

Giant Resource Recovery – Sumter, Inc.

755 Industrial Road • Sumter, South Carolina • 29150

TSDF AUDIT INFORMATION

I. GENERAL INFORMATION

1. **Facility Name:** Giant Resource Recovery - Sumter, Inc
2. **Mailing Address:** Post Office Box 1755, Sumter, South Carolina 29151
3. **Physical Address:** 755 Industrial Road, Sumter, South Carolina 29150
4. **Telephone Number:** (803) 773-1400
5. **Facility Contacts:**
 - William Blackburn Jr Vice President & General Manager for GRR
 - Timmy Boyd Facility Manager
 - James Plemons Southeast Commercial Manager
 - Janice Timpson Environmental Health & Safety Manager

5. **EPA ID Number:** SCD036275626

6. **Giant Resource Recovery – Sumter Inc. (GRR - Sumter)** is a fully licensed, permitted hazardous waste recycling, processing and storage facility. The Part B permit was received in 1987 and renewal was received in 2011. The RCRA permit was last modified in 2014 to include Nova Molecular as an operator. A new permit was submitted in 2020 & we are still operating under the existing permit until the new permit is issued. Solid waste, oil processing and oil marketing permits were issued July 1999 and modified as needed or required. The Laboratory was originally certified in October 1996 and is recertified periodically.

GRR-Sumter is a member of the Giant Cement family of companies. This includes Giant Cement in Harleyville, SC; Keystone Cement in Bath PA; GRR-Attalla, our sister fuel blending, solvent recovery facility located in Attalla, AL and Dragon Cement located in Maine. GRR-S also has a solvent distribution, 10 day transfer location in Norcross Georgia. There is a separate 4-acre site in Sumter for rail cars and solvent distribution. Giant Cement Holding located in Summerville, SC is 55% owned by Elementia, S.A.B. de C.V. & 45% by Cementos Portland Valderrivas of Madrid Spain.

7. **Site Historic Use:** Before GRR – Sumter (formerly known as Southeastern Chemical & Solvent Co.) the site was used for farming. Before that (during the 1920 - 1930's), the site was used by a manufacturer of wooden barrels.
8. **Site Location:** GRR - Sumter occupies eight acres of a 18 acre tract in a light industrial area approximately one mile south/southeast of the City of Sumter. Turkey Creek, which is a southward flowing tributary of the Pocotaligo River, borders the site to the east. Sherwin Williams borders the site to the North. Florence Concrete Products, which manufactures pre-stressed concrete products, borders the facility to the south. Industrial Boulevard, the access road to the facility, borders the site to the west.
9. **Floodplain Location:** An eastern portion of the non-operational area within the 18-acre tract is located in the 100 year floodplain.
10. **Traffic Information:** Incoming waste arrives at the facility via Industrial Boulevard. The road entering the facility is constructed of compacted sand clay with asphalt covering. Waste delivery is by tanker, drum truck, drum van, or roll-off container on a daily basis.
11. **Hours of Operation:** The plant operates 24 hours a day, five days a week. Waste is received Monday through Friday from 7am to 11pm.
12. **Site Access Control:** The facility is surrounded by a six-foot high chain link fence with three strands of barbed wire. There are two entry gates: the main gate (north) is controlled via an electronic gate opener and monitored by site personnel and the south gate access, where hazardous waste shipments enter for weighing, is monitored by site personnel. There are three additional gates that remain locked at all times. The site is actively monitored 24 hours a day.
13. **Warning Signs:** Required warning signs are posted at the main gate and along the perimeter of the site. Safety signs are posted at various locations in the plant.

14. Permits	Permit #	Date of Issue
RCRA Part B	SCD036275626	June 1, 2011- Updated 08/01/2014
Solid Waste Processing	432675-2001	July 7, 1999 - Modified 09/28/2005
NPDES (Storm Water)	SCR000000	September 1, 2016
POTW	018 City of Sumter	July 1, 2014
Satellite Sewer System	SSS000000	January 4, 2012
Laboratory Certification	43067001	February 6, 2020
Air permit	2140-0038	June 19, 2012 - Updated 1/29/2015

15. **Contingency Plan:** Fully operational, including arrangements with local authorities and evacuation plans.
16. **Training Programs:** Required Training Programs including HAZWOPER, Right to Know, Spill Response Safety, DOT, etc.

Giant Resource Recovery – Sumter, Inc.

