFORMER INVENTORY, CONTAINED IN O-MANUAL O-2126.

DWG. NO.	REFERENCE	REV	REMARKS	DATE	BY
O-2126	TRANSFORMER INVENTORY DOCUMENTS				
35001	ELECTRICAL BASE MAPS				
75221	OIL-FILLED TRANSF. LOCATIONS, SH. 1	–			

MAT'L	DESCRIPTION	MARK	REMARKS	EST WT	REV

DATE

WHERE USED

ROCKY MOUNTAIN STEEL MILLS
PUEBLO, COLORADO

PLANT GENERAL
ENVIRONMENTAL DEPARTMENT
OIL FILLED TRANSFORMERS
LOCATION DRAWING, SHEET 2

DRAWN URS
TRACED
CHECKED
CHIEF DRAFTSMAN

SCALE 1"=200' DATE 1/10/03
APPROVED
CHIEF ENGINEER
APPROVED

DRAWING NO.
75222

APPENDIX D

ONSITE EMERGENCY RESPONSE AND HEAVY (NOT DEDICATED) EQUIPMENT

Appendix D

ONSITE EMERGENCY RESPONSE AND HEAVY (NOT DEDICATED) EQUIPMENT

NOTE: ACCESS TO EQUIPMENT CAN BE OBTAINED 24 HOURS/DAY SEVEN DAYS/WEEK BY DIALING "4"

A. Fire Truck & Pumper - Fire Station
750 Gallon Water Tank
2 Booster Hoses
2 Suction Hoses
*2- 2*½" Nozzles
2½" Y
1 ½ Gated Siamese
2 Bars
1 Pike Pole
Ladders (3 in 1)
2 Booster Nozzles
1 Suction Screen 20 Sections 2 ½" hose - ea. 50 ft.
18 Sections 1 ½" hose - ea. 50 ft.
4 Complete SCBA - 4 Extra Bottles.
1 ½" Adapter
1 Hose Clamp
8 Spanners
2 Pair Rubber Gloves
Bolt Cutters
6 Plug Wrenches
1 Extension Cord
1 Rubber Hammer
2 Booster Reel Cranks
Steamer Adapter
Suction Hose Spanner
2 Axes
1 Fan Exhaust
1 Portable 110 Volt Generator
2 Flood Lights
Two Way Radio in Truck Cab

B. Chlorine leak kit to stop leaks on 330 ft^3 bottle cylinders - stored at 90 day building.

C. 1995 Ford Ambulance - Fire Station. The ambulance is equipped with all equipment and supplies as recommended by the Committee on Trauma of the American College of Surgeons, and Pueblo City/County Health Department.

D. Half and full face respirators with a variety of cartridges available at the Fire Station.

E. CO_2 and Dry Power Fire Extinguishers located throughout the plant in all departments. Additional units available at Fire Station.

F. Self Contained Breathing Apparatus (SCBA): Four on Fire Truck, and two on Ambulance. 15 additional (SCBAs) available at Fire Station. Extra air bottles available at Fire Station.

G. Soda Ash - available at 90 day building for neutralization of acid spills.

H. Sorbent pads, pillows, socks, and oil boom available at 90 day building. Available through Guard Headquarters.

I. Fine slag available for diking or containment. Can be obtained through Guard Headquarters.

J. Additional 2-way portable radios are available at Guard Headquarters for use during any emergency.

Onsite Heavy Equipment (not dedicated)

NOTE: Access to equipment can be obtained 24 hours per day seven days per week by dialing "4."

A. Dump Trucks 3 – 15 ton cap.
B. Front end Loaders 3 – 5 cu.yd.cap
C. Dragline
D. Mobile Cranes 8 –12 ton cap.
E. Railroad Engines
F. JLG Manlift & (1) Cherry Picker

APPENDIX E

TENANTS

Appendix E

TENANTS

The Holland Co.		(719) 560-9203
Guardian Building Products		(719) 561-2713
Don Hatfield		
Colorado & Wyoming (C&W) Railway		(719) 561-6358
Dave Morrow		(719) 561-6611
Dunmire Development aka Pueblo Wood Products		(719) 544-2194 / 2196
Bradley D. Dunmire		(719) 948-9754
HARSCO Multiserv		(719) 564-8350
Brandon Headrick	Cell	(205) 453-2336
David J. Joseph/ Western Metals		(719) 240-4286
Bob Powers		
Air Products		
Joe Westerlund	Mobile	(719) 339-3807
Castrol Industrial Americas		(719) 561-6026
Andy Ludwig	Cell	(719) 289-4782
Chemtreat		(719) 561-6533
John McDowell	Cell	(719) 671-1249
Alpine Crane		
John Rippley	Cell	(719) 406-9700
Progress Rail		
Gary Wettern		(719) 225-3822

Note: For locations of tenants, see Drawing 73513.

