Attachment 07

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFD 1910 180 Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No 1218-0072

IDENTITY *(As Used on Label and Use)*
Poultry Protein

Note: Blank are not permitted. If any items not applicable, or no information is available, the space must be marked to indicate that.

Section I – Company Identification

Manufacturer's Name Green Recovery Technologies, LLC	Emergency Telephone Number 302.691.7468
Address (Number, Street, City, State and Zip Code) 42 Lukens Drive, Suite 100	Telephone Number for Information 302.691.7458
New Castle, DE 19720	Date Prepared 01.08.2015
	Signature of Preparer *(optional)*

Section II – Hazardous Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS Nr	ONU Nr	Other Limits Recommended	% (Optional)
Hazardous Components - Contains no Hazardous Components as described in the Hazard Communication Standard				
Substance – Extracted poultry protein				
Trade Names – Chicken Meal, Poultry Meal				
Chemical Family: N/A				
Molecular Formula: N/A				
Molecular Weight: N/A				
Components and Contaminants				
Components: Poultry protein, fiber, ash, moisture, fat Percent: 100%				
Other Contaminants: None				
Exposure Limits: N/A				

Section III a – Identity Information of Product

Commercial Name Poultry Protein	Chemical Name or Code N/A
Chemical Family N/A	Chemical Formula N/A
Synonyms Chicken Meal, Poultry Meal	CAS N/A

Section III b – Physical / Chemical Characteristics

Boiling Point	Decomposes	Specific Gravity (H2O = 1)	0.5
Vapor Pressure (mm Hg.)	N/A	Melting Point	Decomposes
Vapor Density (AIR =1)	N/A	Evaporation Rate (Butyl Acetate = 1)	0

Solubility in Water
Insoluble

Appearance and Odor
Pale tan solid powder, characteristic odor of domesticated pet food

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 460F	Flammable Limits N/A	LEL N/A	UEL N/A

Extinguishing Media
Type A or B

Special Fire Fighting Procedures
None

Unusual Fire and Explosion Hazards
Dust accumulation in enclosed space may present explosion hazard

Attachment 07

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable Stable		Keep away from strong oxidizers

Incompatibility *(Materials to Avoid)*
Keep away from strong oxidizers

Hazardous Decomposition or Byproducts
None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not May Occur Will not occur		None

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation Possible	Skin and Eye N/A	Ingestion N/A

Health Hazards *(Acute and Chronic)*
N/A

Carcinogenicity	NTP?	IARC Monographs	OSHA Regulated?
N/A	N/A	N/A	N/A

Signs and Symptoms of Exposure
For skin and eye exposure, redness at the contact site may occur. For inhalation and ingestion, nausea and difficulty breathing may occur.

Medical Conditions Generally Aggravated by Exposure
Asthma, Respiratory Disease.

Emergency and First Aid Procedures
For skin contact, wash thoroughly with soap and water. For eye contact, flush thoroughly with water. For ingestion or inhalation, seek medical attention immediately.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled
Sweep up spilled material and wash down affected area with soap and water.

Waste Disposal Method
Dispose of in sanitary landfill.

Precautions to Be Taken in Handling and Storing
Do not store near open flame or excessive heat.

Other Precautions
Keep away from strong oxidizers.

Section VIII – Control Measures

Respiratory Protection *(Specify Type)*
Standard dust protection for particle sizes as small as 200 micron

Ventilation	Local Exhaust N/A	Special N/A
	Mechanical *(General)* N/A	Other Ventilate enclosed spaces before entering

Protective Gloves Standard	Eye Protection Standard

Other Protective Clothing or Equipment
Standard

Work/Hygienic Practices
Standard

U.S.G.P.O. 1988-491-529/45775

Attachment 09

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFD 1910 180 Standard must be consulted for specific requirements

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No 1218-0072

IDENTITY *(As Used on Label and Use)*	*Note: Blank are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*
Poultry Fat	

Section I – Company Identification

Manufacturer's Name Green Recovery Technologies, LLC	Emergency Telephone Number 302.547.8709
Address (Number, Street, City, State and Zip Code) 42 Lukens Drive, Suite 100	Telephone Number for Information 302.691.7458
New Castle, DE 19720	Date Prepared 01.08.2015
	Signature of Preparer *(optional)*

Section II – Hazardous Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS Nr	ONU Nr	Other Limits Recommended	% (Optional)
Hazardous Components - Contains no hazardous components				
Substance – Extracted poultry fat				
Trade Names – Chicken Fat				
Chemical Family: Glycerol Ester of C16-C18 fatty acids				
Molecular Formula: Glycerol Ester of C16-C18 fatty acids				
Molecular Weight: N/A				
Components and Contaminants:				
Components: Triglycerides Percent: 100%				
Other Contaminants: None				
Exposure Limits: N/A				

Section III a – Identity Information of Product

Commercial Name Poultry Fat	Chemical Name or Code N/A
Chemical Family N/A	Chemical Formula N/A
Synonyms Chicken Fat	CAS N/A

Section III b – Physical / Chemical Characteristics

Boiling Point	Decomposes	Specific Gravity (H2O = 1)	0.84
Vapor Pressure (mm Hg.)	Not Applicable	Melting Point	Decomposes
Vapor Density (AIR =1)	Not Applicable	Evaporation Rate (Butyl Acetate = 1)	0

Solubility in Water
Insoluble

Appearance and Odor
Liquid format at room temperature, dark brown in color, characteristic odor of domesticated pet food

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
460F	N/A	N/A	N/A

Extinguishing Media
Type B

Special Fire Fighting Procedures
Treat as oil or grease fire, avoid cold water

Unusual Fire and Explosion Hazards
None

Section V – Reactivity Data

Stability			
	Unstable		Conditions to Avoid
	Stable Stable		None

Incompatibility *(Materials to Avoid)*
Strong oxidizers, acid, & alkalis

Hazardous Decomposition or Byproducts
CO2, CO

Hazardous Polymerization			
	May Occur		Conditions to Avoid
	Will Not May Occur Will not occur		None

Section VI – Health Hazard Data

Route(s) of Entry: N/A	Inhalation N/A	Skin and Eye Possible	Ingestion Possible

Health Hazards *(Acute and Chronic)*
N/A

Carcinogenicity	NTP?	IARC Monographs	OSHA Regulated?
N/A	N/A	N/A	N/A

Signs and Symptoms of Exposure
N/A

Medical Conditions Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures
For skin contact, wash thoroughly with soap and water. For eye contact, flush thoroughly with water. For ingestion, do not induce vomiting. Drink water and seek medical attention immediately.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled
Absorb spilled fat with oil absorbent pads/granules. Sweep up material. Wash down area with detergent and hot water.

Waste Disposal Method
Dispose of in sanitary landfill.

Precautions to Be Taken in Handling and Storing
Do not store near open flame or excessive heat.

