

21 West Church Street
Jacksonville, Florida 32202-3139

June 22, 2018



Florida Department of Environmental Protection
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

E L E C T R I C

W A T E R

S E W E R

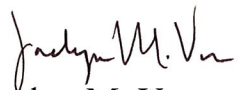
RE: Notification
Hazardous Waste Contingency & Emergency Preparedness Plan
JEA Westside Service Center
(6727 Broadway Avenue, Jacksonville, Florida 32254)

To whom it may concern:

Enclosed please find the Hazardous Waste Contingency and Emergency Preparedness Plan for JEA's Westside Service Center located at 6727 Broadway Avenue, Jacksonville, FL 32254. This notification is being submitted in accordance with 40 CFR Subpart C 265.37, Arrangements with Local Authorities. The plan is provided because you may be notified in the event of a hazardous waste release, have a contractual relationship with JEA to provide response services or are a medical organization.

Should you have any questions regarding this plan, please contact me at (904) 665-4243 or Tarijm@jea.com.

Sincerely,


Jaclyn M. Vu
Environmental Permitting and Regulatory Conformance

cc: G:drive



ENVIRONMENT SERVICES PROCEDURE

TITLE: WSSC Hazardous Waste Contingency Plan and Emergency Plan

CREATION DATE: 1994

REVISED: June 2018

OBJECTIVE:

- To establish the necessary procedures and authority to ensure prompt and effective response to an unanticipated accident involving an uncontrolled release of hazardous waste to the environment in accordance with **40 CFR, Part 265, Subpart C and D.**
- To set forth arrangements with emergency governmental agencies, medical facilities, emergency response organizations, and private contractors who may be required in the event of an accidental release.
- To identify individuals qualified to act as Emergency Coordinators.
- To provide an inventory of emergency equipment and supplies at the Service Center.

ASSIGNMENT OF RESPONSIBILITY:

Contacts: Glenn Davis, Facility Environmental Coordinator

Facility Type: Electric Systems Service Center

Facility: Westside Service Center
6727 Broadway Avenue
Jacksonville, Florida 32254

The primary responsibility for implementation and enforcement of this procedure is that of the On-Site Operations Manager or designee. Secondary responsibility is that of the Facility Environmental Coordinators, and tertiary responsibility is that of the Environmental Response Coordinators (ERCs). Environmental Services is responsible for initiating review and updating of this procedure.

BACKGROUND INFORMATION:

Hazardous wastes generated at the WSSC include the following:

- (1) Corrosive wastes (inorganic acids and alkali solutions)
- (2) Ignitable paint products to be discarded
- (3) Ignitable waste paint thinners
- (4) Miscellaneous flammable liquids and solids

- (5) Waste rags and cleanup debris
- (6) Mercury and mercury containing debris
- (7) Waste aerosols
- (8) Batteries (lead acid, nickel-cadmium, etc.)
- (9) Ethylene Glycol (1,2 – Dihydroxyethane)
- (10) Lighting waste

The facility also holds electrical equipment being positioned for decommissioning, a small fraction of which may contain Polychlorinated Biphenyls (PCBs).

PROCEDURE:

A. INTERAGENCY ARRANGEMENTS

The following organizations may be notified in the event of a hazardous waste release. Those agencies which may respond to a release have been supplied with copies of this Plan.

1. National Response Center
Washington, D.C.
1-800-424-8802 or 202-267-2675
2. State Watch Office
Tallahassee, Florida
1-800-320-0519 or 850-413-9911
3. Florida Department of Environmental Protection
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
(904) 256-1700
4. Jacksonville Environmental Quality Division (EQD)
214 N. Hogan St, 7th Floor
Jacksonville, Florida 32202
(904) 630-3635 pager: 449-8930
Emergency Response Line: (904) 255-7171
5. Jacksonville Fire and Rescue Department
515 North Julia Street
Jacksonville, FL 32202
(904) 630-0529 (Non-Emergency) or 911 (Emergency)
6. Jacksonville Sheriff's Office
(904) 630-0500 or 911 (Emergency)

7. Shands Jacksonville
655 West 8th Street
(904) 244-0411 (main line)
8. Alliance Health Clinic
2525 North Pearl Street
Jacksonville, FL 32208
(904) 665-7484
9. Cliff Berry
1518 Talleyrand Ave
Jacksonville, FL 32206
(904) 356-5516
10. Hull's Environmental Services
10145 103rd Street
Jacksonville, FL 32210
(904) 379-3465
(800) 450-9077
11. Moran Environmental Recovery Inc.
251 Levy Road
Atlantic Beach, FL 32233
(904) 241-2200
(800) 359-3740
(800) 233-5338

JEA has contractual relationships with listed service organizations. Emergency and medical organizations are familiar with the types of hazardous waste generated at JEA facilities.