APPENDIX F

NOTIFICATION REPORT

Evraz Rocky Mountain Steel
Environmental
Hazardous Material Spill/Release Report

Date:_____ Time:_____

Name of Hazardous Material Released:_____

Estimated Quantity Released: _____ pints _____ quarts _____ gallons

Material released to: ___ air ___water ___ soil ____ concrete _____ asphalt

___ secondary containment ____ industrial sewer ___ sanitary sewer

Source of Release: _ < 55 gal container _ 55 gal drum _____ equipment

_____ > 55 gal container; describe size & type: _____

_____

Name of Person Reporting Release: _____

Number of Injuries: _____ Number of Employees Evacuated: _____

Number Sent for Medical Checkup: _____ (attach additional sheet if needed)

Material Contained Within Immediate Area: _____ Yes _____ No

Situation Description: _____

_____

_____

_____

_____

Reportable Quantity: _____ yes _____ no If yes, quantity released: _____ lbs/gallons (circle one)

Reporting Agencies (See Section F for reporting guidelines):		Date	Time
• National Response Center	800-424-8802	_____	_____
• Region VIII EPA	800-227-8917	_____	_____
• Division of Oil & Public Safety	303-318-8547	_____	_____
• Colorado Dept. of Health	877-518-5608	_____	_____
• Pueblo City/County Health Dept	719-583-4300	_____	_____
• Pueblo Emergency Services Bureau (LEPC)	719-583-6125	_____	_____

Date & Time Cleanup Started: _____

Date & Time Cleanup completed: _____

Print Name: _____

Signature: _____ Date: _____

APPENDIX G

MUTUAL AID AGREEMENT

MUTUAL AID AGREEMENT

WHEREAS, the City of Pueblo, hereinafter called the City, and The Colorado Fuel and Iron Corporation, hereinafter called the C. F. & I., each maintain fire departments for the protection of their respective properties; and

WHEREAS, it is to the mutual advantage of each party to provide aid to the other during times when the fire defenses of either are overtaxed.

NOW, THEREFORE, the parties hereto agree as follows:

1. In the event of fire or other emergency on the property or within the jurisdiction of either party, the party so affected may call upon the other to render assistance to the extent of its ability except as limited by the other provisions of this Agreement.

2. In the case of the City, assistance may be requested by the Mayor, City Manager, Director of Public Works, Fire Chief, or Police Chief.

3. In the case of the C. F. & I., officials authorized to request assistance shall include the Vice-President of the Minnequa Plant, the Works Manager, the Chief of Plant Protection, and such other persons as the Vice-President may specify.

4. Either party may refuse to provide aid if in the opinion of the officials above enumerated the conditions are such that rendering aid would jeopardize the lives or property for which the party is primarily responsible.

5. Each party shall protect its employees with workmen's compensation and other benefits to the same degree when rendering aid as is provided when the employees are working within the jurisdiction or on the property of their employer.

6. The party rendering aid shall work under the direction of the party requesting the aid, provided that the party rendering aid may refuse to carry out an order if in the opinion of the person in charge it would unnecessarily jeopardize the lives and property under his control.

7. The mutual protection which each party is to receive from the other shall be the consideration for this Agreement, and no compensation or remuneration shall be

required of either party to this Agreement for services rendered hereunder.

8. Each party hereby releases the other from any and all liability on account of acts or omissions of such party, its agents or employees, in performing services under this Agreement.

9. The Agreement shall take effect on September 1, 1954, and shall continue in force until terminated by either party thirty (30) days after written notice has been served.

SEAL

ATTEST:

/s/ Ellen Blackburn
Deputy City Clerk

CITY OF PUEBLO, a Municipal Corporation,

By /s/ Carl D. Bryant
President of the Council and
Mayor of Pueblo,
a Municipal Corporation.

