

RECORD OF SURVEY for MORRISON-KNUDSEN CO., INC. Boise Industrial Complex Waste Management Units

Located in the N1/2 of the NW1/4, Sec. 36, T.3N., R.2E., B.M., Ada County, Idaho

Loveless Engineering - 1988

**RECORD OF THE TYPE, LOCATION
AND QUANTITY OF HAZARDOUS WASTES DISPOSED
OF AT THE BOISE INDUSTRIAL COMPLEX**

Pursuant to 40 CFR § 264.119(a), Morrison-Knudsen Company, Inc., a Delaware corporation whose principal place of business is Morrison-Knudsen Plaza, P.O. Box 7808, Boise, Idaho 83729, owner of the Boise Industrial Complex (the "Facility") which is located at 4600 Apple Street, Boise, Idaho 83705, as shown in the attached survey plat file (the "Survey Plat"), hereby describes, to the best of its knowledge, the type, location and quantity of wastes disposed of at the facility:

1. At the Small Paint Shop Drain Field, located as shown on the Survey Plat, an estimated 390 cubic yards of soils may have been affected by discharged wastewater containing low concentrations of F001 and low designated wastes per 40 CFR § 261 Subpart C. Analytical data from past site waste streams indicate that 1,1,1 trichloroethane was the primary constituent of spent solvents from facility degreasing operations. A source of cadmium (D006) has been identified in the review of material used at the facility before 1985.

2. At the Locomotive Shop Drain Field, located as shown in the Survey Plat, an estimated 650 cubic yards of soils may have been affected by discharged wastewaters containing low concentrations of F001 designated wastes per 40 CFR § 261 Subpart C. Analytical data from past facility waste streams indicate that 1,1,1 trichloroethane was the primary constituent of spent solvents from degreasing operations.

3. At the Solid Waste Disposal Trench, located as shown in the Survey Plat, an estimated 400 cubic yards of soils may have been affected by the disposal of sludges containing low concentrations of F001 designated wastes per 40 CFR § 261 Subpart C. Analytical data from past site waste streams indicate that 1,1,1 trichloroethane was the primary constituent of disposed wastes.

Date: Aug. 11, 1988

MORRISON-KNUDSEN COMPANY, INC.

BY: Tom R. Stoddard
Senior Vice President

ACKNOWLEDGEMENT

STATE OF IDAHO)
COUNTY OF Ada) SS.

On this 11th day of August, in the year 1988, before me, Keith A. Loveless, a notary/public, personally appeared Leon D. Stoddard, known or identified to me to be the Senior Vice President of Morrison-Knudsen Company, Inc., the corporation that executed the above instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Keith A. Loveless
Notary Public, residing at

Boise, Idaho

My commission expires

April 10, 1994

SECTION B
FACILITY DESCRIPTION



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Title Sheet

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B. FACILITY DESCRIPTION

B-1 General

This section provides a general description of operations and an overview of activities related to the post-closure care and monitoring of the closed Paint Shop Basin, the closed Locomotive Shop Basin and Waste Disposal Trench waste management units (WMUs) at the Wabtec Corporation – MotivePower facility (MP facility) in Boise, Ada County, Idaho.

B-1a General Description

The MP facility is located in the north half of the northwest quarter of Section 36, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho as shown on Figure B-1 (Land Zoning Map). The property is approximately 36.4-acres in size. A general vicinity map is presented as Figure A-1 (Site Location Map). Legal descriptions for the MP facility and the WMUs (MK, 1988b), the Record of Survey, and the general record of the type, location, and quantity of hazardous wastes disposed of at the MP facility WMUs (MK, 1988b) are provided in Appendix B-1.

Based on information provided in Appendix B-1, the approximate size and waste/soil volumes associated with each of the closed WMUs are:

- Paint Shop Basin: 0.096 acres, 390 cubic yards (yd³).
- Locomotive Shop Basin: 0.295 acres, 650 yd³.
- Waste Disposal Trench: 0.086 acres, 400 yd³.

MP began rebuilding locomotives for U.S. railroads in 1969. During the period of peak operation (1970 through 1982) the Boise Industrial Complex operated under the ownership of the Morrison-Knudsen (MK) Company, Inc. – Railroad Division. In 1991, the company began expanding its capabilities by acquiring various companies that manufactured and distributed locomotive parts. The company went public in 1994 and transferred the property title to MK Rail Corporation (MK Rail). On January 1, 1997, the company name was changed from MK Rail to MotivePower Industries (MPI) – Boise Locomotive Company. MPI later merged with Westinghouse Air Brake Company on November 19, 1999, at which point MPI ceased being a separate entity. The combined company was renamed Westinghouse Air Brake Technologies Company (Wabtec) and subsequently Wabtec Corporation. As a result of the merger,

Wabtec is now responsible for all financial liabilities at the MP facility. The corporate headquarters for Wabtec is located at 1001 Air Brake Avenue in Wilmerding, Pennsylvania.

B-1b *Facility Operations*

MP rebuilds and manufactures locomotives for the railroad industry and provides overhaul and maintenance work on locomotives. The maintenance and remanufacturing process generally includes degreasing locomotive and component parts (blasting and steam cleaning); partial and total disassembly by mechanical means and arc and torch cutting methods; electrical/mechanical testing and qualification of component parts for reuse; rebuilding of the components that fail testing and qualification procedures; locomotive re-assembly by mechanical and welding methods; and final testing and qualifications for shipment.

MP is fully committed to the philosophy of environmental conservation. The Environmental and Safety Department reviews each chemical used at the facility to assure that its impact on the work force and the environment will be minimized both during use and upon disposal. New chemical products are incorporated only when it can be shown that their impact on the environment will be less than the currently used product, without degrading the operation of the facility. Further, MP periodically evaluates its waste disposal programs to assure that the wastes are handled in an environmentally conscious manner and that every effort is made to reduce the volume of disposed material through a recycling program.

Substantial process modifications have been made over the past several years to reduce the volume and direct handling of waste materials. Some of the waste minimization measures that have been implemented by MP include: the use of non-hazardous solvent in parts washers within several shop areas; the use of an on-site distillation unit to recycle paint thinners that are generated during the process of cleaning the paint equipment; the collection of batteries for off-site salvage or recycling; and the use of an enhanced biodegradation injections to help further reduce impacts to groundwater attributable to historical site operations.

MP is a large quantity generator of hazardous waste and manages its hazardous waste in accordance with Idaho Administrative Procedures Act (IDAPA) 58.01.05.006 (Standards Applicable to Generators of Hazardous Waste) (40 Code of Federal Regulations [CFR] §262). MP stores hazardous waste in designated areas for less than 90 days before shipment off-site for disposal. The Environmental and Safety Department provides training for all handlers of hazardous waste. In addition, the MP facility maintains a Facility Waste Management Plan (FWMP) that describes the management procedures for hazardous and non-hazardous waste. The FWMP is intended to act as a reference guide for management and other personnel who are responsible for plan implementation. MP has prepared and maintains a

Contingency and Emergency Response Plan that will be fully implemented in the event of a hazardous material/waste spill. A copy of the Contingency and Emergency Response Plan is included as Appendix B-2.

MP operates under a RCRA Post-Closure Permit administered by the Idaho Department of Environmental Quality (IDEQ) and does not actively treat or dispose of hazardous waste in WMUs at the facility. The Idaho Department of Health and Welfare (IDHW) issued the final Post Closure Permit on January 18, 1991. The Post Closure Permit was reviewed and reissued in September 1995 (IDHW, 1995). Please note that the IDEQ, formerly a Division under the IDHW, became a Department on July 1, 2000. The HWMA/RCRA Post closure permit was renewed for an additional 10 years with a date of August 7, 2002. The location of the closed, regulated WMUs (Regulated Units) and the non-regulated WMU are depicted on Figure B-2 (General Facility Map). The regulatory history of the WMUs is briefly described in Section B-1c.

B-1c Regulatory History

Heavy equipment repair and locomotive remanufacturing commenced at the MK – Boise Locomotive Complex in 1969. Solvents were used for cleaning parts and equipment during the repair and remanufacturing process. Wastewater that was generated from the equipment cleaning process containing solvents was discharged to in-ground wastewater separation basins that were connected to the paint shop and locomotive shop buried drain fields via an overflow-decant structure. This wastewater treatment system was in operation until 1984. Initial analytical results provided semi-quantitative screening indications that the materials contained in the mud basins may exhibit characteristics of hazardous waste. As a result, the paint shop and locomotive shop pipes were sealed on September 29, 1984, to prevent further discharge to the drain fields. Each shop's respective drain field has not received wastewater since that time (MK, 1988a).

In November 1984, MK applied for an U.S. EPA Hazardous Waste Generator Identification Number and later entered a Voluntary Compliance Agreement with the IDHW in August of 1985. Samples were collected from on-site groundwater monitoring wells and revealed that groundwater had been impacted by solvents. Based on these results, the United States Environmental Protection Agency (U.S. EPA) and the IDEQ determined that corrective action was required to mitigate the solvent impacts to groundwater.

The paint shop and locomotive shop buried drain fields were closed as RCRA-regulated WMUs in accordance with an approved closure plan (MK, 1986) on July 18, 1988. An asphalt cap was placed over the locomotive shop basin (LSB) and the non-regulated waste disposal trench (WDT) located in the southeastern portion of the facility. This asphalt cap and the pre-existing asphalt cap overlying the paint

shop basin (PSB) are located in the central portion of the facility and are designed to minimize infiltration of rain water and the migration of hazardous constituents to groundwater from the WMUs. In 1988, MK submitted a Part B Permit Application (MK, 1988b) for post closure care and corrective action of the on-site impacted groundwater.

Prior to 1983, a solid waste disposal trench was used for trash disposal, burial of scrap metal and other solid, non-hazardous waste materials (MK, 1986). The solid materials disposed in the trench were not expected to pose a threat of release to the environment. However, sludges removed from the PSB and LSB during cleaning in 1978 were also reportedly disposed of in this trench. In May 1986, MK submitted initial plans for closure of the WMUs. Sampling was performed on the trench disposal area in August 1986 to characterize buried wastes. Analyses of samples obtained indicated the presence of similar volatile organic compounds (VOCs), as was detected in sludges from the PSB and LSB (MK, 1988a). In November 1987, MK received approval of the closure plan, requiring the construction of an impermeable asphalt cap over the LSB and the non-regulated WDT and surface runoff control structures. Therefore, the asphalt cap covering the LSB was extended over the non-regulated WDT to minimize infiltration of rain water through this area. Cap construction was completed on June 13, 1988. The PSB was already covered with asphaltic cement, therefore, no additional closure construction was required at this location. The location of the non-regulated WDT is presented on Figure B-2 and is included in the legal descriptions provided in Appendix B-1.

The asphalt caps require limited post closure care. This care consists of routine inspection and maintenance of the asphalt caps. The general inspection and maintenance schedule for both the closed PSB and LSB/WDT and overflow-decant seals, surface water control structures, and the groundwater monitoring wells are presented in Section I of this permit application.

Since 1984 and concurrently with the above activities, MP conducted extensive site investigations and hydrogeologic characterization studies to define the extent of the site related impacts. Numerous borings were advanced and wells were installed. Chemical and physical testing was conducted to describe the subsurface conditions and to develop an effective groundwater monitoring program (GWMP) for the site. In July 1988, the IDHW accepted the site characterization efforts conducted to meet IDAPA 16.01.05.012 (40 [CFR] §270.14[c]) and the last revision of the site characterization report (MK, 1988a).

The GWMP revealed that dissolved VOC constituents had migrated to the uppermost groundwater zone (A-Zone) beneath the closed PSB WMU. As a result, an on-site groundwater recovery and treatment system of the shallow A-Zone was initiated in October 1990.

The IDHW issued the Post Closure Permit on January 18, 1991. The Post-Closure Plan for the WMUs consisted primarily of active groundwater remediation using a groundwater recovery and treatment remediation system and groundwater monitoring.

Since 1990, MP has voluntarily installed an extensive network of off-site groundwater monitoring wells to monitor the vertical and horizontal extent of dissolved constituents from the WMUs and from other potential off-site sources that may be located to the north and northwest of the MP facility. Additional remedial actions have also been taken to address the impacts. The groundwater monitoring program has revealed the migration of dissolved constituents across three distinct benches, namely the Sunrise Terrace (where the facility is located), the Whitney Terrace, and the Boise Terrace (MK, 1988a). MP submits a Semi-annual Report of Corrective Action that summarizes the effectiveness of the monitoring program in the closed PSB. Section E of this permit application provides additional details of the GWMP.

B-2 Topographic Map

B-2a *General Requirements*

Figure A-1 shows the facility on a United States Geological Survey (USGS) 7.5 minute topographic quadrangle at a scale of one-inch equals 24,000 feet, with a 20 foot contour interval. A topographic map (Figure B-3) that shows the MP facility and a distance of at least 1,000 feet around the facility was prepared in 2001 in accordance with IDAPA 58.01.05.012 (40 CFR §270.14 (b)(19)). As described in Section B-3b, the 100-year floodplain is not within 1,000 feet of the MP facility and is, therefore, not shown on the map. For clarity, surrounding land uses and the windrose are depicted on Figure B-1 and Figure B-4 (Boise Windrose) and described in Sections B-2a (2) and B-3a (3), respectively.

B-2a(1) *Surface Waters*

Surface waters or intermittent streams do not flow across or originate within the MP facility property boundaries. The most prominent surface water structure near the MP facility is the New York Canal. The New York Canal is located approximately 2,000 feet north of the MP facility and diverts flow from the Boise River for irrigation purposes, generally between the months of April and October. An unnamed intermittent stream is located approximately 2,000 feet to the south of the MP facility. This stream apparently flows to Five Mile Creek at a location southwest of the Boise Air Terminal (Gowen Field).

A small surface depression is shown on Figure A-1 approximately 300 feet north of the MP facility boundary. At one time, this depression was used as a holding pond for a fire protection water supply for Bunting Building Corporation. This depression has been filled and is no longer present. Two

sedimentation basins are present approximately 250 feet south of the MP facility boundary. The basins are on the State of Idaho property, leased by Central Paving Corporation and are used to contain sediment from aggregate cleaning operations. One sedimentation basin is also present approximately 2,200 feet west of the MP facility boundary. This basin is on the Nelson Sand and Gravel Construction property and is also used to contain sediment from aggregate cleaning operations.

Due to the arid conditions of this area, the topographic relief, the on-site runoff control systems, and the distance to these surface water sources, it is not likely that runoff would migrate to any these surface waters from the MP facility. Surface water features are visible on the Aerial Photograph in Appendix B-3. Additional details regarding the storm water control features at the MP facility are included in Section B-2a (7) and depicted on Figure B-3.

B-2a(2) Surrounding Land Uses

Surrounding land use for an approximately one-mile radius beyond the MP facility was examined using a July 21, 2011 base map developed by the Ada County Development Services. A portion of the base map is depicted on Figure B-1 and was referenced for land use information. Land use in the immediate vicinity of the MP facility is primarily designated as industrial or commercial districts. The property to the south of the MP facility is designated as a Residential District, Rural-Urban Transition Zone. However, this property is owned by the State of Idaho and leased by Central Paving Corporation. The State of Idaho property is not used for residential purposes. The closest residential district, the Breckenridge Subdivision, is located approximately 1,000 feet north of the closed PSB WMU.

B-2a(3) Windrose

The windrose (i.e., prevailing wind speed and direction), was obtained from information compiled by the Iowa Environmental Mesonet, Iowa State University Department of Agronomy (mesonet.agron.iastate.edu/sites/windrose.phtml). The windrose is presented as Figure B-4. This figure was developed from 541,967 observations between January 1, 1948 and September 8, 2011. Meteorological conditions represented by the windrose should be generally representative of the overall wind distribution at the facility.

B-2a(4) Legal Boundaries of the Hazardous Waste Facility Site and the Location of Operational Units

The legal description of the facility/property boundaries is provided in Appendix B-1. Figure B-2 presents the facility boundaries, property boundaries, and the individual boundaries for the former

hazardous WMUs at the facility. Additionally, the legal boundaries of the MP facility and WMUs are depicted on Appendix B-4 (On-the-Ground Survey).

B-2a(5) Access Control/Security Procedures

Access to the MP facility is via Apple Street in the northwestern portion of the property. Vehicle access to the shop yard is controlled by a gate adjacent to the guard house where security personnel are on duty 24 hours per day, seven days a week. Vehicular traffic occurs primarily within the paved areas (see Figure B-3). A chain-link fence that is a minimum of six-feet in height surrounds the entire facility. Warning signs, meeting the requirements of 40 CFR 264.14(c), are posted at the entrance and along the perimeter fence as depicted on Figure B-5. Under the current operating conditions, no on-site physical hazards exist with respect to the WMUs. Hazardous constituents are located under the ground surface, below an impermeable cap.

B-2a(6) Injection and Extraction Wells

On-site injection wells were used to inject food grade vegetable oil, along with various amendments, into the subsurface to promote biodegradation of the groundwater constituents. These activities are further described in other areas of this application.

Groundwater recovery and treatment was previously conducted as part of the corrective action program (CAP) at well locations (MW-9/RW-1, RW-3, RW-4, RW-6, and MW-1A1/RW-7). Section E of this document provides information regarding the use of groundwater recovery wells and monitoring wells at the MP facility. The locations of groundwater recovery wells and monitoring wells at the MP facility are shown on Figure B-3. With the exception of MP's on-site groundwater recovery wells, only one other producing well is present at the facility (45/WW-1 or MK Well). This water supply well is located along the southern property boundary as depicted on Figure B-3. The depth of this well is approximately 400 feet below ground surface (bgs) and has a capacity to produce approximately 1,000 gallons per minute (gpm). The static water level was reported at 192 feet bgs, after construction in 1968. A 500,000-gallon fire protection cistern is located adjacent to the pump and control house. Data from October 2000 indicate a water level of approximately 308 feet bgs with a pumping rate of approximately 140 gpm at the water supply well.

B-2a(7) Improvements

Figure B-2 depicts the locations of existing buildings, structures; extent of pavement on the property; and the location of the WMUs. Major support structures include the Locomotive Repair Shop, the General Repair Shop (Fabrication Shop), a Component Shop, a Small Paint Shop, a Large Paint Shop, Finish Building, and an office facility, which houses administrative personnel. The locations of "frost free

hydrants” and additional fire hydrants are noted on Figure B-3. Fire extinguishers and other emergency equipment are also strategically located throughout the facility. This equipment is tested and maintained as necessary.

The former sanitary sewer network consisted of three independent septic systems. The former septic systems are depicted on Exhibit 5 (Site Utilities and Support Structures) included with the 1986 *Part B Permit Application Drain Field Closure Plan, Boise Industrial Complex* (MK, 1986) and presented in Appendix B-5. The first and largest septic system connected to the Fabrication Shop, Office Facility, and Warehouse Number 1. The line ran northward between the Fabrication Building and the Office Facility. Once past the Office, the line turned west to pass near the Guard Shack before terminating in a septic tank, just north of the access road to the facility. This system was installed in 1969, at the time of initial construction for the entire plant.

The second septic system connected to the Component Shop. This line ran due east of the shop to a septic tank located across a roadway adjacent to the Component Shop. This system was also constructed in 1969.

The third septic system serviced the Locomotive Shop and ran underneath the floor of the shop from the north side restrooms to a septic tank located adjacent to the southern wall of the sandblast building. This system was installed in 1972 when the Locomotive Shop was erected.

The septic systems for the MP facility were abandoned in 1990. Sanitary wastewater and effluent from groundwater treatment are now discharged into the City of Boise Sanitary Sewer System. Sanitary sewers are primarily centrally located on the property and travel to the northwestern corner of the property. Treated groundwater from the groundwater treatment system was discharged to the City of Boise under an Industrial Wastewater Acceptance (IWA) Permit. The location of on-site sanitary sewer systems is noted on Figure B-3.

Storm water from the west side of the property is routed to two storm water catchment basins depicted on Figure B-3. The storm water basins are designed to retain storm water runoff, minimize localized flooding in the northwest corner of the property and provide residence time for evaporation and infiltration of the storm water. Storm water runoff from the east side of the property and the asphalt drain field covers is routed to a drainage ditch on the northeast property line and flows from the southeast to the northwest towards Amity Road. The asphalt covers for the closed PSB and the closed LSB/WDT WMUs were constructed to provide positive drainage away from the areas during precipitation events. The locations of on-site storm sewers and storm water catchment basins are noted on Figure B-3.

B-2b *Additional Requirements for Land Disposal Facilities*

Historically, data indicated that the upper water-bearing zone (A-Zone) was not present beneath the southwestern portion of the site. Based upon a pre-design study (AGI, 2001), the A-Zone groundwater was encountered in the southeastern portion of the site, near the closed LSB. The direction of groundwater flow in the A-Zone is toward the north/northeast.

Because the A-Zone was previously not found beneath the southeastern portion of the site, the lower B-Zone was classified as the uppermost aquifer under the closed LSB. Section E of this document provides a detailed discussion of the hydrogeologic characteristics of the site and the current groundwater monitoring system.

B-3 Location Information

B-3a *Seismic Standard*

No further information is required to demonstrate compliance within the seismic standard under IDAPA 58.01.05.008 (40 CFR 264.18 [a]) and IDAPA 58.01.05.012 (40 CFR 270.14[b][11]) because the political jurisdiction, (i.e., Ada County), is not listed in Appendix VI of 40 CFR Part 264.

B-3b *Floodplain Standard*

The WMUs are not located within the 100-year floodplain of the Boise River. Figure B-6 (100-Year Floodplain) presents the approximate location of the 100-year flood way relative to the MP facility, as delineated on the Flood Insurance Rate Map, Federal Emergency Management Agency, December 17, 1991. A larger scale map was used to display the 100-year floodplain, because the floodplain is not in the immediate vicinity of the WMUs.

B-4 Traffic Information

The figures in this section show the roadways into and surrounding the MP facility. Visitor and employee parking are available near the office structure. Apple Street is the major public road used near the facility. Other public roadways located near the property include Federal Way.

Company vehicles, outside contractor's vehicles, and employee's private vehicles travel via asphalt paved areas within the site. Employee private vehicle traffic is generally limited to movement from the main

entrance to the parking lot associated with their respective work building. Because the WMUs are closed, travel associated with the WMUs is minimal (i.e., wastes are not transported to or disposed of at the WMUs).

B-5 References

---. 2001. *Pre-Design Investigation Report, MotivePower Apple Street Facility, Boise, Idaho*, August 9.

Idaho Department of Environmental Quality (IDEQ). 2002 and 2010. *Wabtec Corporation MotivePower Facility Post Closure Permit*, August 7, 2002 and January 25, 2010 revision.

Morrison-Knudsen (MK) Company, Inc. 1986. *Part B Permit Application Drain Field Closure Plan, Boise Industrial Complex*, May, revised September.

---. 1988a. *Site Characterization Report Boise Industrial Complex Volume 1 – Text and Volume 2 - Appendices*, submitted April 1986, revised July.

---. 1988b. *RCRA Part B Permit Application Post Closure Plan*, submitted July.

FIGURES



SECTION B
APPENDICES



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Appendix B-5 – Site Utilities and Support Structures

APPENDIX B-1

LEGAL DESCRIPTIONS AND RECORD OF SURVEY



APPENDIX B-2
CONTINGENCY AND EMERGENCY RESPONSE PLAN



APPENDIX B-3

2010 AERIAL PHOTOGRAPH



APPENDIX B-4
ON-THE-GROUND SURVEY



APPENDIX B-5

SITE UTILITIES AND SUPPORT STRUCTURES





**WABTEC CORPORATION
MOTIVEPOWER
BOISE, IDAHO**

CONTINGENCY & EMERGENCY RESPONSE PLAN

**Main Complex
4600 Apple Street
Boise, Idaho 83716**

Phone: (208) 947-4800

Revised: December 2011

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

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CONTINGENCY & EMERGENCY RESPONSE PLAN

I. PURPOSE

This document explains, in detail, the Contingency & Emergency Response Plan, which has been implemented for the MotivePower. This plan is consistent with the State of Idaho, Hazardous Materials Bureau, Hazardous Waste Management regulations and the Federal Resource Conservation and Recovery Act (RCRA) regulations.

