

INTEGRATED RESOURCE RECOVERY, INC.

4001 S.W. 47th Ave., Suite 211
Davie, Florida 33314

CONTINGENCY PLAN

as revised

December, 1991

INTEGRATED RESOURCE RECOVERY, INC.

CONTINGENCY PLAN

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Ref: 40 CFR 265 Subpart D, Subpart C, 265.16.

INTEGRATED RESOURCE RECOVERY, INC.

CONTINGENCY PLAN

K E Y S U M M A R Y D A T A

FACILITY IDENTIFICATION:

- (1) Facility Name: Integrated Resource Recovery, Inc.
- (2) Plant Location: 3670 S.W. 47th Avenue
Davie, Florida 33314
- (4) Office Address: 4001 S.W. 47th Avenue, Ste. 211
Davie, Florida 33314
- (5) Mailing Address: Same as office address
- (6) Telephone: Plant (305) 584-9491
Office (305) 583-3795
- (7) EPA I.D. #: FLD 981 018 773

EPA Region: Southeast Region 4

EMERGENCY
COORDINATORS:

	<u>Primary</u>	<u>Secondary</u>
Name:	John Lennon	Joseph Fornabaio
Home Phone:	(305) 680-8950	(407) 241-7956
Office Phone:	(305) 583-3795	(305) 583-3795
Beeper:	(305) 497-7080	(305) 497-4374
Home Address:	9140 S.W. 49th St. Cooper City, Fl.	6647 Newport Lake Cir. Boca Raton, Fl.
Position:	Vice President	Director of Operations

Note: The Emergency Coordinator or Alternate(s) are on the premises at all times or on call and are available to respond to an emergency. During normal working hours the facility can be reached by the Emergency Personnel within a short period of time.

TYPE OF FACILITY: Used oil recycling/ Industrial wastewater treatment/ Collection, Recycling, and Transportation Facility (Transfer Station) - Part A (Interim Status)

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
GENERAL REQUIREMENTS AND RESPONSIBILITIES

A. PURPOSE AND IMPLEMENTATION OF CONTINGENCY PLAN

The Contingency Plan is designed to minimize hazards to human health and the environment from fires, explosions, or other unplanned sudden or long-term release of hazardous constituents to air, soil, or surface water.

The provisions of the Plan must be carried out immediately whenever there is a fire, explosion, or release of materials that could threaten human health or the environment.

B. CONTENT OF THE CONTINGENCY PLAN

The Contingency Plan describes the actions facility personnel must take in response to fires, explosions, or other unplanned sudden or long-term releases to air, soil, or surface water at the facility.

The Plan describes arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services.

The Plan lists current names, addresses, and phone numbers of all persons qualified to act as emergency coordinator. The Plan lists the primary emergency coordinator and those persons selected to act in his absence.

The Plan includes a list of all emergency equipment at the facility, the location where it is stored, and a brief outline of its capabilities.

The Plan includes an evacuation plan for facility personnel which describes the evacuation warning signal to be used and the routes to be taken for likely emergencies.

The Plan must be updated to reflect current regulations, changes in the nature of the facility and its potential hazards, key personnel changes, safety equipment changes, etc.

C. COPIES OF CONTINGENCY PLAN

An up-to-date Contingency Plan must be:

- (1) Maintained at the facility
- (2) Fully understood by emergency coordinators and others directly affected by it.
- (3) Submitted to all local police departments, fire departments, hospitals, Florida DER, and local emergency response teams that may be called upon for emergency services.
- (4) Copies of the Plan may be obtained from the President of the Company or John Lennon, V.P., or Joe Fornabaio, Director of Operations.

D. EMERGENCY COORDINATOR

As outlined in 40 CFR 265.55, the Emergency Coordinator(s) are thoroughly familiar with all aspects of the facility's Contingency Plan and have intimate knowledge of facility operations, equipment, personnel, characteristics of hazardous materials and wastes, locations of records, and facility layout.

An Emergency Coordinator(s) is on call and able to respond to an emergency at all times. An alternate Emergency Coordinator is available to substitute for the Primary Emergency Coordinator.

The Emergency Coordinator has authority to commit equipment and personnel and expend financial resources during an emergency to carry out the Contingency Plan.

The Emergency Coordinators in the order they will assume responsibility are as follows:

- | | |
|--|---|
| (1) John Lennon, V.P. | Home: (305) 680-8950 |
| (2) Joseph Fornabaio, Dir.
Operations | Home: (407) 241-7956 |
| (3) Gary Moore, President | Can always be reached
through office number
(answering service)
(305) 583-3795 |

F. EMERGENCY PROCEDURES (See EXHIBIT D for Emergency Numbers)

Whenever there is an imminent or actual emergency, the Emergency Coordinator must immediately:

- (1) Notify key facility personnel,
- (2) Take steps to safeguard employees, and evacuate the facility if necessary,
- (3) Notify state or local agencies and emergency response teams as appropriate, (SEE EXHIBIT D FOR EMERGENCY NUMBERS.)
- (4) Assess the character, source, quantity, and potential impact of the emergency,
- (5) Assess possible hazards to human health or the environment that may result from the release of hazardous materials or waste, including the effects of any toxic, irritating, or asphyxiating gases that may occur, or the effects of damage to surface or underground water that may occur from run-offs,
- (6) Take reasonable measures to ensure that fires, explosions and releases do not occur, recur, or spread to other hazardous materials,
- (7) Provide for treating, storing, or disposing of recovered hazardous materials or waste, contaminated soil or surface water, and other waste.

Before resuming operations after a reportable hazardous material or waste spill occurred, the Facility owner or operator must inform the Regional EPA Administrator and local and State authorities that all waste was properly disposed, safety and emergency equipment is available to meet future emergencies, and the facility is ready for operation.

G. REPORTING & RECORD KEEPING

The owner or operator must keep a complete record of events when implementing the Contingency Plan. A written report must be submitted to FDER when a reportable release of hazardous material occurs. Call FDER (407) 433-2650, noting the following information:

- (1) Name, address, and telephone of the owner or operator,
- (2) Name, address, and telephone of the facility,
- (3) Date, time, and type of incident (fire, explosion, etc.),
- (4) Description and quantity of material(s) involved,
- (5) Extent of injuries,
- (6) Assessment of actual or potential hazards to human health or the environment,
- (7) Estimated quantity and disposition of recovered material.

H. ARRANGEMENTS WITH LOCAL AUTHORITIES

In accordance with 40 CFR 265.52(c), the following agencies have been notified of Integrated Resource Recovery, Inc., operations, materials handled, and the potential needs for their services in an emergency situation:

- (1) Fire Department: Town of Davie
Phone 911 Administration (305) 797-1090

(The Contingency Plan was mailed to: Fire Prevention Bureau,
6905 S.W. 45th St., Davie, Fl. 33314, Attn: JoAnne

- (2) Police Department: Phone 911
- (3) Hospital - primary: Plantation General
Phone (305) 587-5010
- (4) Hospital - secondary: Broward General
Phone (305) 355-4400
- (5) Florida Department of Environmental Regulation
S.E. District, 1900 S. Congress Ave., Ste.A,
West Palm Beach, Fl. 33406
Phone (407) 433-2650 Fax 407/433-2666
- (6) Broward Co. Office of Natural Resource Protection
Phone (305) 765-4900

The fire department has been familiarized with the Plan and the facility layout including emergency exits, fire hydrants and fire extinguishers. The fire extinguishers are dry chemical type and rated

for Class A, B, and C fires. The facility layout, (Exhibit A), shows chemical storage areas, the main electrical panel, locations of fire extinguishers, the nearest fire hydrant(s), evacuation routes, and safety gear.

The primary fire-rescue and emergency services units would be responding from Emergency Medical Services, Telephone 911.

The Davie Police Department or the Fire Department will oversee evacuation of the facility.

The hospitals have been informed that the nature of Integrated Resource Recovery operations are such that the hospital should anticipate burns, respiratory irritation due to inhalation of smoke or vapors, asphyxia from toxic gasses, or poisoning from ingestion, inhalation, or absorption of toxic substances.

I. EMERGENCY EQUIPMENT

In accordance with 40 CFR 265.52(e), a current list of Emergency Equipment is maintained at the facility. Exhibit B shows the equipment maintained for emergencies.

J. EMERGENCY RESPONSE - SPILLS AFFECTING WATER

Cherokee Groundwater Services, Inc., of Hollywood, Florida will be the primary contact for emergency response for clean-up of spills on the highway and major spills at the facility.

In compliance with federal law as set forth by EPA and DOT, the following procedures will be followed regarding spills and other unintentional releases (incidents) of products and materials handled by Integrated Resource Recovery, Inc.

For releases at the facility, the Emergency Coordinator will be immediately notified and all available personnel will take action to halt the spill and remove to the extent practicable any dangers to human health and the environment.

The Emergency Coordinator will implement measures described previously in the Contingency Plan.

For information about cleaning up chemical spills, call Chemtrec at 800-424-9300.

To determine if the spill is a reportable incident, contact the Florida Department of Environmental Regulation, West Palm Beach, telephone (407) 433-2650.

Any release into surface or groundwater of a substance designated as hazardous by 40 CFR, part 117, table 117.3, in an amount equal to or greater than the reportable quantity in any 24 hour period must be immediately reported by telephone to the National Response Center of the U.S. Coast Guard at 800-424-8802.

Exhibit C lists substances handled by Integrated Resource Recovery, Inc. The list includes the average quantity on hand and estimated storage period.