Other Precautions
Keep away from strong oxidizers, acid, & alkalis

Section VIII – Control Measures

Respiratory Protection *(Specify Type)*
None

Ventilation		
	Local Exhaust N/A	Special N/A
N/A	Mechanical *(General)* N/A	Other N/A

Protective Gloves	Eye Protection
Standard	Standard

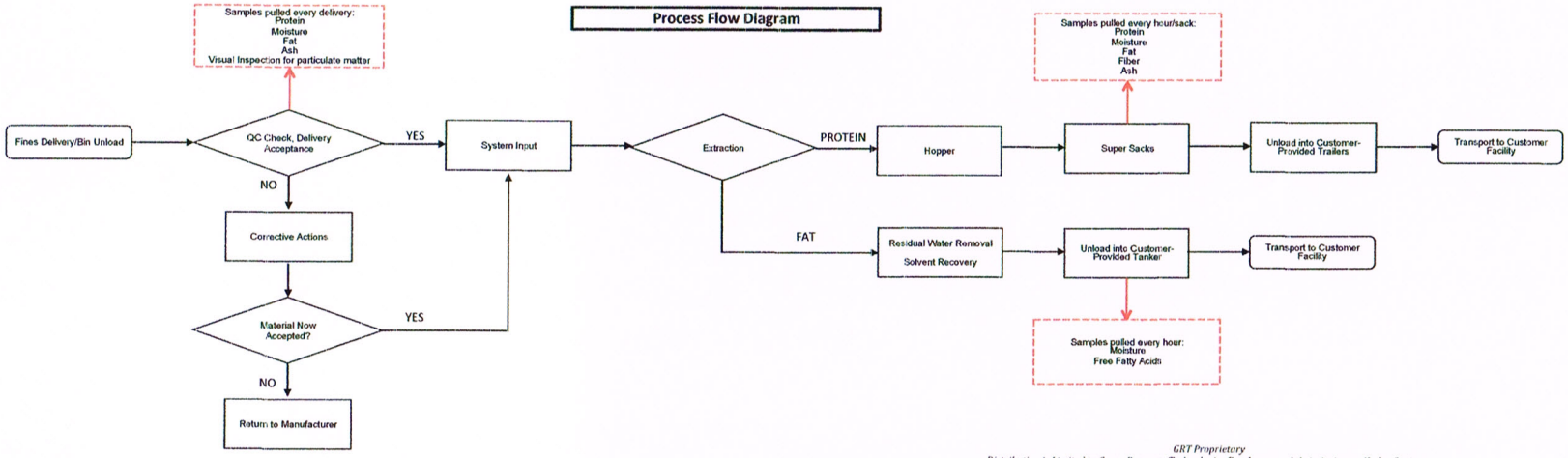
Other Protective Clothing or Equipment
Standard

Work/Hygienic Practices
Standard

U.S.G.P.O. 1988-491-529/45775

Attachment 09

Process Flow Diagram



GRT Proprietary

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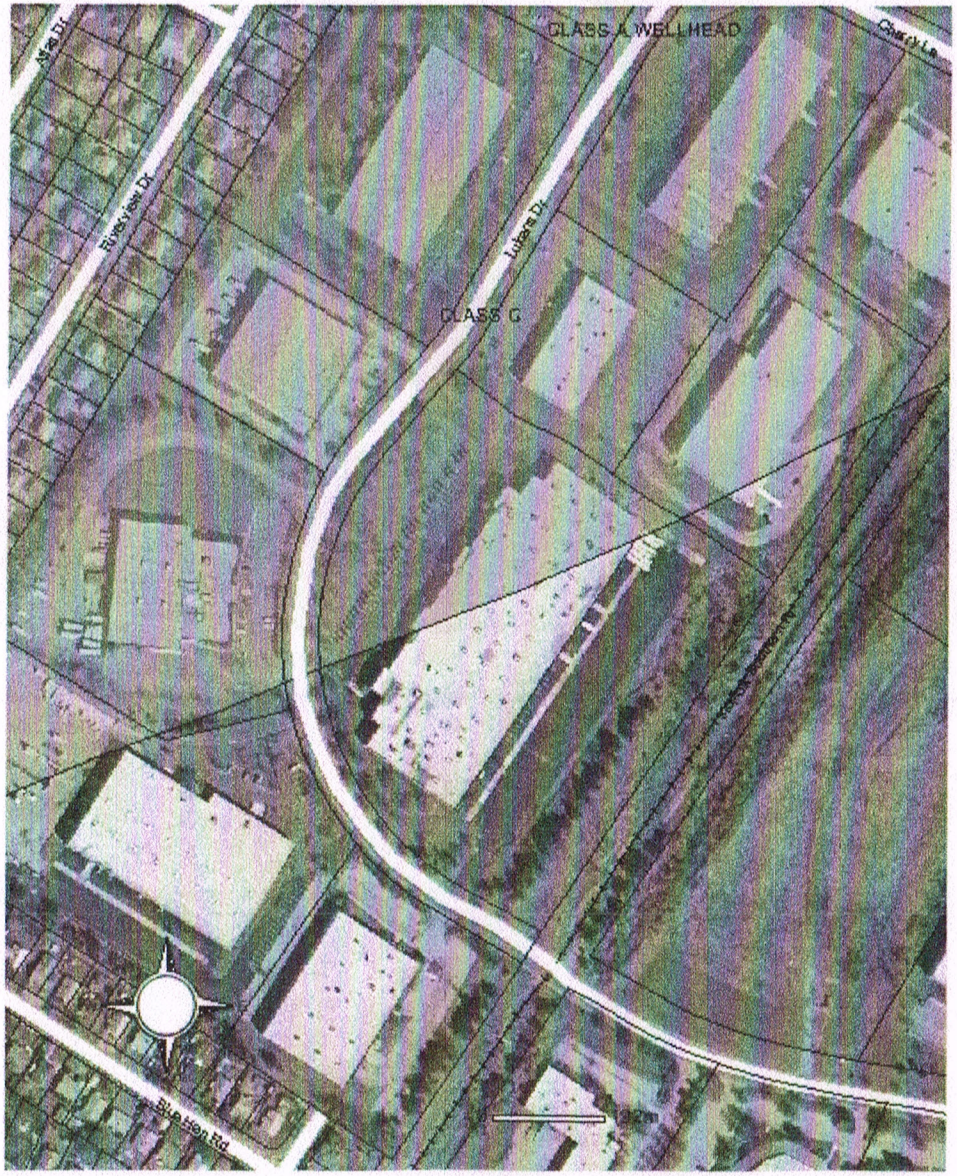
	Attachment 10: EQUIPMENT LIST			
SERVICE	DESCRIPTION	VENDOR	QTY	UOM
AIR	Dust Collector and stand	Flexicon	1	EA.
AIR	Knife Gate	ACS	1	EA.
AIR	Back up GENERATOR for Class 1/Div. 2 HVAC	Generac	1	EA.
AIR	Fan, Roof Mounted	Twin City (Heaven)	4	EA.
AIR	Duct Damper, Normally Open- fuseable link	Dayton	4	EA.
AIR	HVAC System for ventilation of class area	East Coast	1	LOT
AIR	Emergency Ventilation Break Glass Switch	Quantum	2	EA.
CONDENSATE	Boiler pre-treatment equipment, including feed tank, pumps, water softening, etc. pre-skidded and prepiped	Chesapeake Systems	1	LOT
CONDENSATE	Gas Heater	Amstel	1	EA.
CONTROLS	Motor Control Center	Quantum	1	LOT
COOLING	Recirculation Tank	Buckeye	1	EA.
COOLING	Chiller	GRT-Supplied	1	EA.
COOLING	Pump, centrifugal Distribution	Armstrong	1	EA.
COOLING	Pump, centrifugal Recirculation	Armstrong	1	EA.
COOLING	Pump, centrifugal	Armstrong	1	EA.
COOLING	Cooling Tower	Marley	1	EA.
INSTRUMENT AIR	Air Compressor Package w/sound enclosure	Kaeser	1	EA.
INSTRUMENT AIR	Air Receiver	Kaeser	1	EA.
INSTRUMENT AIR	Desiccant Dryer	Kaeser	1	ea.
MISC.	Misc. Piping, air lines etc.	LT Law	1	LOT
NITROGEN	Nitrogen Generator	GRT-Supplied		
NITROGEN	Pressure Relief tank - pressure vessel	Buckeye	1	EA.
NITROGEN	N2 Holding Tank,valves,regulators etc.	Kaeser	2	lot
PROCESS	Process skids (2) stacked	KMPS	1	EA.
PROCESS	Super Sack Unloader Station w/ flexers and 50 cu ft. hopper	Flexicon	1	EA.
PROCESS	Lumpbreaker	Jersey Crushers	1	EA.
PROCESS	Transition to Seepex Pump with N2 purge	BJ Sheetmetal	1	EA.
PROCESS	Inline Metal Detector, 43" Display, SS NEMA 4X	Fortress Phantom	1	EA.
PROCESS	Progressive Cavity Pump	Seepex	1	EA.
PROCESS	3" SS removable piping	Grainger	1	LOT
PROCESS	Super Sack Filling Station w/scale	Taylor	1	EA.
PROCESS	Hopper w/screener	BJ Sheetmetal	1	EA.
PROCESS	Rotary Valve	ACS	1	EA.
PROCESS	Manual Slide Gate w/limit switches	ACS	1	EA.
PROCESS	flexible fill hose, 3/4" diameter, Special Caps for totes	Grainger	2	EA.
PROCESS	(2) ISO tote Load Station w/scale	Force Flow	2	EA.
PROCESS	Piping to Disengaging tank	LT Law	1	LOT
PROCESS	Convey Lines to Distillation tower from skids	LT Law	1	EA.
PROCESS	Control Room	Lighthouse	1	EA.
PROCESS	Air Separator	Armstrong	1	EA.
STEAM	Boiler	Cleaver-Brooks	1	EA.
STEAM	Burner, Fan	Amstel	1	EA.