II. NOTIFICATION REQUIREMENTS

Notification includes internal and external emergency contacts and, when applicable, external regulatory agency notification/reporting.

In the event of a hazardous material/waste spill, The Emergency Coordinator shall immediately be contacted. He will make an immediate initial verbal report to the Production Manager. The Production Manager, with assistance of the Emergency Coordinator, shall determine further notification requirements. Notification might include:

A. Internal Contacts

1. Emergency Coordinator

Name: Art J. Anderson
Home Phone: 327-0396
Work Phone: 947-4821
Address: 10575 W. Cory
Boise, ID. 83704

2. Spill Response Team Leader

Name: Brandi Williams
Home Phone: 208-346-1283
Work Phone: 947-2958
Address: 12282 W Hickory Dr.
Boise, ID 83713

3. Consultant, Idaho Engineering & Geology

Name: Rich Reed
Home Phone: 385-9030
Work Phone: 381-0108
Consultant, American Geosciences, Inc.
Name: David Perry
Work Phone: 724-733-7000
Cell Phone: 724-600-9890

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4. Production Manager
Name: Tom Larson
Cell: 208-761-6533
Work Phone: 947-2940

B. External Contacts

1. Boise Fire Department
Phone: 911
Non-emergency: 384-3950
2. Police Department
Phone: 911
Non-emergency: 377-6790
3. Ambulance Service
Phone: 911
Ada County Paramedics 375-7048
Ada Boi 362-2973
4. St. Luke's Regional
Medical Center Phone: 381-2344

C. Regulatory Notification

1. National Response Center Phone: Phone: (800) 424-8802
2. Bureau of Hazardous Materials Phone: 334-3263
3. Local Emergency
Planning Committee Phone: 377-6645

(For off-site releases of SARA listed hazardous substances, the Local Emergency Planning Committee and the Bureau of Hazardous Material must be notified.)

III. REPORTING CONTENT

When reporting spills/releases to emergency services and regulatory agencies and when completing written reports, the following information should be provided:

- A) Name of individual making report
- B) Type of incident and spill or release -- spill/release into water, air or soil of hazardous substance (thinner, solvent, paint, etc.)

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Main Complex

- C) Location -- MotivePower work area involved.
- D) Source of spill -- drum, tank, vehicle, etc.
- E) Time spill was first observed -- hour, day, month, and year.
- F) Estimate of spill volume -- gallons, barrels, pounds, kilograms, etc.
- G) Any injuries, fires or explosion.
- H) If spill has been contained or controlled.
- I) Remedial action being taken -- absorbent pads, plugs, valves closed, etc.
- J) Meteorological data -- temperature, precipitation, wind speed/direction, etc.

As soon as clean-up is complete or well underway, a written Spill Incident Report shall be prepared by the Emergency Coordinator and the Environmental Manager, or their designated alternates. A copy of this form is appended.

IV. FACILITY EMERGENCY MATERIALS AND EQUIPMENT

A. Internal Communications and Alarms

1. Two-way radio communication is available and utilized by supervisory and safety personnel. These radios are carried with the respective individuals while on site.
2. Telephones are located in administrative, production, and other miscellaneous support locations. The telephone shall be the primary source of communication for notification of external parties such as fire department, ambulance, etc. It shall also be the primary means for communicating detailed internal information concerning emergency notification, response and coordination.
3. If the incident involves the LNG Fueling Facility having a leak or a fire, then 2-way radios and cellular phones shall not be allowed within 50 feet of it. Presently not in service.

B. Fire Protection

1. Portable Fire Extinguishers

Dry chemical and CO₂ fire extinguishers (20 lb., Class ABC) are located throughout the facility. Only dry chemical extinguishers may be used on an LNG fire. Locations of fire extinguishers are shown on the attached plant Fire Protection Systems diagrams. Fire extinguishers are inspected annually by an external contract inspection service and monthly by designated MotivePower employees.

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

2. Water Availability

The water supply for the MotivePower is supplied by an on-site production well. The supply includes a 500,000-gallon water storage tank with primary electric fire pump rated at 1500-gallon-per-minute discharge and a diesel powered emergency back-up pump. The fire water system is inspected monthly and tested annually.

Water shall not be used to extinguish an LNG fire.

C. Safety Equipment

1. Safety equipment for the use of individuals working with hazardous materials and/or handling hazardous wastes is immediately available at point of use. This equipment includes, but is not limited to, the following:

- a) Full-face and half-face cartridge respirators.
- b) Splash goggles and face shields.
- c) Industrial safety glasses.
- d) Chemical resistant coveralls (Tyvek or equivalent).
- e) Chemical resistant gloves.
- f) If handling an incident involving LNG, cryogenic PPE must be worn.

D. First Aid Equipment

1. First Aid Kits

Industrial quality first aid kits are strategically located at various locations around the facility.

2. Eye Wash Stations

Emergency eye wash stations and showers are located around the facility. Portable eye wash stations are located near hazardous material and hazardous waste storage areas. Portable eye wash materials are also available for use when work is being conducted with hazardous materials.

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

E. Spill Control and Containment

Spill control equipment is located within the facility and includes spill absorbent material. Details of the available quantities, storage location, and the use of these materials, is described in the attached Oil and Hazardous Material Spill Response Plan.

F. Additional Material and Equipment Availability

Additional supplies of communication, fire, safety, and first aid equipment as well as spill control and containment materials are immediately available from the Truck and Engine Annex Shops located approximately one mile away.

V. ARRANGEMENTS WITH LOCAL AUTHORITIES

The local law enforcement and emergency response agencies will have jurisdiction and shall be notified in the event of any serious injuries, fires, explosions and/or uncontrollable hazardous materials spills.

Medical services, in the event of serious injury, will be provided through local ambulance services and the hospital.

To assure that the local responding authorities are made fully aware of the arrangements set forth in this Contingency & Emergency Response Plan, a copy of the plan will be transmitted to each of the following agencies:

Boise Fire Department
150 N. Capital Blvd.
Boise, Idaho 83702

Ada County Sheriff
Attention: Commander Vogt
7200 Barrister Drive
Boise, Idaho 83704

St. Luke's R. M. C. - Emergency Room
Attention: Ms. Pat Wager-Burton
190 East Bannock
Boise, Idaho 83712

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CONTINGENCY & EMERGENCY RESPONSE PLAN
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Idaho Bureau of Homeland Security
Attention: Mr. Bill Bishop
4040 W. Guard St. Bldg. 600
Boise, Idaho 83705-5004

Ada County Emergency Management Office
Attention: Mr. Doug Hardman
7200 Barrister
Boise, Idaho 83704

Any revisions or modifications to this plan are to be forwarded to the same authorities upon implementation.

VI. EVACUATION

The physical location of the MotivePower and surrounding properties requires that prevailing wind direction be considered prior to any evacuation order. Winds from the northeast will likely not require evacuation.

Please refer to the Fire and Emergency Action Plan. Figures located in Appendix C of the attached Fire and Emergency Action Plan illustrate the locations of fire extinguishers, evacuation assembly areas, emergency equipment, and shut off areas for water, gas and electric.

A. On-Site Employees and Workers

If evacuation of any areas of the facility are deemed necessary, MotivePower employees will assemble in the parking lot located immediately northwest of the worker entrance gate. Employees will be accounted for by each supervisor reporting on the presence or absence of employees in their work group to the Emergency Coordinator.

B. Area Residents and Off-Site Industrial Facility Occupants

No residences are located within a one-half-mile radius of the facility. However, an industrial population lies immediately to the north and northeast of the facility while an additional industrial population is located about 200 yards to 300 yards to the south and west. If evacuation of these facilities is necessary, the appropriate authorities will coordinate the respective activities. The evacuated area will be checked for compliance by local authorities and secured against unlawful entry.

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

Re-entry: In all cases of evacuation, permission to re-enter the affected area will only be given after a thorough inspection by the local authorities to assure that any present or potential threat to human health or to the environment has been identified and controlled or eliminated.

VII. PERSONAL INJURY/ILLNESS

A) If any injury involving hazardous material/waste occurs at the facility, the Emergency Coordinator and/or his designated alternate shall be immediately called. The injured shall be given first aid treatment and transported to St. Luke's Regional Medical Center. To the extent immediately available, the following information must be sent with the injured:

1. Identity and hazards of the hazardous material/waste, including container labels or tags, MSDS, and emergency contact numbers.
2. An estimate of the contact quantity involved in the incident.

The Emergency Coordinator and Spill Response Team Leader shall assist the hospital staff with information concerning the chemical constituents of the contaminating material, the hazards, and any other pertinent information.

The Emergency Coordinator with Spill Response Team Leader shall perform a complete inspection of the facility to assure that the accident resulting in personal injury has not created a situation which could result in further harm to human health and/or the environment. Any such situation must immediately be resolved and a written report of any actions taken must be maintained on file.

B) If an employee becomes ill as a result of acute or chronic exposure to hazardous material/waste, he/she must be removed from the job until a physician's medical release is received. All appropriate medical help must be obtained consistent with applicable laws and regulations.

The Emergency Coordinator and the Spill Response Team Leader shall review the incident to identify the cause of the illness. Based on this review, they shall identify engineering modifications to the operation or revisions in the personnel protective equipment requirements, if applicable, to mitigate any potential future exposures. A written summary of this review and any actions taken must be maintained on file.

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

VIII. ENVIRONMENTAL INTRUSION

Environmental intrusions from external sources into the MotivePower site shall be treated as spills and/or releases. Emergency response, spill clean-up and reporting shall be consistent with the MotivePower emergency response procedures.

IX. INCIDENT REVIEW AND FOLLOW-UP

A. Start-Up Requirements

Prior to resuming normal operations, the Emergency Coordinator shall ensure:

1. No process material that may be incompatible with the released material is to be treated, stored or processed until clean-up and decontamination procedures are completed.
2. All emergency equipment listed in this CONTINGENCY & EMERGENCY RESPONSE PLAN is cleaned and fit for use.

B. Post-Incident Review

A review meeting shall be held following completion of spill control activities to summarize the quality and effectiveness of the respective clean-up and control activities.

Minutes, attendance records and action item follow-up to this meeting shall be maintained in the facilities files.

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CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

SPILL INCIDENT REPORT

Location: _____ Date & Time _____

Estimated Quantity of _____ (Gallons/Pounds)
Spill: _____

Description of Incident:

Clean-up Description/Plan:

Date & Time of Completion _____ (Actual/Estimate)

Damage Estimate:

Steps Taken or to be Taken to Prevent Recurrence:

Prepared by: _____

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

Oil & Hazardous Spill Response Plan

MotivePower Company
OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
Main Complex



MOTIVEPOWER
WABTEC CORPORATION
BOISE, IDAHO

OIL AND HAZARDOUS MATERIAL
SPILL RESPONSE PLAN

Main Complex
4600 Apple Street
Boise, Idaho

October 17, 2011

MotivePower Company
OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
Main Complex

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MotivePower Company
OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
Main Complex

I. PURPOSE

The Oil and Hazardous Material Spill Response Plan establishes in detail the actions to be taken and the procedures to be used in the event of a spill of these materials at this facility.

II. TRAINING

All employees receive general hazard communication (HAZCOM) right-to-know and emergency response training as part of their initial employment indoctrination and refresher training at least annually thereafter. Job specific on-the-job training is provided as needed. In addition, personnel generating or handling hazardous wastes must complete the Hazardous Waste Training Program.

The facility maintains a hazardous material (HAZMAT) spill response team trained in accordance with the requirements set forth by the Occupational Safety and Health Administration (OSHA) in 29 CFR 1910.120. Only personnel who have completed this training will be used to implement the spill response and clean-up actions specified in this plan.

III. SPILL RESPONSE MATERIALS

The facility maintains a limited quantity of absorbent material near each piece of equipment or operation where spills are likely to occur. This material is to be used by the operator for solidification of incidental drippings and for initial response to spills.

The facility further has in storage a quantity of spill response equipment and materials designated for the sole use of the spill response team. A list of this material is appended.

IV. EMERGENCY RESPONSE

In the event of a spill or a leaking container, the following action is to be taken without delay:

- A. Protect people in the vicinity from the hazards of fire, explosion and/or toxic fume by evacuating the immediate area of the spill or the entire facility if necessary. Move all of the people up wind of the spill.
- B. If possible, stop the spill using safe procedures (close shut-off valves, close off drains, plug holes, etc.).
- C. Quickly notify the immediate Supervisor and the Emergency Coordinator.

MotivePower Company
OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
Main Complex

D. Establish a security area around the spill and control access to the area.

V. SPILL CONTROL AND COORDINATION

The Emergency Coordinator or designated alternate shall organize and coordinate spill response and clean-up actions as follows:

- A. Response personnel shall remain a safe distance up wind from the immediate spill area while donning the appropriate personal protective equipment. The level of protection will depend upon the nature and size of the spill. The Emergency Coordinator shall establish the level of protection to be used.
- B. Identify the spilled material. Be as specific as possible. If necessary to assure identification, remove any documentation from the spilled container to a secure area for inspection.
- C. If appropriate, remove all ignition sources from the area.
- D. Based on the spilled material's MSDS, select an appropriate spill fighting agent and contain the spill. Confine the spill to the smallest possible area using dams, dikes, absorbent, sweeps or booms. Prevent pollutant from entering the drains and/or waterways.
- E. As necessary, contain all contaminated run-off and decontaminate the affected sanitary waste and/or drain lines. If the contaminant enters the public sewer system, immediately notify the Publicly Owned Treatment Works (POTW).
- F. Absorb or otherwise contain all free liquid. Follow any specific directions on the containers of spill fighting agents to neutralize or otherwise detoxify the spilled material.
- G. Collect all spilled material into appropriate salvage or recovery drums, vessels, or containers.
- H. Thoroughly decontaminate the area. Treat all rinsate as contaminated waste.
- I. On completion of the spill response, clean, repair and return to working condition all emergency response equipment.
- J. The Emergency Coordinator with assistance of the Spill Response Team Leader shall inspect the area and certify that it is ready for operation, prior to it being placed back in service.

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OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
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VI. LEAKING CONTAINER CONTROL

The Emergency Coordinator or designated alternate shall organize and coordinate leaking container response and clean-up action as follows:

- A. Response personnel shall remain a safe distance up wind from the immediate spill area while donning the appropriate personal protective equipment. The level of protection will depend upon the nature and size of the spill. The Emergency Coordinator shall establish the level of protection to be used.
- B. Identify the leaking contents. Be as specific as possible. If necessary to assure identification, remove any documentation from the leaking container to a secure area for inspection.
- C. If appropriate, remove all ignition sources from the area.
- D. If the leaking container contains usable product, salvage as much of the material as practical by transferring the material to another container using an appropriate transfer method (hand pump, siphon, shovel, etc.). For leaking waste containers, if the leaking container can safely be overpacked, into a larger container, do so. If not, carefully unpack the leaking container and place all contents in a new container properly selected to contain the waste. The empty leaking container must be treated as waste and handled appropriately.
- E. Based on the spilled material's MSDS, select an appropriate spill fighting agent and contain the spill. Confine the spill to the smallest possible area using dams, dikes, absorbent, sweeps or booms. Prevent pollutant from entering the drains and/or waterways.
- F. Absorb or otherwise contain all free liquid. Follow any specific directions on the containers of spill fighting agents to neutralize or otherwise detoxify the spilled material.
- G. Collect all spilled material into appropriate salvage or recovery drums, vessels, or containers.
- H. Thoroughly decontaminate the area. Treat all rinsate as contaminated waste.
- I. On completion of the spill response, clean, repair and return to working condition all emergency response equipment.

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OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN
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- J. The Emergency Coordinator with assistance of the Spill Response Team Leader shall inspect the area and certify that it is ready for operation, prior to it being placed back in service.

VII. SPILL CONTROL CONTINGENCIES

In case of a large spill beyond the ability of facility personnel to remedy in a timely fashion, the Emergency Coordinator or his designee shall obtain the services of an experienced spill clean-up specialist from an outside source to assist in the clean-up. The MotivePower Company, Environmental, Safety and Health Department, has immediately available technical and managerial support for spill response operations. This Facility also maintains a standing contract with Specialty Environmental Services, Inc. at 110E. 39TH Street Boise, Idaho 83714 (208) 327-9977 to supply hazardous substance handling support and with Thermo Fluids, Inc., 2801 Brandt Avenue, Nampa, Idaho. (208) 465-4800 for petroleum product management support. If additional response capability is required, the determination of acceptable companies will be based on the following:

- A. A chemical spill clean-up specialties company that carries and maintains the proper state and federal permits and licenses.
- B. A company with the capability and experience to handle the particular chemical spilled. Different companies may be appropriate for different chemicals.
- C. A company whose geographical location lends itself to the most expeditious response to the present spill. The company must also have sufficient equipment, manpower, and material inventories to facilitate any potential need the project may demand.

<p style="text-align: center;">MotivePower Company OIL AND HAZARDOUS MATERIAL SPILL RESPONSE PLAN Main Complex</p>

AVAILABLE SPILL RESPONSE MATERIAL & EQUIPMENT

The material and equipment listed below is stored and maintained at the MotivePower Shop for the use of the HAZMAT spill response team. Most of the equipment and material is stored in the 90 Day Storage Area. A transport vehicle has been designated for spill response use.

Spill Response Material

- Sacks of Floor-Dry absorbent
- Top Soil
- Dike-n-Plug
- Rubber mallet

Response Equipment

- Backhoe
- Front-end Loader
- Dump Truck
- Assorted shovels (round point, square point, plastic, etc.)
- Reeled barricade tape
- Wet-Dry Vacuum
- Scavenging pump
- 55-gallon drums (Hazardous material and waste)
- Brooms
- Squeegees
- Plastic Tarps
- Bung wrenches

MotivePower Company
OIL AND HAZARDOUS MATERIAL SPILL REPSONSE PLAN
Main Complex

Personal Protective Equipment

- Chemical resistant coveralls (tyvek or equivalent)
- Rubber Boots
- Rain suits
- Gloves (rubber, chemical resistant, leather, etc.)
- Respirators with assorted cartridges
- Dust particle masks

MotivePower
CONTINGENCY & EMERGENCY RESPONSE PLAN
Main Complex

Fire and Emergency Action Plan



MOTIVEPOWER

**FIRE & EMERGENCY
ACTION PLAN**

Revised: January 2012

MotivePower
Fire & Emergency Action Plan

FIRE & EMERGENCY ACTION PLAN
Outline

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Outline Continued

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APPENDICES:

APPENDIX A:

MAIN COMPLEX DRAWING WITH DESIGNATED MEETING LOCATIONS.
MAIN COMPLEX FIRE HYDRANT & UTILITY MAP.
TRUCK & ENGINE ANNEX BUILDING LAYOUT DRAWING.

APPENDIX B: INDIVIDUAL BUILDING EMERGENCY EXIT INSTRUCTIONS

**APPENDIX C: BUILDING UTILITY & EXIT DRAWINGS. FIRE SYSTEM
INFORMATION**

APPENDIX D: TRAINING GUIDE

APPENDIX E: FIRE EXTINGUISHER CHART

MotivePower Fire & Emergency Action Plan

1.0 INTRODUCTION

Recommended practices and standards of the National Fire Protection Association (NFPA), Occupational Safety and Health Administration (OSHA), and other applicable regulations have been followed in the development of this Fire & Emergency Action Plan for MotivePower's Main Complex and Truck and Engine Annex; hereafter, collectively called MP. Specific OSHA requirements set forth in 29 CFR 1910.38a (Emergency Action Plan) and 29 CFR 1910.38b (Fire Prevention Plan) are incorporated into this document.

According to the OSHA requirements set forth in 29 CFR 1910.38a and 38b, MP must provide all workers with information regarding emergency procedures at the facility. This Plan outlines emergency situations, which may arise at MP and describes how these emergencies shall be handled and how they shall be prevented. The plan identifies designated emergency respondents and establishes the training required for all employees in order for them to effectively respond to emergency situations. MP will provide training to implement this Fire and Emergency Action Plan to all employees.

2.0 PURPOSE

The purpose of Fire & Emergency Action Plan is to provide instructions for employees to follow in an emergency situation and to comply with the applicable standards for responding to emergency situations. Life safety is of primary importance.

3.0 RESPONSIBILITY

This section details the responsibilities for the development, implementation, and review of this Plan. **Personnel failing to follow the procedures described in this document will be subject to disciplinary action in accordance with company policy.**

3.1 Production Management

Production management is ultimately responsible for assuring the development and effective administration of this Fire & Emergency Action Plan. Management may delegate certain areas of their responsibilities to other qualified individuals to facilitate program development or the implementation of this Plan. Management's responsibilities include the following:

- Assuring that this Fire & Emergency Action Plan is developed and revised as necessary to reflect changes to the facility.
- Assuring that all employees are aware of and trained in their responsibilities for implementing the actions identified in this Plan.

Individual shop & office managers are responsible for implementation of this Plan within their jurisdictions. Their responsibilities include:

- Assuring that all-appropriate emergency response equipment is available and in proper working order.

MotivePower
Fire & Emergency Action Plan

- Assuring that all emergency exits are clearly identified and accessible.
- Assuring that each employee has received evacuation training before initial job assignment and whenever the individuals job location changes.

3.2 EH&S Department

EH&S Department personnel are responsible for oversight of the technical aspects of this Plan. Their responsibilities include:

- Conducting a thorough evaluation of MP to define the responses required for each of the identified emergency situations.
- Developing and implementing a program to periodically test the Plan and identify necessary changes.
- Ensuring that all personnel receive the training necessary to respond to any emergency situation.
- Providing periodic inspections of MP to insure that the physical requirements set forth in this Plan are being met.
- Ensuring that this Fire & Emergency Action Plan complies with current regulatory and MP requirements.

3.3 The Employee

MP employees are responsible for working in accordance with the provisions set forth in this Plan and with all instructions and training received.

4.0 BASIC EMERGENCY INFORMATION

1. Scene assessment. Size up the situation. Do not place yourself or others in danger. Can you safely handle the situation?
2. If the situation is dangerous beyond your control, evacuate the building or area.
3. **IF IN DOUBT, LEAVE THE BUILDING OR AREA!**
4. Take a roll call at your designated meeting location. Make sure everyone is accounted for.
5. CALL 911. Use a radio and request a 911 notification when a telephone is not accessible. Other emergency numbers are listed on the following page.

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Fire & Emergency Action Plan

5.0 EMERGENCY RESPONDENTS

5.1 Emergency phone numbers:

All Emergencies:	911	
MotivePower Security:	947-4907	Cell: 9-724-6928
Boise Fire Department:	9 – 377-6790	
Police Department:	9 - 377-6790	
Ambulance (Ada County Paramedics):	9 – 377-6790	
Idaho Emergency Response Commission:	9 – 422-5723	
Idaho Poison Control	9 - 1-800-222-1222	
State Communications	9 - 1-800-632-8000	
Hazardous Material Incident		
Railroad Incident		
BLM- Grass Fire		

Be prepared to give the following information:

- Identify yourself
- Identify the nature of the emergency
- Identify the facility by address and the building or area of the emergency
- Stay on the line until the operator tells you to hang up

Facility Addresses:

Main Complex
4600 Apple Street
Boise, ID 83716

Truck and Engine Annex
2100 Braniff Street
Boise, ID 83705

Contact Security at 947 4907 or by radio.

- Identify the nature of the emergency.
- Identify the location of the emergency.