B. EMERGENCY COORDINATORS

Operations:

The On-Site Operations Manager or designee has primary responsibility for incident response at the facility and will be on duty at all times and will notify the Facility Environmental Coordinator or On-Call ERC concerning an emergency situation as soon as the immediate emergency responsibilities will permit. The On-Site Operations Manager or designee shall confer by telephone with and, where necessary, take direction from the ERC until that individual can reach the facility and assume personal direction of emergency operations.

On-Site Operations Manager:

Carl Ramsabhag, Manager, Investment Recovery Operations

(904) 665-7567 (office) (904) 234-4805 (mobile)

Branden Schumacher, Transformer Shop Working Foreman

(904) 665-6924 (office) (904) 228-2279 (mobile)

Emergency Coordinator:

Alan Tablada, Incident Response

665-5760 (office) 703-0425 (mobile)

Facility Environmental Coordinators:

Glenn Davis (KGS, BB, GEC)

665-4549 (office) 591-4777 (mobile)

Jaelyn Vu, Environmental Engineer, Environmental Permitting & Assessments

665-4243 (office) 328-8969 (mobile)

Incident Response On-Call Coordinator: 620-9921 (24-hour number)

C. FACILITY PLAN:

Appendix A contains an aerial of WSSC and a diagram the WSSC waste management building layout.

D. EMERGENCY COMMUNICATION FACILITIES & EQUIPMENT INVENTORY

The following facilities, equipment and supplies are maintained at the site:

1. COMMUNICATION:

This building contains a hard line (665-7673), and all employees are equipped with cell phones.

The On-Site Operations Manager or designee will be in responsible charge of the Station during or after normal working hours, and will typically be the first person to be advised of and to investigate an emergency condition.

The building is equipped with a dry pipe sprinkler system.

2. EMERGENCY EQUIPMENT LIST

Description

- a. Emergency spill kits are located on the eastside of the north-bay roll up door.
- b. Fire extinguishers are located throughout the facility.

Emergency response contractors will have all the necessary equipment at their disposal should an emergency arise.

3. EMERGENCY WATER SUPPLY

The building is equipped with dry pipe sprinkler system.

E. EVACUATION

The quantity of hazardous waste that could conceivably exist on the site, if released, should not create conditions requiring evacuation of facility personnel or any of the commercial facilities in the vicinity of the service center. There are five different exit locations in the waste management building, and the exit gate from the site is on the western boundary of the service center.

F. RESPONSE ACTIONS

1. Whenever there is an imminent or actual emergency situation, the On-Site Operations Manager or designee must immediately:
 - a. Activate internal facility alarm system and, where applicable, notify all affected personnel; and
 - b. Notify appropriate State and/or Local agencies with designated response roles if their help is needed.
2. Whenever there is a release, the On-Site Operations Manager or designee must immediately (no later than 15 minutes from discovery) identify the character, exact source, amount, and the extent of any released materials. He may complete this requirement by observation or review of facility records and by chemical analysis of a sample of the released liquids.
3. Concurrently, the On-Site Operations Manager or designee must assess possible hazards to human health or the environment that may result from the release. The On-Call ERC should be consulted.
4. If the ERC determines that the facility has had a release which could threaten human health or the environment, or which is in excess of the reportable quantity, the ERC will notify the National Response Center at 800-424-8802 and the State Watch Office at 800-320-0519. Record in a log the information provided and the spill event identification number assigned. The report must include:

- a. Name and telephone number of the reporting individual;
- b. Name and address of the facility;
- c. Time and brief description of the release;
- d. Name and quantity of materials involved, to the extent known at the time of the report;
- e. The extent of injuries, if any; and
- f. The possible hazards to human health, or the environment, outside the facility.