K. EMERGENCY RESPONSE - SPILLS NOT AFFECTING WATER

An unintentional release of a hazardous material or hazardous waste during loading, unloading, or transporting, (49 CFR 171.16), must be reported on DOT Form 5800.1 and submitted within 15 days of the incident to the Associate Director for Hazardous Materials Regulation, Department of Transportation, Washington, D.C. 20590.

All spills or discharges of chemicals at Integrated Resource Recovery, Inc., must be reported immediately to the President or Vice President.

L. EMERGENCY RESPONSE - HAZARDOUS WASTE SPILLS

All hazardous wastes at the facility must be stored in drums within the designated hazardous waste drum storage area in order to contain any spillage within the containment wall. In the event of a spill or leak within the storage area or during loading or unloading, the Plant Manager, (Emergency Coordinator), must be notified immediately.

The Emergency Coordinator is responsible for supervising the clean up. Prior to cleaning up the waste, the Emergency Coordinator must identify the health hazards and safety concerns involved and determine whether to consult independent authorities or proceed with the clean up using Company employees.

ANY CLEAN UP OF HAZARDOUS WASTE THAT IS UNDERTAKEN BY OUR EMPLOYEES MUST BE PERFORMED BY OSHA-CERTIFIED EMPLOYEES WHO ARE FAMILIAR WITH THE POTENTIAL HAZARDS, MATERIAL HANDLING, AND SAFE OPERATING PRACTICES APPLICABLE TO THE WASTE.

Exhibit E provides a quick reference of the potential hazards, safety concerns, and remediation methods concerning hazardous or potentially harmful wastes or chemicals that are handled by I.R.R. This exhibit must be posted in a conspicuous place at the facility and each plant employee and driver must be made aware of its contents.

IMAGE QUALITY

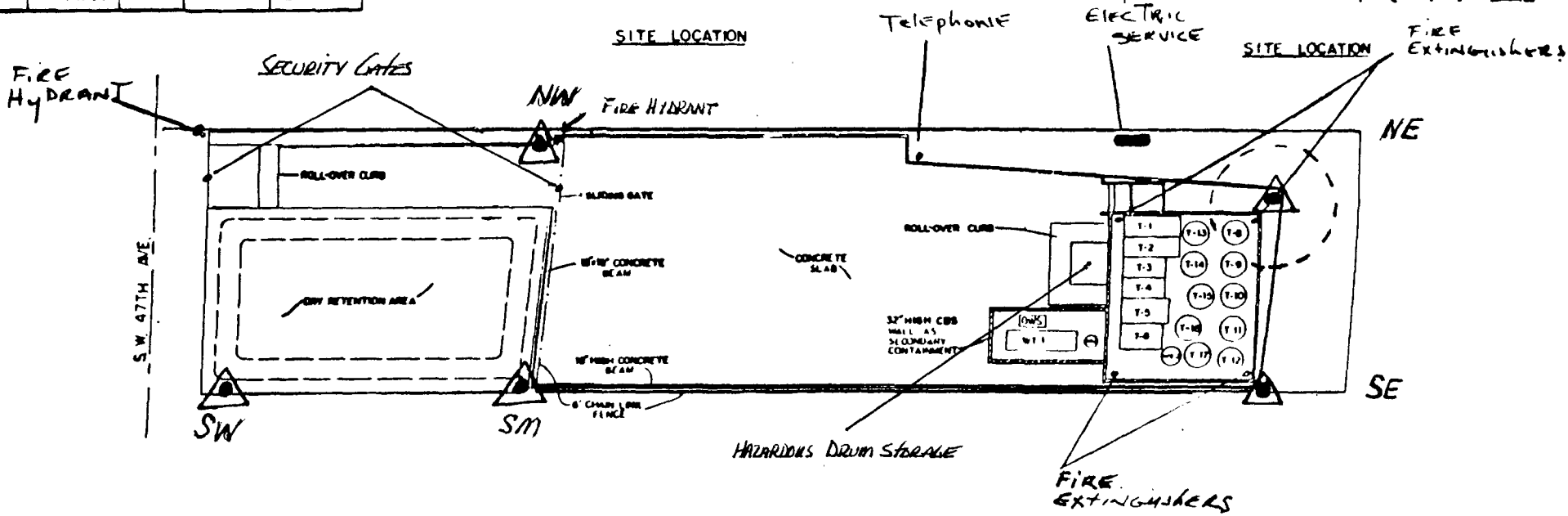
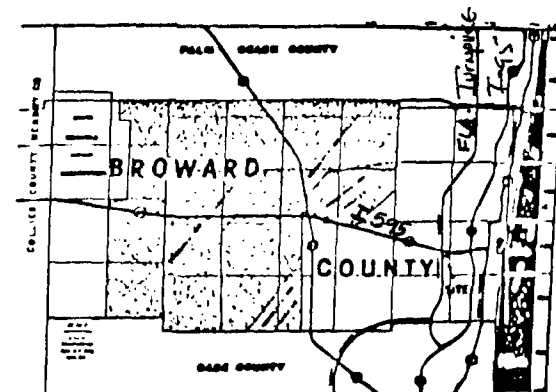
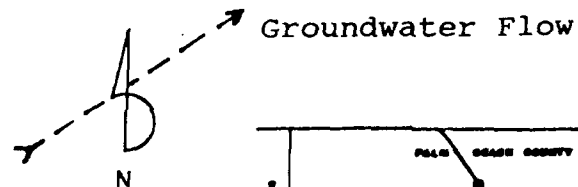
AS YOU VIEW THE FOLLOWING
DOCUMENT, PLEASE NOTE THAT
PORTIONS OF THE ORIGINAL WERE OF
POOR QUALITY

Integrated Resource Recovery, Inc.
Groundwater Monitoring Plan
Monitoring Well Sites

Exhibit A

TRUCK LEGEND

NUMBER	DESCRIPTION	CAPACITY (GAL)	CONFIGURATION	SERVICE
T-1, 2	8' 0" x 12' 0"	6,000	HORIZONTAL	HAZARDOUS WASTE
T-3, 4	8' 0" x 12' 0"	6,000	HORIZONTAL	HAZARDOUS WASTE
T-5	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-6	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-7	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-8, 9	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-10	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-11	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-12	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-13	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-14	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-15	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-16	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-17	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-18	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-19	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE
T-20	10' 0" x 12' 0"	10,000	HORIZONTAL	HAZARDOUS WASTE



SITE PLAN

Monitoring well

Primary Groundwater Sample Point

IRR 441 S.W. 47TH AVE.	
DAVE, FL 33314	
DATE	MMW, PE
SITE PLAN	
WU	ENVIRONMENTAL ENGINEERS

Florida Department of Environmental Regulation
 DER Form # 17-761.900(2)
 Storage Tank Registration Form

Facility Name: Integrated Resource Recovery, Inc.

Form 17-761.900(2), Lines 9 - 16.

9 Tank No.	10 Tank Size	11 Content Code	12 Install Date	13 Above or Under	14 Construct Code	15 Pipe Code	16 Leak Detection
1	8,000 g.	OILY H2O Z	1/89	A	C,K,M,N,P,R	A,G,L	B,H,M
2	8,000 g.	L	1/89	A	C,K,M,N,P,R	A,G,L	B,H,M
3	6,000 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
4	6,000 g.	L	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
5	10,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
6	10,000 g.	D	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
7	10,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
8	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
9	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
10	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
11	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
12	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
13	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
14	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
15	20,000 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
16	20,000 g.	H2O Z	4/49	A	C,K,M,N,P,R	A,G,L	B,H,M
17	20,000 g.	H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
18	650 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
19	2,000 g.	SLUDGE Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M

STORAGE TANK REGISTRATION CODES LIST

(#2) FACILITY TYPE CODES

- A. Retail/fuel seller
- B. Residence
- C. Non-retail/fuel user not seller
- D. Inland bulk petroleum storage
- E. Industrial plant
- F. Federal government
- G. State government
- H. Local, city government
- I. County government
- J. Collection station
- K. Bulk chemical storage
- L. Chemical user facility
- M. Agricultural facility
- N. Indian land
- T. Bulk product facility
- V. Marine fueling facility
- Z. Other: _____

(4) County code
(5) Facility information

(#6) FINANCIAL RESPONSIBILITY CODES

- A. State Program - Third Party Liability/State contractor (FPLPA, AIG)
- B. State Program - Third Party Liability/Self Insurance with other carrier; other federal financial responsibility mechanism.
- C. Other coverage meeting federal financial responsibility requirements.
- D. None

(7) Owner information
(8) Tank site information
(9) Tank number
(10) Tank size

(#11) CONTENT CODES

- A. Leaded gasoline
- B. Unleaded gasoline
- C. Gasohol
- D. Vehicular diesel
- E. Aviation gasoline
- F. Jet Fuel
- G. Diesel; emergency generator
- H. Diesel; generator or pump
- K. Kerosene
- L. Waste oil
- M. Fuel oil; on site heating
- N. Fuel oil; distribution
- O. New/Tube oil
- Q. Pesticide
- R. Ammonia compound
- S. Chlorine compound
- T. Hazardous substance
- U. Mineral acid
- V. Bunker 'C' residual oil
- W. Petroleum additive (pollutant)
- Y. Unknown
- Z. Other: _____

(12) Tank installation date
(13) Tank placement (U or A)

(#14) TANK CONSTRUCTION CODES

- A. Overfill protection - ball check valve
- B. Interior lined or lined bottom steel
- C. Bare, painted, or asphalted steel
- D. Unknown
- E. Fiberglass
- F. Fiberglass-clad steel, composite
- G. Cathodically protected & coated steel, sacrificial anode
- H. Cathodically protected & coated steel, impressed current
- I. Double-walled
- J. Secondary containment, synthetic liner
- K. Secondary containment, concrete
- L. Compartmented
- M. Spill containment
- N. Overfill protection - flow shut off
- O. Overfill protection - tight fill
- P. Impervious berm
- Q. Earth berm
- R. Impervious base
- S. Earth base
- T. Small use tank
- U. Field erected tank
- W. Tank built on supports
- X. Concrete
- Y. Other: _____
- Z. Department approved alternate