Attachment 11

lukens



Legend

Major Roads
- Ramp, Service Area
- US Highway
- State Route
- Interstate
- Tax Parcels

Public and Private Schools
- PRIVATE
- PUBLIC

Streets and Roads
- Interstate
- U.S. Route
- State Route
- County Roads
- neighborhood
- Private
- Service
- Interstate ramps
- Incorporated
- Railroad
- Water Resources

Aerial Photos
- Surface Water
- Adjacent Counties

Adjacent States
- Delaware
- Other

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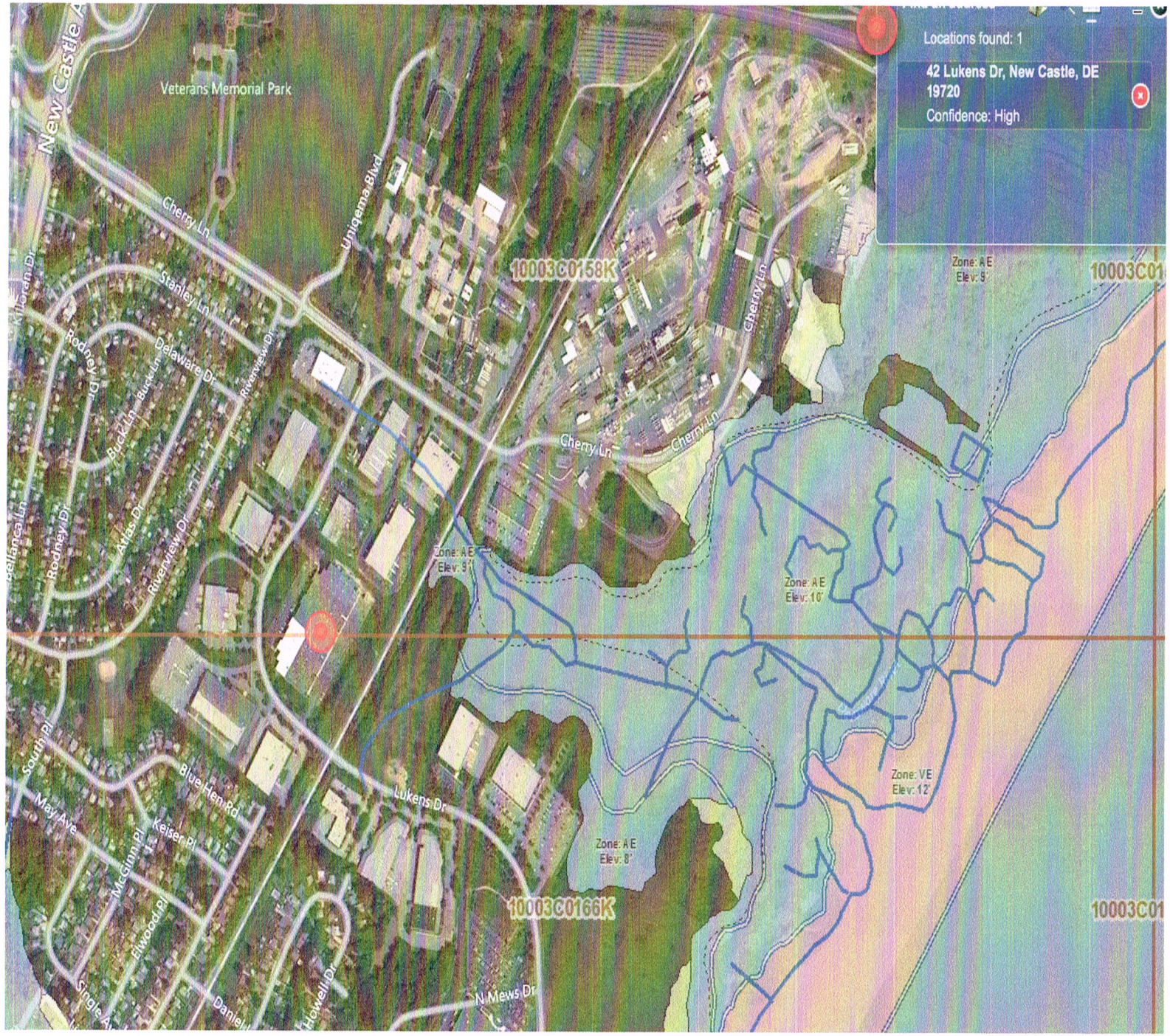
Attachment 11



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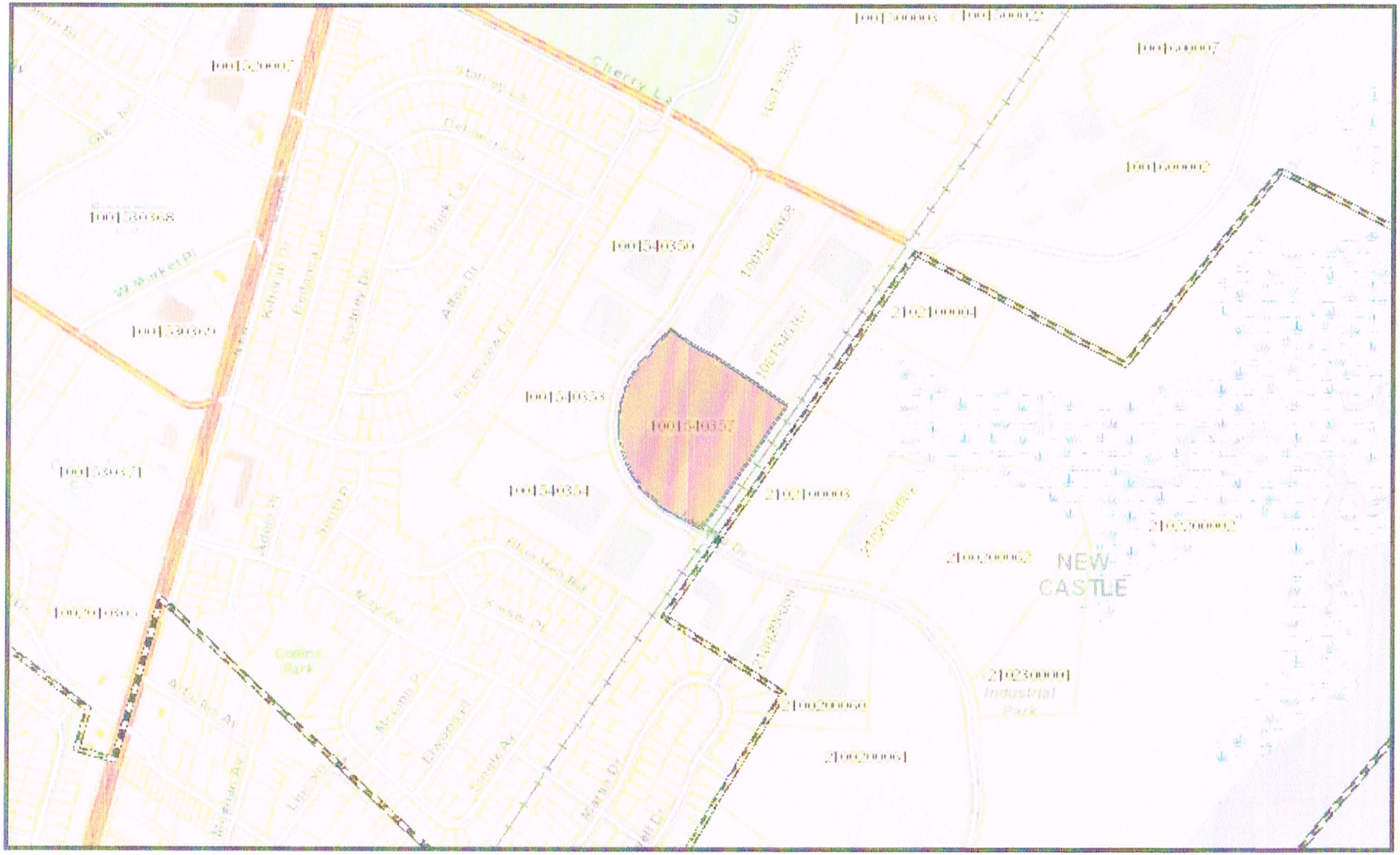

