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June 30, 2017
File No. 021709
Sent Via: email (Bheem.kothur@dep.state.fl.us)

Mr. Bheem R. Kothur, P.E., DEE
Professional Engineer III
Hazardous Waste Program and Permitting
Florida Department of Environmental Protection (FDEP/Department)
MS# 4560, 2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Tel: 850-245-8781, FAX: 850-245-8810

Subject: Renewal of Used Oil Processing Permit, Solid Waste Management Permit, & Response to the First Request for Additional Information (RAI) for January Environmental Services, Inc., facility located at 1920 State Road 60 W, Bartow, Florida 33830 (EPA I.D. No. FLD 982 162 943, DEP Application No.: 307171-HO-004/307171-SO-002))

Dear Mr. Kothur:

At the request of January Environmental Services, Inc. (Client/JESI), GeoTech Environmental, Inc. (GeoTech) is responding to the Florida Department of Environmental Protection (FDEP/Department) letter dated April 21, 2017 requesting additional information relating to the renewal permit applications for the above-mentioned Used Oil Processing facility (See FDEP letter in **Attachment A1**).

In summary, the FDEP letter required submittal of the Used Oil Processing Facility Permit Application Form, Solid Waste Permit Application Form including all supporting attachments that required review, signatures and seal from by a registered Florida Professional Engineer (PE). To comply with the Department's request, and to understand the current site and operational information, GeoTech conducted a facility inspection on Wednesday June 7, 2017. During our visit, GeoTech met with Loren January, who indicated that the used oil business was slow and minimal work was being conducted at the facility. JESI has already removed of the Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway) utilized in the used oil processing operations. Pursuant to paragraph 62-4.050(4)(s), F.A.C., GeoTech considers this change as a minor modification that does not require substantial technical evaluation or site inspection by the Department, and is less likely to cause environmental impacts or will lessen the impacts of the original permit.

An Application Form for the Used Oil Processing Permit (DEP Form 62-710,901(6)(d)) and the Application to Construct, Operate, or Modify a Waste Processing Facility (DEP Form 62-701,900(4)) is attached. The supporting documents addresses only changes to the above-mentioned components that may affect the existing permits (renewal permit application was due on February 16, 2017 and permit expired on April 16, 2017.). To that end, these documents identify only operational activities that have changed, and/or documents that may require FDEP review when compared to the previous permit modification application dated October 15, 2015 and the subsequent revisions dated November 12, 2015 and November 17, 2015. JESI has already submitted the appropriate permit review/renewal fees to the FDEP.

Should you have any questions, or require any additional information, please do not hesitate to contact me at 954 597 9100, ext. 24 or via electronic mail at neil@geotech-usa.com.

Very truly yours,

GEOTECH ENVIRONMENTAL, INC

Nilesh Lakhlani


Nilesh Lakhlani,
Project Manager

Pc: Mr. Cris January, Owner, JESI
Ms. Loren January, Manager, JESI
Ms. Elizabeth Knauss, Environmental Consultant
Southwest District, Florida Department of Environmental Protection

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261


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Environmental/Projects/2017/021709 - January Environmental/J Inc -	
Application and Modification 2017/10 - Report/2017-06-30_Renewal of Used Oil Permit Application_n1 BK.docx	

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ATTACHMENTS

A1	FDEP RAI Letter Dated April 21, 2017
A2	Application Form for the Used Oil Processing Permit (DEP Form 62-710,901(6)(d))
A3	Application to Construct, Operate, or Modify a Waste Processing Facility (DEP Form 62-701,900(4))
B	Detailed Process Description
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E	Analysis Plan
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FIGURE 1
SITE TOPOGRAPHIC MAP

Project No. 021709	
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U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



BARTOW QUADRANGLE
FLORIDA-POLK CO.
7.5-MINUTE SERIES



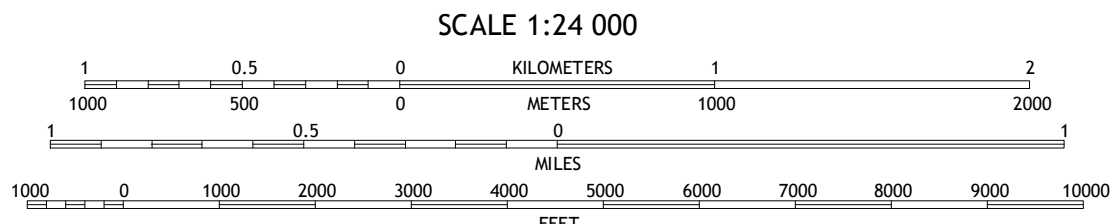
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 17R
10 000-foot ticks: Florida Coordinate System of 1983 (west zone)

This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, October 2013
Roads.....HERE, ©2013 - 2014
Names.....GNIS, 2015
Hydrography.....National Hydrography Dataset, 2013
Contours.....National Elevation Dataset, 2009
Boundaries.....Multiple sources; see metadata file 1972 - 2015
Public Land Survey System.....BLM, 2015

UTM GRID AND 2015 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
ML
Grid Zone Designation
17R



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.18



ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp

Local Connector
Local Road
4WD

Interstate Route
US Route
State Route


1	2	3
4	5	6
7	8	9

1 Lakeland
2 Auburndale
3 Winter Haven
4 Mulberry
5 Eloise
6 Bradley Junction
7 Homeland
8 Alturas

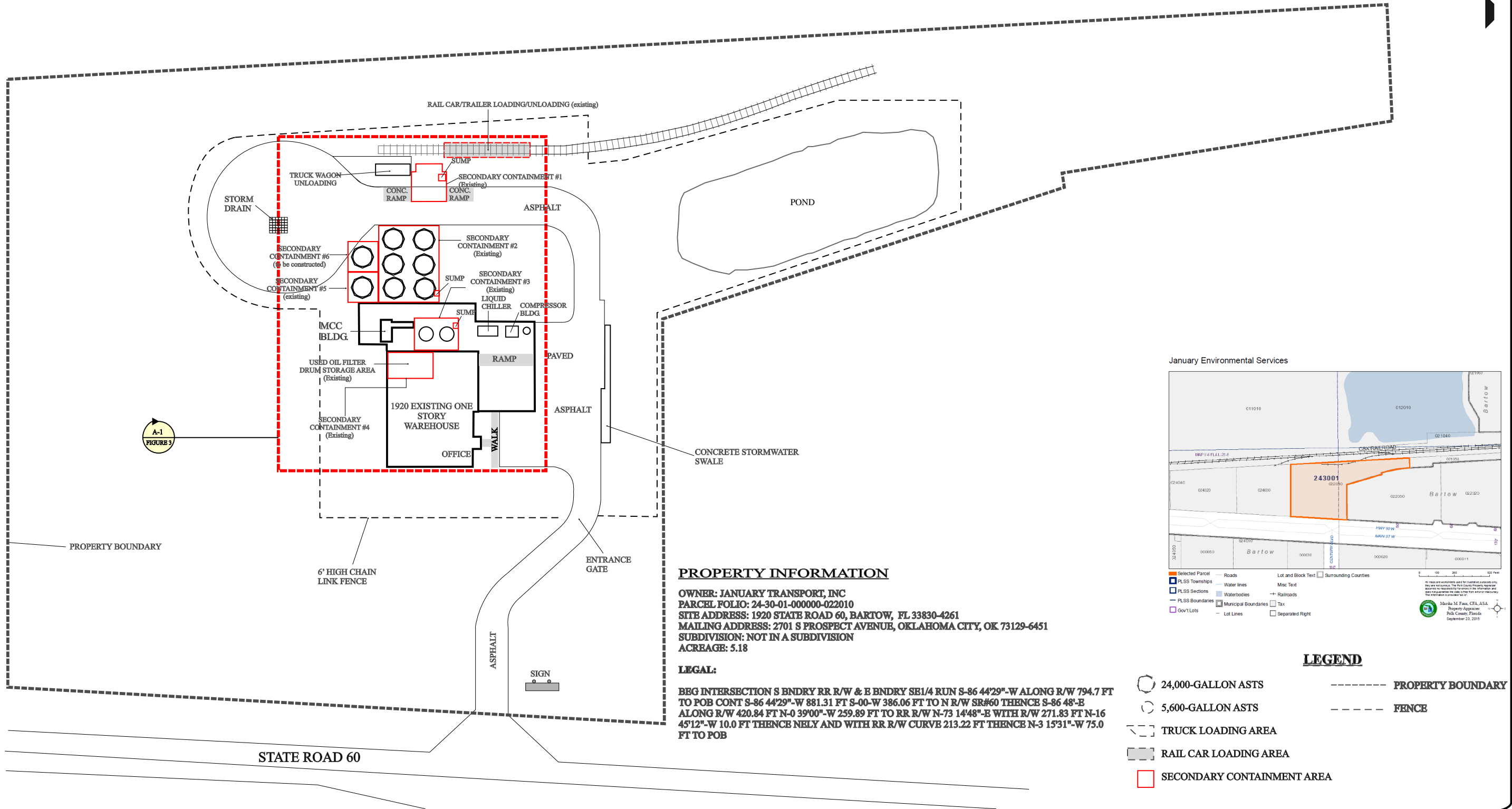
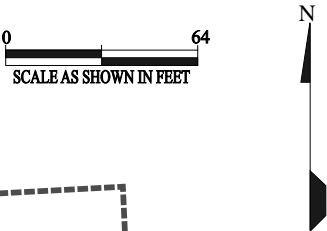
BARTOW, FL
2015

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
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FIGURE 2
SITE LAYOUT MAP

Project No. 021709	
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File Name/Path: Project\021709\January\Fig 2



REVISIONS:
DATE:
BY:



CLIENT NAME:
JANUARY TRANSPORT, INC
2701 S PROSPECT AVENUE
OKLAHOMA CITY, OK 73129

SITE ADDRESS:
JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60
BARTOW, FLORIDA 33830
FLD 982 162 943