755 Industrial Road • Sumter, South Carolina • 29150

TSDF AUDIT INFORMATION

17. **Inspections:** All equipment, processes and operating areas are inspected on a daily, weekly, and annual basis with appropriate record keeping.
18. **Communication:** Portable radios, telephone, audible alarms, and loudspeakers.
19. **Waste Analysis:** Our full-time chemists and assistants have extensive training in the treatment and recognition of chemical waste. Each inbound shipment is thoroughly tested for specific gravity, water content, heat value, halogen/chlorine, ash content, pH, PCB, compatibility, radioactivity, viscosity and positive identification of each solvent through the use of several gas chromatographs. Depending upon the avenue of handling, the waste is then either recycled for beneficial re-use in industry or mixed with other solvents for use as a source of energy at a cement kiln.

II. STORAGE AND PROCESSING CAPABILITIES

1. **Wastes Accepted (NOTE: Codes are subject to change):**
Permitted Hazardous Waste Codes: See Attached
Non-hazardous, non regulated waste is also accepted.

III. TANK AND DRUM STORAGE AREAS

1. **Description:** Seven areas are permitted as follows:
- **Storage Area 2** currently has five 20,000-gallon bulk tanks, all vertically positioned.
 - **Storage Area 3** holds two 25,000 gallon tanks, both horizontally positioned and mounted on brick saddles on continuous concrete piers.
 - **Storage Area 4** holds two 6,000-gallon tanks, all vertically positioned.
 - **Storage Area 5** is the Drum Storage and Process Area which holds 1294 drums maximum, (55 gallon equivalent) or 71,170 gallons, arranged with the proper aisle spacing. Two Processing tanks with a total capacity of 1,332 gallons
 - **Storage Area 6** is the Drum Storage Area which holds 580 drums maximum, (55 gallon equivalent) or 31,900 gallons, arranged with the proper aisle spacing.
 - **Storage Area 7 BP Series Tanks**—holds four tanks with a total capacity of 80,000 gallons
 - **Non-Hazardous Area** six 30,000 gallon tanks
2. **Physical Details:** The tank storage pads are constructed of a silica fume concrete specifically formulated to be sufficiently impervious to the organic solvents to be stored in the containment area. A continuous curb wall lines the perimeter of these storage areas to provide holding capacity of the largest tank plus a 25 year, 24 hour storm.
- Container Storage Areas 5 and 6 consist of pre-engineered metal building structures that provide weather protection for drum storage on concrete slabs on grade. The grade slab provides secondary containment in the event of a leak or spill.

IV. INSURANCE

The GRR-S facility has Pollution Legal Liability Insurance. Our coverage includes \$10 million each loss. See Attached

**Giant Cement Holding, Inc (GCHI)
And its Subsidiaries**

Environmental Policy

GCHI adopts the goal that it will adhere to sustainable standards of environmental quality, product safety, and to provide a work place that protects the health and safety of our employees, the communities surrounding our facility and the users and consumers of our various products. In furtherance of these goals, our Company policy is:

1. To conduct business activities in a lawful manner that assures compliance with applicable safety, health and environmental rules and regulations.
2. To manufacture and market our products in a manner compliant with applicable safety, health, environmental, and product quality standards.
3. To establish and maintain oversight, including periodic reviews, to assure that our Company's policy is being implemented pursuant to our policies.
4. To continuously review our environmental management systems for compliance and to make and implement modifications as needed.
5. To cooperate with all levels of government and participate in the development of public policies supportive of environmental quality, product safety, and occupational health and safety.
6. To comply with applicable environmental quality, occupational health and safety, and product safety laws and regulations that pertain to business and manufacturing activities.
7. To operate our facility in a manner that protects the health and safety of our employees, individuals in the surrounding communities and other subcontractors who support our business activities.
8. To safeguard our employees' health through training, medical monitoring, providing appropriate protective equipment and adoption of employment standards.

This policy will be administered through line management and applicable corporate management. In order to carry out these objectives specific job descriptions and Environmental Policy has been created, links are below. The policy is available to the public for review upon request. Through the diligence, integrity and the dedicated work of our employees and management, our goal is 100 percent compliance with this policy.



Stephen P. Holt, Director Env. Affairs

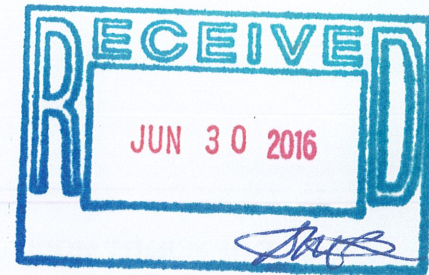
April 15, 2009

Date



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment



OFFICE OF ENVIRONMENTAL QUALITY CONTROL

BUREAU OF LAND AND WASTE MANAGEMENT

HAZARDOUS WASTE PERMIT

Permit Number SCD 036 275 626

Issue Date: June 1, 2011

Effective Date: July 1, 2011

Expiration Date: July 1, 2021

Date Last Modified: June 24, 2016

This Permit is hereby issued to:

Owner/Operator: Giant Resource Recovery - Sumter, Inc. (GRR)

**Facility Address: 755 Industrial Road
Sumter, SC 29150**

Facility Contact: Sheila Buckman

**Mailing Address: P.O. Box 1755
Sumter, SC 29151**

Phone: (803) 773-1400

Operator: Nova Molecular Sumter, LLC
**Mailing Address: 208 South Magnolia Street
Sumter, SC 29150**

Facility Contact: Abraham Zahand
Phone: (803) 778-0264

This Permit is for treatment and storage operations of hazardous waste management units, consisting of waste storage in containers, tanks and a containment building and treatment in a containment building and identification and corrective action for solid waste management units (SWMUs) located at 755 Industrial Road in Sumter, Sumter County, South Carolina. The additional operator, Nova Molecular Sumter, LLC has been named as a joint operator of the following storage tanks (T01): 1741, 1742, 1743, 1746, 1747, 1735A, and 1736A.

This Permit is issued pursuant to Section 44-56-10 et seq. Regulation 61-79 of the 1976 South Carolina Code of Laws, as amended. The authority granted hereunder is subject to the requirements of the aforementioned laws and regulations and the attached conditions.

David M. Scaturo, P.E., P.G. Director
Division of Waste Management
Bureau of Land and Waste Management

This Permit is the property of the Bureau of Land and Waste Management and must be surrendered on demand. This entire page must be posted at all times in a conspicuous place on the premises.



October 30, 2020

Rachel L. Odzer, Manager, Environmental, Health, and Safety Projects
Giant Resource Recovery – Sumter, Inc.
755 Industrial Road
Sumter, South Carolina 29150

RE: Notice of Administrative Completeness
RCRA Permit Renewal Application
Giant Resource Recovery - Sumter, Inc.
SCD 036 275 626, Sumter County

Dear Ms. Odzer,

The Bureau of Land and Waste Management of the South Carolina Department of Health and Environmental Control (DHEC) has completed a review of the RCRA Part A and Part B permit application for the Giant Resource Recovery - Sumter, Inc. (GRR), which was received on October 12, 2020. Based on this review, DHEC has determined that the application is administratively complete with respect to the regulatory requirements of RCRA and the South Carolina Hazardous Waste Management Regulations (SCHWMR) (R.61-79.124.3(c)). DHEC will now begin review to determine if the application is technically adequate with respect to the specific requirements of the SCHWMR.

Please note that DHEC may require additional information or revisions to these documents in the future.

If you have any questions, please contact me at pujaria@dhec.sc.gov or (803) 898-2833.

Sincerely,

Amruta Pujari, Project Manager
RCRA Permitting and Corrective Action Section
Division of Waste Management
Bureau of Land and Waste Management

cc: Mr. Keith Lane, EQC Region 4
Mr. Jeff Herbig, P.E., RCRA Permitting and Corrective Action Section
Bureau File #51218



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

OFFICE OF ENVIRONMENTAL QUALITY CONTROL
BUREAU OF LAND AND WASTE MANAGEMENT
SOLID WASTE PROCESSING FACILITY
FACILITY ID # 432675-2001

Date of Issuance: July 7, 1999 Effective Date of
Date of Modification: September 28, 2005 Modification: September 28, 2005

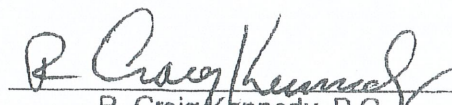
Permission is hereby granted to:

Name of Facility: Giant Resource Recovery – Sumter Processing Facility
Permittee: Giant Resource Recovery – Sumter, Inc.
Address: 755 Industrial Road
Sumter, SC 29150
Supervisor: Karl B. Chandler
Phone: (803) 773-1400

for the operation of a solid waste processing facility, located in Sumter County, on Industrial Road, adjacent to and east of its hazardous waste facility. From US Highway 15, Lafayette Street, turn left onto Fulton Street for approximately 0.20 mile. Turn right onto Industrial Road for approximately 0.20 mile and the entrance to the facility is on the left.

This permit is issued pursuant to Sections 44-96-10 *et seq.* (Supp. 2004) and 25A S.C. Code Regs. 61-107.6 (Supp. 2004). The authority granted hereunder is subject to the requirements of the aforementioned laws and regulations and the attached conditions.