(#15) PIPING CONSTRUCTION CODES

- A. Aboveground, not in contact with soil
- B. Galvanized or unprotected metal
- C. Fiberglass
- E. Cathodically protected steel
- F. Double-walled
- G. Secondary containment
- H. Airport hydrant piping
- I. Suction piping system
- J. Pressurized piping system
- K. Dispenser liners
- L. Bulk product piping
- Y. Unknown
- Z. Department approved alternate

(#16) LEAK DETECTION METHODS

- A. Vapor monitoring
- B. Groundwater monitoring
- E. Interstitial monitoring, tank liners
- F. Interstitial monitoring, double-walled tank
- G. Piping/in-line leak detectors with automatic shut-off
- H. Piping/in-line flow restrictors
- I. Not required, see rule for exemptions
- J. Interstitial monitoring, piping liners
- K. Interstitial monitoring, double-walled piping
- L. Automatic tank gauging system
- M. Manual tank gauging system
- X. None
- Y. Unknown
- Z. Department approved alternate

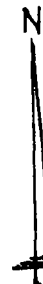
(#17) TANK STATUS/DISPOSAL CODES

- *A. Properly closed in place, underground tank filled with sand or concrete; above-ground tank properly closed
- *B. Removed from the site
- F. Unmaintained storage tank - tank not in use and not properly disposed; or tank discovered abandoned
- T. Temporary out-of-service
- U. In-service

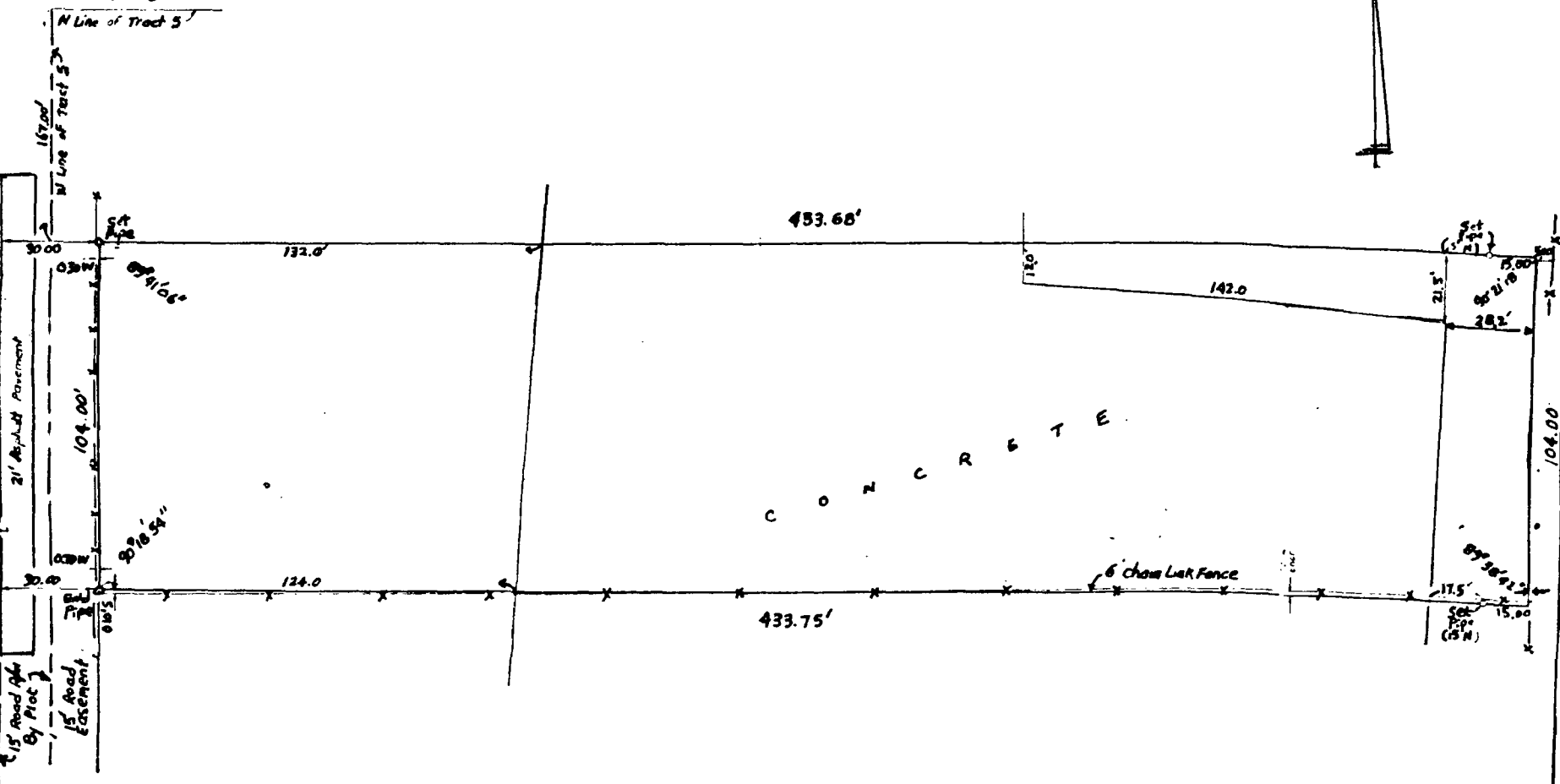
(18) Gallons left
(19) Status date
(20) Specialty Contractor



NAME CHANGED TO: INTEGRATED RESOURCE RECOVERY, INC.



OAKS ROAD



LEGAL DESCRIPTION: The South 104.00 feet of the North 271.00 feet of Tract 5, "JOHN W. NEWMAN'S SURVEY" of Section 25, Township 50 South, Range 41 East, as recorded in Plat Book 2, Page 26 of the Public Records of Dade County, Florida; LESS the East 95.00 feet and LESS the West 15.00 feet for road right-of-way. Said lands being in Broward County, Florida and contains 43,620 square feet or 1.035 acres.

CANT UNDER CONST FINAL

NOTES:

- 1 Elevations are relative to National Geodetic Vertical Datum of 1929 are shown thus _____
- 2 Scale. 1" = 30'
- 3 Benchmark

I hereby certify that I have made a recent survey of the described property, and it is true and correct to the best of my knowledge and belief. I also certify that there are no known ground encroachments, unless otherwise noted. I further certify that the survey represented hereon meets the MINIMUM TECHNICAL STANDARDS adopted by the State Board of Land Surveyors, pursuant to Section 327 Florida Statutes and the minimum requirements of the FLTA.

This 9th day of May 19 85 A.D.