Contact your lead person, supervisor, or manager.

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5.2 Emergency Coordinator/Assistant Contact list

**Emergency Coordinator
Main Complex**

Emergency Coordinator

Art Anderson	EH&S Manager
947-4821	Office Phone
484-0540	Cell Phone
Radio	

Alternate 1

Tom Larson	Director Manufacturing
947-2940	Office Phone
761-6533	Cell

Alternate 2

Security	
947-4907	Guard Station Main Complex

Annex

Dave Zabala	General Manager
389-4971	Office Phone

**Emergency Coordinator Assistants
Main Complex**

Gary Barham	Maintenance Department
947-4809	Office Phone
Radio	

Annex

Earl Preston	
389-4984	Office Phone

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5.3 Medical Emergency Contact List

MAIN COMPLEX EMERGENCY CONTACT LIST

Lead people, supervisors, and managers are the Emergency Coordinators in case of emergency situations.

TRUCK & ENGINE ANNEX MEDICAL EMERGENCY CONTACT LIST

Lead people, supervisors, and managers are the Emergency Coordinators in case of emergency situations.

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Fire & Emergency Action Plan

6.0 EMERGENCY SITUATIONS

Several different emergency situations will be addressed in this section. Actions to be taken in each case are identified.

6.1 Bomb Threat

The following actions will be taken in the event that a bomb threat is received:

- a. The person receiving a threat called into the facility should attempt to obtain as much information from the caller as possible. Try to keep the caller on the line.
- b. The person receiving the threat will immediately notify the Security Department and their supervisor.
- c. The Security Department or supervisor will notify the Police Department and the General Managers office. Subsequent action will be taken in conjunction with the Police Department.
- d. Evacuations, if required, will proceed in accordance with the evacuation procedures set forth in **Section 7** of this Plan.

6.2 Civil Disturbance

In the event of a civil disturbance, such as a riot, strike, or other threat of violence to personnel or equipment, management will declare and identify the emergency. The Emergency Coordinator will direct the following activities:

- a. Notify MP Security and the Police Department.
- b. Alert shop management that an emergency condition exists and identify the emergency procedures to be followed.
- c. For disturbances originating outside MP property:
 - Close and lock the front gates providing access to the shop property.
 - Close and lock all exterior doors and windows of the buildings.
 - Have all personnel vacate areas close to external doors or windows.
- d. For disturbances within MP:
 - Ensure that all personnel have vacated areas close to the disturbances.
 - Close and lock all exterior building doors and windows.
- e. Evacuations, if required, will be coordinated with the Police Department and will proceed in accordance with the evacuation procedures set forth in **Section 7** of this

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Fire & Emergency Action Plan

Plan.

6.3 Natural Disasters

Natural disasters including floods, tornadoes, earthquakes, heavy snowstorms, etc., may cause emergency action to be taken. In the event of a natural disaster, any or all of the following actions shall be taken, as appropriate.

- a. When MP receives advance warning of a natural disaster, supervisors will be notified via phone or two-way radio. They will in turn notify their personnel.
- b. If it is deemed necessary, the facility will be evacuated according to the evacuation procedures stated in **Section 7** of this Plan.
- c. The Emergency Coordinator will notify the fire and medical authorities as appropriate.
- d. Plant personnel are to seek shelter in appropriately safe areas such as in a doorway, under a table, or under a heavy piece of equipment, which offers protection from falling/flying debris if a disaster such as a tornado; earthquake or high winds should strike.
- e. Evacuation from the premises will be conducted at the direction of the Emergency Coordinator, Security or by the fire department.
- f. After a disaster, rescue efforts, first aid, clean up and inspections shall take place at the direction of the Fire Department, Police Department, Emergency Coordinator, Security and Management. They will make determine as to any further action that needs to take place.

6.4 Fire

Almost every fire starts small, but can grow out of control in a matter of minutes. Early detection helps to ensure that a fire can be brought under control. The best fire protection is prevention.

6.4.1 General Information

Good fire protection prevents injuries, keeps insurance costs down and reduces costly loss of property, equipment and materials.

Fires and related injuries usually occur due to one or more of the following discrepancies: poor housekeeping, poor control of heat sources, inadequate quantity or type of fire fighting equipment, improper storage and handling of combustible materials and flammable liquids, lack of or inadequate training of employees with regard to fire prevention and fire fighting and/or faulty electrical installation.

- Boise Fire Department is the Primary Emergency Response unit to both facilities.

MotivePower
Fire & Emergency Action Plan

- Emergency telephone numbers are posted throughout the facility near telephones to be used for emergency notification.
- Fire extinguishers are located throughout the facility and are inspected monthly.
- Emergency respondents have been identified on 5.2.
- Regular inspections take place to ensure the entire facility is in fire-safe condition.

6.4.2 Fire Prevention

Respective shop managers, supervisors and lead people are responsible for all fuel sources, flammable products, oil, paints and grease and shall ensure the containers are properly handled, labeled, stored and maintained to prevent damage and possible ignition, explosion and/or reaction. They are also responsible to ensure clear access is maintained to all fire fighting equipment and exits.

Cleaning Agents: Gasoline and other extremely flammable liquids **will not be** used as cleaning agents. Only approved cleaning agents are authorized for use.

Electrical Equipment All wiring will be maintained in good condition, properly supported and adequately protected from physical damage. All junction, switch, outlet and panel boxes must have properly secured covers. Each circuit must have a fuse or breaker of no greater rated capacity than the circuit conductor. A qualified electrician in accordance with the National Electrical Code must do all electrical installation or repair. Extension and appliance cords are to be the correct size and not frayed or worn. Finally, to help prevent overheating, all motors must be free from accumulations of dust, oil, fibers, etc.

Fire Extinguishers Fire extinguishers are visually inspected each month by the Maintenance Department (or other designated inspectors) responsible for the equipment. If the inspector finds deficiencies in any fire extinguisher or that the equipment has been used, they will have the fire extinguisher immediately replaced with one that is properly filled and in working order. The deficient equipment will be serviced and inspected before re-use.

Annual inspections and servicing are conducted by:

Oxarc
7615 W. Lemhi St.
Boise, ID 83709
(208) 376-0377

Fire extinguisher use training is provided by the Training department.

Smoking Policy Smoking is **allowed** in designated areas only. Everyone shall observe the Smoking policy! In the designated smoking areas, extinguish all matches, cigarettes,

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Fire & Emergency Action Plan

cigars and pipe tobacco before discarding them. Do not smoke while fueling equipment or within 50 feet of refueling or flammable product storage areas.

Safety Cans Handling of all flammable liquids by hand containers will be in approved and properly labeled safety containers with spring closing covers and flame arresters. Bonding cables will be used while transferring flammable or combustible liquids to each respective container. This includes containers that are filled while located in pick up beds and transferring flammable paint products in all of the paint operations and distillation units.

Storage Gasoline, solvents, cleaning agents, gases or other similar combustible and/or flammable materials will be stored in secure approved containers and in areas free from ignition sources. Containers are to be properly labeled and stored in well-ventilated, cool places. This includes any and all bulk items such as used oil, diesel, solvents, liquid oxygen, or propane.

Containerized fuel sources and various flammable/combustible products entering MP property are taken directly to the appropriate location where they are either stored or distributed. Containerized fuel sources and flammable products used at the Annex are taken directly to the Annex by the vendor. On occasion, MP employees with a CDL and Hazardous Endorsement transport diesel fuel with the Semi and Tanker Trailer to the Annex.

Bulk flammable products and fuel storage tanks are located to the south of the Steelyard and east of the Component Shop. These products are used for fueling facility equipment. Proper labeling, maintenance, and handling techniques are practiced for these products.

The location of liquid oxygen, acetylene, oxygen, gasoline, diesel, propane tanks and paint and solvent storage are shown on the Main Complex Fire Hydrant and Utility map (see **Appendix A**).

The Warehouse Receiving maintains a record of receipt for all items, including fuel sources and flammable products, entering MP.

Storing flammable substances on equipment or vehicles is prohibited unless such a unit has adequate storage areas designed for such use. Flammable storage rooms and areas surrounding flammable storage cabinets should be clean and contain no other stored materials.

6.4.3 Fire Control

Water Availability and Systems The water supply for the Main Complex is provided by an on-site Production Well supplemented with water from United Water Corporation with a delivery of 1800 gallons per minute. The water is stored in a 200,000-gallon water storage cistern. A 250 gallons-per-minute (gpm) pump normally provides water pressure. Under fire situations, the water is supplied by a 1,000 gpm at 100 pounds-per-square-inch (psi) primary electric fire pump and a 1,000 gpm at 100-psi diesel fired emergency back-

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up pump supplied from the cistern. Actual fire flow from the cistern has been measured at 3450 gpm with 40-psi residual line pressure.

When a water flow requiring more than 200 gpm occurs or the domestic pump is unable to maintain at least 70-psi system pressure, the electric fire pump comes on-line automatically. When activated, a flashing red light located on top of the water cistern indicates that the electric fire pump and/or the diesel fire pump are operating. Once the electric fire pump has started, it will run at least ten minutes or until the pressure problem is corrected.

Pressing the start button on the front of the control panel can manually start the electric fire pump. If the pump is started by this method, then the stop button must be pressed to turn it off. The pump will not stop automatically if started by the manual method. If the magnetic motor starter will not operate, either automatically or manually, then using the start lever located on the lower right side of the control panel can start the pump. Once the motor starts, the lever must be locked in the run position.

The diesel fire pump is a secondary fire pump. Under most conditions the diesel fire pump will start only when the electric fire pump is unable to supply the system demand. If the system pressure drops below 60 psi, the diesel fire pump will automatically start. When the pump starts, the same flashing light on top of the cistern is activated indicating that a fire pump is running. Once the diesel pump has started it will run for at least thirty minutes and stay running until the electric fire pump can supply the system. The diesel fire pump will also start automatically as soon as there is a power outage and continue to run for thirty minutes after power is restored. The diesel fire pump has a warning siren that will sound if the electric power supplying the pump house is turned off; if the diesel engine is overheating; or if the diesel engine has low oil pressure. According to the National Fire Protection Code, "fire pumps shall be allowed to run until destruction in order to provide water to control a fire."

United Water Corporation through their water distribution system provides water at the Annex.

The fire water systems are inspected monthly and tested annually for both complexes. Individual building and utility exit drawings (that include fire system information) are presented in Appendix B.

Fire Sprinkler System: At the Main Complex, the sprinkler system types and locations are as follows: The Fabrication Shop has a wet sprinkler system located in the office portion only. The North Large Paint Shop has a wet sprinkler system. The South Large Paint Shop has a dry pipe system. The Small Paint Shop has a wet sprinklers system in the paint exhaust filter areas only. The Finish Shop has a wet sprinkler system. The SWB&P Shop has a wet sprinkler system. Finally, the Warehouse has a wet sprinkler system in Warehouse No. 1 & 2 and a dry pipe system in Warehouse No. 3 & 4.

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Annex Fire Sprinkler System The main building at the Annex is equipped with a fire sprinkler system. The Engine Test Cell and the Lunchroom trailer **are not** protected by a sprinkler system. The production and shop office area are protected by a wet system while the parts storage area attached to the east side of the building is equipped with a dry pipe system. Fire hydrants are located at the entrance to the facility on the southeast corner of the property and on adjacent properties directly south and west of the main building. Fire access gates are present in the property boundary fence across from each hydrant.

Fire Extinguishers Fire extinguishers will be installed, inspected and maintained as per NFPA 10 Standard for Portable Fire Extinguishers. **Appendix E** is a table of information about the different classes of extinguishers and their proper use.

Fire extinguishers are located strategically throughout MP. Do not remove or tamper with fire extinguishers installed on equipment or vehicles or in other locations unless authorized to do so or in case of fire. To use the extinguishers:

- a. Hold upright and **pull** the ring pin.
- b. Stand back the appropriate distance listed on the extinguisher and **aim** at the base of the fire.
- c. **Squeeze** the lever and sweep the extinguisher side to side.
- d. **PASS.**

Fire Fighting Equipment: Fire fighting equipment must be kept free from obstacles, equipment, materials, and debris that could delay emergency use of such equipment. Familiarize yourself with the location and use of the facility's fire fighting equipment.

6.4.4 In Case Of Fire

All employees should perform the following in case of a fire:

- a. Know what to do and where emergency equipment is located before an emergency situation occurs. Do not wait until a fire occurs to find out where the emergency telephone numbers, fire alarm pull stations, nearest exit and fire extinguishers are located.
- b. Size up the situation and then act appropriately with extreme caution.
- c. Someone properly trained may extinguish a small fire if the proper fire extinguisher is accessible. Remember never place yourself or others in danger.
- d. It is important to know what type of fire extinguisher to use. See **Appendix E** for a chart on the types of fires and the appropriate extinguishers to be used. Never use water-extinguishing media on live electrical equipment. Electrical current flowing

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through the water stream to your body may electrocute you instantly. The EH&S Department provides training for fire extinguisher use.

- e. Activate the evacuation alarm and dial **911** on a phone located in a safe area. **Do not underestimate any fire.**
- f. When necessary, everyone will evacuate the area or building. Supervisors or other designated personnel are to help disabled or other persons in need of help.
- g. Immediately notify the Security Department at 4907 for the Main Complex and by radio or phone at the Annex and give the exact location of the fire. The Security Department will notify the Main Receptionist, Safety Department, and management. The Receptionist will verify the **911** alarms to Dispatch Operator.
- h. Security or other designated personnel are to meet and direct the fire department to the location of the emergency.
- i. **You are responsible for preventing fires, but you are not obligated to fight fires.**
In general, never join in the fire fighting unless a supervisor, lead person, manager or the fire department requests your help and you feel safe doing so.

6.4.5 Emergency Response

The employees in those areas requiring fire department assistance will perform the following activities:

- a. Activate the alarm system, if it has not already been activated.
- b. Evacuate the shop and account for their employees.
- c. Call 911 and report the fire and the Boise Fire Department will respond.
- d. Notify Security to direct the fire department or assign MP personnel to the main gate to direct fire fighters and emergency traffic to the scene.
- e. Maintenance personnel will isolate electrical power, gas and fuel supplies as required.
- f. After the fire has been extinguished, management will interface with Boise Fire Department Command and a determination will be made as to further action.

6.5 Gas Leaks

All acetylene, oxygen, natural gas or propane supply systems will be shut off at the end of each shift. Detectable leaks that cannot be quickly controlled will require a building evacuation and response from the Boise Fire Department similar to a structure fire.

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6.6 Anthrax and Other Biological Agent Threats

Many facilities in communities around the country have received anthrax threat letters. Most were empty envelopes; some have contained powdery substances. The purpose of these guidelines is to recommend procedures for handling such incidents.

DO NOT PANIC

1. Anthrax organisms can cause infection in the skin, gastrointestinal system, or the lungs. To do so, the organism must be rubbed into abraded skin, swallowed, or inhaled as a fine, aerosolized mist. Disease can be prevented after exposure to the anthrax spores by early treatment with the appropriate antibiotics. Anthrax is not spread from one person to another person.
2. For anthrax to be effective as a covert agent, it must be aerosolized into very small particles. This is difficult to do, and requires a great deal of technical skill and special equipment. If these small particles are inhaled, life-threatening lung infection can occur, but prompt recognition and treatment are effective.

SUSPICIOUS UNOPENED LETTER OR PACKAGE MARKED WITH THREATENING MESSAGE SUCH AS “ANTHRAX”:

1. Do not shake or empty the contents of any suspicious envelope or package.
2. PLACE the envelope or package in a plastic bag or some other type of container to prevent leakage of contents.
3. If you do not have any container, then COVER the envelope or package with anything (e.g., clothing, paper, trash can, etc.) and do not remove this cover.
4. Then LEAVE the room and CLOSE the door, or section off the area to prevent others from entering (i.e., keep others away).
5. WASH your hands with **soap and water** to prevent spreading any powder to your face.
6. What to do next...
 - If you are at **HOME**, then report the incident to local police.
 - If you are at **WORK**, then report the incident to local police, **and** notify Security, Safety Department or an available supervisor/manager.
7. LIST all people who were in the room or area when this suspicious letter or package was recognized. Give this list to both the local public health authorities and law enforcement officials for follow-up investigations and advice.

ENVELOPE WITH POWDER AND POWDER SPILLS OUT ONTO SURFACE:

1. DO NOT try to CLEAN UP the powder. COVER the spilled contents immediately with anything (e.g., clothing, paper, trashcan, etc.) and do not remove this cover!
2. Then LEAVE the room and CLOSE the door, or section off the area to prevent others from entering (i.e., keep others away).
3. WASH your hands with **soap and water** to prevent spreading any powder to your face.
4. What to do next...
 - If you are at **HOME**, then report the incident to local police.

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- If you are at **WORK**, then report the incident to local police, **and** notify Security, Safety Department or an available supervisor/manager.
- 5. REMOVE heavily contaminated clothing as soon as possible and place in a plastic bag, or some other container that can be sealed. This clothing bag should be given to the emergency responders for proper handling.
- 6. SHOWER with **soap and water** as soon as possible. *Do Not Use Bleach Or Other Disinfectant On Your Skin.*
- 7. If possible, list all people who were in the room or area, especially those who had actual contact with the powder. Give this list to both the local public health authorities so that proper instructions can be given for medical follow-up, and to law enforcement officials for further investigation.

QUESTION OF ROOM CONTAMINATION BY AEROSOLIZATION:

For example: small device triggered, warning that air-handling system is contaminated, or warning that a biological agent released in a public space.

1. Turn off local fans or ventilation units in the area.
2. LEAVE area immediately.
3. CLOSE the door, or section off the area to prevent others from entering (i.e., keep others away.)
4. What to do next...
 - If you are at **HOME**, then *dial "911"* to report the incident to local police and the local FBI field office.
 - If you are at **WORK**, then *dial "911"* to report the incident to local police and the local FBI field office, **and** notify Security, Safety Department or an available supervisor/manager.
5. SHUT down air handling system in the building, if possible.
6. If possible, list all people who were in the room or area. Give this list to both the local public health authorities so that proper instructions can be given for medical follow-up, and to law enforcement officials for further investigation.

HOW TO IDENTIFY SUSPICIOUS PACKAGES AND LETTERS

Some characteristics of suspicious packages and letters include the following...

- Excessive postage
- Handwritten or poorly typed addresses
- Incorrect titles
- Title, but no name
- Misspellings of common words
- Oily stains, discolorations or odor
- No return address
- Excessive weight
- Lopsided or uneven envelope
- Protruding wires or aluminum foil
- Excessive security material such as masking tape, string, etc.

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- Visual distractions
- Ticking sound
- Marked with restrictive endorsements, such as “Personal” or “Confidential”
- Shows a city or state in the postmark that does not match the return address

7.0 EVACUATION OF PREMISES

7.1 Procedures

In the event of an emergency where it is necessary to evacuate one or more of the facility's buildings, the following procedure will be followed:

- a. Shop Managers, supervisors, and lead people will assist employees with evacuation procedures and check isolated areas such as restrooms, storage closets, locomotive cabs etc., for remaining employees. Employees will follow the emergency exit instructions for their building found in Appendix B.
- b. Shop Managers, supervisors, and lead people will be responsible for ensuring that all personnel have vacated their area of responsibility by taking a roll call at the designated evacuation meeting location. During the head count, the portable radios will be used to verify the employee counts taking place within the designated evacuation areas (shown on the facility evacuation map **Appendix A**). Once totals have been collected, the supervisors and lead people will report to the Emergency Coordinator via radio, telephone or in person to disclose their results and receive further response information.
- c. If there is a power outage affecting the radio repeater, radios will need to be switched to channel two. Channel one will be non-operational and channel two will be used for all communications.
- d. Further instructions will be given to the employees by the supervisor at the designated meeting location.

7.2 Emergency Coordinator Responsibilities

The Emergency Coordinator or assigned alternate will direct any or all of the following activities judged necessary by the nature of the emergency.

- a. Verify the alarm signal.
- b. Notify the fire and police department of the evacuation activity, the condition of the premises and obtain their assistance in providing the safest route for employee evacuations from the general area if required.
- c. Request designated Maintenance Department personnel to shut down building electrical and gas supplies.
- d. Assign personnel to direct traffic leaving company property in an orderly coordinated

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manner after verification of the head count.

- e. Ensure that MotivePower Security will perform a lock down of the facility or affected area after the emergency is over.

7.3 In Case Of Evacuation

- a. Evacuation Routes - In the event of an emergency, all personnel will follow the evacuation instructions shown on the Emergency Exit Instructions found in Appendix B and posted throughout each building. A facility map found in Appendix A shows the designated meeting locations for each shop. Employees will remain in the designated meeting location until their Emergency Coordinator has provided them with further instructions.
- b. Shop Managers – Shop Managers will be the last to leave the building(s) in evacuation situations. They will ensure that no one remains in the building(s), direct the evacuation of their building(s) and ensure that processes creating a hazard are shut down. The Shop Managers have the main responsibilities noted above and the Emergency Coordinators are to assist the Shop Managers with these duties as needed.
- c. Supervisors/Lead People Tasks - Supervisors/Lead People are responsible for taking a roll call of their crews once in the evacuation area and immediately notifying the Shop Manager if anyone is missing and presumed to be in the building(s). They are responsible for reviewing the evacuation and emergency procedures with their crews during the biweekly safety meetings and making sure the employees know and understand the procedures and how to properly execute an emergency evacuation.
- d. Emergency Coordinator - The Emergency Coordinator or Assistants are to aid the efforts to evacuate the building(s) as predetermined. They are to assist the identified First Aid Providers if qualified and necessary.

8.0 NON-EVACUATION EMERGENCY PROCEDURES

8.1 Procedures

In the event of an emergency where it is feasible to remain on the premises without endangering plant personnel, the following procedure will be used:

- a. An Emergency Control Center is to be established at or near the building evacuation meeting location.
- b. The Emergency Coordinator and Shop Managers will report to the Emergency Control Center to evaluate the situation.
- c. Appropriate actions will be taken, as determined.

9.0 HOUSEKEEPING

It is very important to maintain good housekeeping. Proper housekeeping provides a safe and clean working environment.

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- a. Clear access to all available fire fighting and safety equipment must be maintained at all times. The hanging of clothes, ropes or other materials over fire extinguishers is prohibited.
- b. Regular clean up and storage of scrap material, sawdust, rags, oil, paint, grease, flammable solvents and other residue of remanufacturing and construction operations will not only remove or reduce the fire hazard, but will promote general safety at the same time.
- c. All outside areas and storage yards should be cleared of weeds, debris and other combustible materials.
- d. All rubbish should be cleared from buildings at least daily and work areas shall be kept free of accumulations of debris.
- e. All rags, waste, etc., soiled by combustible or flammable materials shall be placed in tightly closed metal containers for appropriate disposal or cleaning.
- f. All workstations shall be kept clean and accessible.
- g. Areas beneath and within twenty feet of buildings should be free of accumulation of debris and combustible vegetation.

10.0 PREPAREDNESS AND TRAINING

It is important to be prepared to properly handle any emergency situation, which may arise. The following describes important aspects of preparedness.

- a. Unobstructed Means of Egress - A "means of egress" is a continuous and **unobstructed** way to exit from any point in a building or structure to a public way. It consists of three separate and distinct parts, which must remain clear of debris and obstructions at all times. The "exit access" (portion leading to the exit), the "exit" (the door), and the "exit discharge" (the area between the door and the public way). The "public way" is the evacuation area designated by the facility and/or the local authorities. It is the area in which the roll call takes place.

Routine inspections of all "means of egress" are mandatory to ensure all passageways are clear and accessible at all times.

- b. Drills - In conjunction with the Boise Fire Department and other appropriate authorities, announced and/or unannounced fire and evacuation drills will be executed at least annually to ensure all personnel are familiar with emergency procedures.