Arthur D. Braswell, Director


R. Craig Kennedy, P.G.,
Assistant Director

Division of Mining and Solid Waste Management
Bureau of Land & Waste Management



S.C. Department of Health and
Environmental Control

**NPDES GENERAL PERMIT
FOR
STORM WATER DISCHARGES
ASSOCIATED
WITH
INDUSTRIAL ACTIVITIES
(EXCEPT CONSTRUCTION)**

In compliance with the provisions of the Clean Water Act (CWA), as amended (33 U.S.C. 1251 *et seq.*) and the South Carolina Pollution Control Act, (S.C. Code 48-1-10, *et seq.*), operators of storm water discharges associated with industrial activity located in South Carolina are authorized to discharge to waters of the State and the United States in accordance with the eligibility and Notice of Intent (NOI) requirements, effluent limitations, inspection requirements, and other conditions set forth in this permit. This permit consists of general requirements that apply to all facilities, found in Parts 1 through 7, and industry-sector-specific requirements, found in Part 8. Appendices (A through K), contain additional permit conditions that apply to all operators covered under this permit.

A handwritten signature in black ink, reading 'Jill C. Stewart', written over a horizontal line.

Jill C. Stewart, P.E., Director
Dam Safety and Stormwater Permitting Division
Bureau of Water

Permit No.: SCR000000

Issued: September 1, 2016

Effective: October 1, 2016

Expires: September 30, 2021

CITY OF SUMTER

WASTEWATER DISCHARGE PERMIT

**TO DISCHARGE WASTEWATER IN ACCORDANCE WITH
THE CITY OF SUMTER PRETREATMENT PROGRAM**

AND

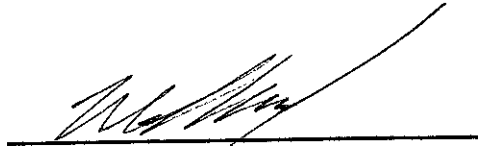
THE SEWER USE ORDINANCE

GIANT RESOURCE RECOVERY-SUMTER, INC.

has been granted permission to discharge wastewater from a facility located at

**755 INDUSTRIAL ROAD
SUMTER, SOUTH CAROLINA**

to the sanitary sewer system of the City of Sumter in accordance with effluent limitations, monitoring requirements and other conditions set forth in Part I and II hereof. This permit is issued in accordance with the provisions of the South Carolina Procedures Manual for a POTW Pretreatment Program submission, and with the provisions of the Federal Clean Water Act (PL-95-217), and the General Pretreatment Regulations for existing and new sources of pollution (40 CFR Part 403), and pursuant to authority contained in Ordinance No. 2716 of the City of Sumter (commonly known as the City of Sumter Sewer Use Ordinance) as the same may from time to time be amended.



**Walt Beard
Director of Utilities - City of Sumter**

ISSUED: March 9, 2022

EXPIRES: March 31, 2023

EFFECTIVE: March 31, 2022

PERMIT NO. 018

OPERATING PERMIT

Satellite Sewer System Operation & Maintenance Requirements

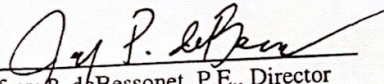
PERMIT #: SSS000000

This operating permit is a general permit and sets requirements for Satellite Sewer Systems under the provisions of R.61-9.610. Coverage under this permit is set by the S.C. Dept. of Health and Environmental Control (DHEC) under R.61-9.610.6(a) for satellite system owners. Exemptions from coverage include components of a satellite system serving a single family dwelling, or a duplex dwelling, or dwellings of the same family on one piece of property. See definitions in R.61-9.

Satellite sewer system means a sewer system that is owned or operated by one person that discharges to a system that is owned or operated by a different person. Satellite sewer systems depend on a separate person for final wastewater treatment and discharge and include systems approved under R.61-9.505.8.

Nothing in this permit supersedes a more stringent requirement that may be imposed by sewer system owners that manage wastewater from satellite systems. This permit does not authorize any discharge from a sewer system to the environment. Such discharges are a violation of the Pollution Control Act (S.C. Code § 48-1-90(a)(2008)). This permit is effective for an owner upon notification by DHEC until a separate notification is provided of permit coverage being revoked, modified or reissued. Owners that already have coverage under the prior permit do not need to notify DHEC. Owner coverage shifts to this permit automatically.

Any noncompliance with the terms, conditions or requirements of this permit constitutes a violation of the Pollution Control Act and is grounds for enforcement action.