SHEET TITLE:
FACILITY SITE PLAN

PROJECT NO.: 021709


DATE: 07-01-17

SHEET NO.: 2 FIGURE 2

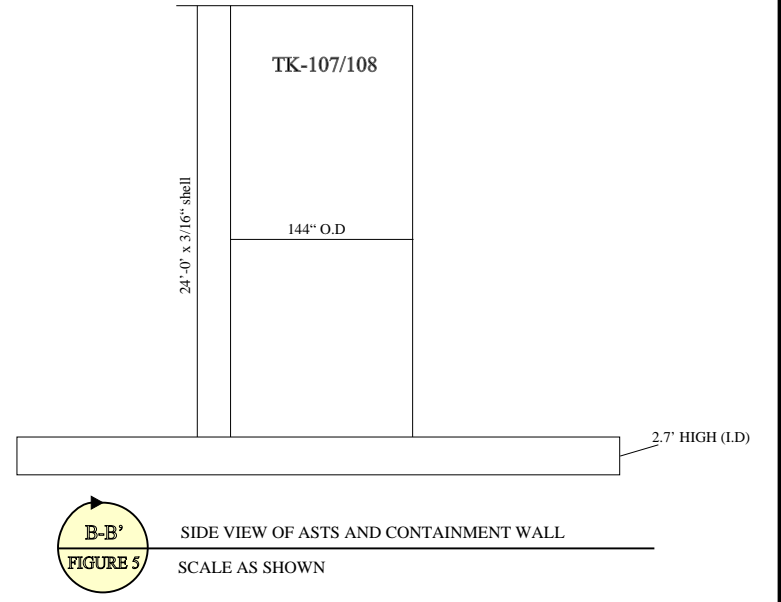
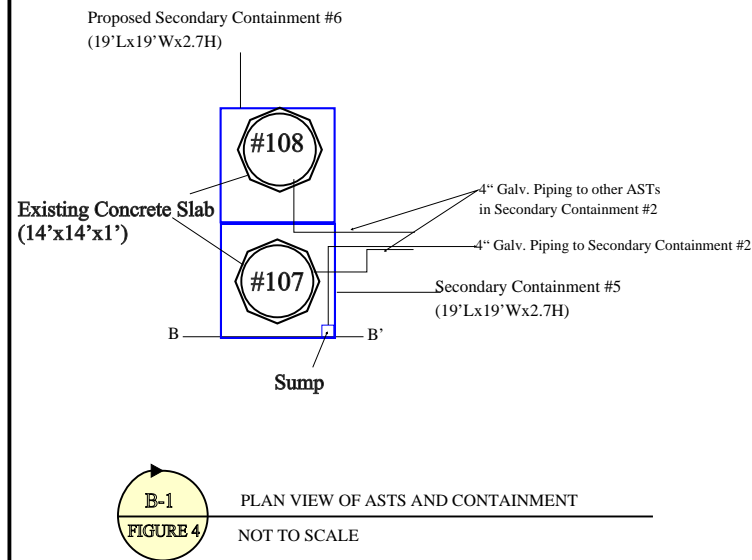
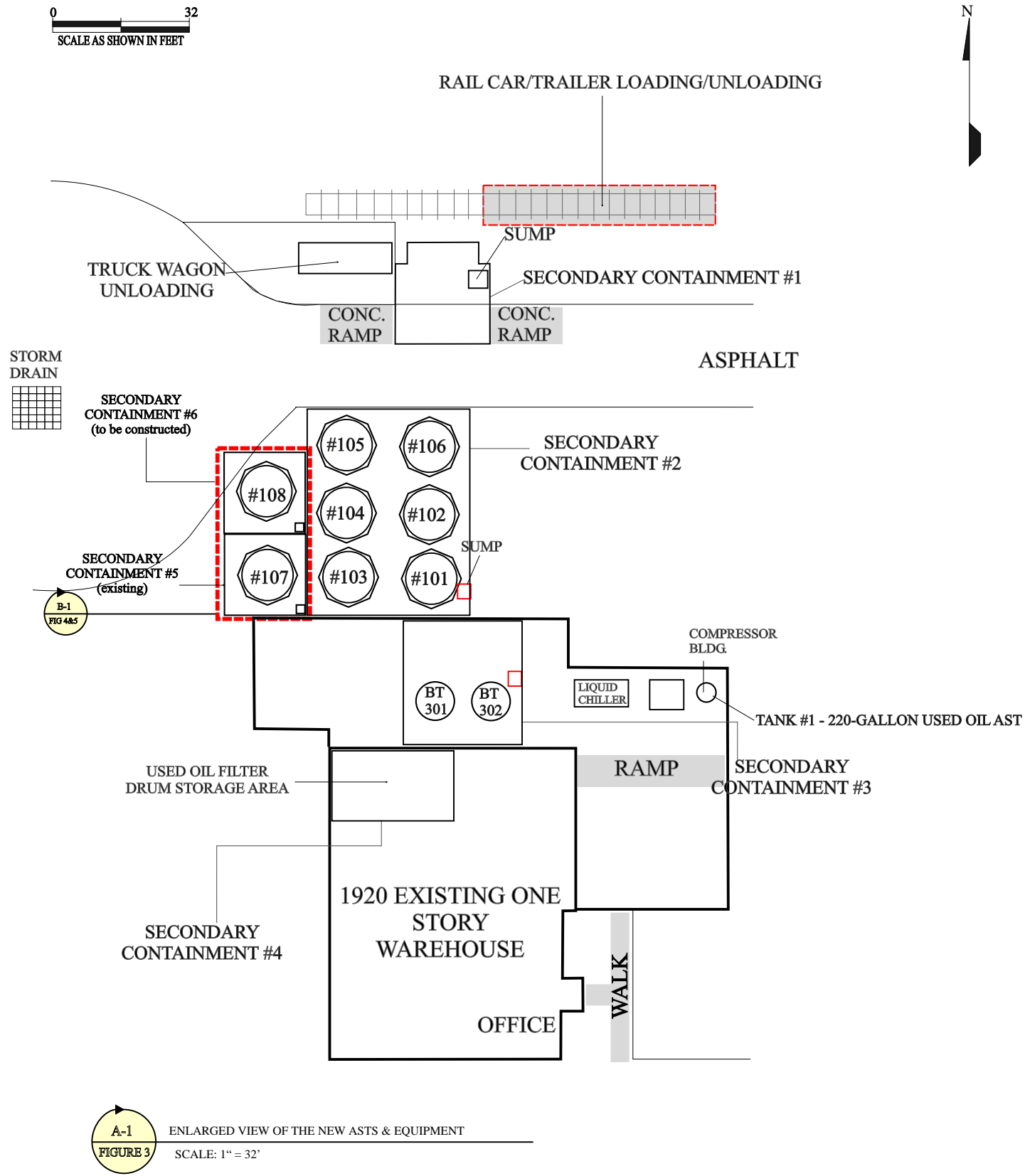
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FIGURE 3

ENLARGED VIEW OF THE ASTS AND SECONDARY CONTAINMENT AREAS

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File Name/Path: Project\021515\January\Fig. 3



LEGEND

- 24,000-GALLON ASTS
- 5,600-GALLON ASTS
- - - TRUCK LOADING AREA
- - - RAIL CAR LOADING AREA
- SECONDARY CONTAINMENT AREA
- NEW 20,000 GALLON ASTS IN SECONDARY CONTAINMENT

REVISIONS:	REV-1
DATE:	07-01-17
BY:	NL



CLIENT NAME:
JANUARY TRANSPORT, INC
2701 S PROSPECT AVENUE
OKLAHOMA CITY, OK 73129

SITE ADDRESS:
JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60
BARTOW, FLORIDA 33830
FLD 982 162 943


SHEET TITLE:
ASTS & SECONDARY CONTAINMENT DETAIL MAP

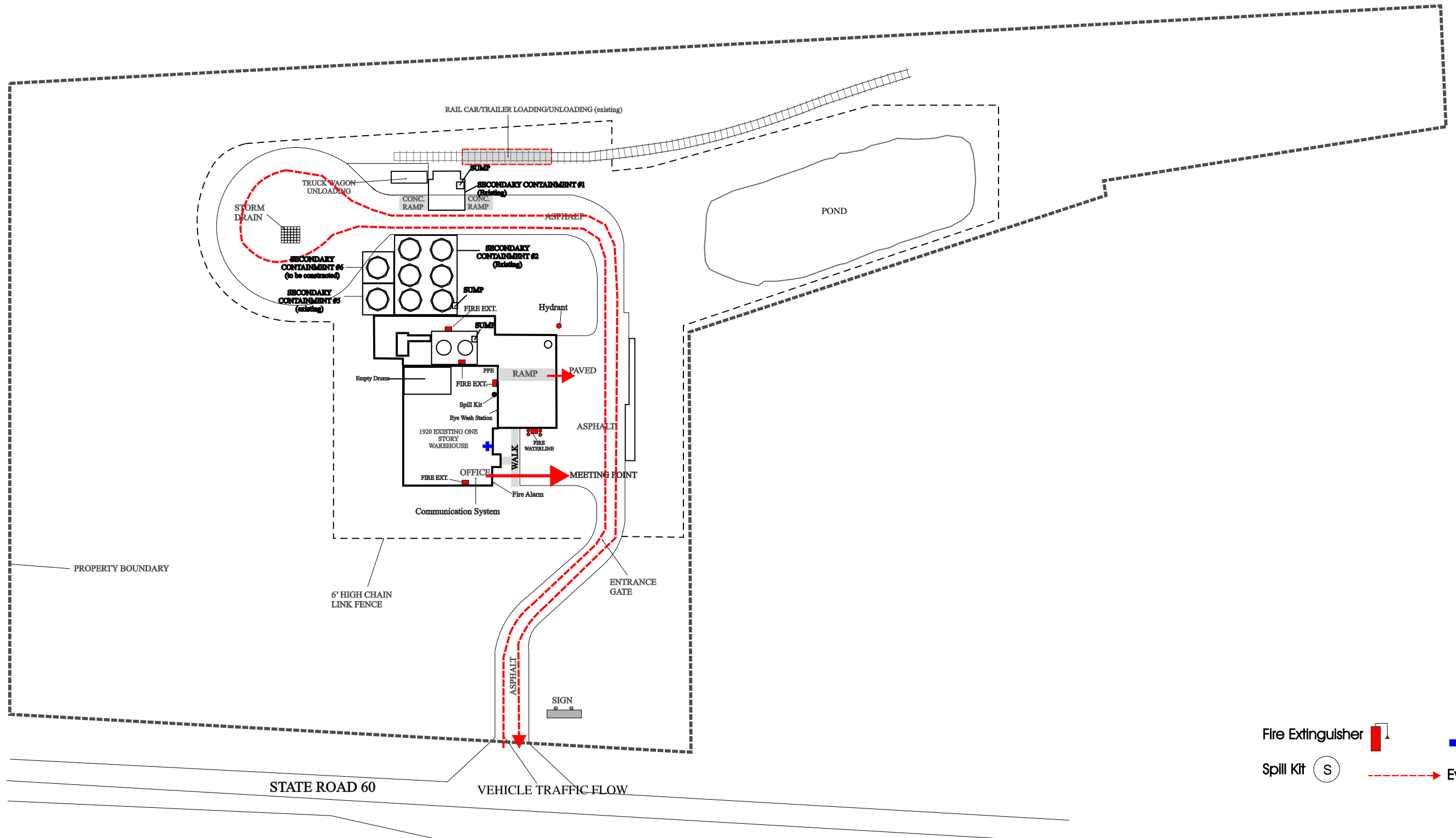
PROJECT NO.:	021709
DATE:	07-01-17
SHEET NO.:	3
FIGURES 3, 4, & 5	