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When applicable, meetings between the Shop Managers, Emergency Coordinators, Supervisors, Lead People, Boise Fire Department, and Security will occur after each drill to discuss the results of the drill and to develop revisions to the Plan to alleviate problem areas as necessary.

- c. Emergency Preparedness Checklist - The checklist contains items to be considered prior to every emergency situation to ensure the facility can efficiently deal with the situation.

1.	Emergency plan operative	y	n
2.	Employee training current	y	n
3.	Responsible parties assigned	y	n
4.	Water, fuel, & power shutoffs Accessible		y n
5.	Interior communications tested	y	n
6.	Fire detection devices tested	y	n
7.	Sprinkler and alarm systems tested	y	n

- d. Employee Training - All employees at MP are to be trained in emergency and evacuation procedures. **Appendix D** shows a training guide outlining the training given in biweekly safety meetings for the employees and their foremen/leadmen.

It is essential that everyone know what to do in emergency situations.

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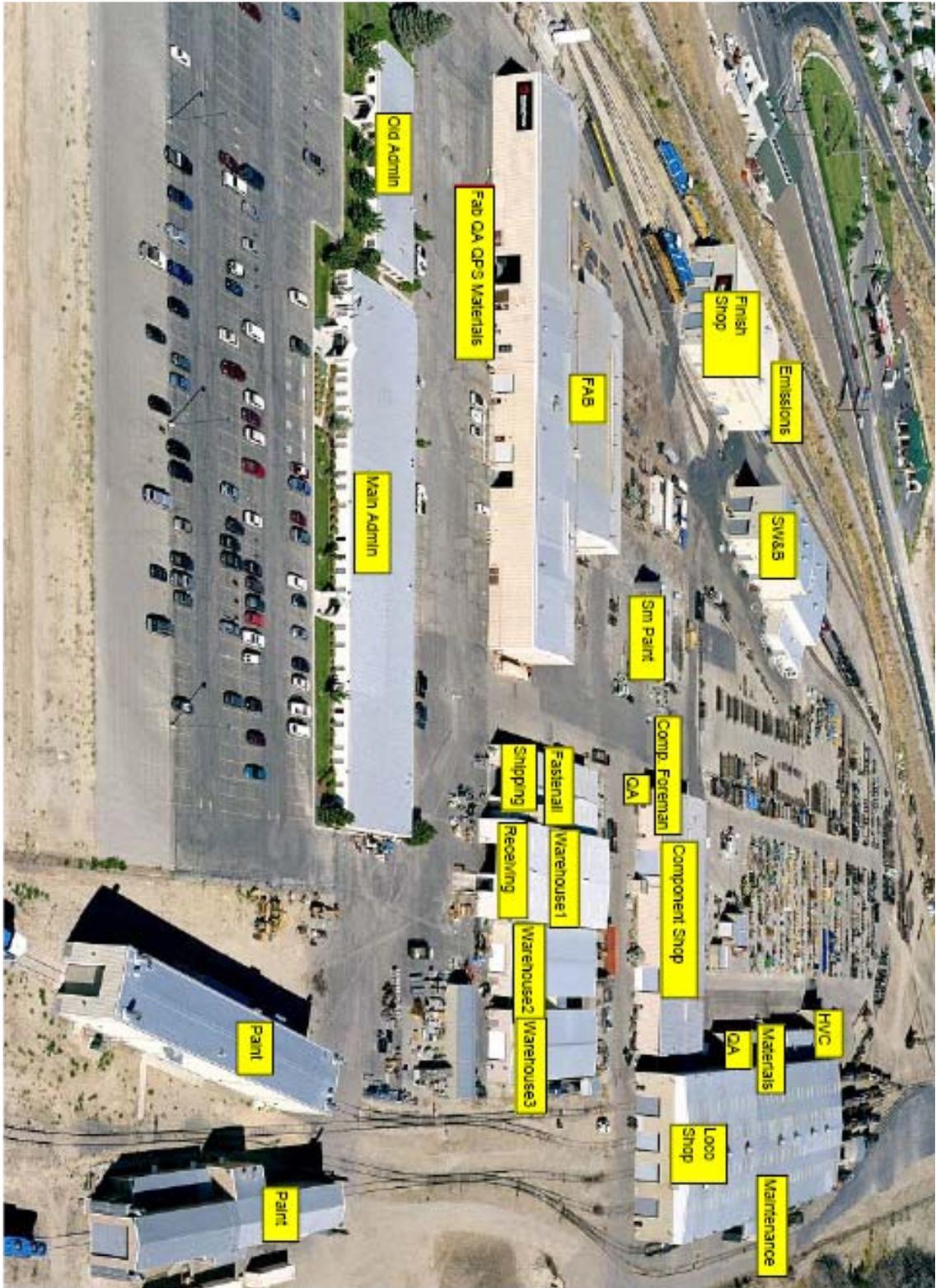
APPENDIX A

Main Complex Designated Meeting Location Evacuation Map

Main Complex Building Locations

Truck & Engine Annex Building Layout Drawing

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APPENDIX B
INDIVIDUAL BUILDING EXIT INSTRUCTIONS

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ADMINISTRATION BUILDING
EMERGENCY RESPONSE INSTRUCTIONS

Department managers or their designate are in command in any emergency. Verbal communication must be made to the Engineering dept. employees located in the Mobile Engineering Office located at the southeast corner of the Administration building.

In the event of a fire or gas leak in the Administration Building:

- **SOUND THE ALARM!** The evacuation alarm system in the Administration Building is an audible and visual alarm. Pull stations are located near the entrance/exits of the building. The building is also equipped with smoke and heat detectors. The alarm system reports to Peak Alarm Company.
- **Mobile Engineering Office:** Engineering employees will participate in drills and building evacuations following the same instructions as the Administration building.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher.
- Sound the evacuation alarm by activating a pull station located at each doorway.

Evacuate the building

- Exit the building through the closest clear exit.

Proceed to STAGING AREA B-1 located on the west boundary of the employee parking lot or STAGING AREA B-2 located on the east side of the Administration building next to the Fabrication Shop.

During inclement weather managers may direct employees to meet in the Warehouse. Managers will provide further instructions at the meeting location.

Roll call will be taken to account for everyone.

Return-to-work or facility evacuation instructions will be provided.

- **A manager will notify Security by calling 947 4907 or by hand held radio and the Maintenance Department at 947 2994 or 947 4809.**

The Maintenance Department will:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**
- **Open traffic gate located at the south side of the building.**

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COMPONENT SHOP

The lead person, supervisor and manager are the Emergency Coordinators in command during any emergency.

In the event of fire or emergency in the Component Shop

- **SOUND ALARM!** The alarm pull box is located on a center beam in the south-end of the building. A second pull box is located in the Locomotive Shop between column 7 and 9 on Track 1 Spot 3. The same signal system is used to signify start – stop of shift and lunchtime. **An emergency sound will be identified by continual, short, repetitive blasts of the horn.** This alarm system **does not** report to an outside alarm monitoring company.
- **Evacuate Building.** Employees are to go directly to **STAGING AREA B-2** located east of the Administration building.
- **An evacuation of the Component Shop will coincide with an evacuation of the Locomotive Shop.**
- **Call 911. Emergency Coordinator - Report the emergency.**

- **In case of a fire:** Only attempt to extinguish a small fire that can be controlled with a fire extinguisher. - sound the evacuation alarm and leave if the fire cannot quickly be controlled.

- **Notify Security by radio or call 947 4907.**

Employees are to await instructions from the Emergency Coordinator.
Roll call will be taken to ensure accountability.
Return-to-work or further evacuation instructions will be given.

The Maintenance Department will:

- **Disconnect the Main Electrical Panel.**
- **Shut off natural gas.**

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FABRICATION SHOP
EMERGENCY RESPONSE INSTRUCTIONS

The lead people, supervisor and manager are the Emergency Coordinators in command during any emergency situation and their instructions must be followed.

In the event of fire or emergency in the Fabrication Shop:

- **Sound the Alarm:** Evacuation alarm pull stations are located at all exit doors. The alarm is both audible and visual. This alarm system reports to an offsite monitoring company responding the Boise Fire Department.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, sound the evacuation alarm and leave by the exit door nearest you that does not place you in danger.

Evacuate the building.

Employees are to proceed too **STAGING AREA C located 15 feet southeast of the Guard Station.**

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be given.

- **Call 911. Emergency Coordinator.**
- **Notify Security by radio or call Extension 947 4907.**

The Maintenance Department will:

- **Disconnect the main electrical supply**
- **Turn off all bulk supplies of flammable or oxidizer gas**

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FINISH SHOP
EMERGENCY RESPONSE INSTRUCTIONS

The lead person, supervisor and manager are the Emergency Coordinators in charge of any emergency situation and their instructions must be followed.

In the event of Fire or Emergency in the Finish Shop

- **SOUND THE ALARM!** The evacuation alarm system for the Finish Shop is an audible alarm. Pull stations are located near the emergency exits. A sprinkler system is also located in the Finish Shop and is equipped with heat-activated sprinkler heads. Only those sprinklers sensing heat will be activated. When the sprinkler system is activated the water gong sounds outside the building and an alarm buzzer will sound inside the building. This system reports to an outside alarm company and at the MotivePower Security Station.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, sound the evacuation alarm and leave by the exit door nearest you that does not place you in danger.

Evacuate the building.

Employees are to meet in the staging area **located north/east corner of the Fabrication Shop.**

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be given.

- **Notify Security by radio or call Extension 947 4907**

The Maintenance Department will:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**

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LOCOMOTIVE SHOP
Including Offices

Lead people, supervisors and managers are the Emergency Coordinators in charge during any emergency situation.

In the event of a fire or emergency situation requiring evacuation of the Locomotive Shop

- **SOUND THE ALARM!** The evacuation alarm pull boxes are located between columns 7 and 9 on Track 1 Spot 3 in the Locomotive Shop, at all door exits except the two northeast corner doors next to Loco maintenance, and on a center column in the south-end of the Component Shop. The same signal system is used to signify the start-end of shift and lunchtime. The **emergency alarm will be denoted by continual, short, repetitive blasts of the horn.** This alarm system **does not** report to an outside alarm company.
- An evacuation of the Locomotive Shop will coincide with an evacuation of the Component Shop and South Maintenance shop.
- South Maintenance shop is not equipped with an alarm system. Verbal notification will be used.
- **Evacuate the buildings.**
- The main shop will meet at the Staging located on the west end of the Locomotive Shop next to the water cistern by the Large Paint Shops.
- The Administration offices and lunchroom will meet on the north side of the Locomotive Shop next to the designated smoking area.
- **Call 911. Emergency Coordinator.**
- **Remember in case of a fire:** Only attempt to extinguish a small fire safely controlled with a fire extinguisher. Sound the alarm and evacuate the buildings.
- **Notify Security by radio or call 947 4907.**

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be provided.

The Maintenance Department will:

- **Disconnect the main electrical panel.**
- **Shut off natural gas valve.**

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NORTH & SOUTH LARGE PAINT SHOPS
EMERGENCY RESPONSE INSTRUCTIONS

The Lead Person, Supervisor and Manager are the Emergency Coordinators in command during any emergency situation and their instructions must be followed.

In the event of a Fire or Emergency Evacuation in the Large Paint Shops.

- **SOUND THE ALARM! The North Large Paint Shops Fire & Evacuation Alarm System is equipped with pull boxes located by all of the building exit doors. The building is equipped with heat detectors located outside of the paint booths.**

An alarm buzzer and strobe lights located outside of the paint booths in the main building structure denotes an evacuation alarm. The lights located in the roof and the walls at each end of the paint booths will blink on and off and the paint air will shut off within three minutes of an alarm to notify painters working inside of the booth. The alarm system is activated when a pull box is tripped, a heat detector is activated or when the fire protection sprinkler system water flow is detected. All alarms in the North Large Paint Shop are signaled automatically to an alarm company and the Security Station. A sprinkler system is located in each of the Large Paint Shops. When a sprinkler system is activated the water flow bell sounds outside the building.

- **The South Large Paint Shop is not equipped with an alarm or fire detection system. Employees are notified of an emergency evacuation by verbal communication.** Water flow detected in the fire sprinkler system is **not** automatically transmitted to an alarm company or to Security. 911 emergency notifications will have to be called in.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, sound the evacuation alarm and leave by the exit door nearest you that does not place you in danger.
- **NOTIFY SECURITY by radio or call at 947 4907**

Evacuate the building.

Go directly to the staging **located east of the Paint Shops next to the Water Cistern.**

Await instructions from the Emergency Coordinator or your Supervisor.

Roll call will be taken to ensure accountability for everyone.

Return-to-work or further evacuation instructions will be provided.

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QTRON and TRAINING BUILDING
EMERGENCY EXIT INSTRUCTIONS

The following people are the Emergency Coordinators in command during any emergency and their instructions must be followed:

Emergency Coordinator - Art Anderson
Assistant Manager - Andy Frahm

- **SOUND THE ALARM!** The evacuation alarm system is an audible and visual alarm. Pull stations are located near the entrance/exits of the building. The building is also equipped with smoke and heat detectors. The alarm system reports to Peak Alarm Company.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher.
- Sound the evacuation alarm by activating a pull station located at each doorway.
- **Notify Security by radio or call 947 4907.**

Building evacuation and Staging Area.

Employees are to meet at the staging area located by the Security Station at the front gate.

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be given.

The Maintenance Department will:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**

SMALL PAINT SHOP
EMERGENCY RESPONSE INSTRUCTIONS

The Lead Person, Supervisor and Manager are the Emergency Coordinators in command during any emergency situation and their instructions must be followed.

In the event of Fire or Emergency in the Small Paint Shop

- **VERBAL ALERT!** The Small Paint Shop has no alarm system. Verbal communication will be used to notify workers of a building evacuation. The building is small enough to justify alerting workers of emergency situations by verbal communication. It is the responsibility of the employees in the building to make sure the adjacent rooms containing the heater and steam cleaner is free from personnel, if an emergency should arise. The paint exhaust filters in the Small Paint Shop do have a sprinkler system that is heat activated.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, sound the evacuation alarm and leave by the exit door nearest you that does not place you in danger.

Evacuate the building.

Go directly to **STAGING AREA F** located west of the Small Paint Shop next to the **Fabrication Shop**.

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability for everyone.

Return-to-work or further evacuation instructions will be given.

- **Notify Security by radio or call 947 4907.**

The Maintenance Department will:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**

MotivePower
Fire & Emergency Action Plan

SOUTH MAINTENANCE

The lead person, supervisor, and manager are the Emergency Coordinators in command during any emergency situation.

In the event of a fire or emergency:

- **VERBAL NOTIFICATION!** An emergency in the Locomotive Shop will require an evacuation of the Tunnel.
- **Evacuate the building.**
- **Meet at STAGING AREA E: located on the west end of the Locomotive Shop next to the water cistern by the Large Paint Shops.**
- **Call 911. Emergency Coordinator.**
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. Evacuate the structure if the fire cannot quickly be controlled.
- **Notify MP Security by radio or call 947 4907.**

Await instructions from the Emergency Coordinator.
Roll call will be taken to ensure accountability for everyone.
Return-to-work or further evacuation instructions will be provided.

The Maintenance Department will:

- **Disconnect main electrical power panel.**

MotivePower
Fire & Emergency Action Plan

Strip, Wash, Blast & Prime Building
EMERGENCY RESPONSE INSTRUCTIONS

The Lead Person, Supervisor, and Manager will be the Emergency Coordinators in command during any emergency situation and their instructions must be followed.

In the event of Fire or Emergency in the SWB&P Shop

- **SOUND THE ALARM!** The evacuation alarm system for the SWB&P Shop is an audible alarm. Pull stations are located near the exit doors. The pull stations in the Steam Bay have a lexan cover that will need raised to gain access to the pull station. A sprinkler system is also located in the SWB&P Shop and is activated by heat-activated sprinkler heads. Only those sprinklers sensing heat will be activated. When the sprinkler system is activated the water gong sounds outside the building and an alarm buzzer will sound inside the building. This system reports to an outside fire alarm monitoring company that will call 911.
- The **Blast Booth** is equipped with a **Man Down** and **Dead Man** alarm systems that report to the MotivePower Security Station.
- The **Man Down** alarm consists of push buttons located in the middle of the booth on the north and south walls that can activate the alarm.
- The Blaster has ten minutes to open a Blast Booth door after having stopped blasting or the **Dead Man** alarm automatically sends an alarm signal.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, sound the evacuation alarm and exit the building.

Building evacuation.

Employees are to meet at the staging area located on the northeast corner of the Fabrication Shop. Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be given.

- **Notify Security by radio or call 947 4907.**

The Maintenance Department:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**

MotivePower
Fire & Emergency Action Plan

TRUCK AND ENGINE ANNEX
EMERGENCY RESPONSE INSTRUCTIONS

The Lead Person, Supervisor and Manager are the Emergency Coordinators in charge during any emergency situation and their instructions must be followed.

In the event of fire or emergency at the Truck and Engine Annex:

- **SOUND THE ALARM!** The manual pull box is located at the front entrance area. The alarm system is the same system used for employee breaks. The emergency alarm is indicated by continual, short, repetitive blasts of the break bell. The building evacuation alarm does **not** report to an off-site alarm monitoring company.
- The fire sprinkler system located at the Truck and Engine Annex will activate the fire alarm signaling system. During a fire situation, heat-activated sprinkler heads in the area open and a water gong and siren sounds outside. The production and office areas are protected by a "wet" system and the parts storage area to the east is equipped with a "dry" system. The sprinkler system alarm reports to an off-site fire alarm monitoring company that will call 911.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. If the fire cannot quickly be controlled, sound the evacuation alarm and leave by the exit door nearest you.

Building evacuation.

Employees are to meet in the parking lot.

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability.

Return-to-work or further evacuation instructions will be given.

The Maintenance Department will:

- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**

MotivePower
Fire & Emergency Action Plan

WAREHOUSE
EMERGENCY RESPONSE INSTRUCTIONS

The Lead People, Supervisor, and Managers are the Emergency Coordinators in command during any emergency situation and their instructions must be followed:

In the event of fire or emergency in the Warehouse

- **The Warehouse is equipped with an alarm system.** The alarm system includes audible and strobe lights. A sprinkler system is also located in the Warehouse and is activated by heat-activated sprinkler heads. Warehouse #1 and Warehouse #2 utilize a wet system and Warehouse #3 and Warehouse #4 utilize a dry system. Only those sprinklers sensing heat will be activated. When the sprinkler system is activated the water gong sounds outside the building and sets off the alarm system. This system is connected to an alarm company.
- **Fastenal Employees:** Fastenal employees will participate in drills and building evacuations and follow the same instructions as our employees.
- **Mobile Office Technical Publications Employees:** Technical Publications employees will participate in drills and building evacuations and follow the same instructions as the Warehouse.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher. - If the fire cannot quickly be controlled, evacuate the building. Exit using the door nearest you that does not place you in danger.
- **Notify Security by radio or call extension 4907.**

Evacuate the building.

Go directly to **STAGING AREA D** located on the east side of the Large Paint Shops.

Await instructions from the Emergency Coordinator.

Roll call will be taken to ensure accountability for everyone.

Return-to-work or further evacuation instructions will be provided.

The Maintenance Department will:

- **Disconnect the electrical power supply system.**

Engineering Trailer

EMERGENCY RESPONSE INSTRUCTIONS

Department managers and group leaders or designates are in command in any emergency.

In the event of a fire or gas leak in the Engineering Trailer and the Administration Building:

- **VERBAL ALERT!** The office structure is not equipped with an alarm system. Verbal communication will be used to notify workers of an evacuation. The office structure is small enough to justify alerting workers of emergency situations by verbal communication.
- **Remember in case of a fire:** Only attempt to extinguish a small fire that can be safely controlled with a fire extinguisher.

Evacuate the structure

- Exit the building through the closest clear exit.

Proceed to STAGING AREA B-2 located on the east side of the Administration building next to the Fabrication Shop.

During inclement weather managers may direct employees to meet in the Warehouse. Managers will provide further instructions at the meeting location.

Roll call will be taken to account for everyone.

Return-to-work or facility evacuation instructions will be provided.

- A manager will notify Security by calling 947 4907 or by hand held radio and the Maintenance Department at 947 2994 or 947 4809.