DALE S. HUTCHISON
Reg. Land Surveyor No. 3823
State of Florida

Valid Unless Sealed Drawn by _____ Checked by _____

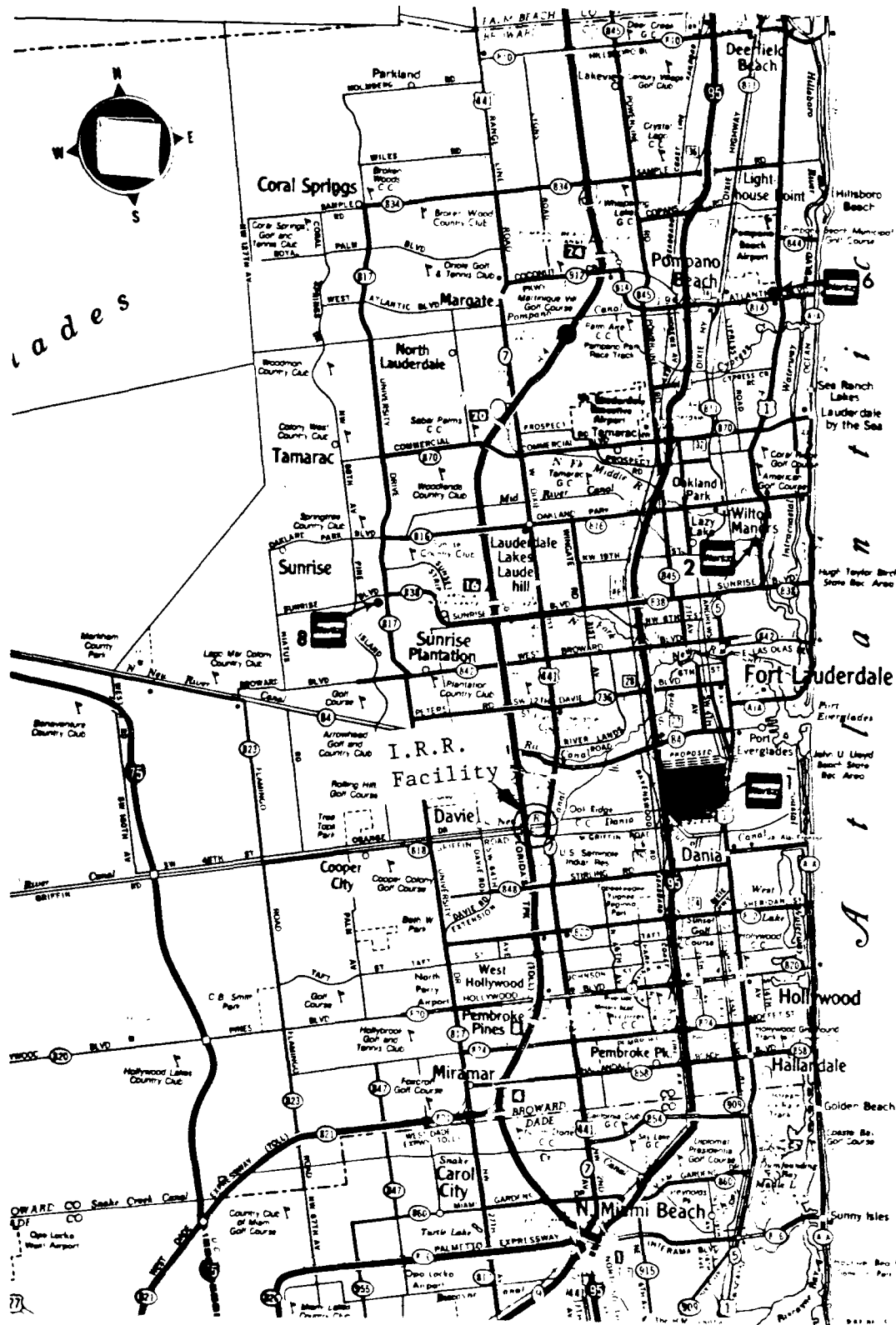


Figure 1 - Location of the IRR facility

EXHIBIT B

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
EMERGENCY EQUIPMENT

	<u>Location</u>	<u>Quantity</u>	<u>Type</u>
Fire Alarm	Facility	1	Horn
Fire extinguishers (Dry chemical type)	Facility (Exh.A)	4	ABC
	Trucks	1 ea	ABC
Gas mask	Facility office	3	Disposable Cartridge
Spill pads	Plant office	2 rolls	Absorbent
Oil Dry	Plant office	6 bags	
17H Open Top Drums	Facility	25-75	17H
Safety suit	Facility	1 doz.	Tyvac Suits
Spill pumps	Facility	3	Elec./Air
First aid kit	Trucks	1 ea	
First aid kit	Facility	1 ea	
Spill clean-up tools	Facility	Various	

EXHIBIT C

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
MATERIALS STORED ON SITE

<u>Product</u>	<u>Storage Days</u>	<u>Average Qty. On Hand</u>
# 5 Industrial Fuel (reclaimed waste oil)	Continuous stock	30,000 gallons
Diesel Fuel	Continuous stock	3,000 gallons
Hydrated lime (water treatment)	1 week	10 bags
Potassium permanganate (water treatment)	Continuous stock	30 gallons
Waste antifreeze	Continuous stock	3,000 gallons
Waste paint thinners	Less than 10 days	5 - 25 drums
Wastewater	Continuous stock	20,000 gallons
Petroleum wastes (hazardous)	Less than 10 days	5 - 30 drums

* Refer to MSDS sheets for additional information on safeguards and hazards regarding this material.

** Refer to laboratory analytical data and cross reference to MSDS sheets for hazardous components of hazardous wastes. Refer to applicable corporate safety policy for further information on product hazard communication. Contact Joseph Fornabio or President.

Integrated Resource Recovery, Inc.
Hazardous Waste Reference

<u>Type of Waste/ Material</u>	<u>Hazardous Ingredients</u>	<u>Hazardous Properties</u>	<u>D.O.T. Hazard Classification</u>	<u>Fire Precautions</u>	<u>First Aid</u>	<u>Protective Equipment</u>
Paint thinners/ terpentine	Alcohol Acetone Esters Ketones Terpentine Petrol. Dist.	Flammable & toxic	Combustible (173.115)	Flash @ 100 Deg. F Avoid vapors. Put out fire with foam, CO2, or dry chemicals. NO SMOKING!	Flush w/ water. Remove contaminated clothes. Do not in- duce vomiting.	Tyvek suits, rubber gloves, goggles, and respiratory mask.
Sludges/ Waste water	Benzene	Flammable, & toxic Suspected carcinogen.	Combustible (173.115)	Flash @ 120 Deg. F Avoid vapors. Put out fire w/ foam, CO2, dry chemical. DO NOT USE WATER! NO SMOKING!	Flush w/ water. Call Doctor if breathing problem is evident.	Rubber gloves. Full facepiece respirator above 10 ppm.
Antifreeze	Ethylene glycol	Toxic	na	Low risk of fire.	Flush w/ water.	Avoid prolonged contact. Use rubber gloves.
Water treatment chemical	Potassium permanganate	Non-toxic	None	Minimal, extin- guish w/ water.	Corrosive to eyes. Flush w/ water.	Rubber gloves, safet glasses.
Water treatment chemical	Lime, (calcium hydroxide)	Eye, lung & skin irritation	Non-hazardous	Incombustible	Flush w/ water.	goggles, rubber gloves, cartridge respirator
Water treatment chemical	ECA 501-3 (Polymer- organic amines, alcohol)	eye, skin & mucous memb- rane irritant	Toxic (5% methanol)	Heating may cause toxic, flammable methanol vapors.	Flush w/ water, Avoid vapors	Goggles, rubber glov cartridge respirator

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
TELEPHONE REPORT OF INCIDENT

Format:

This is (Your Name) of Integrated Resource Recovery, Inc., 3670 S.W. 47th Ave., Davie, Florida.

We have had a (Describe Incident) of (Name Chemical) at (Time).

Minor

We are involved in the process of assessing the quantity involved.

Major

We believe the Contingency Plan for this site must be implemented by (Describe Action Needed: Fire, Evacuation, Ambulance, etc.)

(Describe Injuries, if any).

(Describe possible hazard to human health outside the facility).

(Describe potential impact upon environment).

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
LOCAL AUTHORITY ACKNOWLEDGEMENT OF RECEIPT OF CONTINGENCY PLAN

Date

Integrated Resource Recovery, Inc.
4001 S.W. 47th Ave.
Suite 211
Davie, Fl. 33324

RE: Receipt of Contingency Plan

Attention: Emergency Coordinator

Dear Sir:

I have received a copy of the Integrated Resource Recovery, Inc.,
Contingency Plan and have taken the following action:

- _____ I read the Plan and will forward comments later.
_____ I read the Plan and enclose the following comments.
_____ I have read the Plan and have no comments about it.

Very truly yours,

Signature

Title

:

POST IN A CONSPICUOUS PLACE

Integrated Resource Recovery, Inc.
Contingency Plan

Emergency & Important Telephone Numbers

Fire Department	911
Police	911
Emergency Medical Services	911
U.S. EPA (24 hour hotline)	1-800-424-8802
Environmental Emergency - State	1-904-488-1320
Florida DER, West Palm Beach	(407) 433-2650
Emergency Coordinators:	
John Lennon	(305) 680-8950 home (305) 583-3795 office
Joe Fornabaio	(407) 241-7956 home (305) 583-3795 office
Fire Department - Town of Davie	(305) 797-1090 Administration
Hospital - Plantation General	(305) 587-5010
Hospital - Broward General	(305) 355-4400

For information about cleaning up spills, call Chemtrec at 800-424-9300 or Integrated Resource at 800-771-3795.

To determine if a spill is a reportable incident, call Florida Department of Environmental Regulation, (FDER), West Palm Beach, (407) 433-2650.

For chemical releases into groundwater, contact FDER and National Response Center of U.S. Coast Guard at 800-424-8802.

Ref: 40 CFR 265 Subpart D, Subpart C, 265.16.

INTEGRATED RESOURCE RECOVERY, INC.

CONTINGENCY PLAN

K E Y S U M M A R Y D A T A

FACILITY IDENTIFICATION:

- (1) Facility Name: Integrated Resource Recovery, Inc.
- (2) Plant Location: 3670 S.W. 47th Avenue
Davie, Florida 33314
- (4) Office Address: 4001 S.W. 47th Avenue, Ste. 211
Davie, Florida 33314
- (5) Mailing Address: Same as office address
- (6) Telephone: Plant (305) 584-9491
Office (305) 583-3795
- (7) EPA I.D. #: FLD 981 018 773

EPA Region: Southeast Region 4

EMERGENCY
COORDINATORS:

	<u>Primary</u>	<u>Secondary</u>
Name:	John Lennon	Joseph Fornabaio
Home Phone:	(305) 680-8950	(407) 241-7956
Office Phone:	(305) 583-3795	(305) 583-3795
Beeper:	(305) 497-7080	(305) 497-4374
Home Address:	9140 S.W. 49th St. Cooper City, Fl.	6647 Newport Lake Cir. Boca Raton, Fl.
Position:	Vice President	Director of Operations

Note: The Emergency Coordinator or Alternate(s) are on the premises at all times or on call and are available to respond to an emergency. During normal working hours the facility can be reached by the Emergency Personnel within a short period of time.

TYPE OF FACILITY: Used oil recycling/ Industrial wastewater treatment/ Collection, Recycling, and Transportation Facility (Transfer Station) - Part A (Interim Status)

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
GENERAL REQUIREMENTS AND RESPONSIBILITIES

A. PURPOSE AND IMPLEMENTATION OF CONTINGENCY PLAN

The Contingency Plan is designed to minimize hazards to human health and the environment from fires, explosions, or other unplanned sudden or long-term release of hazardous constituents to air, soil, or surface water.

The provisions of the Plan must be carried out immediately whenever there is a fire, explosion, or release of materials that could threaten human health or the environment.

B. CONTENT OF THE CONTINGENCY PLAN

The Contingency Plan describes the actions facility personnel must take in response to fires, explosions, or other unplanned sudden or long-term releases to air, soil, or surface water at the facility.

The Plan describes arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services.

The Plan lists current names, addresses, and phone numbers of all persons qualified to act as emergency coordinator. The Plan lists the primary emergency coordinator and those persons selected to act in his absence.