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FIGURE 6

FEMA MAP

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- Fire Extinguisher
- Spill Kit
- First Aid Kit
- Evacuation Route

File Name/Path: Project\021709\January\Fig 7/Evacuation

REVISIONS:	
DATE:	
BY:	



CLIENT NAME:
JANUARY TRANSPORT, INC
2701 S PROSPECT AVENUE
OKLAHOMA CITY, OK 73129


SITE ADDRESS:
JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60
BARTOW, FLORIDA 33830
FLD 982 162 943

SHEET TITLE:
EVACUATION MAP

PROJECT NO.:	021709
DATE:	07-01-17
SHEET NO.:	7
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TABLE 1 STORAGE TANK INFORMATION								
JANUARY ENVIRONMENTAL SERVICES, INC								
1920 STATE ROAD 60, BARTOW, FLORIDA								
FLD # 982162943								
TANK ID	TANK CAPACITY (GALLONS)	ABOVEGROUND /UNDERGROUND STORAGE TANK (AST/UST)	TANK DIAMETER (FEET)	TANK MATERIAL	MATERIAL STORED IN TANK	TANK INSTALL DATE	LOCATION	CONTAINMENT DIMENSION (length x width x height in feet)
TK-101	24,000	AG Single-walled	12	STEEL	Used Oil	07/01/1986	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-102	24,000	AG Double-walled	12	STEEL	Used Oil	07/01/1986	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-103	24,000	AG Double-walled	12	STEEL	Used Oil	07/01/1986	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-104	24,000	AG Double-walled	12	STEEL	Used Oil	07/01/1986	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-105	24,000	AG Double-walled	12	STEEL	Used Oil	07/01/1986	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-106	24,000	AG Double-walled	12	STEEL	Used Oil	03/01/1988	SECONDARY CONTAINMENT #2	43.5'x55.3'x2.7'
TK-107	20,000	AG Single-walled	12	STEEL	Used Oil	TBD	SECONDARY CONTAINMENT #5	19'x19'x2.7'
TK-108*1	20,000	AG Single-walled	12	STEEL	Used Oil	TBD	SECONDARY CONTAINMENT #6	19'x19'x2.7'
BT-301	5,600	AG Single-walled	9	STEEL	Used Oil	UN	SECONDARY CONTAINMENT #3	33 'x23'x1.42'
BT-302	5,600	AG Single-walled	9	STEEL	Used Oil	UN	SECONDARY CONTAINMENT #3	33 'x23'x1.42'
#1	200	AG Double-walled	3	STEEL	Used Oil	UN	N/A	N/A
RAIL CAR - TYPICAL	23,625	AG Single-walled	9.9	STEEL	Used Oil	05/04/2009	BULK LOADING/UNLOADING AREA	N/A
TRANSPORT TANK	5,500	-	6	STEEL	EMPTY*2	2006	TRUCK WAGON/UNLOADING	N/A
TRANSPORT TANK	3,200	-	8	STEEL	EMPTY*2	2006	TRUCK WAGON/UNLOADING	N/A
Total Volume (gal)	227,725							
Notes:								
	The Tank data was obtained from the FDEP Storage Tank/Contaminated facility & address search dated 8/13/2015 (fac. ID 9101026)							
*1	TK-108 is currently not installed. The installation date is to be determined (TBD) by January Environmental Services, Inc (JESI)							
N/A	Not applicable, as tank is double-walled system							
BT-301 & BT-302	are Used Oil blending tanks							
TBD	Not Installed to date.							
	Addition of two new ASTs and piping to the existing permit							
*2	The transport trailer/trucks are kept onsite in an empty state							
UN	Unknown date of installation							

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TABLE 2. Secondary Containment Structure #5 Tank TK-107 Calculation - FLD 982 162 943		
INFORMATION NEEDED TO USE THIS WORKSHEET* ¹		
Gallons per cubic foot	gal	7.4805
Cubic foot per gallon	cu.ft	0.133681
Containment Basin:		
length	ft	19
width	ft	19
Secondary Containment wall height (cannot exceed 6 feet/local fire code	ft	2.7
Tank Information:		
Largest tank length	ft	24
Largest tank diameter	ft	12
Largest tank radius	ft	6
Volume of largest tank	gal	20000
Volume of largest tank	cu.ft	2674
Other Equipment:		
Volume occupied by Equipment: (Estimate % - use 5% as default)	%	5%
Volume occupied by Equipment: based on total containment volume in cu.ft	cu.ft	49
	gal	365
Volume of Rain:		
Volume 25 yr precipitation from Figure 11*	in	9
Volume 25 yr precipitation from Figure 11*	ft	0.75
Volume 25 yr precipitation (24-hour storm amount)	gal	2025
Volume 25 yr precipitation (24-hour storm amount)	cu.ft	271
Total Secondary Containment Area	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291
1. Minimum volume needed for secondary containment structure =		
Volume of single largest tank +	cu.ft	2674
Volume of 25 yr precipitation (24-hr storm amount) to allow for precipitation accumulation +	cu.ft	271
5% volume occupied by Equipment +	cu.ft	49
Volume occupied by Concrete tank slab (14'x14'x1')	cu.ft	196
Total Volume needed for Secondary Containment Structure	cu.ft	3189
2. Total Secondary Containment #5 Area		
Total Secondary Containment Volume	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291.2
3. Total area of tanks within secondary containment structure		
(less the single largest tank) = $3.14 \times (1/2 \text{ diameter of each tank in feet})^2$	sq.ft	0.00
4. Available secondary containment structures area =		
total containment area (2) - total area of tank(3)	sq.ft	361
5. Available secondary containment structures volume =		
Secondary containment structure's area (4) x Minimum height of dike or berm or wall	cu.ft	975
	or gal	7291
6. Available containment capacity including tertiary containment structure #5 =		
Secondary containment structure #5 volume (5) + secondary containment structure # 2 volume (as these containments are connected via underground piping. Containment #5 will pump to containment #2)		
Secondary containment #2 volume was obtained from the Enercon Services, Inc report dated January 16, 2012	cu.ft	4971
Therefore, total containment #2 + containment # 5 volume =	cu.ft	5946
Secondary Containment Safety Factor = Available secondary containment structures's volume (6) is greater than the minimum secondary containment vloume (1) required resulting in a safety factor:		1.86
Notes: A safety factor of 1.0 equates to the secondary containment structure's capacity to completely contain a spill from the single largest tank with an additional precipitation factor for rainwater, tank slab and equipment. Any number greater than 1.0 is an additional level of safety beyond the minimal requirement		
* Inches rainfall read from Figure 11, Page 40 of Technical Publication EMA #390		
*1 - Data used to compute the area of secondary containment #5 was obtained from JESI site visit by GeoTech on 8-24-15		

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TABLE 2A. Secondary Containment Structure #6 Tank TK-108 Calculation - FLD 982 162 943		
INFORMATION NEEDED TO USE THIS WORKSHEET*¹		
Gallons per cubic foot	gal	7.4805
Cubic foot per gallon	cu.ft	0.133681
Containment Basin:		
length	ft	19
width	ft	19
Secondary Containment wall height (cannot exceed 6 feet/local fire code)	ft	2.7
Tank Information:		
Largest tank length	ft	24
Largest tank diameter	ft	12
Largest tank radius	ft	6
Volume of largest tank	gal	20000
Volume of largest tank	cu.ft	2674
Other Equipment:		
Volume occupied by Equipment: (Estimate % - use 5% as default)	%	5%
Volume occupied by Equipment: based on total containment volume in cu.ft	cu.ft	49
	gal	365
Volume of Rain:		
Volume 25 yr precipitation from Figure 11*	in	9
Volume 25 yr precipitation from Figure 11*	ft	0.75
Volume 25 yr precipitation (24-hour storm amount)	gal	2025
Volume 25 yr precipitation (24-hour storm amount)	cu.ft	271
Total Secondary Containment Area	sq.ft	361
Total Secondary Containment Volume	cu ft	975
Total Secondary Containment Volume	gal	7291
1. Minimum volume needed for secondary containment structure =		
Volume of single largest tank +	cu.ft	2674
Volume of 25 yr precipitation (24-hr storm amount) to allow for precipitation accumulation +	cu.ft	271
5% volume occupied by Equipment +	cu.ft	49
Volume occupied by Concrete tank slab (14'x14'x1')	cu.ft	196
Total Volume needed for Secondary Containment Structure	cu.ft	3189
2. Total Secondary Containment #6 Area		
Total Secondary Containment Volume	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291.2
3. Total area of tanks within secondary containment structure		
(less the single largest tank) = $3.14 \times (1/2 \text{ diameter of each tank in feet})^2$	sq.ft	0.00
4. Available secondary containment structures area =		
total containment area (2) - total area of tank(3)	sq.ft	361
5. Available secondary containment structures volume =		
Secondary containment structure's area (4) x Minimum height of dike or berm or wall	cu.ft	975
	or gal	7291
6. Available containment capacity including tertiary containment structure #6 =		
Proposed Secondary containment structure #6 volume (5) + secondary containment structure # 2 volume (as these containments will be connected via underground piping. Containment #6 will pump to containment #2)		
Secondary containment #2 volume was obtained from the Enercon Services, Inc report dated January 16, 2012	cu.ft	4971
Therefore, total containment #2 + containment # 6 volume =	cu.ft	5946
Secondary Containment Safety Factor = Available secondary containment structures's volume (6) is greater than the minimum secondary containment vloume (1) required resulting in a safety factor:		
		1.86
Notes: A safety factor of 1.0 equates to the secondary containment structure's capacity to completely contain a spill from the single largest tank with an additional precipitation factor for rainwater, tank slab and equipment. Any number greater than 1.0 is an additional level of safety beyond the minimal requirement		
* Inches rainfall read from Figure 11, Page 40 of Technical Publication EMA #390		
*1 - Data used to compute the area of secondary containment #5 was obtained from JESI site visit by GeoTech on 8-24-15		

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Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261


TABLE 3

**USED OIL NOT EXCEEDING ANY ALLOWABLE LEVEL SHOWN BELOW IS NOT SUBJECT TO THIS
PART WHEN BURNED FOR ENERGY RECOVERY**

(E-CFR 2/19/2015, TITLE 40 → CHAPTER I → SUBCHAPTER I → PART 279 → SUBPART B → §279.11)

**JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60 W
BARTOW, FLORIDA 33830-4261
FLD 982 162 943**

Constituent/property	Allowable level
Arsenic	5 ppm maximum.
Cadmium	2 ppm maximum.
Chromium	10 ppm maximum.
Lead	100 ppm maximum.
Flash point	100 °F minimum.
Sulfur	0.4% maximum
Total Halogens	1,000 ppm maximum
PCB	2 ppm maximum
Maximum Halides	4,000 ppm maximum.