Jeffrey P. deBessonnet, P.E., Director
Water Facilities Permitting Division



Issued: January 4, 2012
Expiration: January 4, 2017

1. GENERAL REQUIREMENTS

The requirements to properly operate and maintain satellite sewer systems are the responsibility of the system owner as follows:

- (a) Properly manage, operate, and maintain in good working order at all times all parts of its sewer system(s), as permitted by DHEC, to include maintaining contractual operation agreements to provide services, if appropriate. Adequate access to system components shall be maintained;
- (b) Provide adequate capacity to convey base flows and peak flows for all parts of the sewer system or, if capital improvements are necessary to meet this standard, develop a schedule of short and long term improvements;
- (c) Take all reasonable steps to prevent, stop and mitigate the impact of releases of wastewater to the environment, including but not limited to implementing a written operation/maintenance plan (electronic copy is acceptable). The plan must contain appropriate elements including but not limited to: current system map, schedule for inspections and/or line cleaning, schedule for equipment testing, and methods for addressing system problems (i.e., emergency response methods to include how to repair equipment in a timely fashion and effect needed site clean up and sanitation). Upon request, plans shall be made available for DHEC review.
 - i. Owners newly covered by this permit must implement the operation/maintenance plan within six months of notification of initial permit coverage.
 - ii. Owners covered by the prior permit will update the operation/maintenance plan if needed no later than two months from the issuance of this permit;

- (d) Maintain adequate inventory of spare parts and equipment (or have timely access to such);
 - (e) Maintain a sewer system contact phone number (24 hour) so people can report system problems (e.g., sewer release, missing manholes, vandalism). This number must be provided to any customers of the sewer system, to DHEC, to the immediate downstream sewer system owned by a different entity and posted at pump stations to accomplish a timely response to problems;
 - (f) Keep records of system operation and maintenance activities for three years to document compliance with this permit. Such records must be made available to DHEC staff upon request; and
 - (g) The permittee shall furnish to DHEC, within a reasonable time, any information that DHEC may request to determine whether the permittee has complied with this permit. The permittee shall allow DHEC, EPA or an authorized contractor to inspect at reasonable times sewer system facilities.
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2. PROPOSED PERMIT TRANSFERS

A transfer of this permit coverage based on a proposed or actual change in ownership of the applicable sewer system must be subject to demonstration that the proposed permittee will be a viable wastewater system owner in accordance with R.61-9.600. The owner must notify DHEC in writing 30 days before a proposed change in ownership of a sewer system. Notice should be made via submission of DHEC form 2614. Review of viability for the purpose of a proposed transfer will consider the following:

- (a) If the proposed wastewater system owner does not own other wastewater systems in South Carolina, the demonstration must include the submission of a business plan which demonstrates how the system will be self-sustaining and that the owner has the commitment and capability (financial, managerial, and technical capability) to consistently comply with applicable laws and regulations governing wastewater collection, treatment, and disposal.
- (b) If the proposed wastewater system is connecting to an existing system where the ownership will be the same (proposed and existing system having the same owner), this demonstration is not required.
- (c) If the proposed wastewater system owner already owns other wastewater systems in South Carolina, DHEC may consider financial and managerial information related to the owner's other wastewater system operations in the state.

3. REPORTING OF SEWER SYSTEM RELEASES

The sewer system owner (or applicable representative) must notify DHEC as soon as possible, but no later than within 24 hours (orally or electronically) upon discovery whenever any release:

- (a) reaches the surface waters of the state, or
- (b) poses a threat to human health or the environment, or
- (c) exceeds an estimated 500 gallons.

A known release that does not meet the threshold above should be documented in the owner's records. When investigating a potential release due to a problem with a pump station, the investigation should include an evaluation of upstream manholes. During normal working hours oral notifications should be made to the numbers in the table.



Healthy People. Healthy Communities.

S.C. Department of Health and
Environmental Control

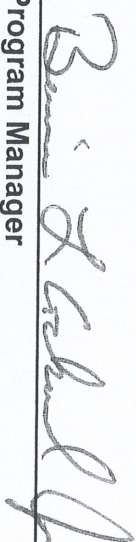
Environmental Laboratory Certification Program

In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"

**GIANT RESOURCE RECOVERY SUMTER INC
755 INDUSTRIAL RD
SUMTER, SOUTH CAROLINA 29150**

is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DHEC and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).

Laboratory Director: PAMELA SCARBOROUGH
Certifying Authority: SC
Date of Issue: September 04, 2019
Date of Expiration: October 01, 2022
Certificate Number: 43067001



Program Manager

Office of Environmental Laboratory Certification



W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

Office of Environmental Quality Control

Bureau of Air Quality

State Operating Permit

Giant Resource Recovery – Sumter, Inc.

755 Industrial Road

Sumter, SC 29150

(Permit Updated 1/29/15)

Pursuant to the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), the 1976 *Code of Laws of South Carolina*, as amended, and *South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards*, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the construction permit applications, and the operating permit request received on July 29, 2014 and June 16, 2010, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

	Permit Number:	2140-0038	
Issue Date:	June 19, 2012	Expiration Date:	May 31, 2022

Director, Engineering Services Division
Bureau of Air Quality



Giant Resource Recovery, Inc.