The Plan includes a list of all emergency equipment at the facility, the location where it is stored, and a brief outline of its capabilities.

The Plan includes an evacuation plan for facility personnel which describes the evacuation warning signal to be used and the routes to be taken for likely emergencies.

The Plan must be updated to reflect current regulations, changes in the nature of the facility and its potential hazards, key personnel changes, safety equipment changes, etc.

C. COPIES OF CONTINGENCY PLAN

An up-to-date Contingency Plan must be:

- (1) Maintained at the facility
- (2) Fully understood by emergency coordinators and others directly affected by it.
- (3) Submitted to all local police departments, fire departments, hospitals, Florida DER, and local emergency response teams that may be called upon for emergency services.
- (4) Copies of the Plan may be obtained from the President of the Company or John Lennon, V.P., or Joe Fornabaio, Director of Operations.

D. EMERGENCY COORDINATOR

As outlined in 40 CFR 265.55, the Emergency Coordinator(s) are thoroughly familiar with all aspects of the facility's Contingency Plan and have intimate knowledge of facility operations, equipment, personnel, characteristics of hazardous materials and wastes, locations of records, and facility layout.

An Emergency Coordinator(s) is on call and able to respond to an emergency at all times. An alternate Emergency Coordinator is available to substitute for the Primary Emergency Coordinator.

The Emergency Coordinator has authority to commit equipment and personnel and expend financial resources during an emergency to carry out the Contingency Plan.

The Emergency Coordinators in the order they will assume responsibility are as follows:

- | | |
|--|---|
| (1) John Lennon, V.P. | Home: (305) 680-8950 |
| (2) Joseph Fornabaio, Dir.
Operations | Home: (407) 241-7956 |
| (3) Gary Moore, President | Can always be reached
through office number
(answering service)
(305) 583-3795 |

F. EMERGENCY PROCEDURES (See EXHIBIT D for Emergency Numbers)

Whenever there is an imminent or actual emergency, the Emergency Coordinator must immediately:

- (1) Notify key facility personnel,
- (2) Take steps to safeguard employees, and evacuate the facility if necessary,
- (3) Notify state or local agencies and emergency response teams as appropriate, (SEE EXHIBIT D FOR EMERGENCY NUMBERS.)
- (4) Assess the character, source, quantity, and potential impact of the emergency,
- (5) Assess possible hazards to human health or the environment that may result from the release of hazardous materials or waste, including the effects of any toxic, irritating, or asphyxiating gases that may occur, or the effects of damage to surface or underground water that may occur from run-offs,
- (6) Take reasonable measures to ensure that fires, explosions and releases do not occur, recur, or spread to other hazardous materials,
- (7) Provide for treating, storing, or disposing of recovered hazardous materials or waste, contaminated soil or surface water, and other waste.

Before resuming operations after a reportable hazardous material or waste spill occurred, the Facility owner or operator must inform the Regional EPA Administrator and local and State authorities that all waste was properly disposed, safety and emergency equipment is available to meet future emergencies, and the facility is ready for operation.

G. REPORTING & RECORD KEEPING

The owner or operator must keep a complete record of events when implementing the Contingency Plan. A written report must be submitted to FDER when a reportable release of hazardous material occurs. Call FDER (407) 433-2650, noting the following information:

- (1) Name, address, and telephone of the owner or operator,
- (2) Name, address, and telephone of the facility,
- (3) Date, time, and type of incident (fire, explosion, etc.),
- (4) Description and quantity of material(s) involved,
- (5) Extent of injuries,
- (6) Assessment of actual or potential hazards to human health or the environment,
- (7) Estimated quantity and disposition of recovered material.

H. ARRANGEMENTS WITH LOCAL AUTHORITIES

In accordance with 40 CFR 265.52(c), the following agencies have been notified of Integrated Resource Recovery, Inc., operations, materials handled, and the potential needs for their services in an emergency situation:

- (1) Fire Department: Town of Davie
Phone 911 Administration (305) 797-1090

(The Contingency Plan was mailed to: Fire Prevention Bureau,
6905 S.W. 45th St., Davie, Fl. 33314, Attn: JoAnne

- (2) Police Department: Phone 911
- (3) Hospital - primary: Plantation General
Phone (305) 587-5010
- (4) Hospital - secondary: Broward General
Phone (305) 355-4400
- (5) Florida Department of Environmental Regulation
S.E. District, 1900 S. Congress Ave., Ste.A,
West Palm Beach, Fl. 33406
Phone (407) 433-2650 Fax 407/433-2666
- (6) Broward Co. Office of Natural Resource Protection
Phone (305) 765-4900

The fire department has been familiarized with the Plan and the facility layout including emergency exits, fire hydrants and fire extinguishers. The fire extinguishers are dry chemical type and rated

for Class A, B, and C fires. The facility layout, (Exhibit A), shows chemical storage areas, the main electrical panel, locations of fire extinguishers, the nearest fire hydrant(s), evacuation routes, and safety gear.

The primary fire-rescue and emergency services units would be responding from Emergency Medical Services, Telephone 911.

The Davie Police Department or the Fire Department will oversee evacuation of the facility.

The hospitals have been informed that the nature of Integrated Resource Recovery operations are such that the hospital should anticipate burns, respiratory irritation due to inhalation of smoke or vapors, asphyxia from toxic gasses, or poisoning from ingestion, inhalation, or absorption of toxic substances.

I. EMERGENCY EQUIPMENT

In accordance with 40 CFR 265.52(e), a current list of Emergency Equipment is maintained at the facility. Exhibit B shows the equipment maintained for emergencies.

J. EMERGENCY RESPONSE - SPILLS AFFECTING WATER

Cherokee Groundwater Services, Inc., of Hollywood, Florida will be the primary contact for emergency response for clean-up of spills on the highway and major spills at the facility.

In compliance with federal law as set forth by EPA and DOT, the following procedures will be followed regarding spills and other unintentional releases (incidents) of products and materials handled by Integrated Resource Recovery, Inc.

For releases at the facility, the Emergency Coordinator will be immediately notified and all available personnel will take action to halt the spill and remove to the extent practicable any dangers to human health and the environment.

The Emergency Coordinator will implement measures described previously in the Contingency Plan.

For information about cleaning up chemical spills, call Chemtrec at 800-424-9300.

To determine if the spill is a reportable incident, contact the Florida Department of Environmental Regulation, West Palm Beach, telephone (407) 433-2650.

Any release into surface or groundwater of a substance designated as hazardous by 40 CFR, part 117, table 117.3, in an amount equal to or greater than the reportable quantity in any 24 hour period must be immediately reported by telephone to the National Response Center of the U.S. Coast Guard at 800-424-8802.

Exhibit C lists substances handled by Integrated Resource Recovery, Inc. The list includes the average quantity on hand and estimated storage period.

K. EMERGENCY RESPONSE - SPILLS NOT AFFECTING WATER

An unintentional release of a hazardous material or hazardous waste during loading, unloading, or transporting, (49 CFR 171.16), must be reported on DOT Form 5800.1 and submitted within 15 days of the incident to the Associate Director for Hazardous Materials Regulation, Department of Transportation, Washington, D.C. 20590.

All spills or discharges of chemicals at Integrated Resource Recovery, Inc., must be reported immediately to the President or Vice President.

L. EMERGENCY RESPONSE - HAZARDOUS WASTE SPILLS

All hazardous wastes at the facility must be stored in drums within the designated hazardous waste drum storage area in order to contain any spillage within the containment wall. In the event of a spill or leak within the storage area or during loading or unloading, the Plant Manager, (Emergency Coordinator), must be notified immediately.

The Emergency Coordinator is responsible for supervising the clean up. Prior to cleaning up the waste, the Emergency Coordinator must identify the health hazards and safety concerns involved and determine whether to consult independent authorities or proceed with the clean up using Company employees.

ANY CLEAN UP OF HAZARDOUS WASTE THAT IS UNDERTAKEN BY OUR EMPLOYEES MUST BE PERFORMED BY OSHA-CERTIFIED EMPLOYEES WHO ARE FAMILIAR WITH THE POTENTIAL HAZARDS, MATERIAL HANDLING, AND SAFE OPERATING PRACTICES APPLICABLE TO THE WASTE.