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TABLE 4

**SAMPLING PARAMETERS THAT MAY BE REQUIRED FOR THE OILY WATER, USED OIL,
SLUDGE & SOLIDS ANALYSIS**

**JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60 W
BARTOW, FLORIDA 33830-4261
FLD 982 162 943**

CONSTITUENT	USEPA METHOD FOR OIL AND SLUDGE
Arsenic	200.7/6010B (ICP)
Cadmium	200.7/6010B (ICP)
Chromium	200.7/6010B (ICP)
Lead	200.7/6010B (ICP)
Flash point	1010A (ASTM D-93/96)
Sulfur	Modified ASTM D 2622 (or equivalent)
Total Halogens	8010B
PCB	8082
Maximum Halides	8010B
OTHER CONSTITUENTS (IF REQUIRED)	
Volatile Organic Compounds (VOCs) - BTEX	8260 B
Semi Volatile Organic Compounds – PAHs	8270C
Total Recoverable Petroleum Hydrocarbons (TRPH)	FL-PRO
8 RCRA Metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	6010B/7470A
TCLP/SPLP Package	40 CFR 261.24 (Table 1)
TCLP Arsenic	1311/7060
TCLP Barium	1311/7080
TCLP Cadmium	1311/7131
TCLP Chromium	1311/7191
TCLP Lead	1311/7421
TCLP Mercury	1311/7471
TCLP Selenium	1311/7740
TCLP Silver	1311/7761
TCLP Organics	1311/624 Refer to 40 CFR 261.24
TCLP Organics	1311/625 Refer to 40 CFR 261.24
TCLP Organics	1311/608 Refer to 40 CFR 261.24
TCLP Organics	1311/615 Refer to 40 CFR 261.24

Note: Disposal companies that will receive sludge from the used oil processing may also require additional analysis in addition to **Table 3**. JESI will inquire with each disposal firm for proper analysis and acceptance procedures. Sludge will be analyzed for 8 RCRA metals and organic constituents in accordance with the Toxicity Characteristic Leaching Procedure (TCLP). Additional testing for ignitability and corrosivity may be required. If process knowledge is available indicating the nature and/or physical characteristics of the waste, then the above mentioned analytical requirements may be reduced.

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JANUARY ENVIRONMENTAL SERVICES, INC

1920 STATE ROAD 60 W, BARTOW, FLORIDA 33830

TABLE 5. UNIFORM WASTE TRANSPORTERS MANIFEST

NO HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM OF MANIFEST

Generator's Name and Mailing Address:		PO#:		Manifest Document#			
Generator's Phone:		County of Origin:		Generator's ID #s EPA		Generator's ID #s STATE	
Transporter 1 Company Name:	JANUARY ENVIRONMENTAL SERVICES, INC 1920 STATE ROAD 60 W, BARTOW, FL 33830	US EPA ID Number	FLD 982 160 943	State Transporters ID		Transporter's Phone	
Designated Facility Name and Site Address:						Dade County ID:	
						Facility's Phone:	

G E N E R A T O R	Waste Shipping & Name Description HM	Containers	Total Quantity	Unit Wt/Volume	Price	Charges	
	Additional Descriptions for Materials Listed Above			Total Due			
	GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately describe above by proper shipping name and classified, packed, marked, and labeled, and are all in respects in proper condition for transport by highway according to applicable international and national government regulations. I also confirm that the contents of this consignment contains no hazardous materials. (In the event that these products/material are found to be Hazardous, I accept the responsibility for its proper disposal under Federal and State Regulations, including any contamination caused though commingling).						
	Printed Type Name	Signature			Month	Day	Year
T R A N S P O R T	Transporter 1 Acknowledgement of Receipt of Materials						
	Printed Type Name	Signature			Month	Day	Year
F A C I L I T Y	Facility Owner or Operator: Certification of Receipt of Waste Material covered by this Manifest						
	Printed Type Name	Signature			Month	Day	Year

ANALYTICAL TEST DATA		SAMPLED BY: _____	
FIELD CHLOR-D-TECT 1000 SCREENING ANALYSIS: Halogen Levels: _____ Below 1000 ppm: _____ Above 1000 ppm: _____		DATE: _____ TIME: _____ SAMPLING POINT LOCATION: _____	
LABORATORY PARAMETER	USEPA METHOD	LABORATORY PARAMETER	USEPA METHOD
Water Content:		Viscosity	
PCB:		Pb	
Odor:		Cr	
Color:		Cd	
API:		As	
Combustion:		Cl	
Flashpoint:		Other	

Dear Generator: The following chemicals contain hazardous substance which when mixed with used oil reduces the recycling potential and can cause harmful effects to the environment.
DO NOT MIX WITH USED OIL

Antifreeze Freon - Solvents - Thinner - Degreasers - Detergents - Cleaners - Radiator Fluid - Leaded Gasoline - Cutting Oil.

CAN MIX USED OIL

Motor Oil - Diesel Fuel - Grease - Break Fluids - Hydraulic Fluid - Transmission Fluid

These lists are based on current information and may be expanded as more data becomes available, THANK YOU.

WHITE - Original YELLOW- Transporter PINK - Transporter GOLDENROD - Generator

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
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TABLE 6

FDEP RECORD KEEPING FORM



DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Station 4560, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

TABLE 6

DEP Form #62-710.901(2)
Form Title Used Oil and Used Oil
Filter Record Keeping Form
Effective Date 4-23-13
Incorporated in Rule 62-710.510(1)

**Used Oil and Used Oil Filter Record Keeping Form
and Instructions**

Rule 62-710.510 of the Florida Administrative Code requires each registered person to maintain records on either this or a substantially equivalent form which contains the same information. This information must be kept on-site for three (3) years and be available for inspection by DEP during normal business hours. Used oil filter information is optional (but recommended). The used oil from filter management must be recorded and reported.

A. Used Oil Source Name, Street Address, City, State, Zip Code, EPA ID Number, if applicable	B. Date	C. Number of Filters	D. Gallons of Used Oil	E. Type Code	F. End Use Code	G. Destination of Used Oil/Used Oil Filters Name, Street Address, City, State, Zip Code, EPA ID Number, if applicable	H. State Mark "X" if not Florida

**I. TOTAL
Collected**

	Automotive	Industrial	Mixed
In State			
Out of State			

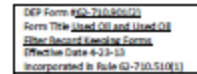
**J. TOTAL
Managed**

End Use Code	N	O	F	I	B	D
In State						
Out of State						

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**TABLE 6A
FDEP RECORD KEEPING FORM INSTRUCTIONS (continued)**



**Instructions for Completing the
Used Oil and Used Oil Filter Record Keeping Form**

Use this form to comply with the Used Oil Management Rule, Chapter 62-710.510, Florida Administrative Code.

Column A. Used Oil/Filter Source: Print the described information required for each location (including EPA ID number, if the location has one) where used oil, oily waste, and used oil filters (optional) are collected or the name and registration number of the transporter from whom such material is received. List only one source per line. If you are sending such materials off-site, then print the name of your business in this space.

Column B. Date: Fill in the date used oil (filters optional) is collected from source or shipped to a destination

Column C. (Optional) Number of Filters: Enter the number of filters handled by direct count, or from the following table:

One 55-gallon drum of crushed used oil filters = approximately 400 used oil filters
One 55-gallon drum of uncrushed used oil filters = approximately 250 used oil filters
One ton of drained used oil filters = approximately 2,350 used oil filters

Column D. Gallons of Used Oil: Enter the total number of gallons received from each used oil source or shipped to a destination in Column G.

Column E. Type Code: Enter the type code (from the table below) of the used oil.

Column F. End Use Code: Enter the end use code (from the table below) of the used oil.

Column G. Destination of Used Oil/Filters: Print the listed information for each location to which used oil/filters are delivered. If the used oil/waste/filters are stored, processed or end-used at your facility, then print your company information here.

Column H. State: Record whether the used oil/filters were picked up/delivered to a facility outside of Florida by marking the box. If the facility was located within Florida, leave this box empty.

Box I. Total Collected: Record the total number of gallons (from this page) collected, by type and source.

Box J. Total Managed: Record the total number of gallons (from this page) Managed, by type and source.

TYPE CODE	END USE CODE
A - Automotive: Includes spent engine oil from cars, trucks, trains, boats, planes, farm equipment and other off-road automotive engines as well as such related automotive lubricants as transmission fluids, brake fluids, and gear lubricants. I - Industrial: Includes spent oils from industrial operations such as compressor turbine and bearing oils, hydraulic oils, metalworking oils, gear oils, electrical oils, refrigeration oils, tank bottoms, industrial process oils, and oil from ships. M - Mixed: means a mixture of industrial and automotive oils. This term should be used only when it is impossible to determine the type of oil when its source is considered	N - Shipment transferred to another facility for storage or processing (not an end use). O - Marketed as an on-specification used oil fuel. F - Marketed as an off-specification used oil fuel. I - Marketed for an industrial process (includes processing into asphalt, use in phosphate mining beneficiation, processing lube base stocks by re-refining, and use a form or chain oil). B - Burned as an off-specification used oil fuel. D - Disposed of by being landfilled, treated at a wastewater treatment unit, or incinerated (includes disposal of bottom sediments, water, or other oily wastes).

Any questions concerning this form may be referred to the Used Oil Coordinator, MS 4555, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, FL 32399-2400, Phone (850) 245-8707.

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TABLE 7

JANUARY ENVIRONMENTAL SERVICES, INC
1920 STATE ROAD 60 W
BARTOW, FLORIDA 33830
FLD 982 162 943

FACILITY EMERGENCY EQUIPMENT

Equipment	Quantity	Type	Capabilities	Location
Communication System	2	Telephone	Call Emergency Responders/Numbers. Alert workers	Office
Fire Alarm (A)	1	Horn	Warn in case of Fire	Office area
Fire Extinguisher	4	ABC (dry chemical)	Put out fire	Throughout the tank area, building and the property
Hydrant	1	Water	Put out fire	Central area east of sec. containment #3
Eye Wash Station (EW)	1	Water	Clean in case of emergency	Inside the warehouse building
Respirators ®	2	Full face with cartridges	Purify air	Inside the warehouse building
Spill Pads (S)	1 roll	Synthetic	Clean up spill	Inside the warehouse building and near the sec. containment #4
Spill Kits (S)	2 drums	Clay	Clean up spill	
Empty Drums	2	1A1 Steel	Clean up spill, store material	
Spill Pumps	1	Diaphragm	Pump up material	
First Aid Kit	1	Industrial	Provide First AID	
Pressure Washer (P)	1	2,500 psi	Clean up area/spill	
PPE	1	Tyvex coveralls, safety glasses, rubber gloves	Splash protection of employees	

Refer to **Figure 8**, for the location of the above referenced equipment.