42 Lukens Drive, New Castle, DE (Tax Parcel #1001540357)

Author: NCC GIS Map Viewer

N
W E
S

Date: 2/5/2015

New Castle County Delaware GIS: http://gis.nccde.org

Disclaimer: For informational purposes only - not to be used as official documentation.

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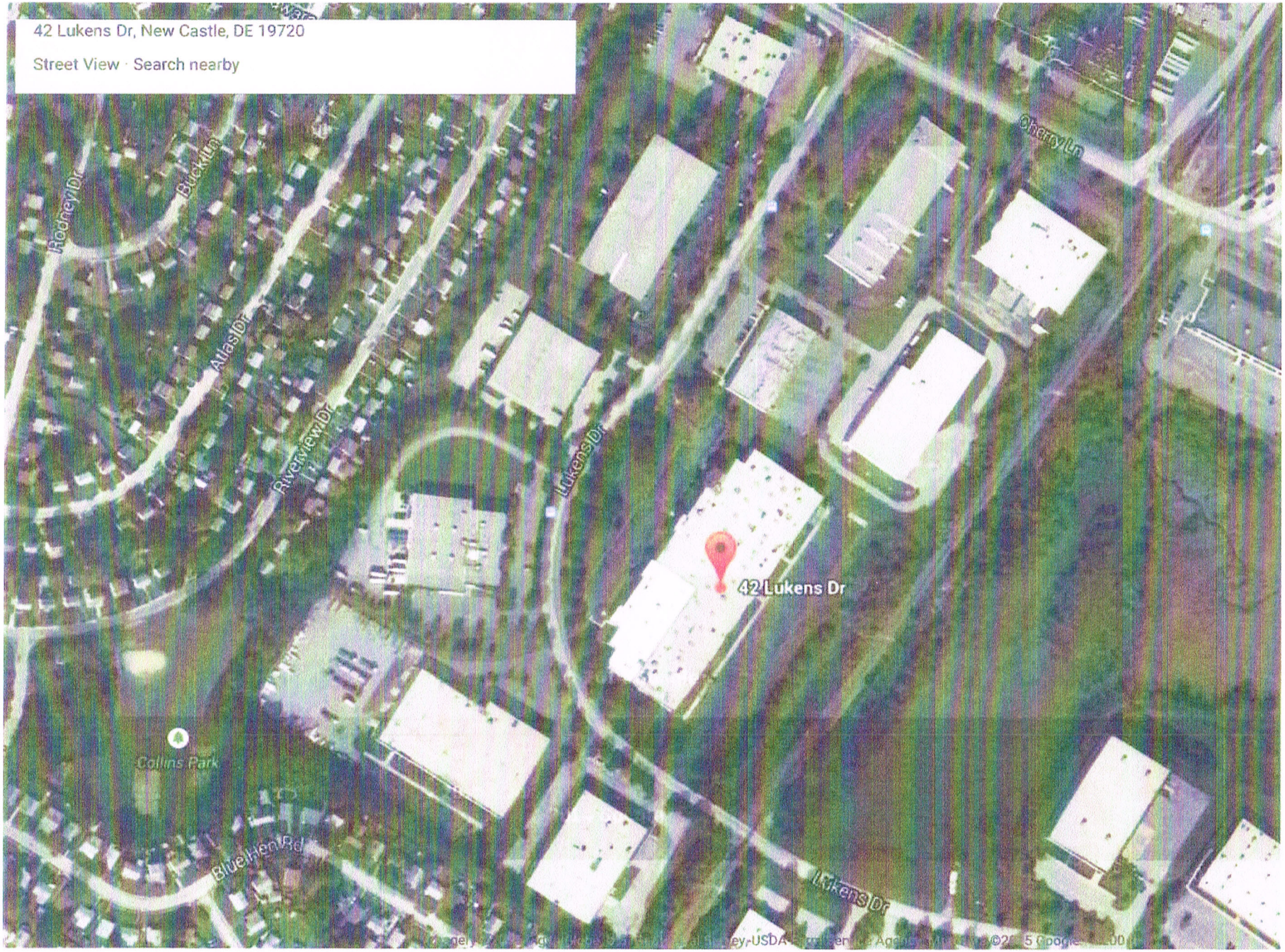
Attachment 11