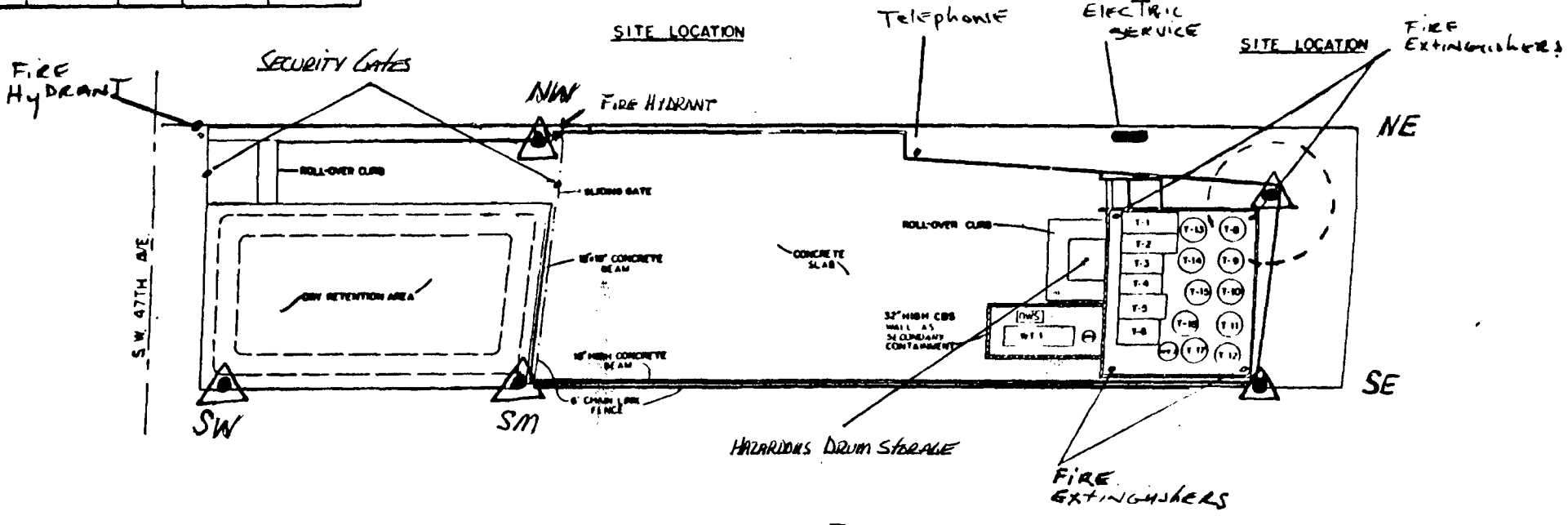
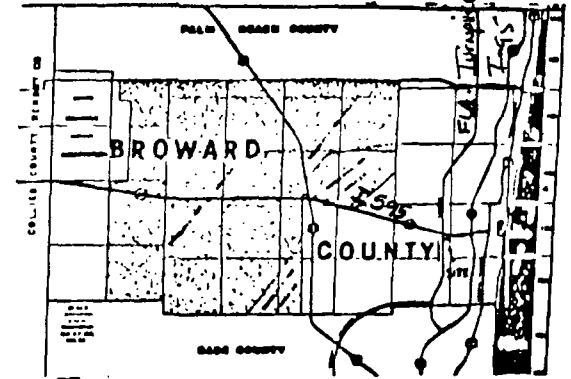
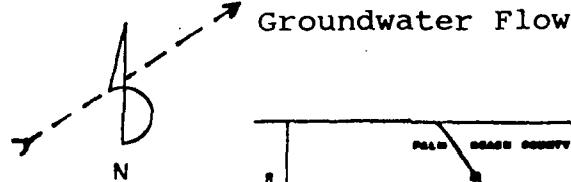
Exhibit E provides a quick reference of the potential hazards, safety concerns, and remediation methods concerning hazardous or potentially harmful wastes or chemicals that are handled by I.R.R. This exhibit must be posted in a conspicuous place at the facility and each plant employee and driver must be made aware of its contents.

Integrated Resource Recovery, Inc.
Groundwater Monitoring Plan
Monitoring Well Sites

Exhibit A

WELL LEGEND

NUMBER	WELL DEPTH	CAPACITY	CONSTRUCTION	SERVICE
T-1	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-2	10' 0" - 12' 0"	5,000	HORIZONTAL	SLURRY
T-3	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-4	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-5	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-6	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-7	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-8	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-9	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-10	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-11	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-12	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-13	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-14	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-15	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-16	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-17	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-18	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-19	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE
T-20	10' 0" - 12' 0"	5,000	HORIZONTAL	PROTECTIVE



▲ Monitoring well

▲ Primary Groundwater Sample Point

IRR	100 S.W. 47TH AVE.
	DAVE, FL 33314
DATE	MMW, P.E.
SITE PLAN	
WRJ	ENVIRONMENTAL ENGINEERS

Florida Department of Environmental Regulation
 DER Form # 17-761.900(2)
 Storage Tank Registration Form

Facility Name: Integrated Resource Recovery, Inc.

Form 17-761.900(2), Lines 9 - 16.

9 Tank No.	10 Tank Size	11 Content Code	12 Install Date	13 Above or Under	14 Construct Code	15 Pipe Code	16 Leak Detection
1	8,000 g.	OILY H2O Z	1/89	A	C,K,M,N,P,R	A,G,L	B,H,M
2	8,000 g.	L	1/89	A	C,K,M,N,P,R	A,G,L	B,H,M
3	6,000 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
4	6,000 g.	L	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
5	10,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
6	10,000 g.	D	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
7	10,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
8	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
9	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
10	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
11	20,000 g.	L	6/87	A	C,K,M,N,P,R	A,G,L	B,H,M
12	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
13	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
14	20,000 g.	OILY H2O Z	3/89	A	C,K,M,N,P,R	A,G,L	B,H,M
15	20,000 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
16	20,000 g.	H2O Z	4/49	A	C,K,M,N,P,R	A,G,L	B,H,M
17	20,000 g.	H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
18	650 g.	OILY H2O Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M
19	2,000 g.	SLUDGE Z	4/89	A	C,K,M,N,P,R	A,G,L	B,H,M

STORAGE TANK REGISTRATION CODES LIST

(#2) FACILITY TYPE CODES

- A. Retail/fuel seller
- B. Residence
- C. Non-retail/fuel user not seller
- D. Inland bulk petroleum storage
- E. Industrial plant
- F. Federal government
- G. State government
- H. Local, city government
- I. County government

- J. Collection station
- K. Bulk chemical storage
- L. Chemical user facility
- M. Agricultural facility
- N. Indian land
- T. Bulk product facility
- V. Marine fueling facility
- Z. Other: _____

(4) County code
 (5) Facility information

(#6) FINANCIAL RESPONSIBILITY CODES

- A. State Program - Third Party Liability/State contractor (FPLIPA, AIG)
- B. State Program - Third Party Liability/Self insurance with other carriers; other federal financial responsibility mechanism.
- C. Other coverage meeting federal financial responsibility requirements.
- D. None

(7) Owner information
 (8) Tank site information
 (9) Tank number
 (10) Tank size

(#11) CONTENT CODES

- A. Leaded gasoline
- B. Unleaded gasoline
- C. Gasohol
- D. Vehicular diesel
- E. Aviation gasoline
- F. Jet Fuel
- G. Diesel; emergency generator
- H. Diesel; generator or pump
- K. Kerosene
- L. Waste oil
- M. Fuel oil; on site heating

- N. Fuel oil; distribution
- O. New/Used oil
- Q. Pesticide
- R. Ammonia compound
- S. Chlorine compound
- T. Hazardous substance
- U. Mineral acid
- V. Bunker 'C' residual oil
- W. Petroleum additive (pollutant)
- Y. Unknown
- Z. Other: _____

(12) Tank installation date
 (13) Tank placement (U or A)

(#14) TANK CONSTRUCTION CODES

- A. Overflow protection - ball check valve
- B. Interior lined or lined bottom steel
- C. Bare, painted, or asphalted steel
- D. Unknown
- E. Fiberglass
- F. Fiberglass-clad steel, composite
- G. Cathodically protected & coated steel, sacrificial anode
- H. Cathodically protected & coated steel, impressed current
- I. Double-walled
- J. Secondary containment, synthetic liner
- K. Secondary containment, concrete

- L. Compartmented
- M. Spill containment
- N. Overflow protection - flow shut off
- O. Overflow protection - tight fill
- P. Impervious berm
- Q. Earth berm
- R. Impervious base
- S. Earth base
- T. Small use tank
- U. Field erected tank
- W. Tank built on supports
- X. Concrete
- Y. Other: _____
- Z. Department approved alternate

(#15) PIPING CONSTRUCTION CODES

- A. Aboveground, not in contact with soil
- B. Galvanized or unprotected metal
- C. Fiberglass
- E. Cathodically protected steel
- F. Double-walled
- G. Secondary containment
- H. Airport hydrant piping

- I. Cation piping system
- J. Pressurized piping system
- K. Dispenser liners
- L. Bulk product piping
- Y. Unknown
- Z. Department approved alternate

(#16) LEAK DETECTION METHODS

- A. Vapor monitoring
- B. Groundwater monitoring
- E. Interstitial monitoring, tank liners
- F. Interstitial monitoring, double-walled tank
- G. Piping in-line leak detectors with automatic shut-off
- H. Piping in-line flow restrictors

- I. Not required, see rule for exemptions
- J. Interstitial monitoring, piping liners
- K. Interstitial monitoring, double-walled piping
- L. Automatic tank gauging system
- M. Manual tank gauging system
- X. None
- Y. Unknown
- Z. Department approved alternate