The Maintenance Department will:

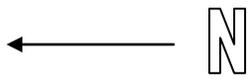
- **Disconnect the Main Electrical Power Supply.**
- **Shut off the natural gas supply valve.**
- **Open traffic gate located at the south side of the building.**

**MotivePower
Fire & Emergency Action Plan**

APPENDIX C

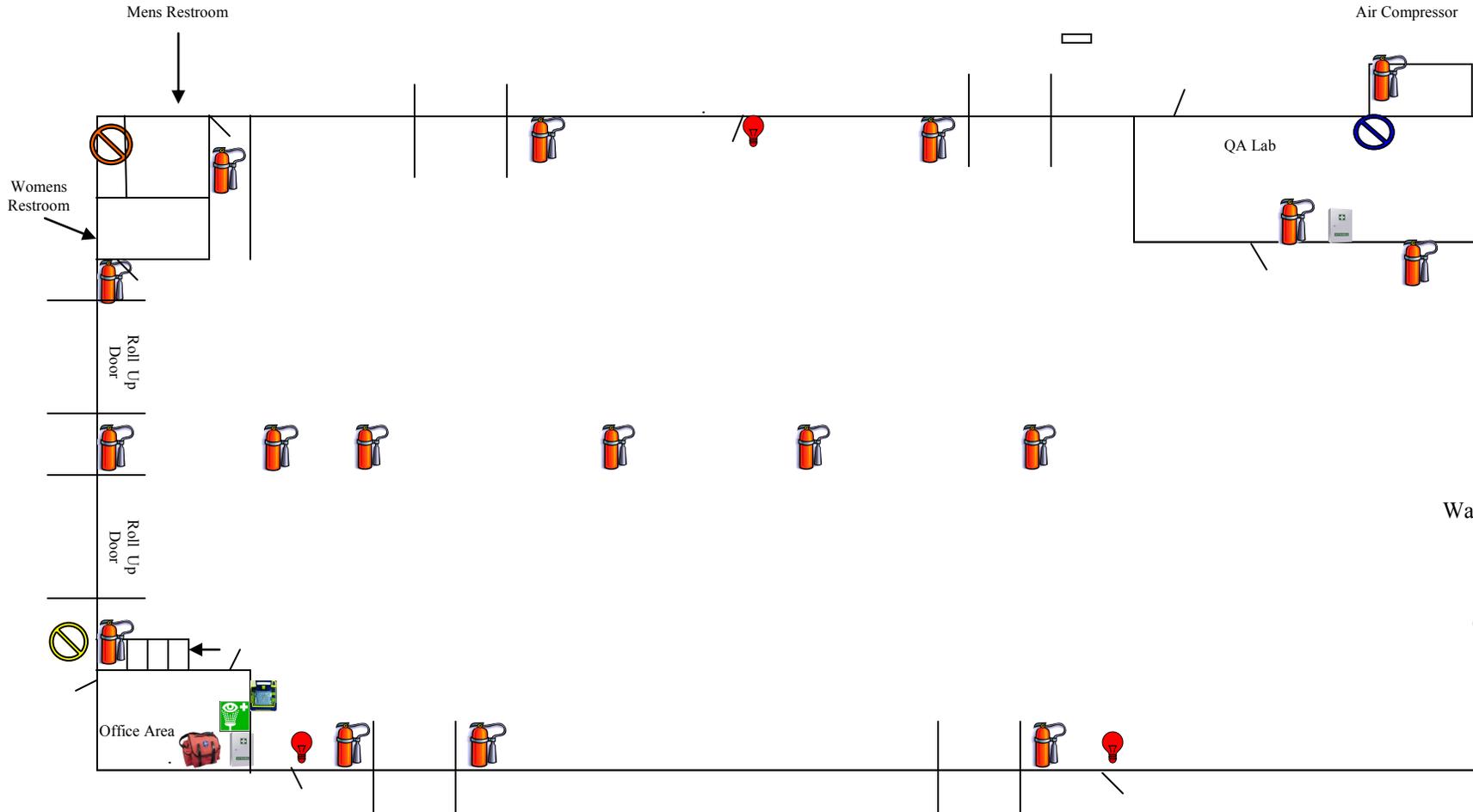
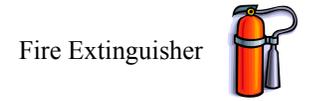
Building Utility and Exit Drawings

Fire System Information



Component Shop

E-lights / Extinguishers



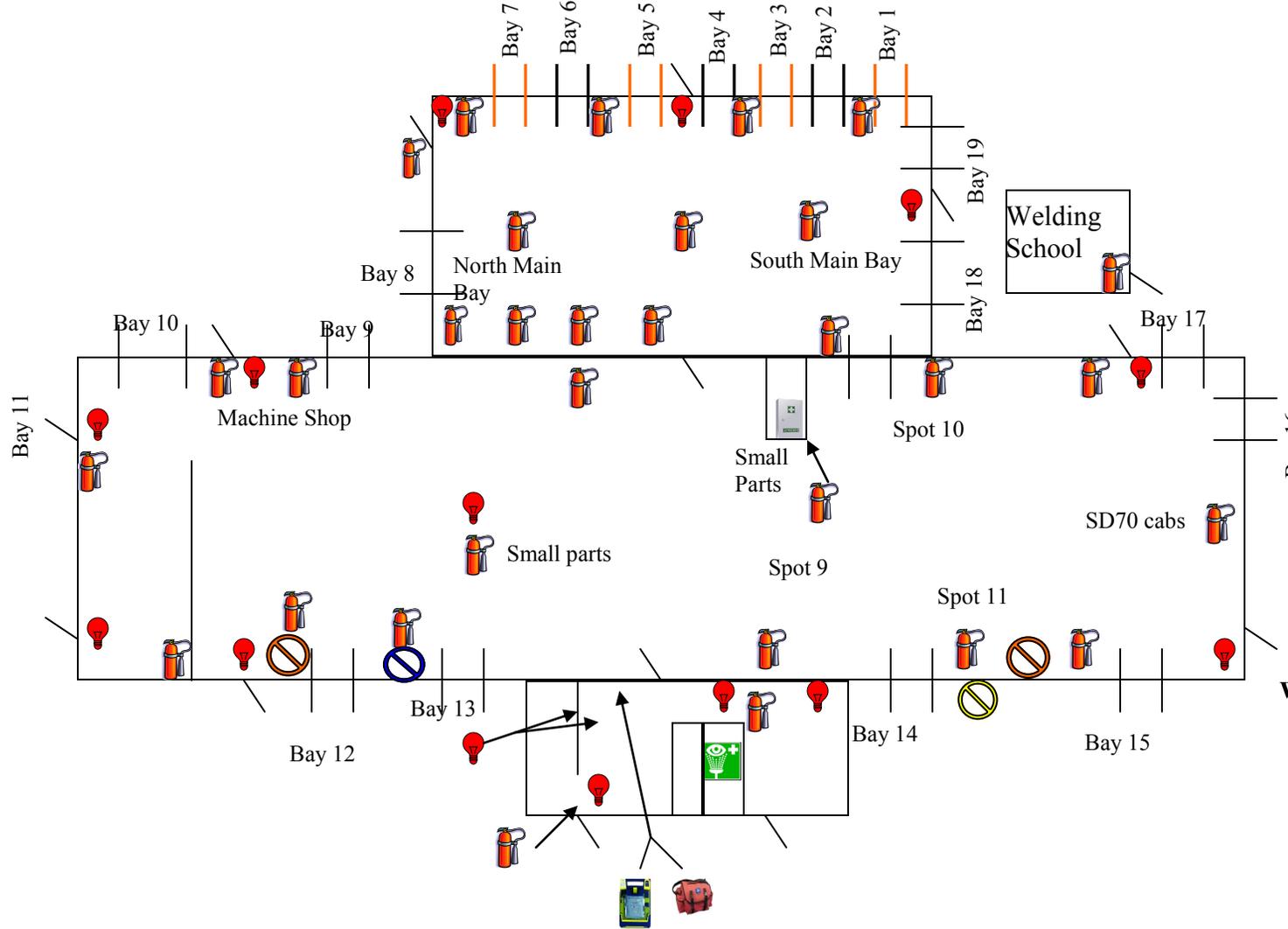
South East Corner of
Fab Shop





Fab Building

E-lights / Extinguishers



E-light



Fire Extinguisher



First Aid



Eye Wash



AED



Roll up Door



Man Door



ER Bag



Water Shut Off



Gas Shut Off



Electrical Disconnect

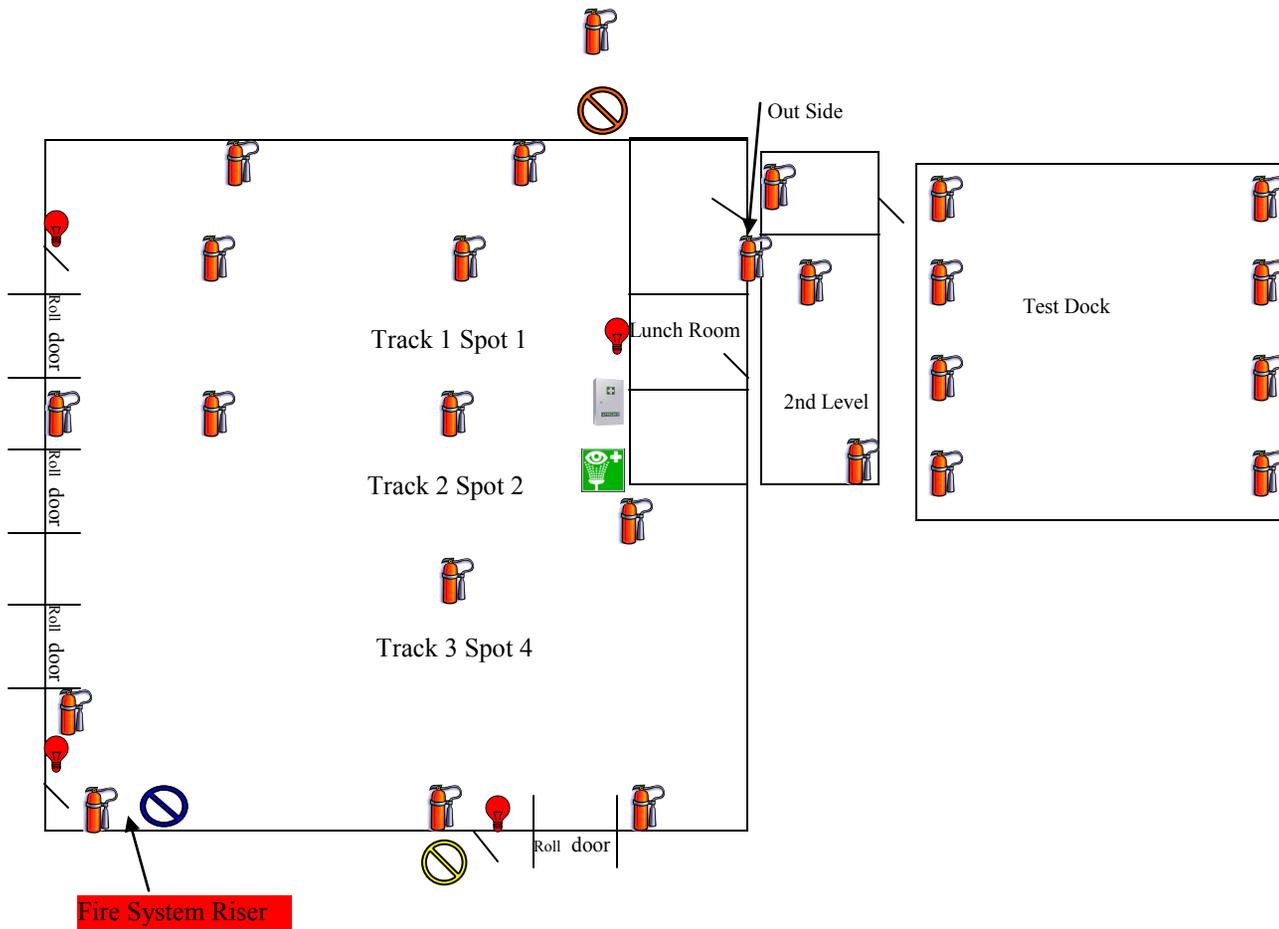


Guard House Area



Finish Building

E-lights / Extinguishers



E-light 

Fire Extinguisher 

 E-light out 

First Aid 

Eye Wash 

Glow in the Dark 

Water Shut Off 

Gas Shut Off 

Electrical Disconnect 

West Side of Small Paint

Small Paint

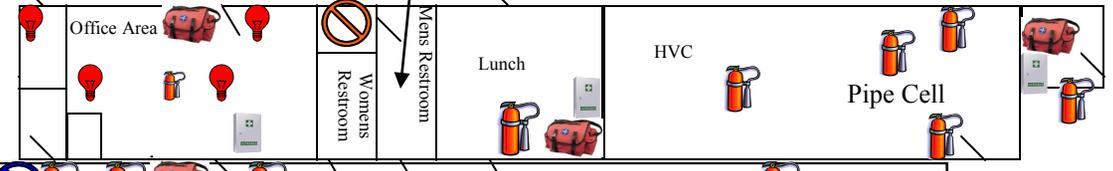
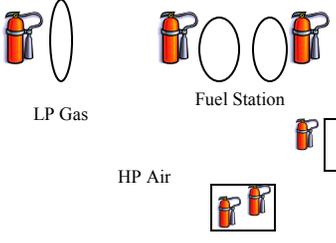




Comp Shop

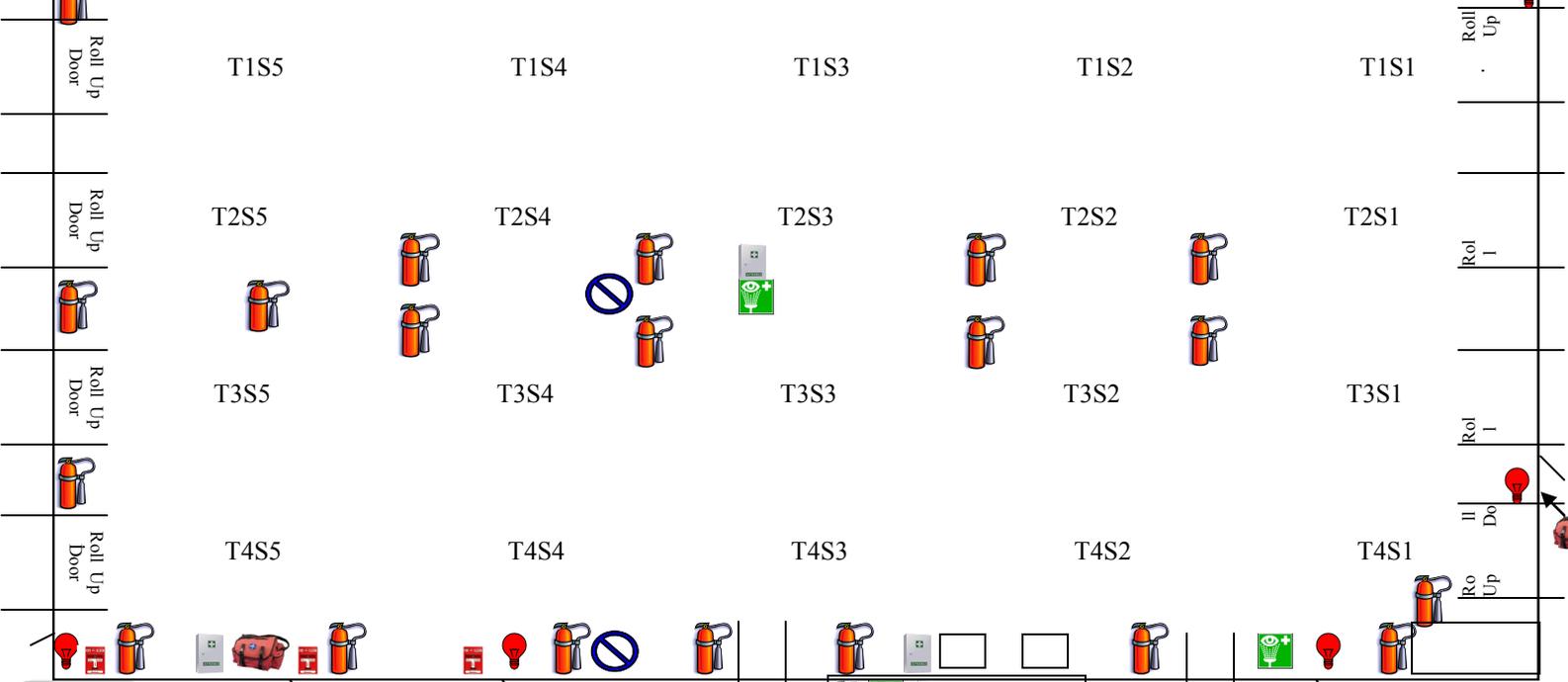
Loco Shop

E-lights / Extinguishers



- E-light
- Fire Pull Box
- Fire Extinguisher
- First Aid
- Eye Wash

West



- AED
- ER Bag
- Water Shut Off
- LP Gas
- Gas Shut Off
- Electrical Disconnect

EVACUATION ASSEMBLY AREA

North of the Pump House

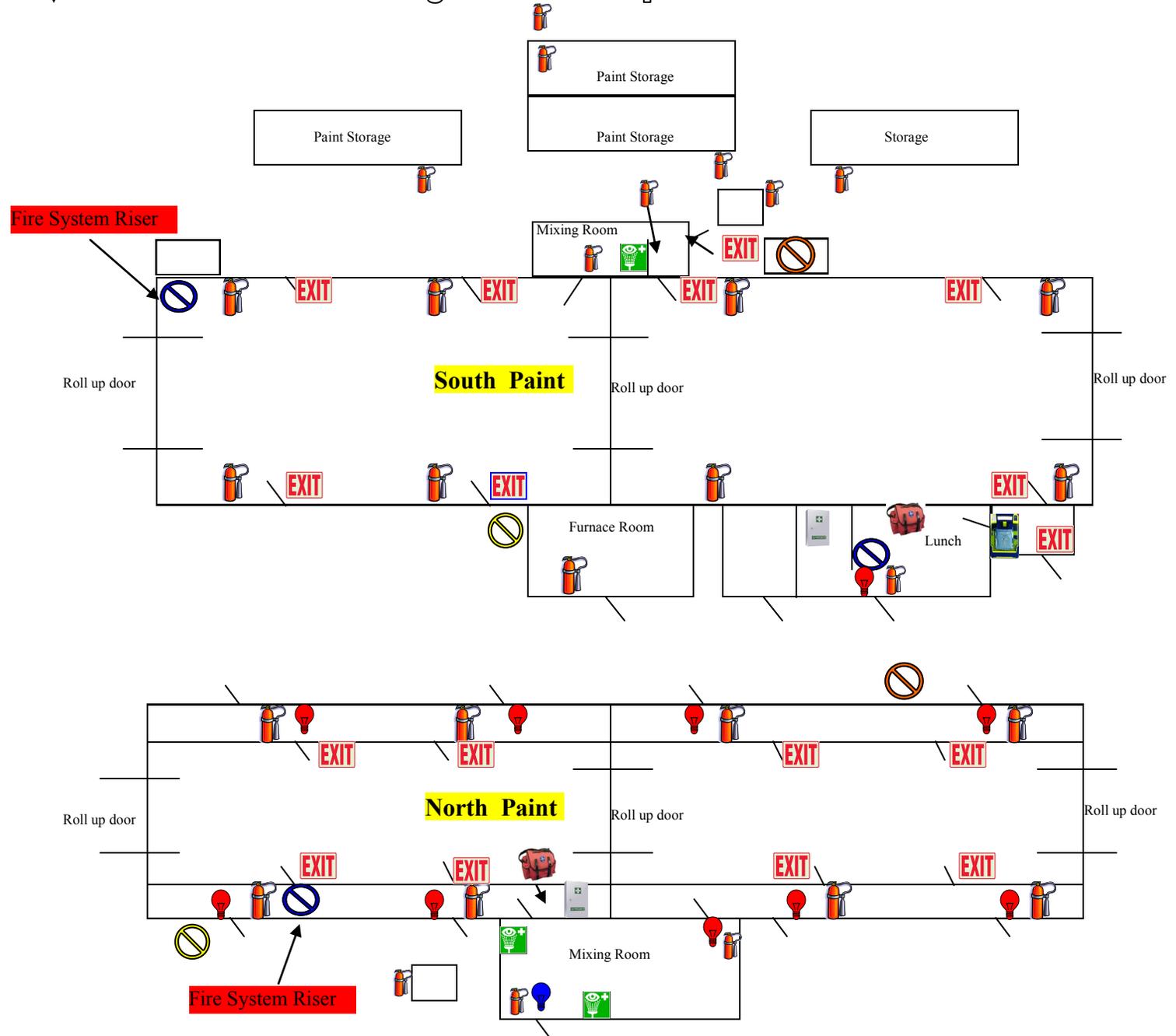


North of the Pump House



Large Paint

E-lights / Extinguishers



E-light 

Fire Extinguisher 

First Aid 

Eye Wash 

Glow in the Dark **EXIT** 

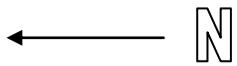
AED 

ER Bag 

Water Shut Off 

Gas Shut Off 

Electrical Disconnect 



Training / QTron Office

E-lights / Extinguishers



E-light



Fire Extinguisher



First Aid



Eye Wash



Glow in



AED



ER Bag



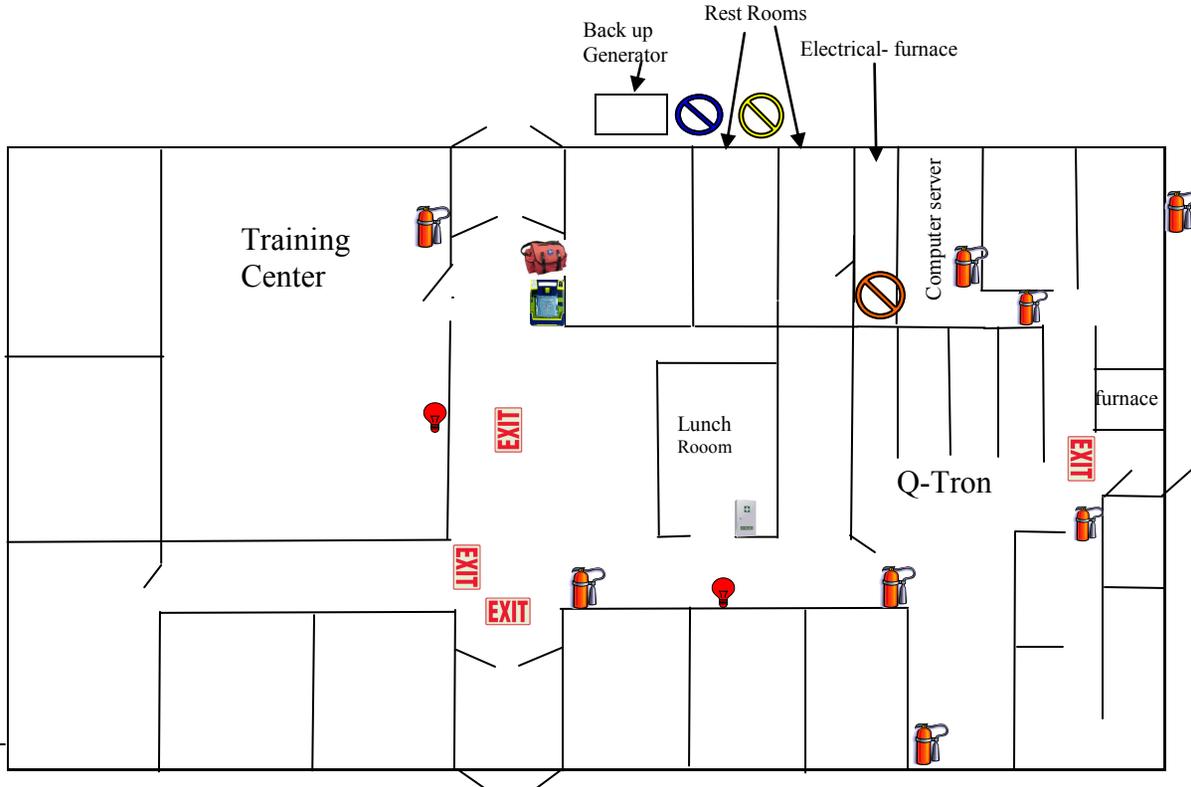
Water Shut Off



Gas Shut Off

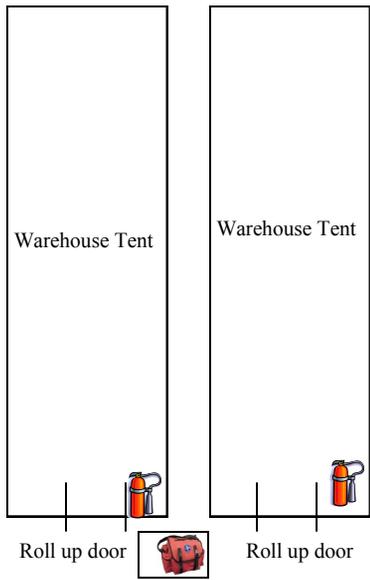
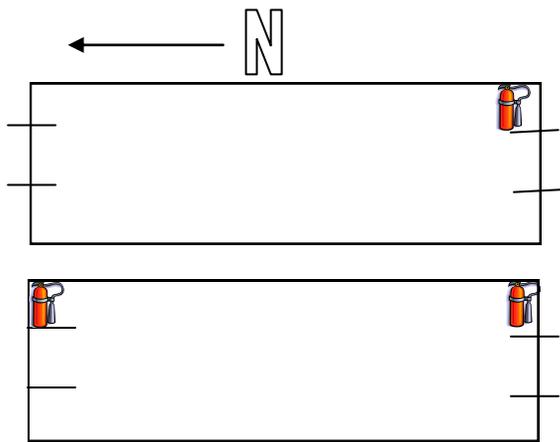