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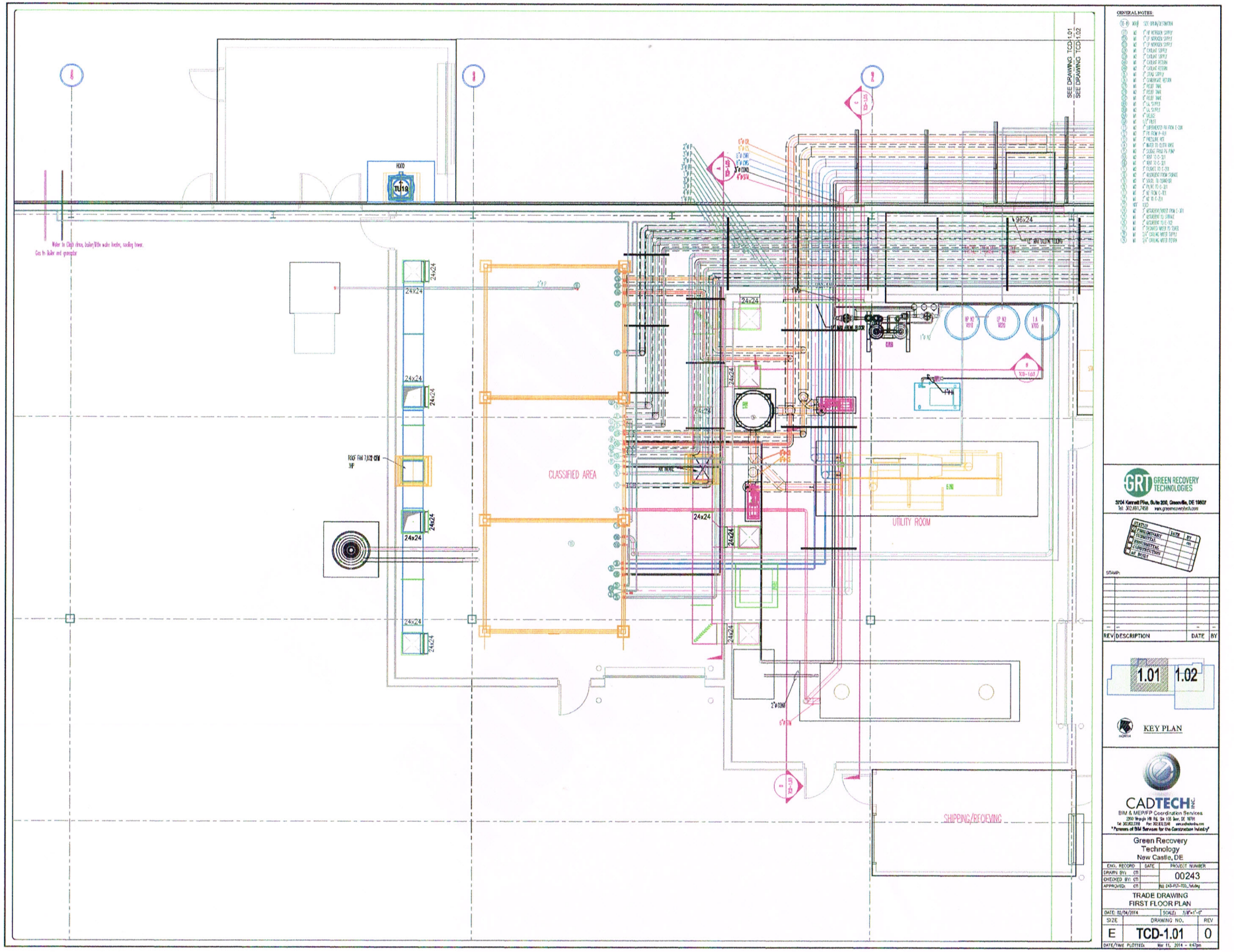

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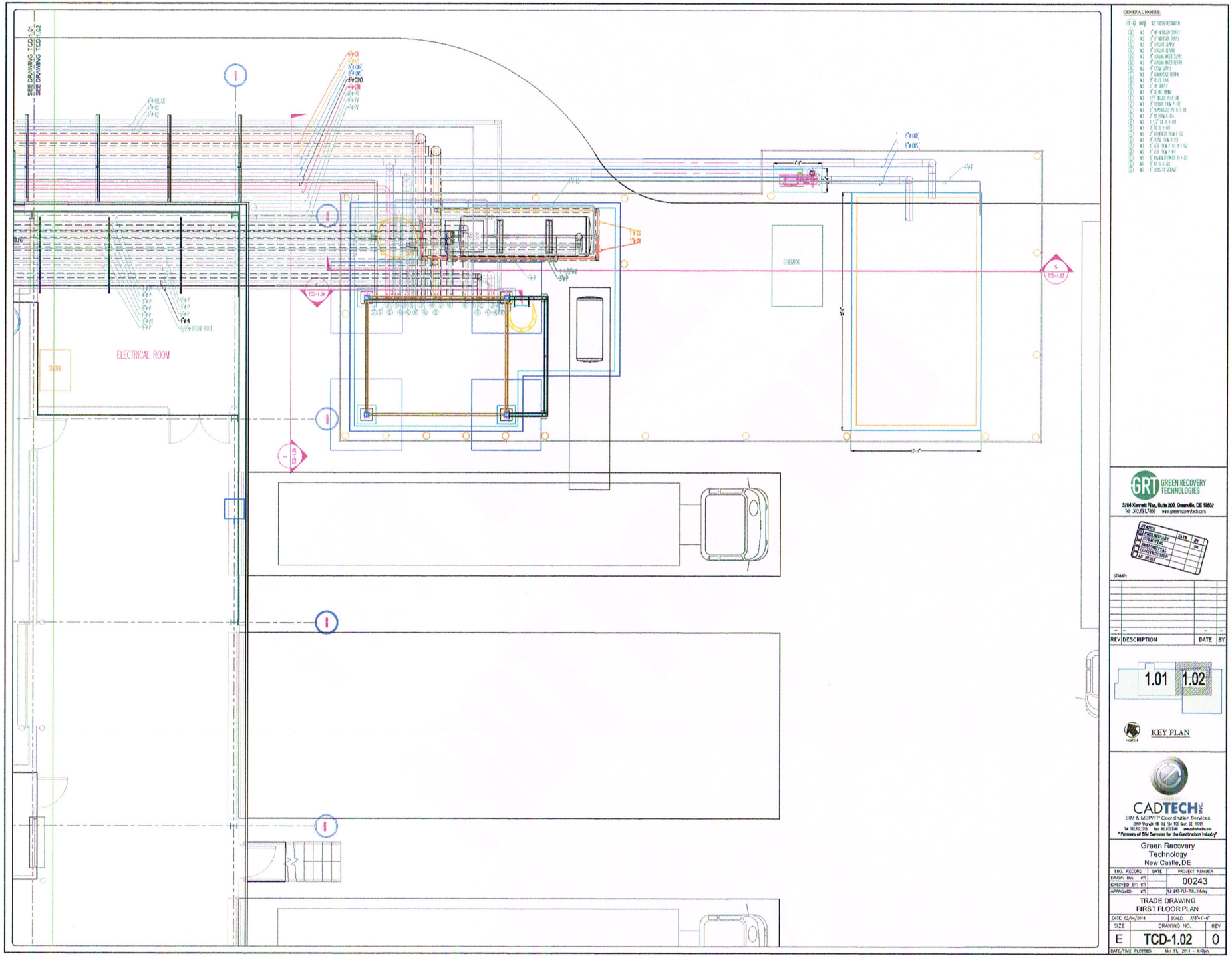

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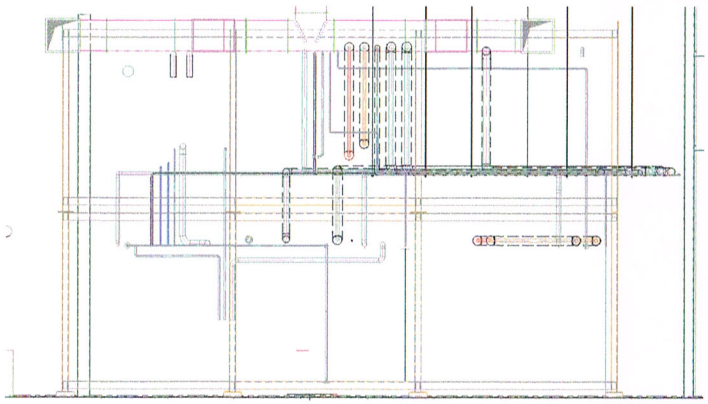

A SECTION LOOKING PLAN WEST
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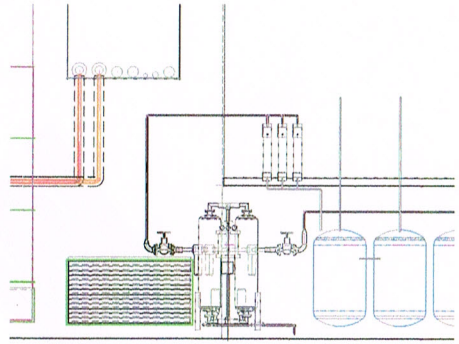