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Table 8

JANUARY ENVIRONMENTAL SERVICES, INC

1920 STATE ROAD 60 W
BARTOW, FLORIDA 33830
FLD 982 162 943

WEEKLY & MONTHLY INSPECTION CHECKLIST FORM

Equipment Identification	Date		Condition								Notes
	Weekly	Monthly	Leaks		Corrosion		Wear		Other		
			Y	N	Y	N	Y	N	Y	N	
Aboveground Storage Tanks											
Visually examine AST's for condition and maintenance requirements.											
Visually examine the general condition of above ground valves and pipelines. Items examined are flange points, valve glands and bodies, drip pans, and metal surfaces.											
Inspect field drainage ditches, road ditches, oil traps, sumps, or skimmers, and natural drainage areas for oil sheens, or other possible discrepancies.											
Inspect dikes or other secondary containment structures for damage and deterioration.											
If any irregularity is found, report it to the supervisor and correct the problem as soon as possible.											
Equipment											
Centrifuges, separator & all other Equipment											
Process Piping											
Valves											
Secondary Containments											
Safety Equipment: Fire extinguishers, First Aid Kit, etc											
Drums, roll offs											

Notes:

1. Place a check mark in the appropriate column to indicate a yes/no response. Corrective actions should be described in the Notes column.


Signature: _____

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
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TABLE 9
EMERGENCY CONTACT LIST

Local Authority / Agency	Phone Numbers	Contact Period
Bartow Police Department Address: 450 N Broadway Ave, Bartow, FL 33830	911 Phone:(863) 534-5034 (Non-Emergencies)	Immediately
Polk County Office of Emergency Management Address: 602 E Church St # 165, Livingston, TX 77351	911 (936) 327-6826	Immediately
Bartow Fire Department Department of Fire-Rescue Address: 110 E Church St, Bartow, FL 33830	(863) 534-5044	Immediately
Emergency Medical Service	911	As Needed
D.E.P. Southwest District - TAMPA 13051 N. Telecom Parkway Temple Terrace, FL 33637	813-470-5700	Within 24 hours
Florida Department of Environmental Protection – Southeast District Office 3301 Gun Club Rd, West Palm Beach, FL 33406	*Normal Business Hours: (561) 681-6600	Within 24 hours
Florida Department of Environmental Protection Bob Martinez Center 2600 Blair Stone Tallahassee, Florida, 32399-2400	Normal Business Hours Office:(850) 245-8707 24 hour Emergency Number: (850) 413-9911 FDEP State Watch Office: (800) 320-0519	Within 24 hours
Florida Division of Emergency Management (aka Florida State Warning Point) 2555 Shumard Oak Boulevard Tallahassee, Florida 32399-2100	FDEP State Watch Office: (800) 320-0519	Within 24 hours
U.S. EPA Office of Emergency Management Ariel Rios Building (5104A) 1200 Pennsylvania Avenue, NW Washington, DC 20460	(404) 562-8700	As Needed
Bartow Regional Medical Center 2200 Osprey Blvd, Bartow, FL 33830	(863) 533-8111	As Needed
EPA Emergency Hotline	404 562 8700	As Needed
Primary Emergency Coordinator (EC) Loren January, GM Manager Southeast region Address: 1920 State Road 60W, Bartow, Florida 33830	Office – 863 534 8478 Cell – 405 826 7062 Email: loren@januaryservices.com	Immediately
Corporate Secondary Emergency Coordinator (SEC) Cris January, Owner Address: 1920 State Road 60W, Bartow, Florida 33830	Office – 405 670 2030 Cell – 727 366 9910 Email: cris@januaryservices.com	Immediately
Central Florida Regional Planning Council 555 E Church St, Bartow, FL 33830	(863) 534-7130	As Needed
Hazardous Materials Clean-up Contractors: Enviro-Tek 3007 North 50 th Street Tampa, Florida 33619	813 909 0040 dstedji@envirotek1.com	As Needed

Notes: *JANUARY ENVIRONMENTAL SERVICES, INC has instructed their personnel which numbers to call in case of emergencies.

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Table 10 Closure Estimate Form Page 1


TABLE 10. CLOSURE COST ESTIMATE SUMMARY & LIST OF ACTIVITIES FOR THE JANUARY ENVIRONMENTAL SERVICES, INC				
USED OIL PROCESSING FACILITY CLOSURE PLAN (EPA I.D. No. FLD 982 162 943)				
DESCRIPTION/ACTIVITY	QUANTITY	UNIT	UNIT COST (\$)	TOTAL COST (\$)
Task 1 - Listing of tanks, piping and other equipment that will be cleaned/closed				
JESI to disengage all processing equipment	40	HR	\$0.00	\$0.00
Third Party Contractor Services (electricians, plumbers, recyclers, etc) to assist equipment dismantling	40	HR	\$70.00	\$2,800.00
Consulting Services (Project Planning, sub contractor mgmt, communication with client & regulators)	20	HR.	\$95.00	\$1,900.00
PSSC to supervise tank venting, cleaning, removal and disposal to scrap metal recyclers	40	HR.	\$70.00	\$2,800.00
Removal & disposal of drums from used Oil Filter Drum Storage Area	4	HR	\$70.00	\$280.00
Removal & Disposal of processing equipment by third-party vendors	1	HR.	\$2,000.00	\$2,000.00
Consulting Services : Construction Monitoring	40	HR.	\$95.00	\$3,800.00
Equipment costs	1	LS	\$1,500.00	\$1,500.00
Misc. Direct costs	1	LS	\$500.00	\$500.00
Subtotal cost (\$)				\$12,780.00
Task 2 - Decontamination Plan				
Third Party Contractor Services (Supervisor, Technician, Labor (x3) for cleaning & decontamination of the tanks, piping, sec. containments & equipment	100	HR.	\$70.00	\$7,000.00
Waste characterization of liquids and solids	5	EA.	\$500.00	\$2,500.00
Transportation and Disposal of non RCRA used oil, PCW	3000	EA.	\$0.35	\$1,050.00
Transportation and Disposal of non RCRA sludge	1000	GAL.	\$1.00	\$1,000.00
Transportation & Disposal of six (6) 55 gallon drums of absorbents, 20 bins of used oil filters and twenty three (23) 55-gallon drums of used oil filters	49	EA.	\$75.00	\$3,675.00
Third-party Recyclers disposal fee (misc)	1	EA.	\$500.00	\$500.00
Equipment Costs	3	DAY	\$200.00	\$600.00
- Vacuum truck w/operator	24	HR.	\$100.00	\$2,400.00
- Air Monitoring Equip for confined space entry	3	EA.	\$85.00	\$255.00
- Supply air system for confined space entry	1	EA.	\$120.00	\$120.00
- Level B PPE	4	EA.	\$75.00	\$300.00
- Jetter w/operator for cleaning tanks and piping, secondary containment	5	EA.	\$75.00	\$375.00
Mileage	100	mile	\$0.55	\$55.00
Consulting Services : Construction Monitoring	40	HR.	\$95.00	\$3,800.00
Equipment costs	1	LS	\$500.00	\$500.00
Misc. Direct Costs	1	LS	\$1,000.00	\$1,000.00
Subtotal cost (\$)				\$25,130.00
Task 3 - Sampling Methods (Used Oil Group Analysis - 62-780, FAC)				
Transport truck (x2) final rinsate liquid samples	2	EA.	\$550.00	\$1,100.00
Transport truck (x2) sludge samples	1	EA.	\$550.00	\$550.00
Overhead piping final rinsate liquid samples	5	EA.	\$550.00	\$2,750.00
Overhead piping sludge samples	3	EA.	\$225.00	\$675.00
Containment piping final rinsate liquid samples	5	EA.	\$550.00	\$2,750.00
Containment piping sludge samples	3	EA.	\$225.00	\$675.00
Storage tanks final rinsate liquid samples	12	EA.	\$550.00	\$6,600.00
Storage tanks sludge samples (consolidated)	2	EA.	\$225.00	\$450.00
Drums samples from Secondary containment #4	1	EA.	\$225.00	\$225.00
Consulting Services : Construction Monitoring	16	EA.	\$95.00	\$1,520.00
Equipment Costs	3	DAY	\$200.00	\$600.00
Misc. Direct Costs	1	LS	\$500.00	\$500.00
Subtotal cost (\$)				\$18,395.00

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Table 10 Closure Estimate Form Page 2


TABLE 10. CLOSURE COST ESTIMATE SUMMARY & LIST OF ACTIVITIES FOR THE JANUARY ENVIRONMENTAL SERVICES, INC				
USED OIL PROCESSING FACILITY CLOSURE PLAN (cont) EPA LD. No. FLD 982 162 943				
DESCRIPTION/ACTIVITY	QUANTITY	UNIT	UNIT COST (\$)	TOTAL COST (\$)
Task 4 - Soil and Groundwater Assessment				
Driller Mobilization	1	EA.	\$300.00	\$300.00
Concrete coring & mobilization (Driller)	40	EA.	\$175.00	\$7,000.00
Installation of shallow monitoring wells (Driller)	9	EA.	\$450.00	\$4,050.00
Soil Boring Sample Analysis				
Used Oil Group Analysis - 62-780, FAC	20	EA.	\$550.00	\$11,000.00
TCLP Extraction & analysis	4	EA.	\$300.00	\$1,200.00
Groundwater Sampling Analysis				
Used Oil Group Analysis - 62-780, FAC	9	EA.	\$550.00	\$4,950.00
TCLP Extraction & analysis	4	EA.	\$300.00	\$1,200.00
Field Equipment Costs	3	DAY	\$500.00	\$1,500.00
Consulting Services	36	EA.	\$95.00	\$3,420.00
Construction Monitoring	25	HR.	\$95.00	\$2,375.00
Misc. Direct Costs	1	LS	\$500.00	\$500.00
Subtotal cost (\$)				\$26,145.00
Task 5 - Data Evaluation, Certification & Closure Report				
Professional Engineer, P.E.,	16	EA.	\$150.00	\$2,400.00
Professional Geologist, P.G.,	40	EA.	\$115.00	\$4,600.00
Project Manager	40	EA.	\$95.00	\$3,800.00
Draftsman/Cadd	16	EA.	\$75.00	\$1,200.00
Field Technician/Sampler	60	EA.	\$70.00	\$4,200.00
Editor	5	EA.	\$65.00	\$325.00
Admin/Clerical	16	EA.	\$45.00	\$720.00
Misc. Direct Costs	1	EA.	\$1,500.00	\$1,500.00
Subtotal cost (\$)				\$18,745.00
SUBTOTAL CLOSING COSTS (Task 1 thru 5)				\$101,195.00
Contingency (10%)				\$10,119.50
TOTAL CLOSING COSTS (Task 1 thru 6)				\$111,314.50
Notes:				
Engineering (On-site inspections and QA are included in the estimate above)				