Electrical Disconnect



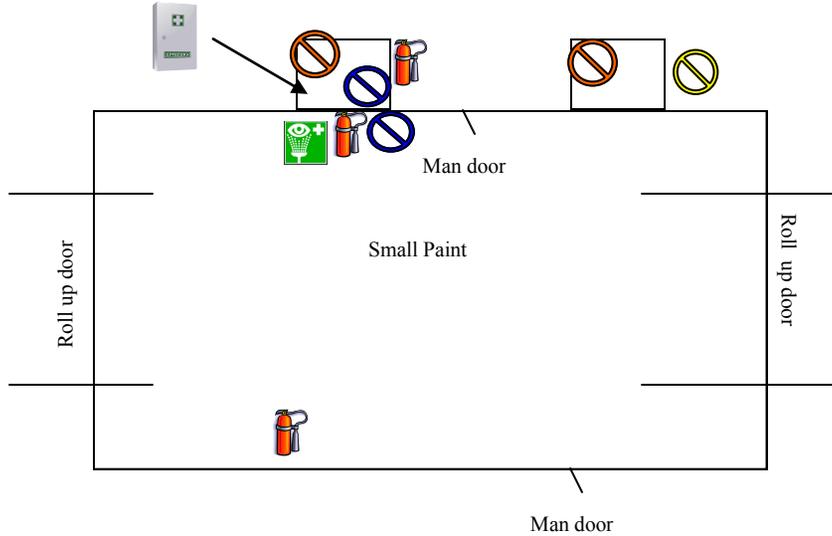
EVACUATION ASSEMBLY AREA

Main Parking Lot



Small Paint and Tents

E-lights / Extinguishers



E-light 

Fire Extinguisher 

E-light out 

First Aid 

Eye Wash 

Water Shut Off 

Gas Shut Off 

Electrical Disconnect 

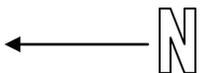
ER Bag 

Corner of the Fab shop



SWB Building

E-lights / Extinguishers



E-light 

Fire Extinguisher 

ER Bag 

First Aid 

Eye Wash 

Water Shut Off 

Gas Shut Off 

Electrical Disconnect 

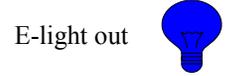
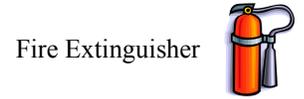
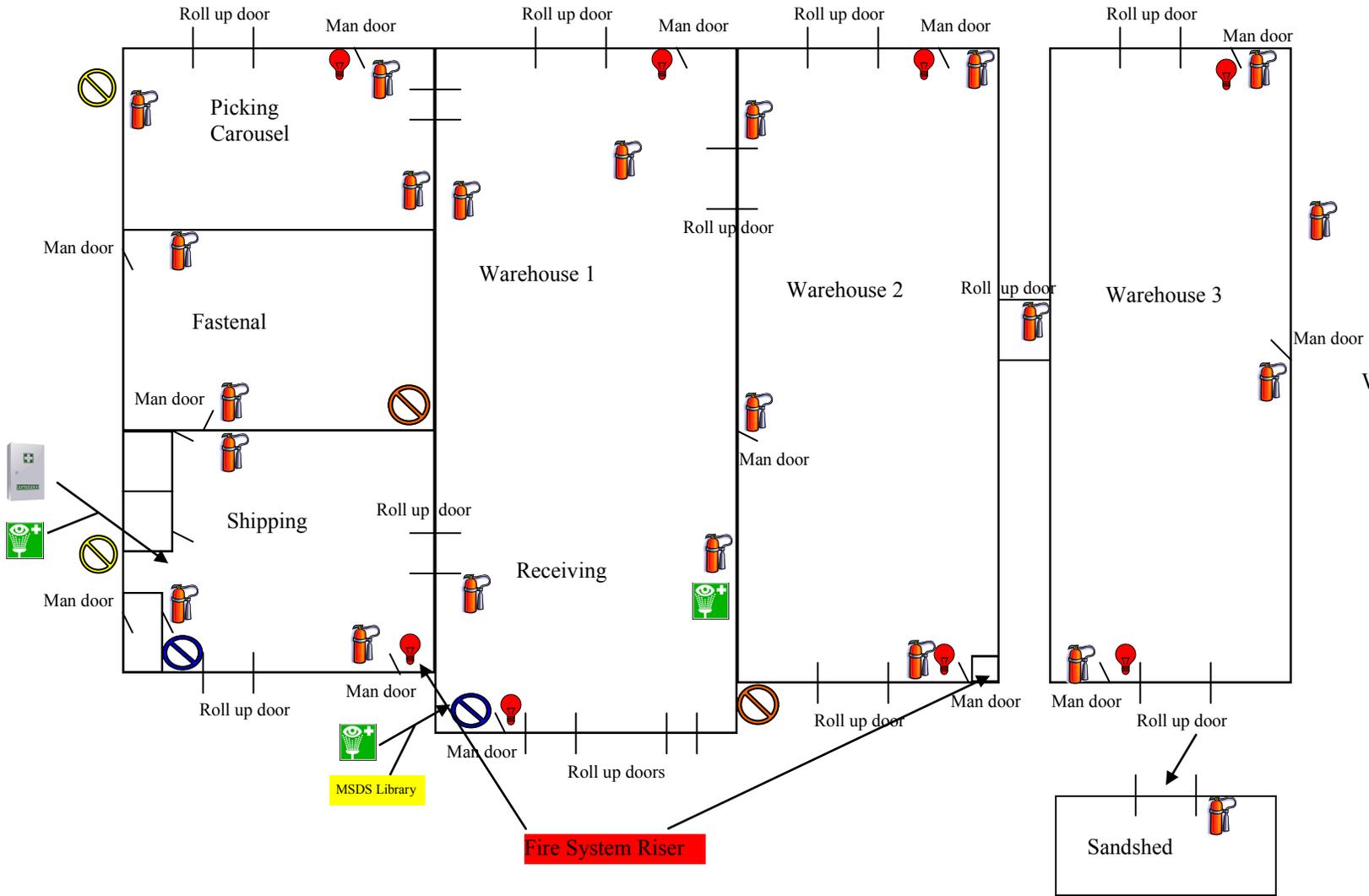
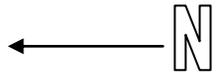
Small Paint

West Side of Small Paint

EVACUATION ASSEMBLY AREA

Warehouse

E-lights / Extinguishers



South of Admin-Building



MotivePower
Fire & Emergency Action Plan

APPENDIX D
TRAINING GUIDE

MotivePower
Fire & Emergency Action Plan

TRAINING GUIDE

- TOPIC:** Fire and Emergency Action Plan Training
- DATE REVISED:** September 2011
- TO BE CONDUCTED BY:** Supervisors, Lead people and Managers.
- CONTENT OVERVIEW:** Review of the expected emergencies and the Fire and Emergency Action Plan.
- OBJECTIVES:** After completion of this training, the employee will:
- a. Know the major emergencies that can occur in the work place.
 - b. Understand their roles and responsibilities in the event of an emergency.
 - c. Know the location of the Fire and Emergency Action Plan.
 - d. Know whom to contact for additional information on each plan.
- HANDOUTS:** Copy of their building emergency exit instructions and facility map.

TRAINING OUTLINE:

1. EXPECTED EMERGENCIES

Prepare for emergencies that may be reasonably expected. This may be a fire, gas leak or natural disasters.

2. FIRE & EMERGENCY ACTION PLAN TRAINING REQUIREMENTS

- Emergency Coordinators are the managers, supervisors and lead people, who assist and direct evacuations and are aware of their responsibilities and the Plan requirements.
- Emergency egress procedures, route assignments and designated evacuation meeting areas for each building
- Procedures to be followed by employees who remain to operate critical plant equipment before they evacuate (monitoring plant water supplies, etc.)
- A Procedure to account for all employees after the evacuation has occurred.

MotivePower
Fire & Emergency Action Plan

- Training for those employees who are to perform medical response.
- Contact the EH&S for further information or explanations of duties under this plan.
- This plan is available on the Safety & Training Intranet site for employee review.
- Hazards review includes the work place fire hazards. Proper handling and storage procedures of combustible or flammable products. Identify potential ignition sources and control procedures. Ensure the proper type of fire protection equipment or systems are in place.
- Housekeeping: The control of accumulations of flammable and combustible waste materials and residues so they cannot contribute or start a fire.
- Maintenance: All equipment and systems installed with heat producing equipment shall be regularly and properly maintained according to established procedures.

3. Training for Emergency Coordinators.

- Be familiar with the plan as it affects your employees or building occupants.
- Be aware of housekeeping, blockage of exits, fire extinguishers and electrical disconnects by materials.
- Never place yourself in harms way.
- Keep calm during emergency situations.
- Help people with special needs, such as hearing impaired.
- Give instructions to people evacuating the building.
- If possible check restrooms, offices, and conference rooms. Remember to feel the closed doors for heat buildup before opening. There could be fire behind closed doors.
- Take a roll call at the designated meeting location.
- Provide instructions to the evacuated employees.
- Please keep everyone out of the way of emergency traffic.
- You may move everyone to the Warehouse or other building not involved in the emergency during inclement weather or if the emergency is going to take longer than 20 minutes to resolve.

<p style="text-align: center;">MotivePower Fire & Emergency Action Plan</p>

Fire & Emergency Evacuation Instructions

Annual evacuation training is required to be performed by all departments. Training will be divided into stages. A training meeting will be held by each department to review the building emergency exit instructions. The emergency alarm system may or may not be activated during this training. Individual building emergency response instructions are posted in each building and can be found in the Fire and Emergency Action Plan located on the Safety & Training Intranet site. Schedule a time to activate the alarm system with all the other departments involved. All employees should be able to recognize an emergency alarm and know the evacuation procedures.

Please provide 48 hours notice to the Maintenance Department before activating an alarm system in order to schedule for a system reset and to provide prior notice to Peak Alarm Company.

Stage One

Items to cover for emergency building evacuation training.

- Lead people, supervisors and managers are the Emergency Coordinators.
- Location of alarm pulls boxes.
- Type of alarm system in the building.
- What the alarm sounds like. Describe the sound if the system is not activated during this stage.
- Location of emergency exits.
- Emergency meeting location(s).
- Handling special circumstances. An example would be if an employee could not hear the alarm and coworkers need to be assigned to notify this employee during an evacuation. Ask employees to see you after the training to discuss any special circumstances.
- Keep emergency equipment clear and accessible.
- Record the training on an attendance roster.

Stage Two

Activating the Alarm System Building Evacuation Drill

- Combine your evacuation drill with other crews, departments, and building occupants.
- Schedule with the Maintenance Department. The alarm will need to be reset.
- Ask Security to notify the alarm monitoring company and request that they place the alarm system in the test mode.
- Notify other building managers and supervisors throughout the facility that you are activating the alarm system.
- Plan around activities that may place employees in danger. An example is during the process of rolling a locomotive frame in the Locomotive Shop.

MotivePower
Fire & Emergency Action Plan

- Activate the alarm.
- Direct employees to leave the building.
- Employees should meet at the designated meeting location(s).
- Take roll call. At this time ask employees to sign the safety meeting attendance roster.
- Ask Maintenance Department to re-set the alarm system.
- Ask Security to notify the alarm monitoring company and request that they place the alarm system back in service.
- Record the training on an attendance roster.

The Maintenance and EH&S Departments will provide assistance. All shifts need to be trained.

**MotivePower
Fire & Emergency Action Plan**

APPENDIX E

FIRE EXTINGUISHER CLASSIFICATIONS

**MotivePower
Fire & Emergency Action Plan**

CLASS OF FIRE	A	B	C	D
FIRE TYPE	wood, trash, paper, rubbish	flammable liquids, gas, oil, paints, grease	electrical equipment	combustible metals
MEDIA	water foam or	foam, carbon dioxide, dry chemical	carbon dioxide, dry chemical	special extinguishing agents

EXTINGUISHING MEDIA AND ALLOWABLE USES

DRY CHEMICAL	MULTI-PURPOSE DRY CHEMICAL	FOAM	CARBON DIOXIDE	HALON 1211	WATER
B,C	A,B,C B,C	B	B,C	A,B,C	A

MotivePower
Fire & Emergency Action Plan

APPENDIX F

Emergency Notification Instructions

MAIN COMPLEX NOTICE IN CASE OF AN EMERGENCY

(1) DIAL 911.

- **Identify yourself.**
- **Identify the facility, address (4600 Apple St.) and building location.**
- **Identify the nature of the emergency.**
- **The Emergency Dispatch Operator may ask for further information.**

(2) Contact Security at 947 4907 or by radio.

- **Identify the nature of the emergency.**
- **Identify the location of the emergency.**

(3) Notify your Lead Person, Supervisor or Manager.

(4) Send available personnel to the Main Gate Security Station to direct emergency traffic.

Day Shift Only

(5) Notify the Administration Receptionist at 947 4800

The Administration Receptionist will notify the following offices:

- **The Director of Manufacturing at 947-2940**
- **EH&S Manager at 947-4821**

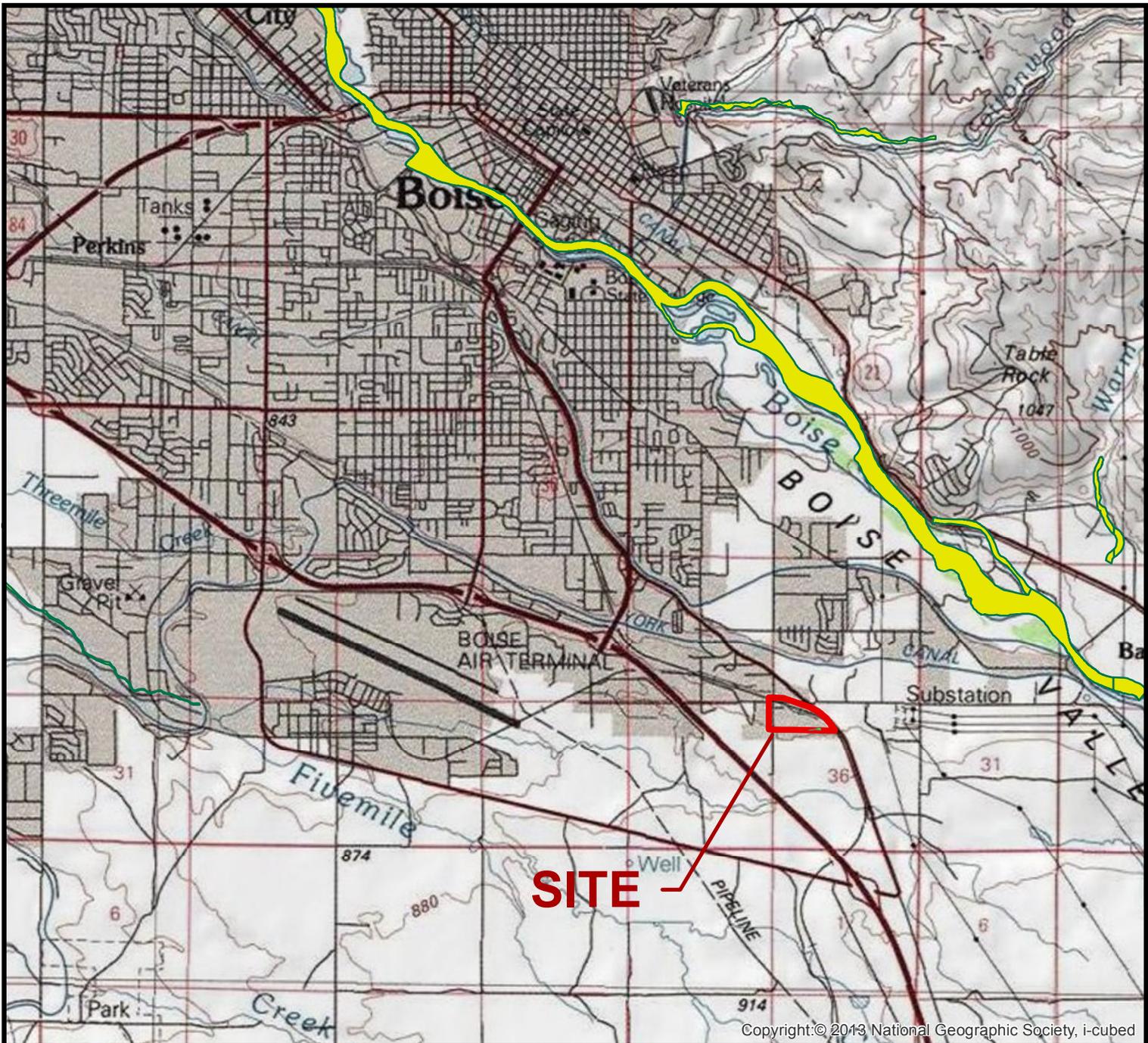
ANNEX
NOTIFICATION INSTRUCTIONS IN CASE OF
A MEDICAL EMERGENCY

- (1) DIAL - LINE - 911**
 - Identify yourself.
 - Identify the facility address as 2100 Braniff St.
 - Identify the nature of the emergency.
 - The Emergency Dispatch Operator may ask for more information.

- (2) Notify a Lead Person, Supervisor, or Manager.**

- (3) Send available personnel to the main gate to help direct emergency traffic to your location.**

- (4) Once the immediate emergency is under control notify.**
 - Director of Manufacturing at 947 2940.
 - EH&S Manager at 947 4821.

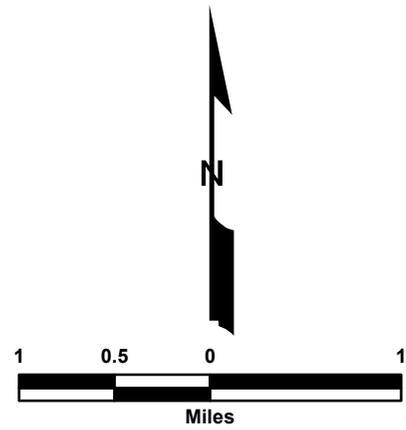


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LEGEND

-  APPROXIMATE SUBJECT PROPERTY BOUNDARY
-  100-YEAR FLOODWAY⁽¹⁾

REFERENCE:
⁽¹⁾FLOODWAY: "FLOOD HAZARD ZONE POLYGONS", FEDERAL EMERGENCY MANAGEMENT AGENCY, WASHINGTON, DC, FEBRUARY 19, 2003. VECTOR DIGITAL DATA DOWNLOADED FROM THE INTERNET SEPTEMBER 16, 2011, AT [HTTP://WWW.IDWR.IDAHO.GOV/GEOGRAPHICINFO/GISDATA/FLOOD_PLAIN.HTM](http://www.idwr.idaho.gov/geographicinfo/gisdata/flood_plain.htm)

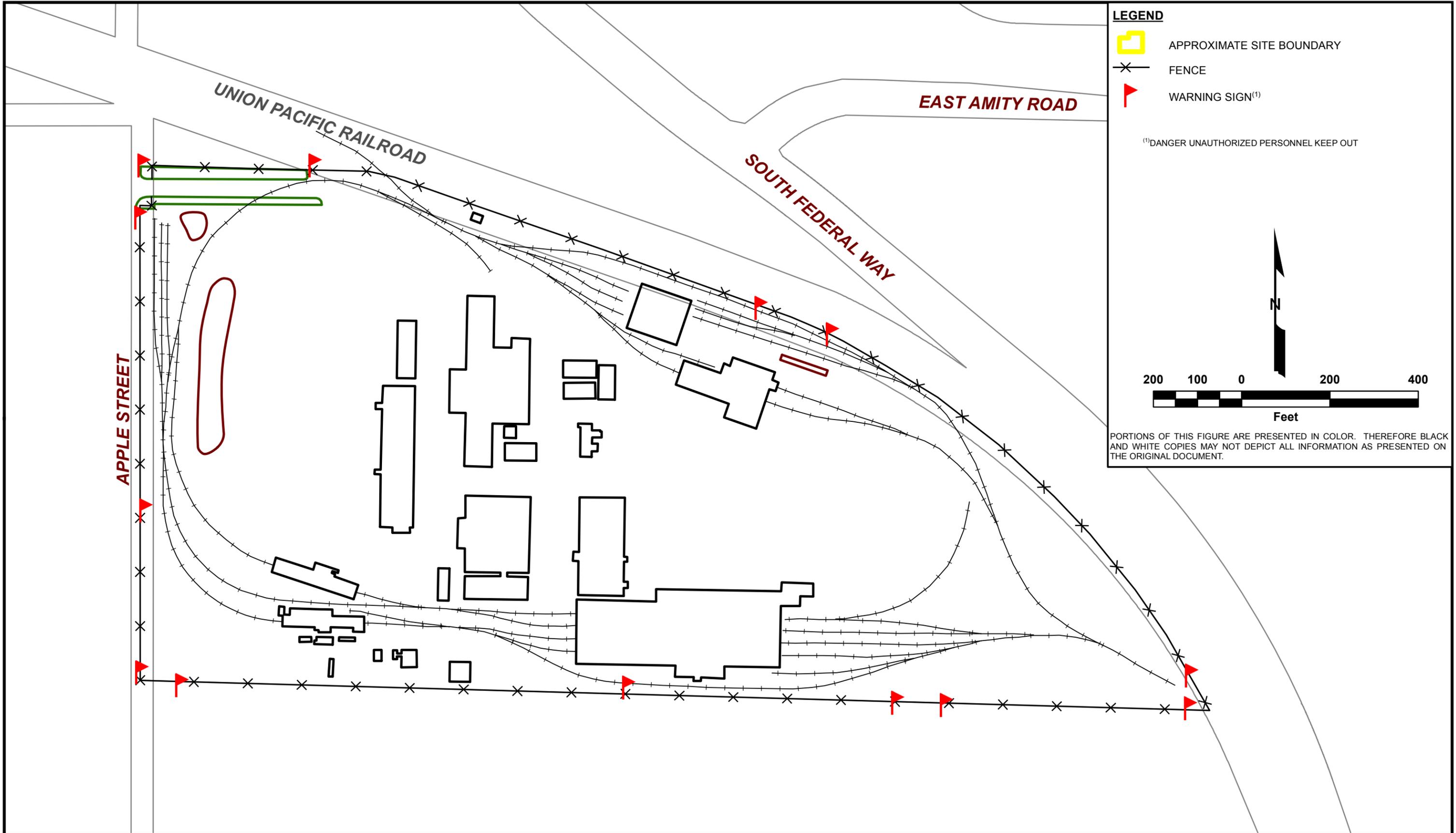


WABTEC - MOTIVEPOWER
 BOISE, IDAHO
 EPA ID. EDD980976831

FIGURE B-6
 100-YEAR FLOODPLAIN MAP



				CURRENT DATE		01/20/2015	
0 BAS 01/20/15 SETUP IN ARCMAP				ARCMAP MXD		FIGURE B-6 (100-YEAR FLOOD MAP)	
NO	DRN	DATE	REVISION	CHK	DATE	APP	DATE
				AGI PROJ NO		0008-018	



LEGEND

-  APPROXIMATE SITE BOUNDARY
-  FENCE
-  WARNING SIGN⁽¹⁾

⁽¹⁾DANGER UNAUTHORIZED PERSONNEL KEEP OUT

N

200 100 0 200 400

Feet

PORTIONS OF THIS FIGURE ARE PRESENTED IN COLOR. THEREFORE BLACK AND WHITE COPIES MAY NOT DEPICT ALL INFORMATION AS PRESENTED ON THE ORIGINAL DOCUMENT.