B SECTION LOOKING PLAN NORTH
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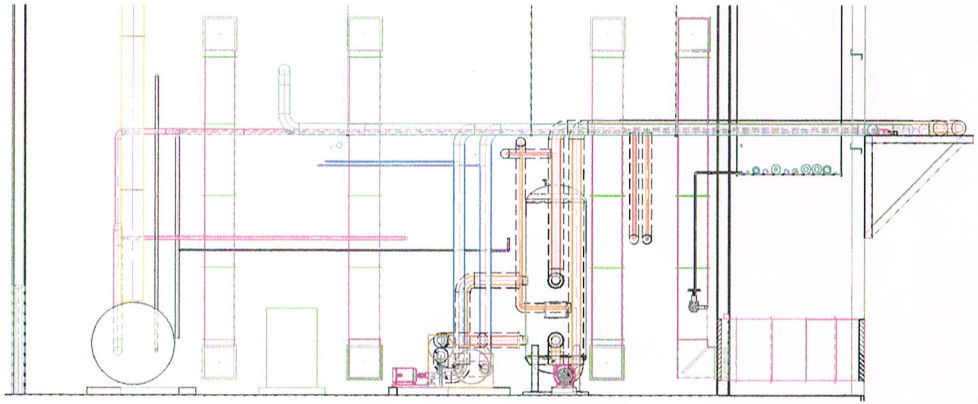

C SECTION LOOKING PLAN WEST
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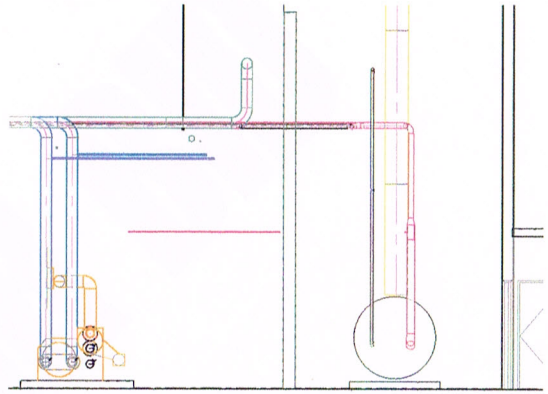

D SECTION LOOKING PLAN EAST
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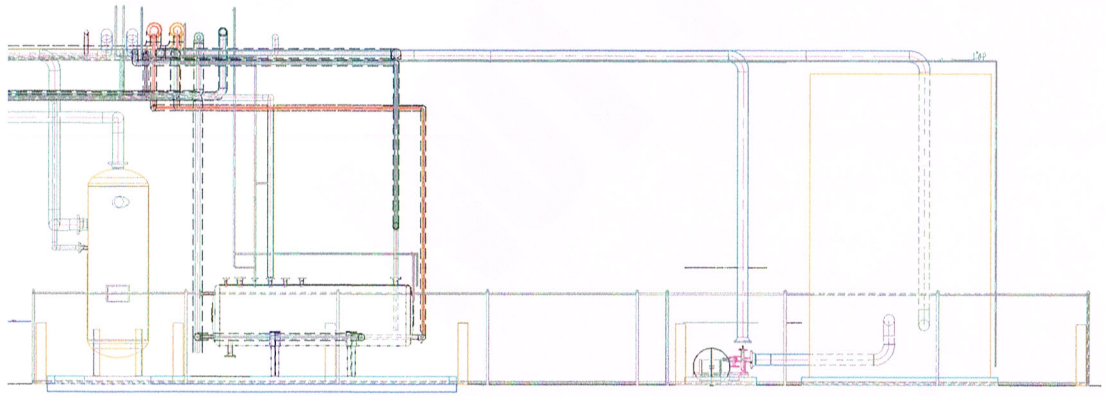


G SECTION LOOKING PLAN NORTH
SCALE: 3/8" = 1'-0" DRAWING: TCD-1.02

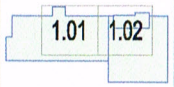
GENERAL NOTES:

GRT GREEN RECOVERY TECHNOLOGIES
3704 Kennett Pike, Suite 200, Greenville, DE 19807
Tel: 302.691.7458 www.greenrecoverytech.com

STATUS	DATE	BY
PRELIMINARY		
SUBMITTAL		
PERMITTAL		
CONSTRUCTION		
AS BUILT		

STAMP:

REV	DESCRIPTION	DATE	BY



KEY PLAN

CADTECH INC.
BIM & MEP/FP Coordination Services
2500 Wrangle Hill Rd, Ste 105 Bear, DE 19701
Tel: 302.832.2128 Fax: 302.832.2145 www.cadtechinc.com
"Pioneers of BIM Services for the Construction Industry"

Green Recovery Technology
New Castle, DE

ENG. RECORD	DATE	PROJECT NUMBER
DRAWN BY: CTI		00243
CHECKED BY: CTI		
APPROVED: CTI		FILE: 243-PLT-TCD_1st.dwg

TRADE DRAWING SECTIONS

DATE: 02/04/2014 SCALE: AS NOTED

SIZE	DRAWING NO.	REV
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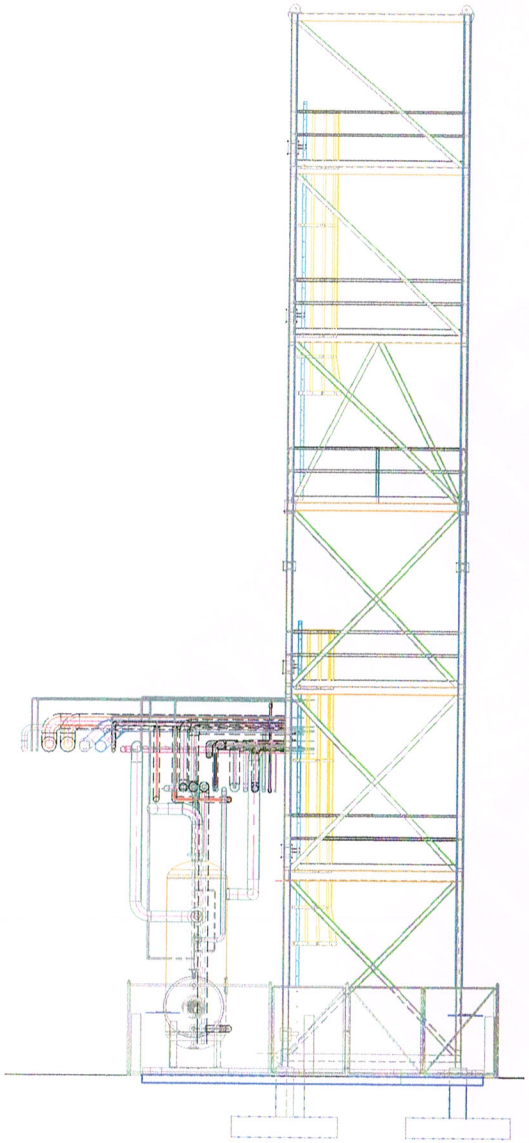
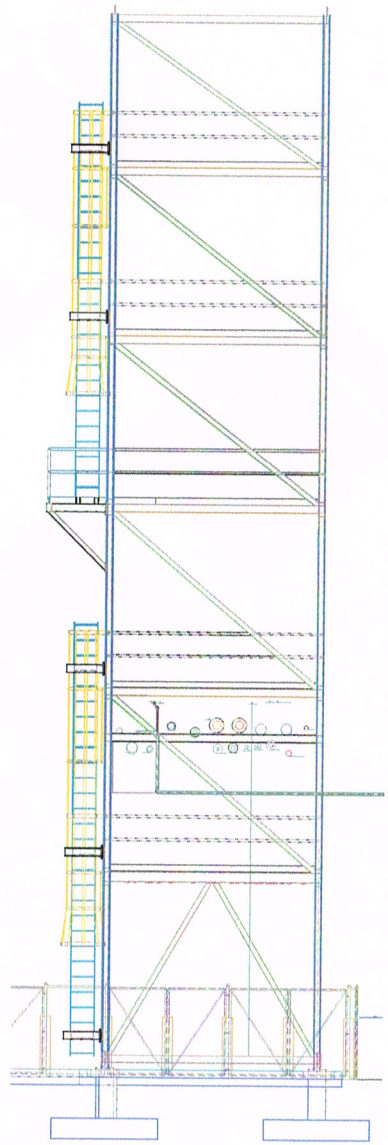
DATE/TIME PLOTTED: Mar 11, 2014 - 4:50pm