Project No. 021709	
https://d.docs.live.net/f21d013299119990/GeoTech	
Environmental/Projects/2017/021709 - January Environmental^J Inc -	
Application and Modification 2017/10 - Report/2017-06-30_Renewal of	
Used Oil Permit Application_n1_BK.docx	

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

ATTACHMENT A1

A1: FDEP REQUEST FOR ADDITIONAL INFORMATION (RAI) LETTER DATED APRIL 21, 2017

Project No. 021709	
https://d.docs.live.net/f21d013299119990/GeoTech Environmental/Projects/2017/021709 - January Environmental^J Inc - Application and Modification 2017/10 - Report/2017-06-30_Renewal of Used Oil Permit Application nl BK.docx	



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Ryan E. Matthews
Interim Secretary

REQUEST FOR ADDITIONAL INFORMATION

April 21, 2017

Mr. Cris January, January Environmental Services, Inc. Owner
1920 State Road 60 West
Bartow, Florida 33830
Cris@januaryservices.com

Re: **First Request for Additional Information (RAI)**
Polk County – Hazardous Waste
Facility Name: January Environmental Services, Inc.
Facility ID: FLD 982 162 943
DEP Application No.: 307171-HO-004/307171-SO-005

Dear Mr. January:

Thank you for your application for renewal permit for the above referenced Facility. The Department has assigned DEP Application No. 307171-HO-004/307171-SO-005 to the application. A Department staff review of the application and supporting documentation submitted on April 12, 2017, indicates the application is incomplete. Pursuant to the provisions of Rule 62-710.800(3) F.A.C., 62-730.220 F.A.C. and Rule 62-730.220(6), F.A.C., please provide the information listed below and refer to this correspondence in your response. The response to this correspondence must be signed, sealed, and dated by a registered Florida Professional Engineer.

1. The submitted application consisted of the Used Oil Processing Facility Permit Application Form, DEP Form 62-710.901(6), but was lacking any attachments. Please submit a complete permit application including all updated attachments.
2. The Permittee also needs to submit the Solid Waste Permit Application Form, DEP Form 62-701.900(4), including all updated attachments.

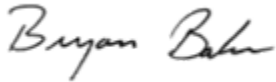
In order for the Department to continue processing your application, please submit the requested information as soon as possible. The Department must receive a response within 30 days of the date of this letter, that is on or before May 22, 2017 unless a written request for additional time to provide the requested information is submitted and approved. Pursuant to Rule 62-730.220(6), F.A.C. and Section 120.60, F.S., failure of an applicant to provide the timely requested information by the applicable deadline may result in denial of the application. You are encouraged to contact this office to discuss the items requested to assist you in developing a complete and adequate response.

Please submit the response in electronic format to HWPP@dep.state.fl.us, with a copy to

Bheem.kothur@dep.state.fl.us. If the file is very large, you may post it to a folder on this office's ftp site at: [ftp://ftp.dep.state.fl.us/pub/incoming/DWM/\[name of folder\]](ftp://ftp.dep.state.fl.us/pub/incoming/DWM/[name of folder]). After posting the document, send an e-mail to HWPP@dep.state.fl.us, with a copy to Bheem.kothur@dep.state.fl.us, alerting us that it has been posted.

If you have any questions, please contact Bheem Kothur by telephone at 850-245-8781 or by e-mail at Bheem.kothur@dep.state.fl.us.

Sincerely,

A handwritten signature in cursive script that reads "Bryan Baker".

Bryan Baker, P.G.
Environmental Administrator
Florida Department of Environmental Protection

BB/bk

cc:

Brian Bastek, EPA Region 4, bastek.brian@epa.gov

Carlos Merizalde, EPA Region 4, merizalde.carlos@epa.gov

Elizabeth Knauss, FDEP Southwest District, Elizabeth.knauss@dep.state.fl.us


Susan Eldredge, FDEP Headquarters, susan.f.eldredge@dep.state.fl.us

Loren January, January Environmental Services, loren@januaryservices.com

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

ATTACHMENT A2

A2: USED OIL PROCESSING FACILITY PERMIT APPLICATION

Project No. 021709	
https://d.docs.live.net/f21d013299119990/GeoTech Environmental/Projects/2017/021709 - January Environmental^J Inc - Application and Modification 2017/10 - Report/2017-06-30_Renewal of Used Oil Permit Application nl BK.docx	

USED OIL PROCESSING FACILITY PERMIT APPLICATION

Part I

TO BE COMPLETED BY ALL APPLICANTS (*Please type or print*)

A. General Information

1. New ☐ Renewal ☒ Modification ☐ Date current permit expires 4/15/17

2. Revision number 0

3. NOTE: Used Oil Processors must also meet all applicable subparts, (describe compliance in process description for applicable standards) if they are:

- ☐ Generators (Subpart C of Part 279)
☒ Transporters (Subpart E)
☐ Burners of off-spec used oil (Subpart G)
☐ Marketers (Subpart H)
☐ are disposing of used oil (Subpart I)

4. Date current operation began: 1/2006

5. Facility name: January Environmental Services, Inc

6. EPA identification number: FLD 982 162 943

8. Facility mailing address:

<u>1920 State Road 60 W</u>	<u>Bartow</u>	<u>Florida</u>	<u>33830-4261</u>
Street or P.O. Box	City	State	Zip Code

9. Contact person: Chris January Telephone: (405) 670 2030

Title: Owner Email: Chris @januaryservices.com

Mailing Address:

<u>2701 S. Prospect Avenue</u>	<u>Oklahoma City</u>	<u>OK</u>	<u>73129-6451</u>
Street or P.O. Box	City	State	Zip Code

10. Operator's name: Chris January Telephone: (405) 670 2030

Mailing Address:

<u>2701 S. Prospect Avenue</u>	<u>Oklahoma City</u>	<u>OK</u>	<u>73129-6451</u>
Street or P.O. Box	City	State	Zip Code

11. Facility owner's name: Chris January Telephone: (405) 670 2030

Mailing Address:

<u>2701 S. Prospect Avenue</u>	<u>Oklahoma City</u>	<u>OK</u>	<u>73129-6451</u>
Street or P.O. Box	City	State	Zip Code

12. Legal structure:

- ☒ Corporation (indicate state of incorporation) Oklahoma
☐ Individual (list name and address of each owner in spaces provided below)
☐ Partnership (list name and address of each owner in spaces provided below)
☐ Other, e.g., government (please specify) _____

If an individual, partnership, or business is operating under an assumed name, enter the county and state where the name is registered: County Polk State Florida

Name: _____
Mailing Address: _____

Street or P.O. Box _____ City _____ State _____ Zip Code _____

Name: _____
Mailing Address: _____

Street or P.O. Box _____ City _____ State _____ Zip Code _____

Name: _____
Mailing Address: _____

Street or P.O. Box _____ City _____ State _____ Zip Code _____

Name: _____
Mailing Address: _____

Street or P.O. Box _____ City _____ State _____ Zip Code _____

13. Site ownership status: ☒ owned ☐ to be purchased ☐ to be leased _____ years
☐ presently leased; the expiration date of the lease is: _____

If leased, indicate: Land owner's name: _____

Mailing Address: _____

_____ Bartow _____ Florida _____ 33830-4261

Street or P.O. Box _____ City _____ State _____ Zip Code _____

14. Name of professional engineer Irving E. Abcug Registration No. 28376

Mailing Address: _____

7737 N. University Drive, Suite 206 _____ Tamarac _____ Florida _____ 33321

Street or P.O. Box _____ City _____ State _____ Zip Code _____

Associated with: GeoTech Environmental, Inc

B. SITE INFORMATION

1. Facility location:

County: Polk

Nearest community: Bartow

Latitude: 27° 53' 52.6842" Longitude: -81° 51' 46.5618"

Section: 12 Township: 30 South Range: 24 East

UTM # 415072.55 / 3086199.11 / 17R / _____

2. Facility size (area in acres): 5.18

3. Attach a topographic map of the facility area and a scale drawing and photographs of the facility showing the location of all past, present and future material and waste receiving, storage and processing areas, including size and location of tanks, containers, pipelines and equipment. Also show incoming and outgoing material and waste traffic pattern including estimated volume and controls.

The facility's detailed process description is labeled as Attachment B

C. OPERATING INFORMATION

1. Hazardous waste generator status (SQG, LQG, Etc.) CESQG
2. List applicable EPA hazardous waste codes:

None

3. Attach a brief description of the facility operation, nature of the business, and activities that it intends to conduct, and the anticipated number of employees. No proprietary information need be included in this narrative.

A brief description of the facility operation is labeled as Attachment C

4. A detailed description of the process flow should be included. This description should discuss the overall scope of the operation including analysis, treatment, storage and other processing, beginning with the arrival of an incoming shipment to the departure of an outgoing shipment. Include items such as size and location of tanks, containers, etc. A detailed site map, drawn to scale, should be attached to this description. [See item four (4), page four (4) of the instructions.]

The facility's detailed process description is labeled as Attachment D

5. The following parts of the facility's operating plan should be included as attachments to the permit application. [See item five (5), page four (4) of the instructions.]

- a. An analysis plan which must include:
 - (i) a sampling plan, including methods and frequency of sampling and analyses;
 - (ii) a description of the fingerprint analysis on incoming shipments, as appropriate; and
 - (iii) an analysis plan for each outgoing shipment (one batch/lot can equal a shipment provided the lots are discreet units) to include: metals and halogen content

The analysis plan is labeled as Attachment G

- b. A description of the management of sludges, residues and byproducts. This must include the characterization analysis as well as the frequency of sludge removal.

Sludge, residue and byproduct management description is labeled as Attachment G

- c. A tracking plan which must include the name, address and EPA identification number of the transporter, origin, destination, quantities and dates of all incoming and outgoing shipments of used oil.

The tracking plan is included as Attachment H

6. Attach a copy of the facility's preparedness and prevention plan. This requirement may be satisfied by modifying or expounding upon an existing SPCC plan. Describe how the facility is maintained and operated to minimize the possibility of a fire, explosion or any unplanned releases of used oil to air, soil, surface water or groundwater which could threaten human health or the environment. [See item six (6), page five (5) of the instructions.]

The preparedness and prevention plan is labeled as Attachment I

7. Attach a copy of the facility's Contingency Plan. This requirement should describe emergency management personnel and procedures and may be met using a modifying or expounding on an existing SPCC plan or should contain the items listed in the Specific Instructions. [See item seven (7), page five (5) of the instructions.]

The contingency plan is labeled as Attachment J

8. Attach a description of the facility's unit management for tanks and containers holding used oil. This attachment must describe secondary containment specifications, inspection and monitoring schedules and corrective actions. This attachment must also provide evidence that all used oil process and storage tanks meet the requirements described in item 8b on page 6 of the specific instructions, and should be certified by a professional engineer, as applicable.