Giant Resource Recovery - Sumter, Inc. / 755 Industrial Rd., Sumter, SC 29151
(803) 773-1400 / Fax (803) 773-1400 / 888-Grr-GCHI www.giantresourcerecovery.com

RE: INSURANCE COVERAGE – Giant Resource Recovery-Sumter, Inc (GRR)

To Whom it May Concern:

Please be advised that Giant Resource Recovery-Sumter, Inc. works with insurance brokers to maintain a comprehensive property and casualty insurance program utilizing insurance markets in the United States. We maintain coverage for general, automobile, worker's compensation, environmental sites, excess and damage to our property. Our limits and retentions are consistent with a company of GRR's relative size.

Questions pertaining to this letter of insurance coverage can be directed to my attention.

Sincerely,

James Plemons
Sumter Sales Manager
jplemons@gchi.com

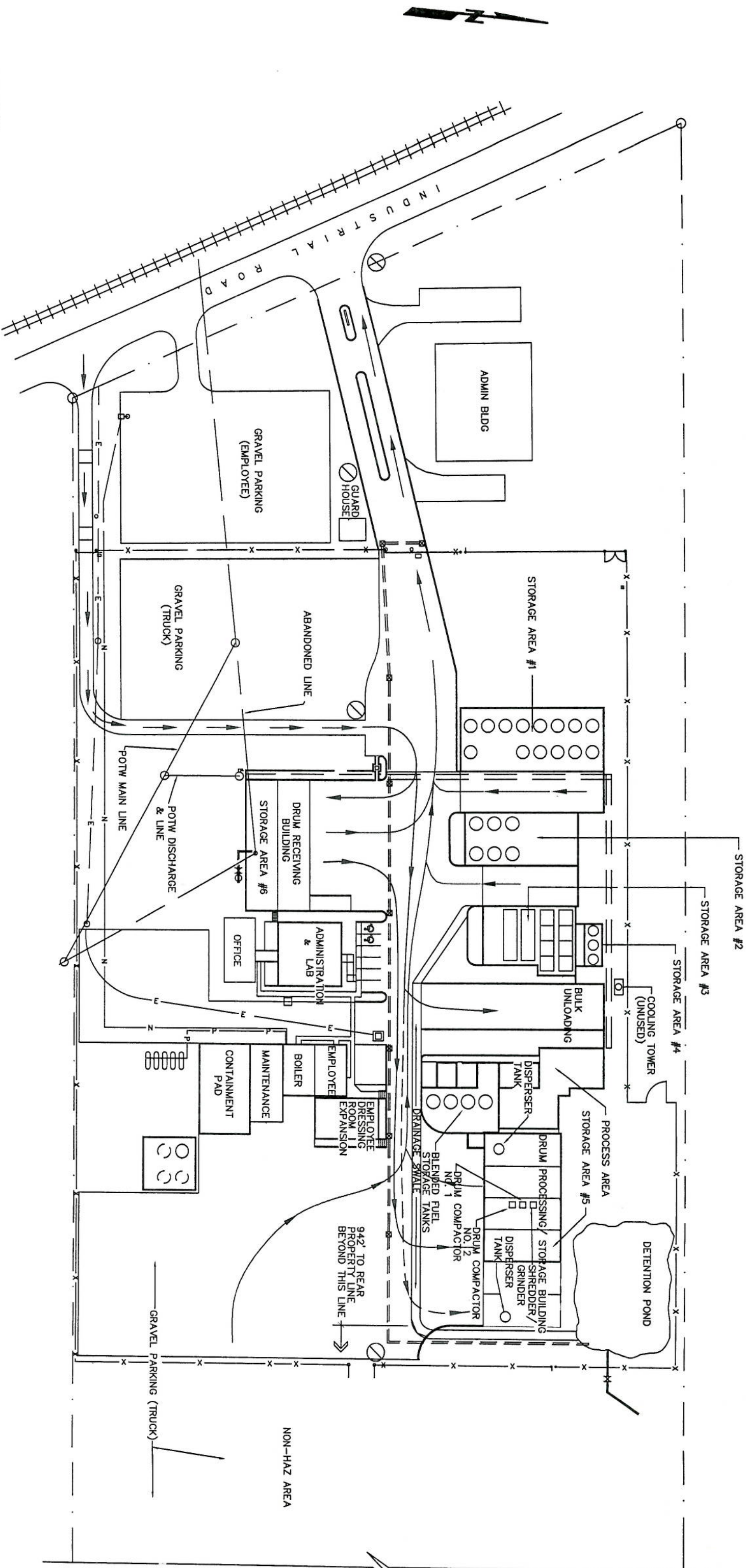


Waste Code	Description	Code Status
D001	Characteristic Ignitable	Primary
D002	Characteristic Corrosive	Secondary
D004	Arsenic	Permitted
D005	Barium	Permitted
D006	Cadmium	Permitted
D007	Chromium	Permitted
D008	Lead	Permitted
D009	Mercury	Permitted
D010	Selenium	Permitted
D011	Silver	Permitted
D012	Endrin	Permitted
D013	Lindane	Permitted
D014	Methoxychlor	Permitted
D015	Toxaphene	Permitted
D016	2,4-D	Permitted
D017	2,4-TP	Permitted
D018	Benzene	Permitted
D019	Carbon Tetrachloride	Permitted
D020	Chlordane	Permitted
D021	Chlorobenzene	Permitted
D022	Chloroform	Permitted
D023	o-Cresol	Permitted
D024	m-Cresol	Permitted
D025	p-Cresol	Permitted
D026	Cresol	Permitted
D027	1,4-Dichlorobenzene	Permitted
D028	1,2-Dichloroethane	Permitted
D029	1,1-Dichloroethylene	Permitted
D030	2,4-Dinitrotoluene	Permitted
D031	Heptachlor (and its epoxide)	Permitted
D032	Hexachlorobenzene	Permitted
D033	Hexachlorobutadiene	Permitted
D034	Hexachloroethane	Permitted
D035	Methyl Ethyl Ketone	Permitted
D036	Nitrobenzene	Permitted
D037	Pentachlorophenol	Permitted
D038	Pyridene	Permitted
D039	Tetrachloroethylene	Permitted
D040	Trichloroethylene	Permitted
D041	2,4,5-Trichlorophenol	Permitted
D042	2,4,6-Trichlorophenol	Permitted
D043	Vinyl Chloride	Permitted
F001	The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Primary
F002	The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Primary
F003	The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Primary
F004	The following spent non-halogenated solvents: Cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Primary

F005	The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Primary