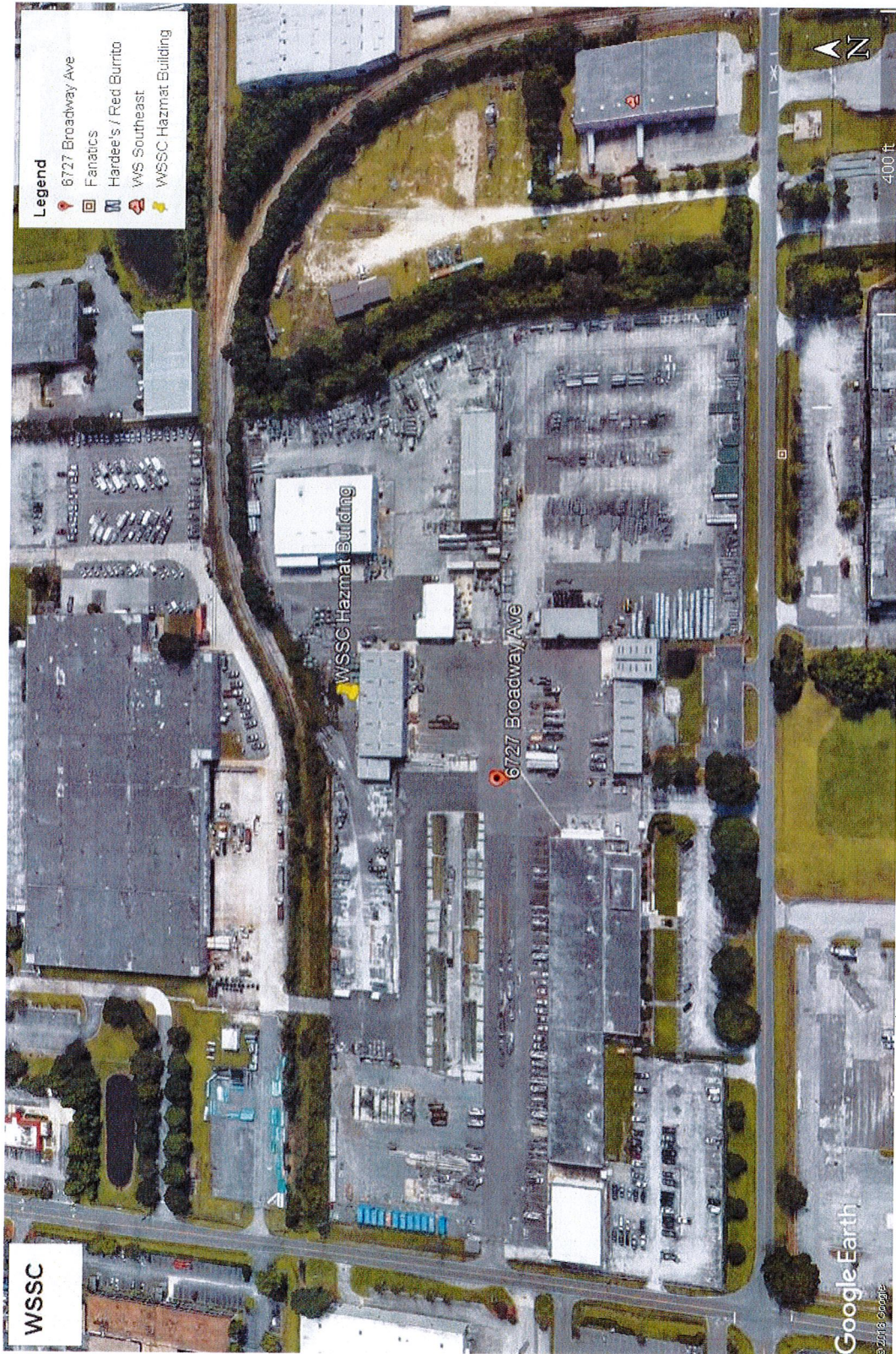
A reportable quantity release is any release into the air, water, ground, etc. in excess of an established threshold, or if an oil release impacts or causes a sheen or film on surface water or ditches and storm drains which discharge to surface water. A list of reportable quantities for commonly encountered wastes/substances is attached as Appendix B.

5. During an emergency, the On-Site Operations Manager or designee and/or Facility Environmental Coordinator shall take all reasonable precautions necessary to ensure that releases do not occur, recur or spread to other areas of the facility. These measures shall include, where applicable, stopping the contributing processes and operations, and collecting and containing released wastes.