The unit management description is labeled as Attachment PA

9. Attach a copy of the facility's Closure plan and schedule. This plan may be generic in nature and will be modified to address site specific closure standards at the time of closure. [See item nine (9), page six (6) of the instructions.]

The closure plan is labeled as Attachment I

10. Attach a copy of facility's employee training for used oil management. This attachment should describe the methods or materials, frequency, and documentation of the training of employees in familiarity with state and federal rules and regulations as well as personal safety and emergency response equipment and procedures. [See item ten (10), page seven (7) of the instructions.]

A description of employee training is labeled as Attachment J

APPLICATION FORM FOR A USED OIL PROCESSING PERMIT

PART II - CERTIFICATION

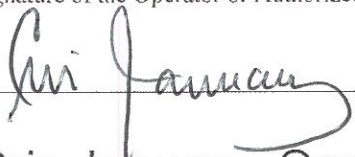
TO BE COMPLETED BY ALL APPLICANTS

Form 62-710.901(6) Operator Certification

Facility Name: January Environmental Services, Inc EPA ID# FLD 962 162 943

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or knowing violations. Further, I agree to comply with the provisions of Chapter 403, Florida Statutes, Chapters 62701 and 62-710, F.A.C., and all rules and regulations of the Department of Environmental Protection

Signature of the Operator or Authorized Representative*


Cris January, Owner

Name and Title (Please type or print)

Date: 6/30/2017 Telephone: (405) 670 2030

* If authorized representative, attach letter of authorization.

APPLICATION FROM FOR A USED OIL PROCESSING PERMIT

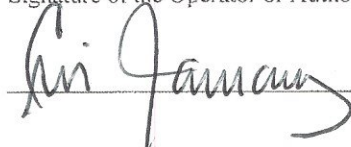
PART II - CERTIFICATION

Form 62-710.901(6) Facility Owner Certification

January Environmental Services, Inc. EID 982 162 943
Facility Name: _____ EPA ID# _____

This is to certify that I understand this application is submitted for the purpose of obtaining a permit to construct, or operate a used oil processing facility. As the facility owner, I understand fully that the facility operator and I are jointly responsible for compliance with the provisions of Chapter 403, Florida Statutes, Chapters 62-701 and 62-710, F.A.C., and all rules and regulations of the Department of Environmental Protection.

Signature of the Operator or Authorized Representative*



Cris January, Owner

Name and Title (Please type or print)

Date: 6/30/17 Telephone: (405) 670 2030

* If authorized representative, attach letter of authorization.

APPLICATION FROM FOR A USED OIL PROCESSING PERMIT

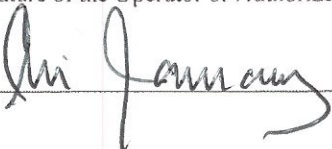
PART II - CERTIFICATION

Form 62-710.901(6) Land Owner Certification

Facility Name: January Environmental Services, Inc EPA ID# FLD 882 162 943

This is to certify that I, as land owner, understand that this application is submitted for the purpose of obtaining a permit to construct, or operate a used oil processing facility on the property as described.

Signature of the Operator or Authorized Representative*



Cris January, Owner

Name and Title (Please type or print)

Date: 6/30/17 Telephone: (405) 670 2030

* If authorized representative, attach letter of authorization.

APPLICATION FORM FOR A USED OIL PROCESSING PERMIT

PART II - CERTIFICATION

Form 62-710.901(6) P. E. Certification [Complete when required by Chapter 471, F.S. and Rules 62 - 4.050, 62-761, 62-762, 62-701 and 62-710, F.A.C.]

Use this form to certify to the Department of Environmental Protection for:

1. Certification of secondary containment adequacy (capacity), structural integrity (structural strength), and underground process piping for storage tanks, process tanks, and container storage.
2. Certification of leak detection.
3. Substantial construction modifications.
4. Those elements of a closure plan requiring the expertise of an engineer.
5. Tank design for new or additional tanks.
6. Recertification of above items.

Please Print or Type

Initial Certification ☒ Recertification

1. DEP Facility ID Number: FLD 982 162 943 2. Tank Numbers: 12
3. Facility Name: January Environmental Services, Inc
4. Facility Address: 1920 State Road 60 W, Bartow, Florida 33830-4261

This is to certify that the engineering features of this used oil processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly constructed, maintained and operated, or closed, will comply with all applicable statutes of the State of Florida and rules of the Department of Environmental Protection.

Signature

Irving E. Abcug, P.E.

Name (please type)

Florida Registration Number: 28376

Mailing Address: 7737 N. University Drive, Suite 206

Street or P. O. Box

Tamarac

FL

33321

City

State

Zip

Date: 6/30/2017 Telephone () 954 597 9100


[PLEASE AFFIX SEAL]

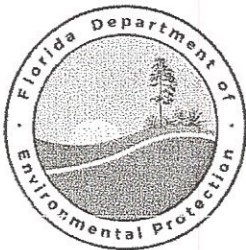
Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

ATTACHMENT A3

A3:APPLICATION TO CONSTRUCT, OPERATE, OR MODIFY A WASTE PROCESSING FACILITY (DEP FORM #:62-701.900(4))



Project No. 021709	
https://d.docs.live.net/f21d013299119990/GeoTech Environmental/Projects/2017/021709 - January Environmental^J Inc - Application and Modification 2017/10 - Report/2017-06-30_Renewal of Used Oil Permit Application nl BK.docx	



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(4), F.A.C.

Form Title: Application to Construct, Operate, or
Modify a Waste Processing Facility

Effective Date: February 15, 2015

Incorporated in Rule: 62-701.710(2), F.A.C.

APPLICATION TO CONSTRUCT, OPERATE, OR MODIFY A WASTE PROCESSING FACILITY

GENERAL REQUIREMENT: Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes (F.S.) and in accordance with Florida Administrative Code (F.A.C.) Chapter 62-701. A minimum of four copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with subsection 62-701.315(4), F.A.C., shall be submitted with the application by check made payable to the Department of Environmental Protection (DEP). ~~Complete appropriate sections for the type of facility indicated by the application.~~ made and include all additional information, drawings, and reports necessary to evaluate the facility.

Please Type or Print in Ink

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

☐ Transfer Station:

☐ C&D

☐ Class III

☐ Class I

☐ Other Describe: _____

☐ Materials Recovery Facility:

☐ C&D Recycling

☐ Class III MRF

☐ Class I MRF

☐ Other Describe: _____

☒ Other Facility That Processes But Does Not Dispose Of Solid Waste On-Site:

☐ Storage, Processing or Disposal for Combustion Facilities (not addressed in another permit)

☒ Other Describe: Used Oil Processing Facility

NOTE: C&D Disposal facilities that also recycle C&D, shall apply on DEP FORM 62-701.900(6), F.A.C.

2. Type of application:

☐ Construction/Operation

☐ Operation without Additional Construction

3. Classification of application:

☐ New

☐ Substantial Modification

☒ Renewal

☐ Intermediate Modification

☐ Minor Modification

4. Facility name: January Environmental Services, Inc

5. DEP ID number: 9101026 County: Polk

6. Facility location (main entrance): 1920 Highway 60 W, Bartow, Florida 33830

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8300

Northeast District
7825 Baymeadows Way, Ste. 200B
Jacksonville, FL 32256-7590
904-256-1700

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-5767
407-897-4100

Southwest District
13051 N. Telecom Pky.
Temple Ter., FL 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3891
239-344-5600

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

7. Location coordinates:
Section: 12 Township: 30 South Range: 24 East
Latitude: 27 .897 ,968 " Longitude: -81 .862 ,934 "
Datum: NA Coordinate Method: NA
Collected by: Polk County Property Appraisers Company/Affiliation: Polk County
8. Applicant name (operating authority): January Transport, Inc
Mailing address: 2701 S. Prospect Avenue, Oklahoma City, OK 73129-6451
Street or P.O. Box City State Zip
Contact person: Cris January Telephone: (405) 670 2030
Title: Owner Cris@januaryservices.com
E-Mail address (if available)
9. Authorized agent/Consultant: Cris January
Mailing address: 2701 S. Prospect Ave, Oklahoma City, OK 73129-6451
Street or P.O. Box City State Zip
Contact person: Cris January Telephone: (405) 670 2030
Title: Owner Cris@januaryservices.com
E-Mail address (if available)
10. Landowner (if different than applicant): _____
Mailing address: _____
Street or P.O. Box City State Zip
Contact person: _____ Telephone: () _____
E-Mail address (if available)
11. Cities, towns and areas to be served: Florida
12. Date site will be ready to be inspected for completion: 7/31/2017
13. Estimated costs:
Total Construction: \$ NA Closing Costs: \$ 111,314.50
14. Anticipated construction starting and completion dates:
From: NA To: NA
15. Expected volume of waste to be received: 0.12 yds³/day _____ tons/day

16. Provide a brief description of the operations planned for this facility: Used oil processing and storage for disposal.
Storing of drummed solid waste that includes used oil and oil filters.

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required.

1. Provide a description of the operation of the facility that shall include (62-701.710(2)(a), F.A.C.):
 - a. ~~The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;~~
 - b. ~~The expected daily average and maximum weights or volumes of materials to be managed or processed;~~
 - c. ~~How the materials will be managed or processed;~~
 - d. ~~How the materials will be managed or processed, including locations of the loading, unloading, sorting, processing and storage areas;~~
 - e. ~~The types of equipment that will be used;~~
 - f. ~~The maximum time materials will be stored at the facility;~~
 - g. ~~The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and~~
 - h. ~~The expected disposition of materials after leaving the facility.~~
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (62-701.710(2)(b), F.A.C.). **Refer to Figure 2 and Figure 3**
3. Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.). **See Fig 1 and 2**
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (62-701.710(2)(d), F.A.C.). **No substantial Change**
5. Provide an operation plan that describes how the applicant will comply with subsection 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (62-701.710(2)(e), F.A.C.). **See Attachment C - No substantial Change**
6. Provide a closure plan that describes how the applicant will comply with subsection 62-701.710(6), F.A.C. (62-701.710(2)(f), F.A.C.). **See Attachment I - No substantial Change**
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (62-701.710(2)(g), F.A.C.). **See Attachment H - No substantial Change**
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (62-701.710(2)(h), F.A.C.). **To be provided by Client at a later date**
9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2), F.A.C. and 62-701.320(7)(i), F.A.C.)
Not applicable
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)
No Change from previous permit submittal.

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of January Transport, Inc

is aware that statements made in this form and attached information are an application for a waste processing
facility

Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Permit is not transferable, and the Department will be notified prior to the sale or legal transfer of the permitted facility.