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow. Sludges generated in storm water units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are exempted from this listing	Primary
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.	Primary
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.	Primary
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.	Primary
K083	Distillation bottoms from aniline production.	Secondary
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.	Secondary
K169	Crude oil storage tank sediment from petroleum refining operations.	Secondary
K170	Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.	Secondary
U002	2-Propanone (Acetone)	Primary
U019	Benzene	Secondary
U031	1-Butanol (Butyl Alcohol)	Primary
U037	Chlorobenzene	Secondary
U043	Vinyl Chloride	Primary
U044	Chloroform	Secondary
U052	Cresol (Cresylic Acid)	Primary
U057	Cyclohexanone	Primary
U070	Ortho-Dichlorobenzene	Secondary
U072	Para-Dichlorobenzene	Secondary
U075	Dichlorodifluoromethane (Incineration only)	Secondary
U077	1,2 Dichloroethane	Primary
U078	1,1 Dichloroethylene	Primary
U080	Methylene Chloride	Primary
U105	2,4 Dinitrotoluene	Secondary
U112	Ethyl Acetate	Primary
U117	Ethyl Ether	Primary
U121	Trichlorofluoromethane	Secondary
U122	Formaldehyde	Secondary
U127	Hexachlorobenzene	Secondary
U128	Hexachlorobutadiene	Secondary
U131	Hexachloroethane	Secondary
U140	Isobutyl Alcohol	Primary
U154	Methyl Alcohol. Methanol	Primary
U159	2-Butanone. Methyl Ethyl Ketone	Primary
U161	Methyl Isobutyl Ketone	Primary
U165	Naphthalene	Primary
U169	Nitrobenzene	Primary
U171	4 Nitro Phenol	Primary
U196	Pyridine	Primary
U210	Tetrachloroethylene	Primary
U211	Carbon Tetrachloride	Secondary
U220	Toluene	Primary
U226	1,1,1-Trichloroethane	Primary
U227	1,1,2-Trichloroethane	Primary
U228	Trichloroethylene	Primary
U239	Xylene	Primary
U359	Ethylene Glycol Monoethyl Ether	Primary

Site History

Activity	Site Owner	Year Activity Initiated	Year Activity Suspended
Fuel Blending and Solvent Recovery	GRR!- Sumter/Southeastern Chemical-Giant Cement Holding, Inc.	1999	Ongoing as of 1999
Fuel Blending and Solvent Recovery	Southeastern Chemical - TBN Holdings	1995	1999
Fuel Blending and Solvent Recovery	Southeastern Chemical (Rumph)	1968	1995
Dormant/Agriculture	Unknown	1945	1968
Wooden Barrel manufacturing	Brooklyn Cooperage	1927	1945
Undeveloped / Agriculture	Unknown	---	1927



LEGEND

- P — PROpane GAS
- E — ELECTRICAL
- N — NATURAL GAS
- == STORM DRAIN
- PROPERTY LINE
- MUNICIPAL SEWER MAIN
- INCOMING
- - - - - POSSIBLE INCOMING
- - - - - OUTBOUND
- ⊘ STOP SIGN

Giant Resource Recovery - Sumter, Inc.