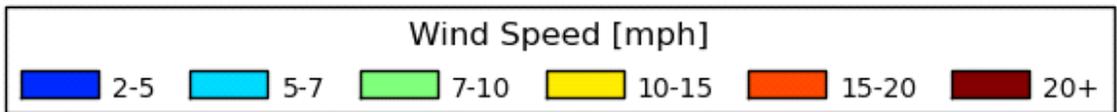
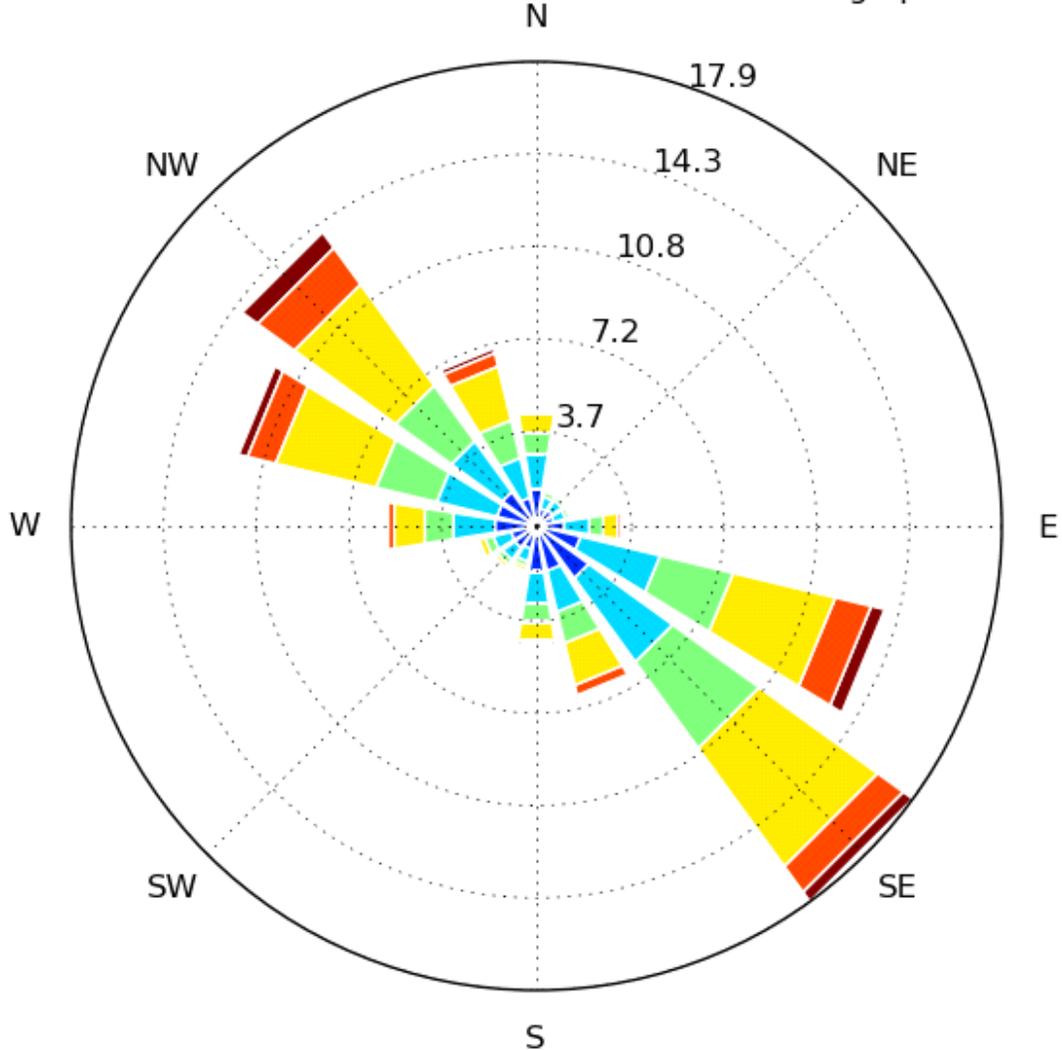
				WABTEC - MOTIVEPOWER BOISE, IDAHO EPA ID. EDD980976831						FIGURE B-5 WARNING SIGN LOCATIONS					
0	BAS	04/01/15	CREATED FIGURE IN ARCMAP	WTN	04/01/15	WTN	04/01/15	CURRENT DATE	04/01/15	ARCMAP MXD	FIGURE B-5 (WARNING SIGN LOCATIONS)	AGI PROJ NO.	00008-018	REVISION	0
NO	DRN	DATE	REVISION	CHKD	DATE	APP	DATE	CURRENT DATE	04/01/15	ARCMAP MXD	FIGURE B-5 (WARNING SIGN LOCATIONS)	AGI PROJ NO.	00008-018	REVISION	0



BOISE MUNICIPAL [BOI] Windrose Plot
 [All Year]

Period of Record: 01 Jan 1948 - 08 Sep 2011

Number of Obs: 541967 Calm: 10.0% Avg Speed: 8.2 mp



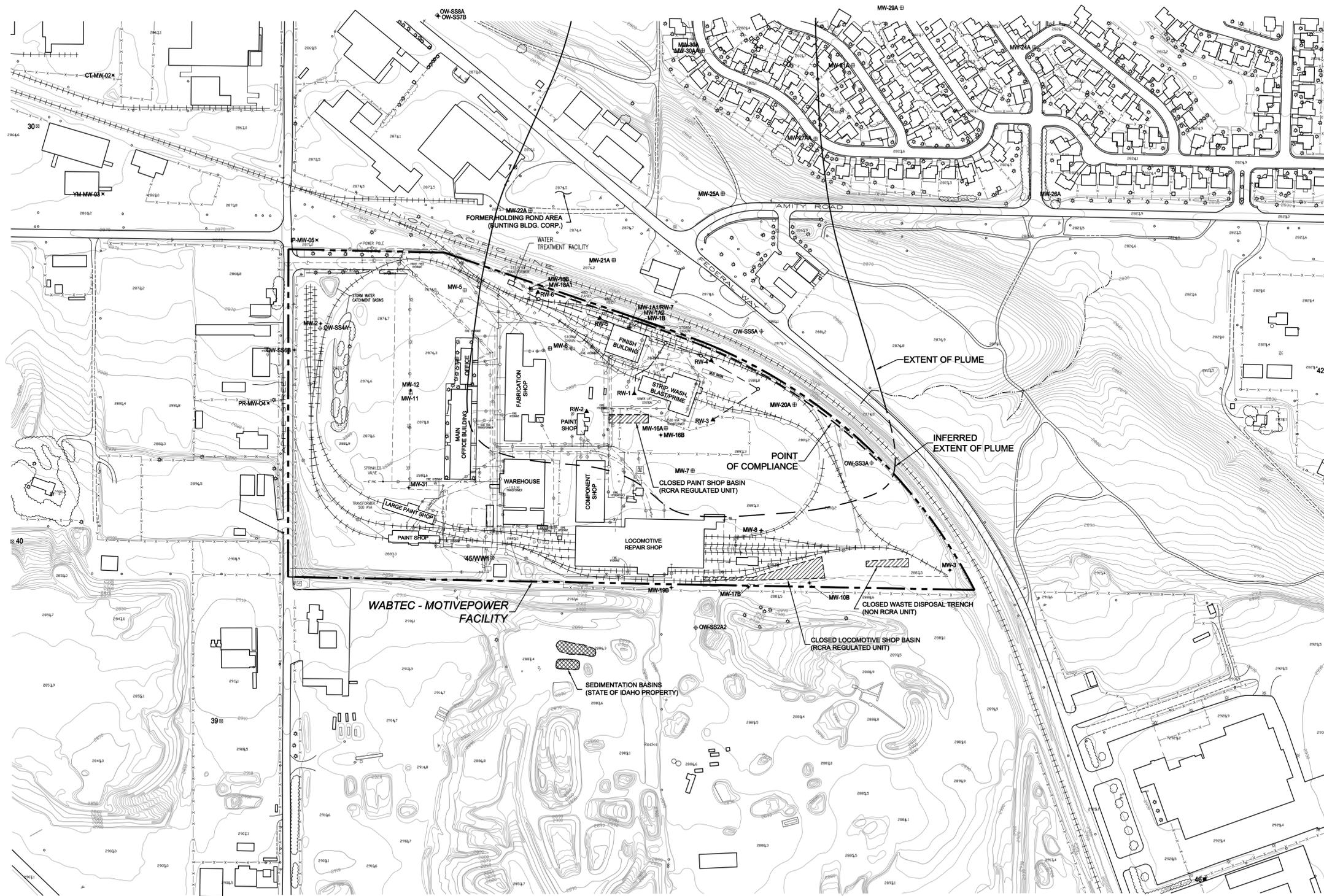
REFERENCE:
 IOWA ENVIRONMENTAL MESONET, IOWA STATE UNIVERSITY DEPARTMENT OF AGRONOMY. DOWNLOADED FROM THE INTERNET AT
[HTTP://MESONET.AGRON.IASTATE.EDU/SITES/WINDROSE.PHTML?](http://mesonet.agron.iastate.edu/sites/windrose.phtml?)

WABTEC - MOTIVEPOWER
 BOISE, IDAHO
 EPA ID. EDD980976831

FIGURE B4
 BOISE WINDROSE



NO	DRN	DATE	REVISION	CHK	DATE	APP	DATE	CURRENT DATE	09/16/2011
0	BAS	09/07/11	SETUP IN ARCMAP					ARCMAP MXD	FIGURE B4 (BOISE WINDROSE)
								AGI PROJ NO	0008-018



UTILITY LEGEND:

- ⊕ WASTE WATER
- ⊕ COMPRESSED AIR/OXYGEN/CO
- ⊕ STORM SEWER
- ⊕ SANITARY SEWER
- ⊕ WATER
- ⊕ GAS
- ⊕ ELECTRICAL
- ⊕ TELEPHONE

NOTE:
UTILITY LOCATIONS ARE APPROXIMATE.
INFORMATION WAS OBTAINED FROM BOISE LOCOMOTIVE,
GENERAL SITE PLAN DWG. 52-00-001 AND PE-1204.

LEGEND:

- ⊕ MW-11 A-ZONE MONITORING WELL
- + MW-12 B-ZONE MONITORING WELL
- ▲ RW-4 A-ZONE RECOVERY WELL
- ⊕ OW-SSA A-ZONE OBSERVATION WELL
- + OW-SS-6B B-ZONE OBSERVATION WELL
- * PR-MW-04 U. S. EPA WELL
- ⊕ 38 VICINITY RECEPTOR/SUPPLY WELLS
- ⊕ 46 OUT-OF-SERVICE AND ABANDONED VICINITY RECEPTOR/SUPPLY WELLS
- PROPERTY BOUNDARY
- - - EDGE OF PAVEMENT
- - - EXISTING FENCING
- - - A-ZONE RECOVERY SYSTEM CONVEYANCE PIPING
- ▨ RCRA/NON RCRA UNIT BOUNDARY

NOTES:

- MAP TAKEN FROM AERIAL PHOTO DATED JULY 23, 2001.
- SURROUNDING LAND USES ARE DEPICTED ON FIGURE B-1 (LAND ZONING MAP)
- THE BOISE WINDROSE IS SHOWN ON FIGURE B-4 (BOISE WINDROSE).
- EXTENT OF THE PLUME IS BASED UPON AVERAGE CONSTITUENT CONCENTRATIONS DETECTED IN A-ZONE MONITORING WELL SAMPLES COLLECTED BETWEEN SEPTEMBER 1999 AND JUNE 2000 THAT EXCEEDED IDAPA 58.01.11.200 (MCL's).
- 100 YEAR FLOOD PLAIN IS NOT WITHIN THE LIMITS OF THIS MAP AND IS DEPICTED ON FIGURE B-5 (100 YEAR FLOODWAY FRINGE).
- CONTOUR INTERVAL = 2.0'



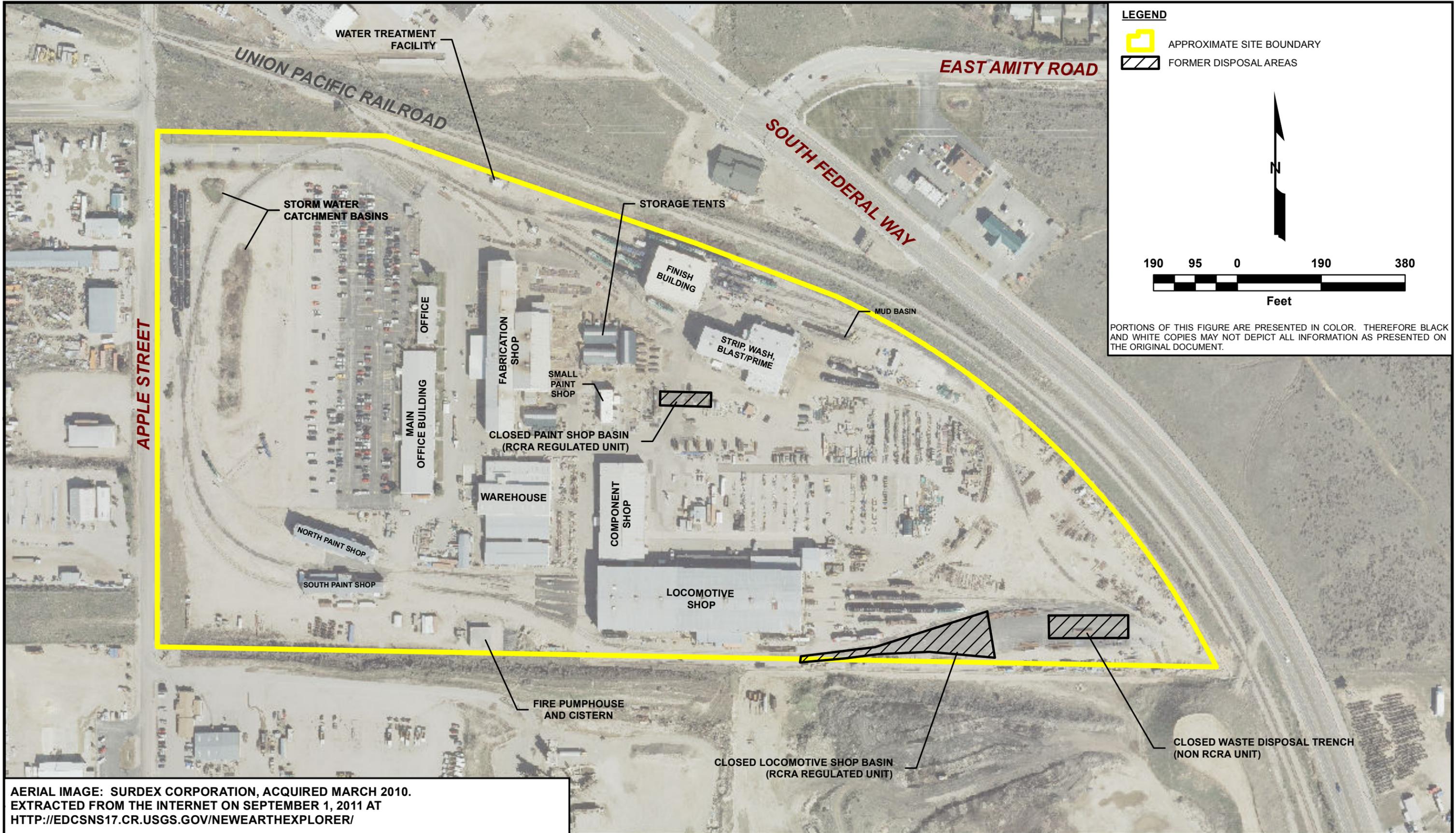
5							
4							
3							
2							
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0	ECM	9/5/01	INITIAL ISSUE				
NO.	DRWN.	DATE	REVISION	CHKD.	DATE	APPVD.	DATE

**WABTEC - MOTIVEPOWER
BOISE, IDAHO
EPA ID. IDD980976831**

**FIGURE B-3
TOPOGRAPHIC MAP**

REVISION **0**

CURRENT DATE 9-05-2001 CADD FILE 8311 DRAWING NO. 00008K



LEGEND

APPROXIMATE SITE BOUNDARY

FORMER DISPOSAL AREAS

190 95 0 190 380

Feet

PORTIONS OF THIS FIGURE ARE PRESENTED IN COLOR. THEREFORE BLACK AND WHITE COPIES MAY NOT DEPICT ALL INFORMATION AS PRESENTED ON THE ORIGINAL DOCUMENT.

AERIAL IMAGE: SURDEX CORPORATION, ACQUIRED MARCH 2010.
 EXTRACTED FROM THE INTERNET ON SEPTEMBER 1, 2011 AT
[HTTP://EDCSNS17.CR.USGS.GOV/NEWEARTHEXPLORER/](http://EDCSNS17.CR.USGS.GOV/NEWEARTHEXPLORER/)

NO	DRN	DATE	REVISION	CHKD	DATE	APP	DATE
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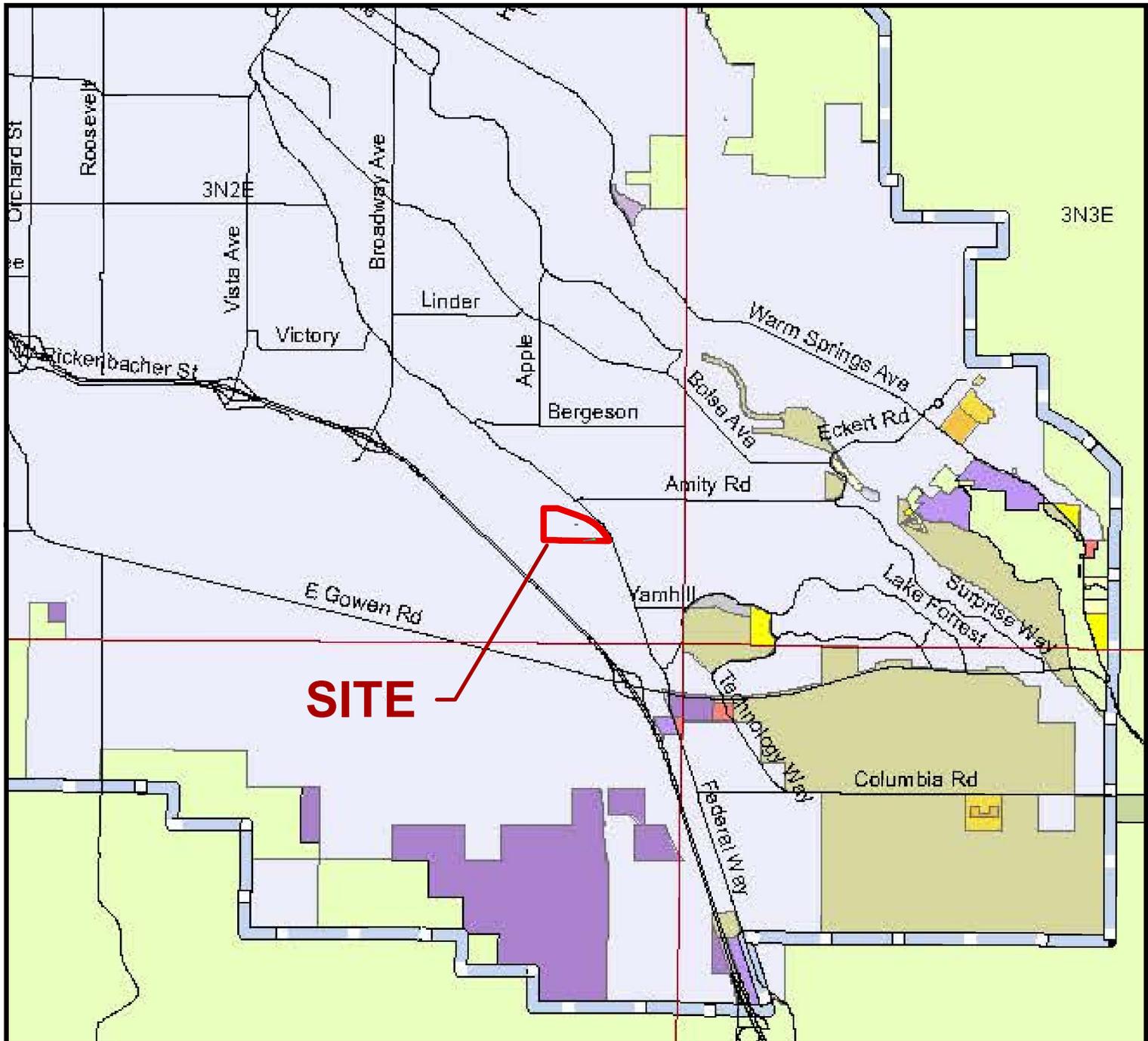
WABTEC - MOTIVEPOWER
 BOISE, IDAHO
 EPA ID. EDD980976831

CURRENT DATE 08/15/2011 ARCMAP MXD FIGURE B2 (GENERAL FACILITY MAP)



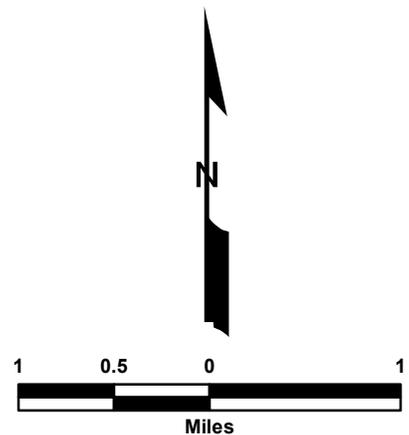
FIGURE B2
 GENERAL FACILITY MAP

AGI PROJ NO. 0008-015 REVISION 0



- | | |
|--|---|
| IMPACT AREA | R4 - MEDIUM LOW RESIDENTIAL |
| INCORPORATED AREAS | R6 - MEDIUM DENSITY RESIDENTIAL |
| C1 - NEIGHBORHOOD COMMERCIAL | R8 - MEDIUM HIGH DENSITY RESIDENTIAL |
| C2 - COMMUNITY COMMERCIAL | R8M - MEDIUM HIGH DENSITY RESIDENTIAL - MANUFACTURED HOME |
| LO - LIMITED OFFICE | R12 - HIGH DENSITY RESIDENTIAL |
| M1 - LIMITED INDUSTRIAL | R20 - VERY HIGH DENSITY RESIDENTIAL |
| M2 - GENERAL INDUSTRIAL | RP - RURAL PRESERVATION ZONE |
| M3 - AIRPORT INDUSTRIAL | RR - RURAL RESIDENTIAL ZONE |
| R1 - ESTATE RESIDENTIAL | RSW - SOUTHWEST COMMUNITY RESIDENTIAL ZONE |
| R1M - ESTATE RESIDENTIAL - MANUFACTURED HOME | RUT - RURAL-URBAN TRANSITION ZONE |
| R2 - LOW DENSITY RESIDENTIAL | TI - TECHNOLOGICAL INDUSTRIAL |

REFERENCE:
BASE MAP BY ADA COUNTY DEVELOPMENT SERVICES, BOISE, IDAHO, DATED JULY 21, 2011

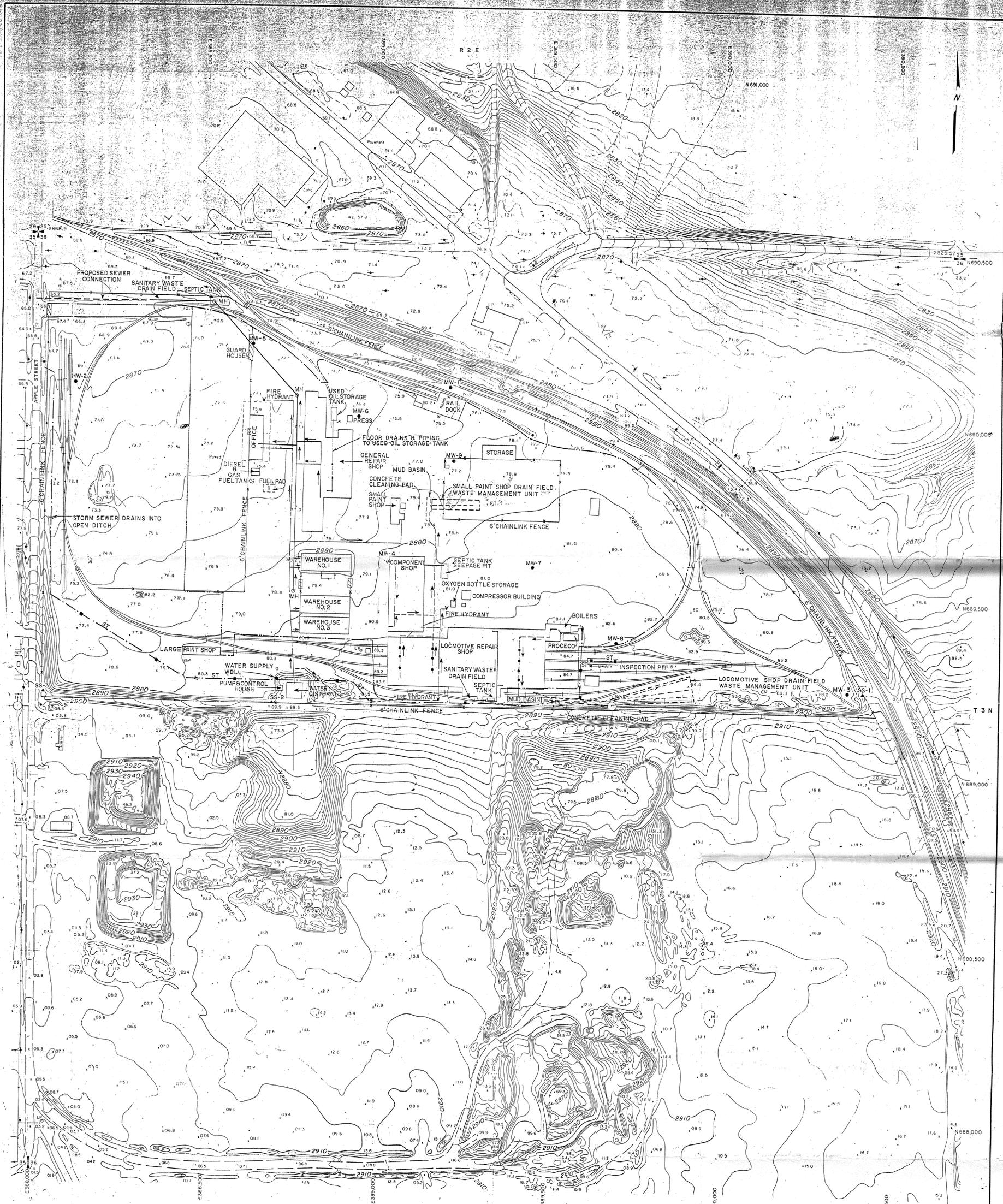


WABTEC - MOTIVEPOWER
BOISE, IDAHO
EPA ID. EDD980976831

FIGURE B1
LAND ZONING MAP



0	BAS	09/07/11	SETUP IN ARCMAP					CURRENT DATE	09/16/2011
								ARCMAP MXD	FIGURE B1 (LAND ZONING MAP)
								AGI PROJ NO	0008-018

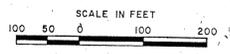


Vertical datum on this map is from N.G.S. datum.
 The Plane Coordinates shown on this Map are based on the Idaho State Coordinate System, West Zone, originating from current N.G.S. control in vicinity. All coordinates shown are at Sea Level.
 To convert measured Ground Distances to Sea Level Distances multiply by the combined factor 0.99981. To convert Sea Level Grid Distances to measured Ground Distances multiply by combined factor 1.00019. Factor varies with location.
 In this area of the West Zone the True Azimuth is East of the Grid Azimuth as shown on the diagram. The Grid Azimuth may be converted to True Azimuth by use of the Delta Alpha ($\Delta\alpha$) Angle shown for Center of each Map Sheet.