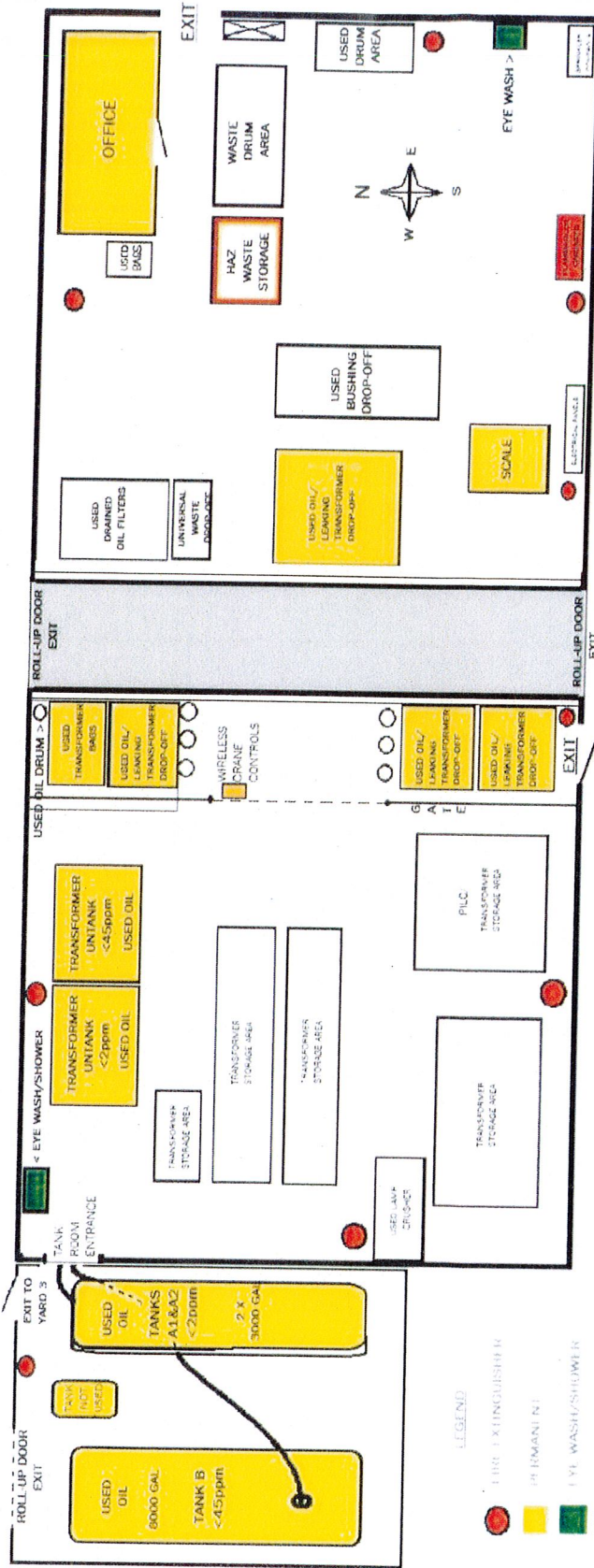
A failure of any drums in the hazardous waste drum storage area would involve containing and removing any spilled liquid and clean-up of the underlying surface with adsorbents or absorbents. Any situation which the Facility Environmental Coordinator determines Facility personnel are not qualified to respond may warrant the use of a spill response company. (See Section A. Interagency Arrangements.)

6. The ERC, in consultation with the Facility Environmental Coordinator, shall arrange for profiling, treating, storing, or disposing of any recovered wastes, contaminated soils, or surface waters that result from a release at the facility. Testing shall be performed by JEA Laboratories, (904) 665-4517.
7. The Facility Environmental Coordinator shall ensure that, in the affected areas of the facility:
 - a. No waste that may be incompatible with the released material is handled in any way which could bring it into contact with the released material.
 - b. All emergency equipment used is repaired, replaced and fit for the intended use before operations are resumed.

8. The Florida Department of Environmental Protection shall be notified that the facility is in compliance with paragraph F,7 before affected operations are resumed in the affected area(s) of the facility.
9. The On-Site Operations Manager or designee shall note in the operating record of the facility the time, date, and details of any incident that requires implementation of the Contingency Plan.
10. Within 15 days after the incident, a written report shall be submitted to the Florida Department of Environmental Protection by the Facility Environmental Coordinator. The report must include:
 - a. Name, address, and telephone number of JEA;
 - b. Name, address, and telephone number of Generating Station;
 - c. Date, time and type of accident;
 - d. Name and quantity of material involved in the release;
 - e. The extent of injuries, if any;
 - f. An assessment of actual or potential hazards to human health or the environment, where applicable;
 - g. Estimated quantity and disposition of any recovered materials that resulted from the incident.



DIX A



WSSC, BLDG 4, HAZMAT BLDG
 6/27 BROADWAY AVE.
 JACKSONVILLE, FL 32254

APPENDIX B

**REPORTABLE QUANTITIES FOR COMMONLY ENCOUNTERED
WASTES AND SUBSTANCES**

	LBS	GAL
Corrosive Wastewater (D002)*	100	13
(pH<=2 or pH >=12.5		
Ignitable Waste (D001)*	100	13
(paints and thinners)		
Methyl Ethyl Ketone.....	5000	
Toluene.....	1000	
Xylene.....	1000	
1,1,1 – Trichloroethane.....	1000	
PCB.....	1	
TCLP Toxic Metallic Waste (D004-D011)*		
Arsenic.....	1	
Barium.....	1000	
Cadmium.....	10	
Chromium.....	10	
Lead.....	10	
Mercury.....	1	
Selenium.....	10	
Silver.....	1	
Sodium Hypochlorite.....	100	100
Ammonium Hydroxide (Ammonia).....	100	445
Sodium Hydroxide ('caustic').....	1000	157
Hydrazine.....	1	0.35
Sulfuric Acid.....	1000	70
Chlorine (gaseous).....	10	
Petroleum on Land.....	xx	>10
Asbestos.....	1	
*EPA Waste Code		

(all calculations are made on a **pure** substance basis)