Attachment 11



E SECTION LOOKING PLAN EAST
SCALE: 3/8" = 1'-0" DRAWING: TCD-1.02



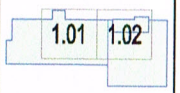
F SECTION LOOKING PLAN SOUTH
SCALE: 3/8" = 1'-0" DRAWING: TCD-1.02

GENERAL NOTES:

GRT GREEN RECOVERY TECHNOLOGIES
3704 Kennett Pike, Suite 200, Greenville, DE 19807
Tel: 302.691.7458 www.greenrecoverytech.com

STATUS
FOR PRELIMINARY
FOR SUBMITTAL
FOR PERMITTING
FOR CONSTRUCTION
AS BUILT

REV	DESCRIPTION	DATE	BY



KEY PLAN

CADTECH INC.
BIM & MEP/FP Coordination Services
2000 Wrangle Hill Rd, Ste 100 Bear, DE 19701
Tel: 302.832.2718 Fax: 302.832.2740 www.cadtechinc.com
"Pioneers of BIM Services for the Construction Industry"

Green Recovery Technology
New Castle, DE

ENG. RECORD	DATE	PROJECT NUMBER
DRAWN BY: CTI		00243
CHECKED BY: CTI		
APPROVED: CTI		FILE: 043-P13-TCD_1st.dwg

TRADE DRAWING SECTIONS

DATE: 03/06/2014 SCALE: AS NOTED

SIZE	DRAWING NO.	REV
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DATE/TIME PLOTTED: Mar 11, 2014 - 4:02pm

8

Attachment 12

VERRICO ASSOCIATES

STATEMENT OF QUALIFICATIONS

Environment | Health | Safety | Security | Quality

Who We Are

Verrico Associates (Verrico) is a full-service management systems consulting firm. The company has its roots in chemical and related industries. Verrico was an integral part in the development of industry-wide management system initiatives, including the chemical industry's Responsible Care program.

Verrico has worked with over 400 companies (4,500+ facilities) and over 25,000 employees at all levels to develop, implement, evaluate and improve businesses. We provide pre-assessments, training, gap analyses, internal audits, document reviews, design and implementation support for numerous industries in the United States and across the globe. Experience includes chemical/general manufacturing, health care, medical diagnostics, refining, pharmaceutical, energy and transportation services (marine, air, truck and rail).

We have over 30 Associates on our team and a network of 250 industry professionals to meet needs in a variety of areas, including domestic (US) and International support. Our Associates are experts in their fields, with experience in doing, not just consulting. Most have over 25 years of experience in industry. Biographical information is available for any of our Associates.

Services Provided

Verrico provides services to meet Client needs. We develop customized methods to help organizations through training, auditing and consulting. Selected services include:

Gap Analysis of Organization's Systems: Working with a Project Lead from the organization, Verrico identifies gaps in the program and helps determine next steps and resource needs for the management system.

Review of Gap/Non-conformance Status: Verrico reviews previous reports with Project Lead to validate resolutions or plans to resolve the issues.

Implementation Planning Assistance: Where a clear path has not been identified, Verrico works with the Project Lead to develop a reasonable action plan and provides guidance or assistance with the identified actions.

Training: Verrico trains implementation team members and internal auditors to international standards and how they relate to the organization's system. Verrico works with Project Lead to develop materials and a format for this activity. This includes domestic and international training.

CONTACT VERRICO ASSOCIATES
FOR MORE INFORMATION
www.verricoassociates.com | 610.444.9752

VERRICO Associates

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Attachment 12

Focused Internal Working Sessions: Verrico works with the project team within "challenge areas" in terms of function or process for the organization. Many companies find challenges implementing a management system in the areas of sales and marketing, research/product development, supply chain operations or other outlying areas.

Audit: Verrico has audit tools to help your organization. Beyond checklists, we have a training program that provides auditor training and an actual audit, in which your trainees participate. We also help fulfill audit requirements through an outside consultant audit.

Senior Management Presentation/Review: A number of system elements require senior management engagement and involvement. Verrico helps facilitate materials and presentations for those engagements, including direct presentations and assessments with your management team.

Management System Implementation Assistance: Based on your plan, activities include assistance for:

- General Risk Assessment Activities ("aspect/impact" or hazard/risk)
- Product Risk Assessment
- Product Information Management
- Commercial Procedures and Processes
- Communications Program Refinements
- Other Needs as Identified by Project Lead

Customized Project Facilitation: Our true strength is proven ability and experience managing projects at multiple levels of an organization. Frequently, a Client's challenge does not fit into a typical service area or standardized solution. Verrico is adept at helping you address issues in a practical way, involving the appropriate stakeholders throughout your organization.

Client Experience

A&R Distribution, Inc.
Alpha Chem of Georgia
American Chemistry Council
Afton Chemical Corporation
AKZO Nobel
Air Products & Chemicals, Inc.
APL Logistics
Arch Chemicals,Inc.
Arkema Inc.
Ashland Inc.
BASF Corporation
Bayer Corporation
BNSF Railway
Braskem
Cabot Corporation
Cambrex
Chemtura Corporation
Chevron
Church & Dwight Co., Inc.
Compass Minerals
Croda Inc
Cytec Industries
Daikin America, Inc
Dakota Gasification
Degussa Corporation
Delta Quality Systems, Inc
DF Young, Inc.
Dominion Resources Services
Dow Chemical
Dow Corning
Durez Occidental Company
Eastman Chemical Company
Eka Chemicals, Inc.
EISCO-NJ
El Dorado Nitrogen
EMD Chemicals Inc.
Exelon Corporation
Exxon Mobil
First Chemical Texas
Flexsys
FMC Corporation
Fujirebio Diagnostics, Inc.
GATX Rail
Georgia Gulf
Green Recovery Technologies
Hercules Incorporated
Highway Transport, Inc.
Honeywell
Horsehead Corporation
ICL Performance Products, LP
Inland Star Distribution Centers
Innospec Fuel Specialties
International Specialty Products
Intercontinental Terminal Corp
ISP Chemicals, Inc.
JM Huber
Kansas City Southern Railway
Kemira
Koppers Inc.
Lanxess Corporation
Lonza
Lubrizol
LyondellBasell
Marathon Petroleum Company
Merisol Antioxidants
Methanex Trinidad Limited
Millennium
Miller Transportation, Inc.
Milliken
Mitsubishi
Monsanto Company
Nova
Noveon
Occidental Chemical
Odyssey Logistics
OM Group, Inc
OMNOVA Solutions
Perstorp Polyols, Inc.
Potters Beads
PQ Corporation
Praxair
Productive Plastics
Quality Distribution, Inc.
Reilly Industries, Inc.
Remedium Group, Inc.
Rhodia Inc.
Roche Colorado Corporation
Sabic
Sartomer Company
Shell
Shepherd Chemical Company
SI Group, Inc
Sika Corporation
Sipchem
SOCMA
Solutia
Solvay Solexis
Sumitomo Chemical USA
Sunoco, Inc
Superior Carriers
Taminco Inc.
Thomson Inc.
TransWood, Inc.
Trinity Logistics
Texas Brine Company
TPC Group
Waste Technology Services
Westway Terminal Company