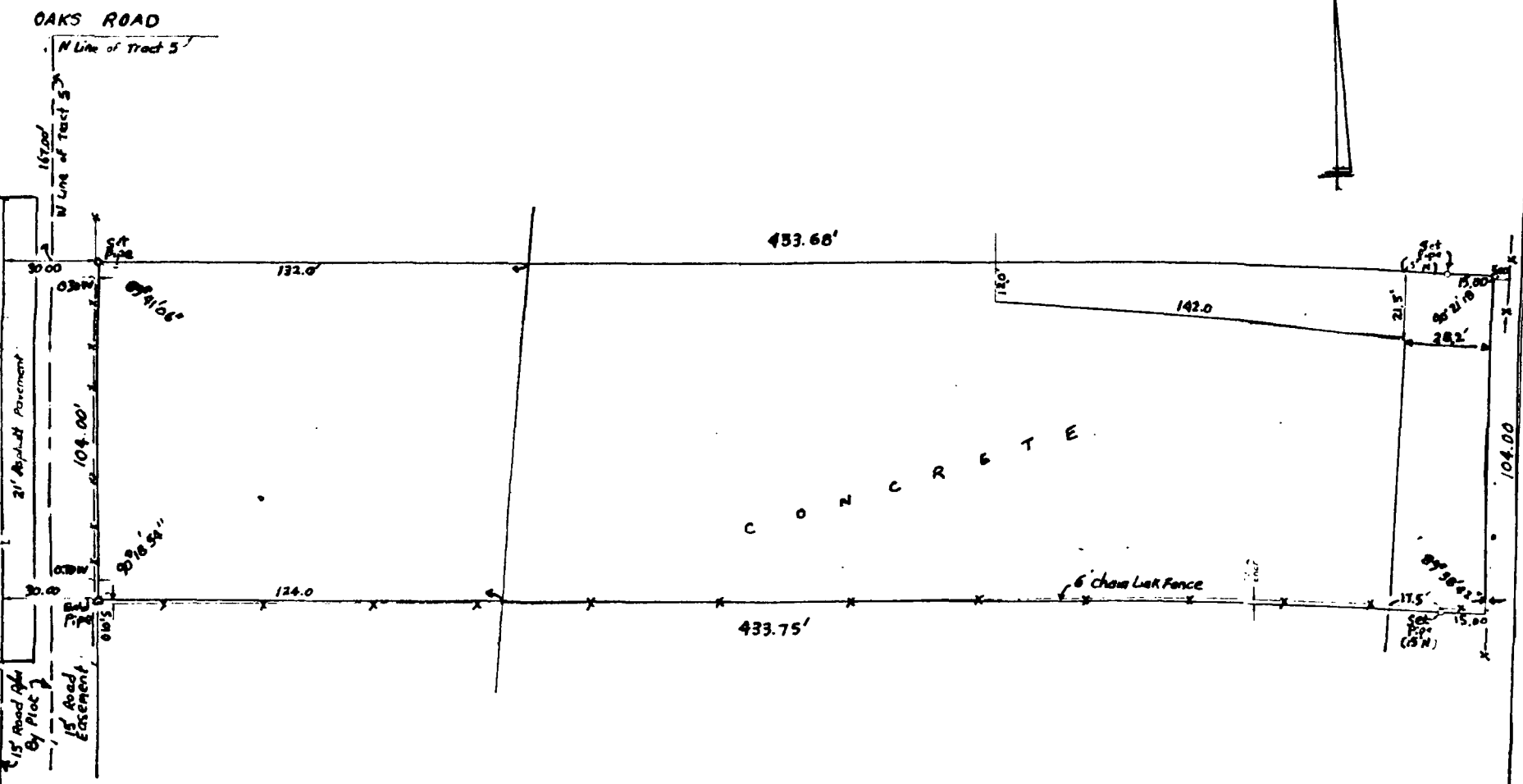
(#17) TANK STATUS/DISPOSAL CODES

- *A. Properly closed in place. Underground tank filled with sand or concrete; aboveground tank properly closed
- *B. Removed from the site. *A or B: Closure Assessment required
- F. Unmaintained storage tank - tank not in use and not properly disposed; or tank discovered abandoned
- T. Temporary out-of-service
- U. In-service

(18) Gallons left
 (19) Status date
 (20) Specialty Contractor



NAME CHANGED TO: INTEGRATED RESOURCE RECOVERY, INC.



LEGAL DESCRIPTION: The South 104.00 feet of the North 271.00 feet of Tract 5, "JOHN W. NEWMAN'S SURVEY" of Section 25, Township 50 South, Range 41 East, as recorded in Plat Book 2, Page 26 of the Public Records of Dade County, Florida; LESS the East 95.00 feet and LESS the West 15.00 feet for road right-of-way. Said lands being in Broward County, Florida and contains 43,620 square feet or 1.035 acres.

CANT UNDER CONST FINAL

NOTES

- 1 Elevations are relative to National Geodetic Vertical Datum of 1929 are shown thus _____
- 2 Scale 1" = 30'
- 3 Benchmark

I hereby certify that I have made a recent survey of the described property, and it is true and correct to the best of my knowledge and belief. I also certify that there are no ground encroachments, unless otherwise noted hereon. I further certify that the survey represented hereon meets the MINIMUM TECHNICAL STANDARDS adopted by the Board of Land Surveyors, pursuant to Section 327 Florida Statutes and the minimum requirements of the F.L.T.A.

This 9th day of May 19 85 A.D.

DALE S HUTCHISON
Reg. Land Surveyor No. 3823
State of Florida

Valid Unless Sealed Drawn by _____ Checked by _____

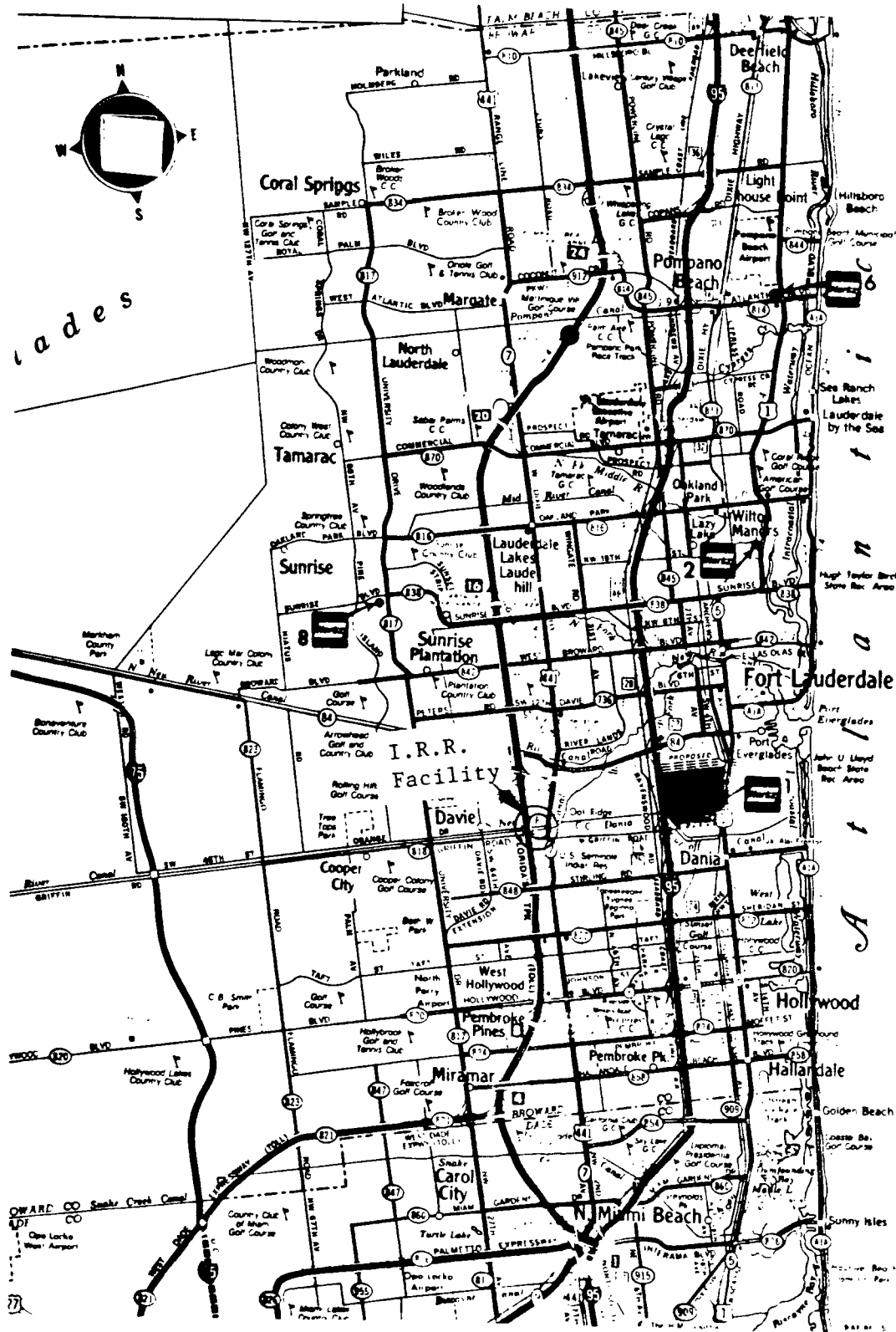


Figure 1 - Location of the IRR facility

EXHIBIT B

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
EMERGENCY EQUIPMENT

	<u>Location</u>	<u>Quantity</u>	<u>Type</u>
Fire Alarm	Facility	1	Horn
Fire extinguishers (Dry chemical type)	Facility (Exh.A)	4	ABC
	Trucks	1 ea	ABC
Gas mask	Facility office	3	Disposable Cartridge
Spill pads	Plant office	2 rolls	Absorbent
Oil Dry	Plant office	6 bags	
17H Open Top Drums	Facility	25-75	17H
Safety suit	Facility	1 doz.	Tyvac Suits
Spill pumps	Facility	3	Elec./Air
First aid kit	Trucks	1 ea	
First aid kit	Facility	1 ea	
Spill clean-up tools	Facility	Various	

EXHIBIT C

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
MATERIALS STORED ON SITE

<u>Product</u>	<u>Storage Days</u>	<u>Average Qty. On Hand</u>
# 5 Industrial Fuel (reclaimed waste oil)	Continuous stock	30,000 gallons
Diesel Fuel	Continuous stock	3,000 gallons
Hydrated lime (water treatment)	1 week	10 bags
Potassium permanganate (water treatment)	Continuous stock	30 gallons
Waste antifreeze	Continuous stock	3,000 gallons
Waste paint thinners	Less than 10 days	5 - 25 drums
Wastewater	Continuous stock	20,000 gallons
Petroleum wastes (hazardous)	Less than 10 days	5 - 30 drums

* Refer to MSDS sheets for additional information on safeguards and hazards regarding this material.