CONTOUR INTERVAL = 2'
 PHOTOGRAPHY DATE 3-23-84

TOPOGRAPHY BY AERIAL MAPPING COMPANY, BOISE, IDAHO
 FIELD CONTROL BY McCARTER AND TULLER, INC., CONSULTING ENGINEERS, BOISE, IDAHO

- LEGEND**
- +— SECTION CORNER
 - +— 1/4 CORNER
 - +— CORNER NOT SET
 - MEANDER CORNER
 - ▨ CONTROLLED ACCESS CORRIDOR
 - EXTENT OF PAVEMENT
 - SANITARY SEWER LINE
 - PROCESS SEWER LINE
 - ST. — STORM SEWER DROP STRUCTURE
 - DOMESTIC WATER / FIRE PROTECTION SYSTEM
 - FIRE HYDRANT

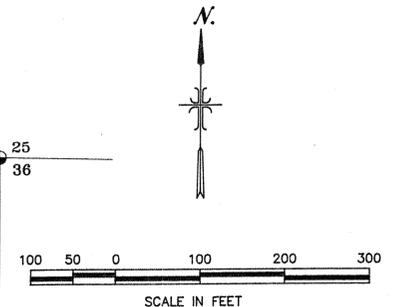
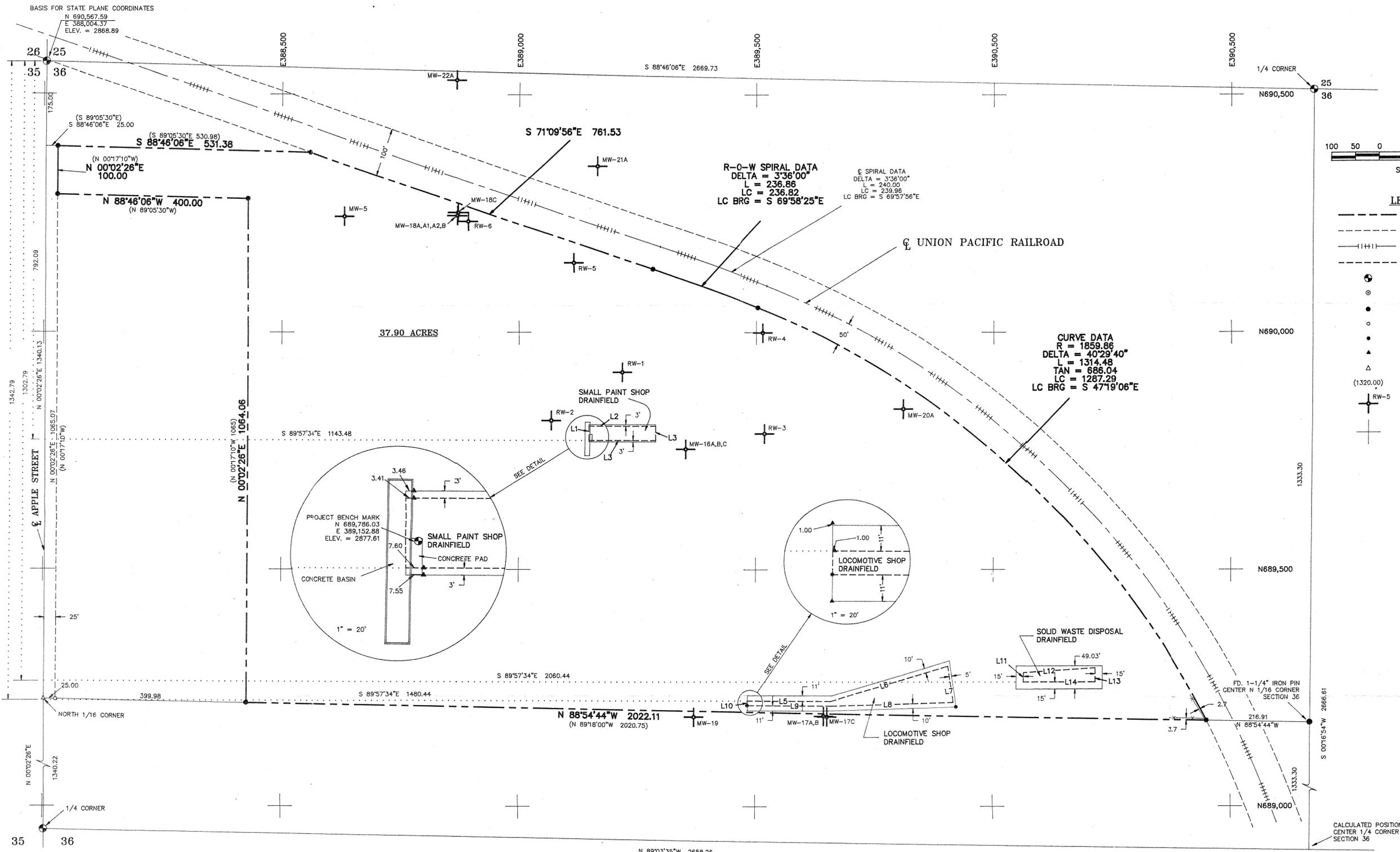


**BOISE INDUSTRIAL COMPLEX
 BOISE, IDAHO**

**SITE UTILITIES AND
 SUPPORT STRUCTURES**

DRAWN BY:	DATE:	SCALE: AS SHOWN	SHEET NO.:
DESIGN BY:	DATE: APRIL, 1988		5
APP'D. BY:	DATE:		

MORRISON-KNUDSEN ENGINEERS, INC.
 A MORRISON-KNUDSEN COMPANY



- LEGEND**
- BOUNDARY LINE
 - - - - EASEMENT BOUNDARY
 - |+|+|+ CENTER LINE RAILROAD
 - - - - DRAINFIELD BOUNDARY
 - FOUND BRASS CAP
 - FOUND 5/8" IRON PIN
 - SET 5/8" X 30" IRON PIN w/CAP
 - FOUND 1/2" IRON PIN
 - SET 1/2" X 24" IRON PIN w/CAP
 - ▲ SET PK NAIL
 - △ FOUND PK NAIL
 - (1320.00) DATA OF RECORD
 - ⊕ RW-5 WELL LOCATION AND IDENTIFICATION
 - ⊕ STATE PLANE GRID POINT

SITE SURVEY
M.K. LOCOMOTIVE CENTER 1" = 100'

LINE TABLE

LINE	BEARING	DIST.
L1	N 00° 02' 26" E	30.00'
L2	S 89° 57' 34" E	140.00'
L3	S 00° 02' 26" W	30.00'
L4	N 89° 57' 34" W	140.00'
L5	S 89° 34' 17" E	175.55'
L6	N 73° 14' 06" E	256.62'
L7	S 08° 34' 49" E	77.13'
L8	S 88° 16' 02" W	256.55'
L9	N 89° 43' 17" W	176.39'
L10	N 00° 16' 43" E	10.00'
L11	N 00° 02' 26" E	20.00'
L12	N 88° 13' 35" E	150.33'
L13	S 00° 02' 26" W	30.00'
L14	N 89° 57' 34" W	150.00'

WELL LOCATIONS AND ELEVATIONS

WELL ID#	NORTHING	EASTING	8" CASING	4" PVC	2" PVC	3/4" PVC
RW-1	689,916.43	389,217.72	2877.45	2876.80		2877.70
RW-2	689,815.71	389,068.37	2880.29	2880.42		
RW-3	689,788.50	389,518.08	2880.98	2880.31		2881.25
RW-4	689,999.05	389,513.95	2878.77	2878.11		2879.04
RW-5	690,148.07	389,115.21	2876.81	2876.94		
RW-6	690,236.72	388,893.29	2875.81	2875.14		2876.08
MW-5	690,246.96	388,633.65	2872.77	2872.41		
MW-16A	689,755.88	389,350.97	2879.86		2879.86	
B						2879.89
C						2879.90
MW-17A	689,190.63	389,644.56	2884.30		2884.26	
B						2884.24
MW-17C	689,189.43	389,651.75	2885.29	2884.50		
MW-18A1	690,248.80	388,870.66	2874.80		2874.87	
A2						2874.76
B						2874.79
MW-18C	690,255.44	388,871.75	2874.16	2874.27		
MW-19	689,188.98	389,370.45	2885.60	2885.16		
MW-20A	689,839.74	389,809.29	2878.38	2878.54		
MW-21A	690,353.59	389,164.57	2874.61	2874.76		
MW-22A	690,330.32	388,868.23	2871.55		2871.27	

- NOTES**
- BASIS OF BEARING AND LOCATION OF DRAINFIELDS BASED ON RECORD OF SURVEY 1293.
 - COORDINATES ARE STATE PLANE AT SITE ELEVATION BASED ON THE NORTHWEST CORNER OF SECTION 36. THE GRID FACTOR TO CONVERT TO SEA LEVEL DATUM (HOLDING THE COORDINATE FOR THE NORTHWEST CORNER OF SECTION 36) IS 0.9998100.
 - SET PK NAILS WITH SEALANT AT ALL DRAINFIELD AND OFFSET ANGLE POINTS EXCEPT AS NOTED.
 - PROPERTY BOUNDARY SHOWN IS AS DESCRIBED IN THE QUITCLAIM DEED RECORDED UNDER INSTRUMENT No. 8724485.

CERTIFICATE OF SURVEYOR
 I, PATRICK A. TEALEY, PLS NO. 4347, STATE OF IDAHO, DO HEREBY CERTIFY THAT THE SURVEY REPRESENTED ON THIS PLAT WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS IN ACCORDANCE WITH THE LAWS OF IDAHO RELATING TO SURVEYS.



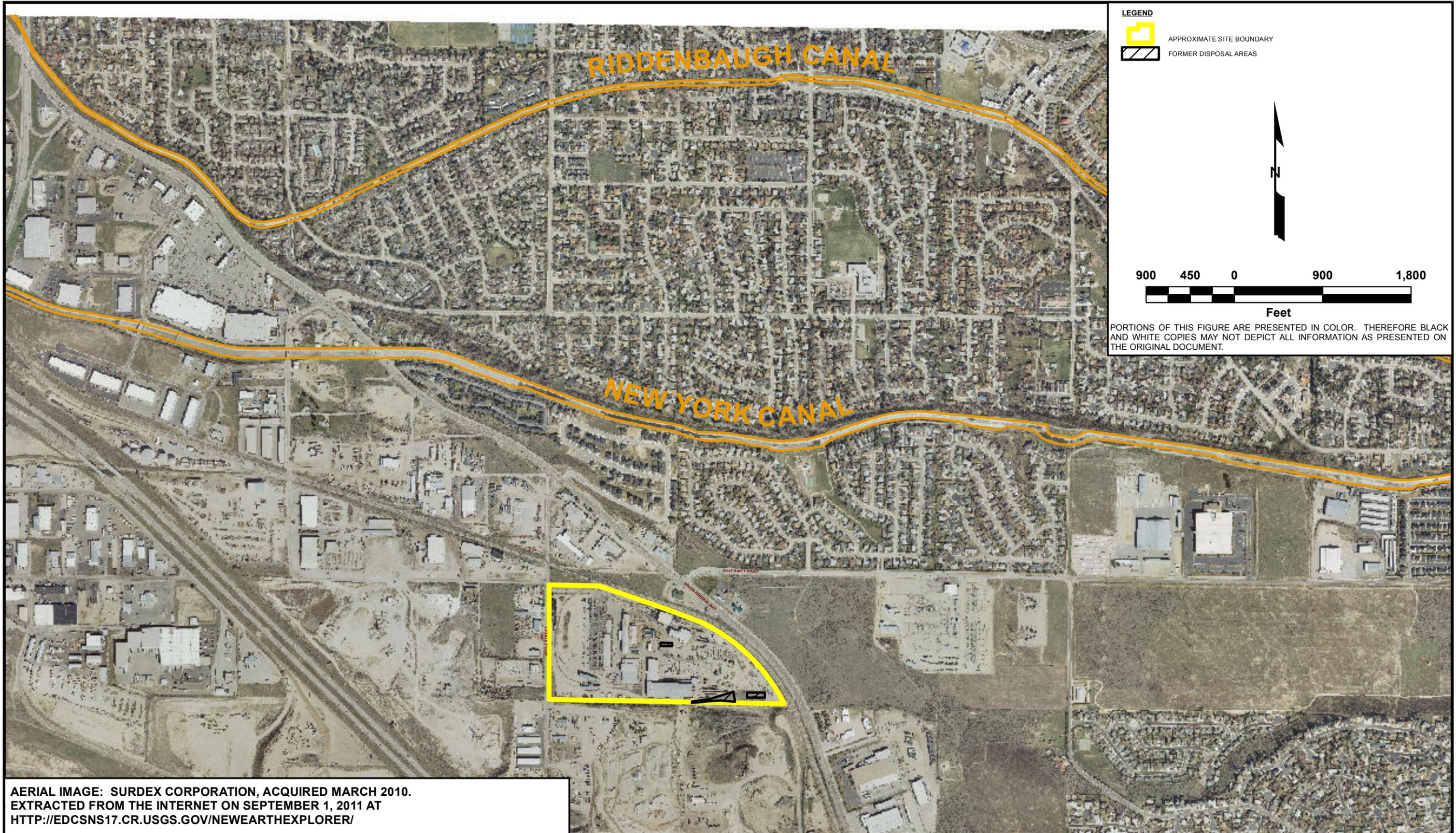
TEALEY'S LAND SURVEYING
 479 MAIN ST. • BOISE, IDAHO 83720
 208-386-0636

SITE SURVEY FOR
M.K. LOCOMOTIVE CENTER

SITUATED IN THE NW 1/4 SECTION 36, T. 25 N., R. 25 E., B.M., BOISE, ADA COUNTY, IDAHO

DATE: JANUARY, 1991
 DRAWING NO.: 740
 CHECK: dmm
 SCALE: 1" = 100'
 REVISED: 1/28/91

DWG\740-SITE



AERIAL IMAGE: SURDEX CORPORATION, ACQUIRED MARCH 2010.
 EXTRACTED FROM THE INTERNET ON SEPTEMBER 1, 2011 AT
[HTTP://EDCSNS17.CR.USGS.GOV/NEWEARTHEXPLORER/](http://EDCSNS17.CR.USGS.GOV/NEWEARTHEXPLORER/)

NO	DRN	DATE	REVISION	CHKD	DATE	APP	DATE
0	BAS	09/09/11	CREATED FIGURE IN ARCMAP	WTN	09/12/11	WTN	09/12/11

WABTEC - MOTIVEPOWER
 BOISE, IDAHO
 EPA ID. EDD980976831

CURRENT DATE 08/15/2011 ARCMAP MXD APPENDIX B-3 (2010 AERIAL IMAGE)



APPENDIX B-3
 2010 AERIAL PHOTOGRAPH

AGI PROJ NO. 0008-015 REVISION 0

LEGAL DESCRIPTION
BOISE INDUSTRIAL COMPLEX
AND EASEMENT

A portion of the North 1/2 of the Northwest 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho, excepting there from the North 175 feet of said Section and that portion of said Section lying Northerly and Easterly of the Right-of-Way for the Oregon Short Line Railroad (also known as the Union Pacific Railroad) and more particularly described as follows:

Commencing at the Northwest Corner of Section 36, Township 3 North, Range 2 East, Boise Meridian; thence South 00° 02' 26" West along the section line, a distance of 175.00 feet; thence South 88° 46' 06" East, a distance of 25.00 feet to the East Right-of-Way of Apple Street, said point being the POINT OF BEGINNING;

thence South 88° 46' 06" East, a distance of 696.33 feet more or less to the apparent centerline of the railroad, said railroad having a right-of-way of 50 feet each side of the centerline;

thence continuing along the apparent centerline of the railroad generally on a curve to the right and defined by a series of chords as follows:

South 71° 12' 28" East, a distance of 602.34 feet;

South 70° 00' 28" East, a distance of 240.00 feet;

South 63° 47' 38" East, a distance of 229.22 feet;

South 56° 07' 49" East, a distance of 312.57 feet;

South 46° 41' 03" East, a distance of 310.16 feet;

South 37° 17' 06" East, a distance of 313.08 feet;

South 29° 42' 34" East, a distance of 211.55 feet to a point on the south line of the North 1/2 of the Northwest 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian;

thence North 88° 54' 44" West along the south line of the North 1/2 of the Northwest 1/4 of Section 36, a distance of 2,478.57 feet to a point on the easterly Right-of-Way of Apple Street;

thence North 00° 02' 26" East along said Right-of-Way for Apple Street, a distance of 1,165.04 feet to the POINT OF BEGINNING.

Also, attached to the southerly boundary is an easement granted by the State of Idaho, Easement No. 5346, filed as Instrument No. 8758591, Ada County, Idaho and whose description is as follows;

A parcel of land for roadway easement purposes located in the South 1/2 of the Northwest 1/4 of Section 36, Township 3 North, Range 2 East of the Boise Meridian, Ada County, Idaho, being more particularly described as follows:

Commencing at the Brass Cap Monument representing the position of the corner common to Sections 25, 26, 35 and 36, T3N, R2E, B.M.; thence South 00° 02' 25" West along the line common to Sections 35 and 36, a distance of 1,340.13 feet to the North 1/16 Corner common to said Sections 35 and 36; thence South 88° 58' 05" East along the east-west centerline of the NW 1/4 of Section 36, a distance of 25.00 feet to a found rebar monument; thence continuing South 88° 58' 05" East

along said line, a distance of 959.38 feet to the REAL POINT OF BEGINNING;

thence continuing South $88^{\circ} 58' 05''$ East along said line, a distance of 700.00 feet;

thence South $01^{\circ} 01' 55''$ West, a distance of 20.00 feet;

thence North $88^{\circ} 58' 05''$ West, along a line being 20.00 feet southerly of and parallel with said centerline, a distance of 700.00 feet;

thence North $01^{\circ} 01' 55''$ East, a distance of 20.00 feet to the REAL POINT OF BEGINNING.

Prepared by: Loveless Engineering
3330 Grace Street
Boise, ID 83703
February 29, 1988

Legal Description

Small Paint Shop Drain Field
Waste Management Unit

A parcel of land in the N 1/2 of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho, being more particularly described as follows:

Commencing at the Northwest corner of said Section 36; thence South 00°02'26" West along the West line of the NW 1/4 of said Section 36, a distance of 792.09 feet; thence leaving said West line South 89°57'34" East a distance of 1143.48 feet to the TRUE POINT OF BEGINNING of the following described parcel;

THENCE North 00°02'26" East a distance of 30.00 feet;
THENCE South 89°57'34" East a distance of 140.00 feet;
THENCE South 00°02'26" West a distance of 30.00 feet;
THENCE North 89°57'34" West a distance of 140.00 feet to the TRUE POINT OF BEGINNING.

The above described parcel contains 0.096 acres of land more or less.

The Basis of Bearings is the West line of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian as it bears South 00°02'26" West.

Legal Description

Waste Disposal Trench Location
Waste Management Unit

A parcel of land in the N 1/2 of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho, being more particularly described as follows:

Commencing at the Northwest corner of said Section 36; thence South 00°02'26" West along the West line of the NW 1/4 of said Section 36, a distance of 1302.79 feet; thence leaving said West line South 89°57'34" East a distance of 2060.44 feet to the TRUE POINT OF BEGINNING of the following described parcel;

THENCE North 00° 02' 26" East a distance of 20.00 feet;
THENCE North 86°13'35" East a distance of 150.33 feet;
THENCE South 00°02'26" West a distance of 30.00 feet;
THENCE North 89°57'34" West a distance of 150.00 feet to the TRUE POINT OF BEGINNING.

The above described parcel contains 0.086 acres of land more or less.

The Basis of Bearings is the West line of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian as it bears South 00°02'26" West.

Legal Description

Locomotive Shop Drain Field
Waste Management Unit

A parcel of land in the N 1/2 of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho, being more particularly described as follows:

Commencing at the Northwest corner of said Section 36; thence South 00°02'26" West along the West line of the NW 1/4 of said Section 36, a distance of 1342.78 feet; thence leaving said West line, South 89°57'34" East a distance of 1480.44 feet to the TRUE POINT OF BEGINNING of the following described parcel;

THENCE South 89°43'17" East a distance of 175.55 feet;
THENCE North 73°14'06" East a distance of 256.62 feet;
THENCE South 08°34'49" East a distance of 77.13 feet;
THENCE South 88°16'02" West a distance of 256.55 feet;
THENCE North 89°43'17" West a distance of 176.39 feet;
THENCE North 00°16'43" East a distance of 10.00 feet to the TRUE POINT OF BEGINNING.

The above described parcel contains 0.295 acres of land more or less.

The Basis of Bearings is the West line of the NW 1/4 of Section 36, Township 3 North, Range 2 East, Boise Meridian as it bears South 00°02'26" West.

8839523

Record of Survey
No. 1293

Merriman Hudson Co Srs
Lease Industrial Survey

Book G of Surveys
on Pages 1311-1312

Keith A. Lovelace
Surveyor

At the request of
Keith A. Lovelace

INST UCCG

AUG 11 2 22 PM '88

JOHN EASTIDA
RECORDER ADA COUNTY
Deputy DEPUT:

10.60