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX

Applicant: Green Recovery Technologies, LLC

Project: 42 Lukens Drive, New Castle DE

CZA Offset Review Reference: (DNREC Only)

Attachment 13

Application Date: January 26, 2015

Amendments: Rev 0

Offset Review Date: (DNREC Use Only)

Matrix Amended:N/A

ENVIRONMENTAL IMPACTS	(Applicant's Use) DESCRIBE ENVIRONMENTAL IMPACTS	PAGE NO.	(Applicant's Use) DESCRIBE ENVIRONMENTAL OFFSET PROPOSAL[1]	PAGE NO.	(DNREC Use Only) OFFSET SUFFICIENCY Yes, No or N/A
Air Quality (Applicant to List Below by Parameter)			7 tons of ozone seasoned Nox provided by DEDO as an offset clearly and demonstrably offset emissions from the small boiler. This also provides a ratio of 1.3:1 which is consistent with previous coastal zone regulations.	3	
NOx	10,057 lbs. emitted annually from boiler operation	2		3	
CO	4,446 lbs. emitted annually from boiler operation	2		3	
CO_2	6,351586 lbs. emitted annually from boiler operation	2		3	
N_2O	116 lbs. emitted annually from boiler operation	2		3	
SO_2	32 lbs. emitted annually from boiler operation	2		3	
TOC	582 lbs. emitted annually from boiler operation	2		3	
Methane	122 lbs. emitted annually from boiler operation	2		3	
VOC	291 lbs. emitted annually from boiler operation	2		3	
Water Quality	No water quality impacts are expected				
Surface					
Groundwater					
Water Quantity	No water quantity impacts expected				
Surface					
Groundwater					
Water Use For:	(normal volumes)				
Processing					
Cooling					
Effluent Removal					
Solid Waste	Office wastes/administrative wastes of 5,625 lbs/year	2	Office waste recycling program	NA	
Hazardous Waste	No hazardous waste impacts expected				
Habitat	No habitat impact expected - will use existing industrial area footprint				
Wetlands					
Flora Fauna					
Drainage/Flood Control	No change in drainage/flood control				
Erosion[2]	No change in erosion				
Land Use Effects	No change in land use				
Glare					
Heat					
Noise					
Odors					
Vibration					
Radiation					
Electro-Magnetic Interference					
Other Effects					
Threatened & Endangered Species	No threat to any endangered/threatened species				
Impacts From:	No impact from production - raw material through final product				
Raw Material					
Intermediate Products					
By-Products					
Final Products					

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX - BOILER AND SOLID WASTE IMPACT SUMMARY

Applicant: Green Recovery Technologies, LLC

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Matrix Amended:N/A

Emission Type	Emission Quantity*		Boiler MMBTU	Annual Hours	Annual lbs.
	lb./106 SCF	lb./MM BTU			
NOx	190	0.186	6.695	8,064	10,057
CO	84	0.082	6.695	8,064	4,446
CO_2	120,000	117.647	6.695	8,064	6,351,586
Lead	0.0005	0	6.695	8,064	0
N_2O	2.2	0.002	6.695	8,064	116
SO_2	0.6	0.001	6.695	8,064	32
TOC	11	0.011	6.695	8,064	582
Methane	2.3	0.002	6.695	8,064	122
VOC	5.5	0.005	6.695	8,064	291

* *Note: emission quantities projected using data from www.epa.gov/ttnchie1/ap42/ch01/final/c01s04.pdf*

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX - OFFICE WASTE DIVERSION ANALYSIS

Applicant: Green Recovery Technologies, LLC

Project: 42 Lukens Drive, New Castle DE **Attachment 13**

CZA Offset Review Reference: (DNREC Only)

Application Date: January 13, 2015

Amendments: Rev 0

Offset Review Date: (DNREC Use Only)

Matrix Amended:N/A

Emission Type	lbs./office employee**	employees	Daily Rate (lbs.)	Annual Office Workdays	Annual lbs.
Office Solid Waste	1.5	15	22.5	250	5,625

** *Note: daily waste quantities projected using data from www.dnrec.state.de.us/del-offc.htm*

Attachment 13

STATE OF DELAWARE
EXECUTIVE DEPARTMENT
DELAWARE ECONOMIC DEVELOPMENT OFFICE

Alan B. Levin
Director

January 15, 2015

Mr. Kenneth Laubsch
President & Chief Executive Officer
Green Recovery Technologies
42 Lukens Drive
New Castle, DE 19720

Dear Mr. Laubsch:

This letter rescinds and replaces my letter to you of August 18, 2014 regarding the granting of Emission Reduction Credits (ERCs) for Green Recovery Technologies (GRT) facility at 42 Lukens Drive, New Castle, DE.

DEDO recognizes that a delay in the issuance of the Delaware Coastal Zone Permit necessary to the operation of GRT's facility has made achieving compliance with the terms and conditions of the August 18, 2014 ERC grant letter unfeasible. Therefore, the Delaware Economic Development Office withdraws the grant of ERCs as detailed in my August 18, 2014. This letter will re-grant to Green Recovery Technologies (GRT) the 7 Emission Reduction Credits (ERCs) necessary as required offsets for the issuance of a Delaware Coastal Zone permit allowing the operation of a steam generating boiler at GRT's facility under the terms and conditions listed below.

1) The credits granted are for 7 NOx Ozone Season credits currently held in the DEDO credit bank; and,

2) DEDO acknowledges that GRT has previously submitted a $500 application fee to DEDO and is not required to submit an additional fee.

3) The credits are granted when the following conditions are met.

   - DEDO receives a copy of this letter signed by an authorized officer of GRT acknowledging and accepting these terms and conditions.

99 KINGS HIGHWAY
DOVER, DELAWARE 19901-7305
(302) 739-4271
FAX: (302) 739-5749

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820 N. FRENCH STREET
WILMINGTON, DELAWARE 19801-3509
(302) 577-8477
FAX: (302) 577--8499

Attachment 13

- GRT withdraws its previous application and files a new application for a Delaware Coastal Zone permit, participates in the required public hearing and receives the required Coastal Zone Act Permit.

- GRT commences full operation of its New Castle, DE biomass conversion facility on or before December 31, 2015. Should operations not commence by that date, DEDO reserves the right to rescind this award and return the credits to the credit bank.

- GRT agrees that they will employ a minimum of 15 full-time employees in the operation of facility on or before December 31, 2016.

- GRT will be required to certify the new jobs created and total employment on an annual basis beginning on December 31, 2015 and continuing through December 31, 2018. GRT shall certify, on a form acceptable to DEDO, the number and compensation level of all full-time permanent employees.

- GRT agrees that should its employment fall below 15 full-time employees for four consecutive months or if the operation is idle for four consecutive months, DEDO reserves the right to rescind this award and return the credits to the credit bank.

- GRT agrees that the credits are for the operation of its boiler at 42 Lukens Drive, Suite 100, New Castle. DE and may not be sold or transferred in any manner to any other organization or utilized at any other location without the expressed written consent of DEDO. If DEDO does not approve a transfer, the credits will be returned to the credit bank.

If you need more information, please contact Jeff Stone at (302) 672-6849 or jeff.stone@state.de.us.

I appreciate your continuing investment in the State of Delaware and your efforts to preserve and enhance our environment and wish you continued growth and success in your operations.

Sincerely,

Alan B. Levin
Director

cc: David Small, Department of Natural Resources and Environmental Control
Ali Mirzakhalili, Department of Natural Resources and Environmental Control
Phil Cherry, Department of Natural Resources and Environmental Control
Kevin Coyle, Department of Natural Resources and Environmental Control

On behalf of Green Recovery Technologies, I hereby acknowledge and accept the terms and conditions as detailed above.

By: [signature] President — 1/26/15

Name & Title — Date