** Refer to laboratory analytical data and cross reference to MSDS sheets for hazardous components of hazardous wastes. Refer to applicable corporate safety policy for further information on product hazard communication. Contact Joseph Fornabio or President.

Integrated Resource Recovery, Inc.
Hazardous Waste Reference

<u>Type of Waste/ Material</u>	<u>Hazardous Ingredients</u>	<u>Hazardous Properties</u>	<u>D.O.T. Hazard Classification</u>	<u>Fire Precautions</u>	<u>First Aid</u>	<u>Protective Equipment</u>
Paint thinners/ terpentine	Alcohol Acetone Esters Ketones Terpentine Petrol. Dist.	Flammable & toxic	Combustible (173.115)	Flash @ 100 Deg. F Avoid vapors. Put out fire with foam, CO2, or dry chemicals. NO SMOKING!	Flush w/ water. Remove contaminated clothes. Do not in- duce vomiting.	Tyvek suits, rubber gloves, goggles, and respiratory mask.
Sludges/ Waste water	Benzene	Flammable, & toxic Suspected carcinogen.	Combustible (173.115)	Flash @ 120 Deg. F Avoid vapors. Put out fire w/ foam, CO2, dry chemical. DO NOT USE WATER! NO SMOKING!	Flush w/ water. Call Doctor if breathing problem is evident.	Rubber gloves. Full facepiece respirator above 10 ppm.
Antifreeze	Ethylene glycol	Toxic	na	Low risk of fire.	Flush w/ water.	Avoid prolonged contact. Use rubber gloves.
Water treatment chemical	Potassium permanganate	Non-toxic	None	Minimal, extin- guish w/ water.	Corrosive to eyes. Flush w/ water.	Rubber gloves, safet glasses.
Water treatment chemical	Lime, (calcium hydroxide)	Eye, lung & skin irritation	Non-hazardous	Incombustible	Flush w/ water.	goggles, rubber gloves, cartridge respirator
Water treatment chemical	ECA 501-3 (Polymer- organic amines, alcohol)	eye, skin & mucous memb- rane irritant	Toxic (5% methanol)	Heating may cause toxic, flammable methanol vapors.	Flush w/ water, Avoid vapors	Goggles, rubber glov cartridge respirator

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
TELEPHONE REPORT OF INCIDENT

Format:

This is (Your Name) of Integrated Resource Recovery, Inc., 3670 S.W. 47th Ave., Davie, Florida.

We have had a (Describe Incident) of (Name Chemical) at (Time).

Minor

We are involved in the process of assessing the quantity involved.

Major

We believe the Contingency Plan for this site must be implemented by (Describe Action Needed: Fire, Evacuation, Ambulance, etc.)

(Describe Injuries, if any).

(Describe possible hazard to human health outside the facility).

(Describe potential impact upon environment).

INTEGRATED RESOURCE RECOVERY, INC.
CONTINGENCY PLAN
LOCAL AUTHORITY ACKNOWLEDGEMENT OF RECEIPT OF CONTINGENCY PLAN

Date

Integrated Resource Recovery, Inc.
4001 S.W. 47th Ave.
Suite 211
Davie, Fl. 33324

RE: Receipt of Contingency Plan

Attention: Emergency Coordinator

Dear Sir:

I have received a copy of the Integrated Resource Recovery, Inc.,
Contingency Plan and have taken the following action:

- _____ I read the Plan and will forward comments later.
_____ I read the Plan and enclose the following comments.
_____ I have read the Plan and have no comments about it.

Very truly yours,

Signature

Title

POST IN A CONSPICUOUS PLACEIntegrated Resource Recovery, Inc.
Contingency Plan

Emergency & Important Telephone Numbers

Fire Department	911
Police	911
Emergency Medical Services	911
U.S. EPA (24 hour hotline)	1-800-424-8802
Environmental Emergency - State	1-904-488-1320
Florida DER, West Palm Beach	(407) 433-2650
Emergency Coordinators:	
John Lennon	(305) 680-8950 home (305) 583-3795 office
Joe Fornabaio	(407) 241-7956 home (305) 583-3795 office
Fire Department - Town of Davie	(305) 797-1090 Administration
Hospital - Plantation General	(305) 587-5010
Hospital - Broward General	(305) 355-4400

For information about cleaning up spills, call Chemtrec at 800-424-9300 or Integrated Resource at 800-771-3795.

To determine if a spill is a reportable incident, call Florida Department of Environmental Regulation, (FDER), West Palm Beach, (407) 433-2650.

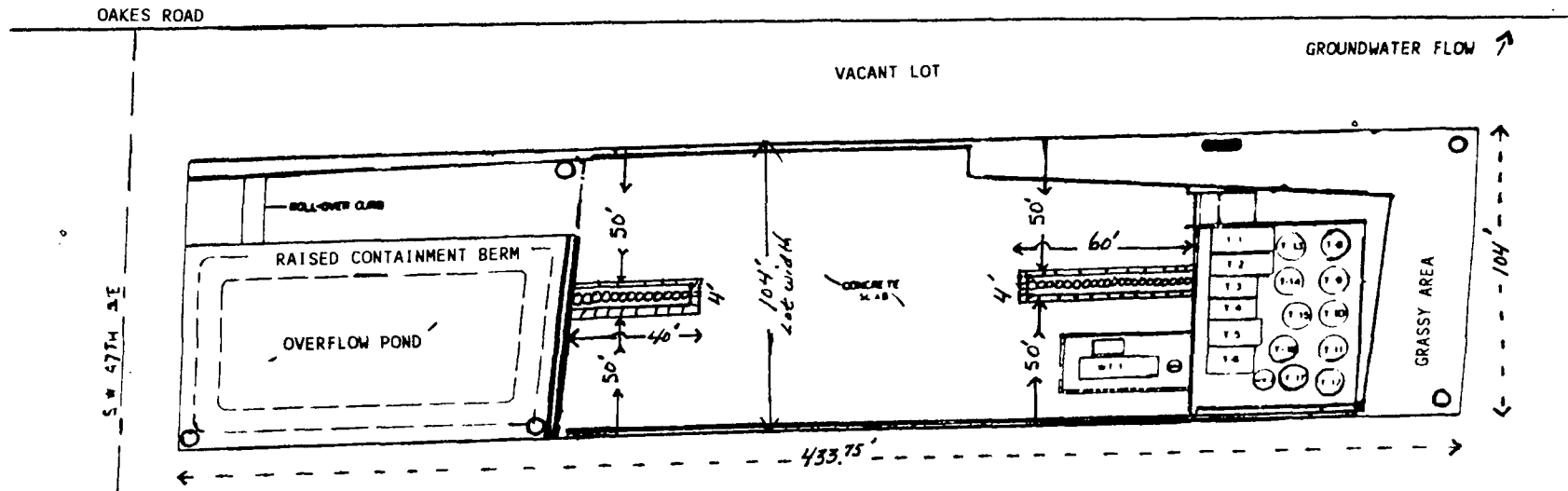
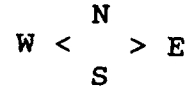
For chemical releases into groundwater, contact FDER and National Response Center of U.S. Coast Guard at 800-424-8802.

Proposed Hazardous Waste Drum Storage Area

Note: As of December 5, 1991, the date of preparation of this schedule, a hazardous waste drum storage area is currently under construction that will provide at least fifty feet of clearance on each side of the drums from the property boundary. The drum storage area will consist of two sections, one located at the east end of the concreted section of the facility and one at the west end of facility on the eastern end of the 32" tank containment wall.

The hazardous waste drum storage areas will be enclosed by an 8" high concrete wall, sealed with a chemical resistant epoxy compound, and protected by concrete pillars. The storage area will set on a concrete floor which is 18" thick. The drum storage area will be further contained by the exterior perimeter containing wall at the facility which is also 18" high. In the event of a spill, no product would leave the facility and the spill contents would be recovered and put back into the drums by I.R.R. personnel.

Each drum is 24" in diameter. The west storage area will be 60' feet in length and hold a maximum of 30 drums. The east storage area will be 40' feet in length and hold a maximum of 20 drums. The facility would hold a maximum of 50 drums of hazardous waste.



(1) NEW HAZARDOUS WASTE DRUM STORAGE AREA

SCALE: 1" = 60'

LEGAL DESCRIPTION: The South 104 feet of the North 271 feet of Tract 5, "JOHN W. NEWMAN'S SURVEY" of Section 25, Townshi. 50 South, Range 41 East, as recorded in Plat Book 2, Page 26 of the Public Records of Dade County, Florida: LESS the East 195 feet and LESS the West 15 feet for road right-of-way. Said lands being in Broward County, Florida and contains 43,620 square feet or 1.035 acres.

Integrated Resource Recovery, Inc.
Hazardous Waste Drum Storage Area
Schedule of Containment Area Capacity

Calculation of Gallons contained by primary containment wall
in the event of a spill:

East Hazardous Waste Drum Storage Area: (Capacity 30 drums)
Wall length = 60'
Wall width = 3' inner dimension
Wall height = 8"
Wall Volume = 60' x 3' x 8" = 120 cu. ft.
Spill Containment = 120 c.f. x 7.5 gal./c.f. = 900 gal.
= 900 gal./55 gal.per drum = 16 drums

West Hazardous Waste Drum Storage Area: (Capacity 20 drums)
Wall length = 40'
Wall width = 3' inner dimension
Wall height = 8"
Wall volume = 40' x 3' x 8" = 80 cu. ft.
Spill containment = 80 c.f. x 7.5 gal./c.f. = 600 gal.
= 600 gal./55 gal.per drum = 11 drums