755 Industrial Road, Sumter, S.C. 29150

ON-SITE

TRAFFIC PATTERN

Size

Approximate Scale

B

1" = 100'

Drawing No.

101122 GRR SUM B-2 ON-SITE TRAFFIC PATTERN

Drawn By:

ARL

11/22/10

Checked By:

WCH

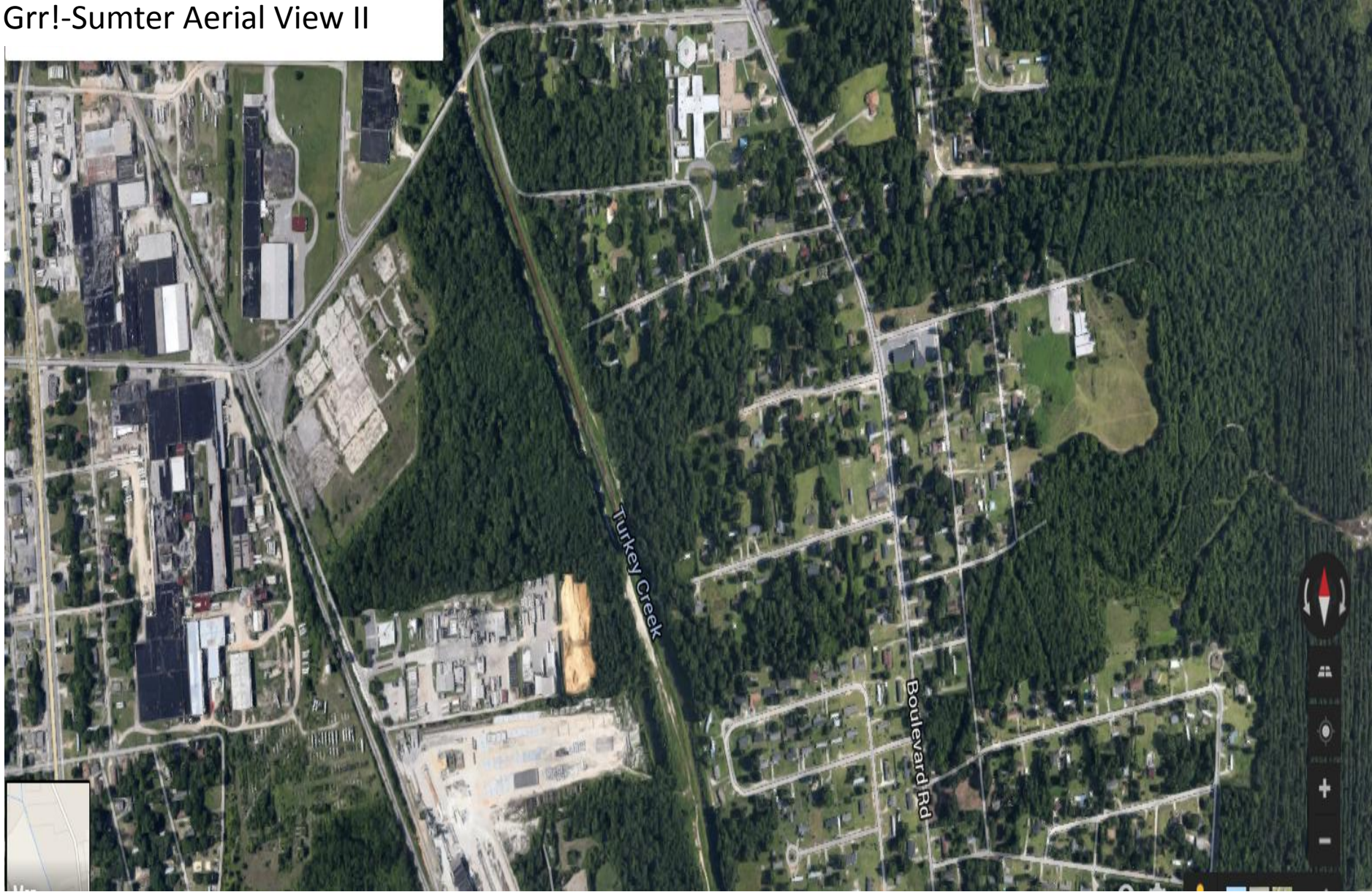
11/22/10

Aerial View of Giant Resource Recovery-Sumter, Inc.



Taken from Google Maps

Grr!-Sumter Aerial View II



Taken from Google Maps

Giant Cement Holding, Inc. – Corporate Structure