SEAL

ATTEST:

/s/ D. C. McGrew
D. C. McGrew, Secretary

THE COLORADO FUEL AND IRON CORPORATION, of Pueblo, Colorado,

By /s/ Jay A. Martin
Jay A. Martin, Vice President in
Charge of Operations

APPENDIX H

POTENTIAL CLEANUP CONTRACTORS

Appendix H

Potential Cleanup Contractors

1) Custom Environmental Services (800) 310-7445
(303) 423-9949

2) Waste Management (303) 994-3042
Contact John Wachter

Hazardous Waste Materials

1) Pinyon Environmental (303) 980-5200
Contact Jeremy Musson (303) 505-6176 (cell)

2) Belfor Environmental (800) 930-0011

3) ERM-Rocky Mountain (303) 741-5050
Contact: Mike Kreski

4) RM Cat (800) 930-0011

Asbestos

1) Innovar (719) 540-6550
Contact: Jim Valdez

3) RM Cat (800) 930-0011

APPENDIX I

DOWNSTREAM WATER USERS

Appendix I

DOWNSTREAM WATER USERS

MUNICIPAL USE

Rocky Ford
City Manager
203 South Main Street
Rocky Ford, CO 81067
(719) 254-7414

IRRIGATION USERS

Colorado Canal Company
Alan Ringle
331 Main Street
Ordway , CO 81063
(719) 267-4411

High Line Canal Company
Dan Hendricks
P.O. Box 800
Rocky Ford, CO 81067
(719) 254-4260; Cell 469-4107

Oxford-Farmers Ditch Company
Dave Shepherd
P.O. Box 8
Fowler, CO 81039
(719) 263-4308 Cell 469-2124

*Las Animas Town & Consolidated Canal
Albert McCracken
Las Animas, CO 81054
(719) 456-0984

*Otero Canal Company
Jerry Denton
308 McCreery
La Junta, CO 81050
(719) 384-7128

Fort Bent Ditch Company
Bob Nickelson
Lamar, CO 81052
(719) 336-5930
Brad Owen (719) 336-2186
Cell (719) 940-1290

*Keesee Ditch Company
William Broyles
P.O. Box 7
Lamar, CO 81052
(719) 336-8701

Amity Mutual Irrigation Co
Louie Davis
204 So Main Street
Holly, CO 81047
(719) 537-6627

*Lamar Canal & Irrigation
Ernest Hofmeister
Lamar. CO 81052
(719) 336-7398

Hyde Ditch Company
Linda Seiling
Lamar, CO 81052
(719) 336-4533

Catlin Canal Company
Greg Williams
P O Box 207
Manzanola, CO. 81058
(719) 462-5293

Lower Arkansas Management Assc
(Granada & Lamar Canals, Hyland Irrigation Co.)
Don Higby, P.O. Box 1161
Lamar, CO 81052
(719) 336-9696

Holbrook Mutual Irrigating Co.
Bob Barnhart
27696 Hwy 266
Rocky Ford, CO 81067
(719) 853-6381; Cell 469-1225

*Buffalo Mutual Irrigation
Bill Nordyke
Holly, CO 81047
(719) 537-6856

Rocky Ford Ditch Company
Harry Nelson
P.O. Box 752
Rocky Ford, Co. 81067
(719) 254-7773; Cell 469-1293

Rocky Lyon Canal Company
Ron Callahan
P.O. Box 231
Las Animas, Co. 81054
(719) 384-0868;456-0720;
Cell 469-1160

BESSEMER DITCH

Bessemer Irrigation Ditch Company
Mike Hill (719) 251-0931
Thatcher Building
Pueblo Colorado 81004
(719) 544-8584; Cell 251-0931

St. Charles Mesa Water Ass.
Lee Simpson
1397 South Aspen
Pueblo, Colorado
(719) 542-4380

Note that those irrigation user with an asterix (*) prior to the name could not be confirmed at the time of publication of this report.

APPENDIX J

PLAN DISTRIBUTION LIST

MASTER DISTRIBUTION LIST
SPCC

FULL COPIES (PART I & PART II)

Craig West	Environmental
Jim Rodacy	Environmental
Alex Bechthold	Environmental
Nathan Hoffmeyer	Environmental
Kyle Bilings	Safety & Security
B. Luze	VP and General Manager
K. Knobbe	Rail Mill
M. Erspamer	Quality Assurance
M. Bellino	Seamless Mill
Erik Phytilla	Rod Mill
D. Light	Operations Director
T. Hauter	Engineering
T. Steffani	Maintenance
B. Powers	Western Metals Recycling
B. Headrick	Harsco / Multi-Serv
J. Rippley	Alpine
G. Wettern	Progress Rail
D. Hatfield	Cameron Ashley
G. Saldano	CDPHE-WQCD, Pueblo
Director	CDPHE-WQCD
Director	Pueblo City/County Health Department
Director	HMWMD, CDPHE
Director	St. Mary Corwin Hospital
Fire Chief	Pueblo City Fire Department
K. Ashcraft	Pueblo Department of Emergency Management
Chief of Police	Pueblo Police Department
Sheriff	Pueblo County Sheriff's Department

Revised 9/16