Signature of Applicant or Agent
Cris January

Name and Title (please type)
cris@januaryservices.com

E-Mail address (if available)

2701 S. Prospect Avenue

Mailing Address
Oklahoma City, OK 73129-6451

City, State, Zip Code
(405) 670 2030

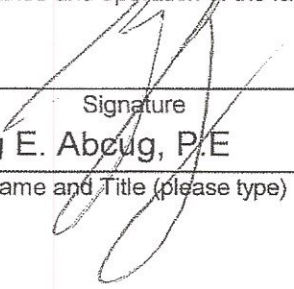
Telephone Number
7/5/2017

Date

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

2. Professional Engineer registered in Florida (or Public Officer if authorized under Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this waste processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.



Signature
Irving E. Abzug, P/E

Name and Title (please type)
28376

Florida Registration Number
(please affix seal)

7737 N. University Dr, ste 206

Mailing Address
Tamarac, FL 33321

City, State, Zip Code
neil@geotech-usa.com


E-Mail address (if available)
(954) 597 9100

Telephone Number
7/5/2017

Date

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

ATTACHMENT B
PROCESS FLOW

Project No. 021709	
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Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

B: FACILITY'S DETAILED PROCESS DESCRIPTION

B1 General

As required in the DEP Form 62-710.901(6) (effective date 4-23-13), the Department should refer to the following information:

Figure 1 is the standard USGS contour map that provides a map scale and date.

Figure 2 shows the facility area indicating all current and proposed storage tanks location, processing areas, where the used oil is received, stored and off loaded, and secondary containment areas including the location of waste material storage. **Figure 6** shows the 100-year flood plain area (FEMA Map).

A waste traffic flow pattern is also shown in **Figure 7** which is the same and not changed from the existing permit. **Table 1** provides the tank size, date of installation, specifications, volumes, and including dimensions of the secondary containment areas.

In accordance to 40 CFR 279.56, JESI maintains a record of each used oil shipment accepted for processing. Records for each shipment will include at a minimum the following acceptance and delivery information:

1. The name and address of the transporter who delivered the used oil to the processor/re-refiner.
2. The name and address of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining.
3. The EPA identification number of the transporter who delivered the used oil to the processor/re-refiner.
4. The EPA identification number (if applicable) of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining.
5. The quantity of used oil accepted; and the date of acceptance.

B2 Delivery Information


JESI will keep a record of each shipment of used oil that is shipped offsite. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name and address of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility.
2. The name and address of the burner, processor/re-refiner or disposal facility who will receive the used oil.
3. The EPA identification number of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility.
4. The EPA identification number of the burner, processor/re-refiner, or disposal facility who will receive the used oil
5. The quantity of used oil shipped; and the date of shipment.

The records described above will be maintained for at least three years.

B3 Transportation

All used oil accepted by JESI vehicles will be delivered to the JESI facility for processing using the two tanker trucks currently owned by the firm. JESI will comply with all USDOT regulations as described in 40 CFR, which are applicable to JESI standard operation(s). Each JESI vehicle utilized for transporting used oil will contain a Spill Contingency Plan, cellular/two-way radiophone, fire extinguisher and Spill Containment Kit. All drivers will be

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trained as per the SPCC Plan and in accordance to the 40 CFR Part 112. If a spill occurs, JESI will take immediate action as described within the SPCC Plan and as required under 40 CFR Part 279.43 (2 through 5).

B4 Unloading and Loading Station


The truck wagon loading and unloading areas are located to the north of the property as shown in **Figure 2** for liquid wastes that arrive at the site. The product transfer will occur within the concrete ramp and secondary containment #1.

B5 Used Oil Processing

The used oil processing discussed in previous permit applications have changed as the Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway) are now removed.

B6 Byproduct Management


All waste sludge collected in the 10 cubic yard roll off located in the secondary containment will be analyzed, profiled, and characterized for disposal parameters required by approved recycling facilities.

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ATTACHMENT C

DESCRIPTION OF FACILITY OPERATIONS

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C: DESCRIPTION OF FACILITY OPERATIONS

C1 General

This portion of the application provides an overview of facility operations at the January Environmental Services, Inc (JESI) located at 1920 State Road 60 W, Bartow, Florida facility (Site/Facility/JESI). The facility/land is owned by Cris January d/b/a January Transport, Inc (JTI) and located at 2701 S. Prospect Avenue, Oklahoma, OK, 73129-6451. JTI is a family-owned and operated business that specializes in the wastewater management business since 1952. The waste management services are provided in various states.

C2 Facility Overview

JESI operates a Used Oil and Material Processing Facility on an approximately 5.18-acre parcel of land (property Folio # 24-30-01-000000-022010). JESI has been operating at the Site since 2006. Prior to their occupancy, the facility was formerly an Ashland Chemical facility that first opened in 1986. Refer to **Figure 1** for the USGS Topographic Map showing the facility location in relation to the general regional area. **Figure 2** is the Facility Site Plan that shows the location of various operations, warehouse, covered used oil/ant-freeze aboveground storage tanks (ASTs), secondary containment structures, drum and used oil filter storage area, truck wagon storage area, the rail car trailer loading & unloading area. The drum storage and used oil filter storage area is located inside the warehouse and is approximately 800 square feet. Six (6) 55-gallon drums of absorbents, 20 bins of used oil filters and twenty-three (23) 55-gallon drums of used oil filters are stored at the facility.


Figure 3 shows the location of the used oil single-walled ASTs and secondary containments. A detailed description of all ASTs (permitted and unpermitted) including tank capacity, secondary containment dimensions, and tanks is included in **Table 1**. All storage tanks are constructed of steel and are located within secondary containment that is sealed and impervious to petroleum products. The Facility has a security fence and the gate is locked when the Facility is unattended. It should be noted that the two-new proposed 20,000 gallon ASTs are onsite but not in use. Prior to use of these ASTs, these tanks will be registered with the Department within 30 days prior to installation.

C3 Permits

JESI has been issued two Permit Numbers 307171-HO-001 and 307171-SO-002, which expires on April 16, 2017. JESI is authorized to process used oil, accepts only non-hazardous, non-biological industrial wastewater, primarily from the following: petroleum contact water (PCW) consisting almost entirely of gasoline/diesel/water mixtures from petroleum storage facilities; industrial process wastewater; landfill leachate; wastewater from tank cleaning, transportation and environmental remediation sources. The Environmental Protection Agency (EPA) Hazardous Waste Program ID is FLD 982162943 and is designated as a Conditionally Exempt Small Quantity Generator (CESQG) that generates in any calendar month 100 kg/Month or less (220 lbs.) of non-acute hazardous waste and 1 kg (2.2 lbs.) or less of acute hazardous waste. The facility is currently registered for the following activities: Used Oil Transporter, Used Oil Transfer Facility, Used Oil Marketer, Used Oil Filter Transporter, Used Oil Filter Transfer Facility. Further, the facility is currently permitted/active as: No Active Hazardous Waste Treatment, Storage or Disposal Permit. The FDEP Bureau of Petroleum Storage Tank Program ID is 53-9101026.

C4 Operational Changes

In the previous permit application (4/2016), JESI had intended to increase the used oil storage and processing capacity by installing two (2) new additional 20,000-gallon single-walled steel ASTs for storage of used oil, which have not been installed to date. JESI has removed the Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway).


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ATTACHMENT D

FACILITY'S PROCESS DESCRIPTION

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D: FACILITY'S DETAILED PROCESS DESCRIPTION

D1 General

As previously requested and approved by FDEP, JESI intends to use the two 20,000-gallon single-walled steel Aboveground Storage Tanks (ASTs) containing used oil and designated as TK-107 and TK-108 in **Table 1**. Tank TK-107 is empty and has been installed within secondary containment # 5 while hard piping connection is anticipated to be installed later, while Tank TK-108, piping and secondary containment #6 is awaiting installation (see **Figure 2** and **Figure 3**).

Except for the already removed Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway), no other changes to the existing Permit Numbers 307171-HO-001 and 307171-SO-002, have occurred.

D2 Used Oil Processing

Currently, JESI is authorized to process used oil, accepts only non-hazardous, non-biological industrial wastewater, primarily from the following: petroleum contact water (PCW) consisting almost entirely of gasoline/diesel/water mixtures from petroleum storage facilities; industrial process wastewater; landfill leachate; wastewater from tank cleaning, transportation and environmental remediation sources.


JESI processes used oil by chemical or physical operations to make used oil more amenable for production of, fuel oils, lubricants, or other used oil-derived products for its vendors. Processing includes blending used oil with virgin petroleum products, blending used oils to meet the fuel specification found in 40 C.F.R. Part 279.11, filtration, simple distillation, chemical or physical separation and re-refining. Due to the nature of oil, used oil can be re-refined and returned to a high-quality base oil or to a usable condition or state. Re-refiners use various processes to remove contaminants, water, spent additives and any of the original remaining additives from the used oil. The result is the reclamation of approximately 75 to 80 percent of the original base stock. A further process of refining and blending is then carried out to produce finished products.

D3 Existing Tanks and Equipment

The facility currently has a total of ten (10) storage tanks mostly within concrete secondary containment structures #2 and 3 for the storage of used oil and including one 200-gallon used oil double-walled AST that contains oil products. The Facility utilizes two bulk transport tankers; one 5,500-gallon capacity and one 3,200-gallon capacity to collect used oil or oily water from outside vendors as shown in **Table 1**. Two vacuum trucks and one vacuum trailer are used for cleaning out oil-water separators at outside facilities and liquids are offloaded to approved industrial wastewater pretreatment facilities that handle all non-hazardous industrial wastewater. The two 23,625-gallon railcars are onsite but not utilized in a few years. The rail cars were previously used to ship water separated from the oil. The Department observed on 2/20/15, that JESI has not shipped any product via rail in the last few years. Additionally, there are two 5,600-gallon blend tanks, BT-301 and BT-302 located in secondary containment #3 that are being utilized processing used oil (**Figure 3**). GeoTech noted in previous reports that TK-105 was previously reported to store Anti-freeze solution, which is incorrect. JESI has confirmed that TK-105 is only used to store used oil.

D4 New Tank Farm Storage Area (TK-107 & TK-108)

The two new 20,000-gallon single-walled ASTs, TK-107 and TK-108 are U.L.142, Underwriters Laboratories, Inc., Steel vertical Aboveground Tanks for used oil liquids. The tanks are approximately 24 feet long by 12 feet in diameter located within secondary containment # 5 (**Figure 3**). In accordance to Rule 62-762, Florida Administrative Code

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(F.A.C), the ASTs are single-walled shop-fabricated tanks have to be installed in a dike field area for containment. Used oil from the tanker trucks will be transferred via 4-inch flex hoses within the truck wagon unloading area in secondary containment #1 (See **Figure 2**, Site Layout Map). The new ASTs will be piped directly to the ASTs piping in secondary containment #2 and therefore all used oil will be received/sent via these pipes. All ASTs installation shall comply in strict accordance with the most recent installation instructions provided by the tank manufacturer, PEI/RP200, UFC, NFPA 30, local ordinance, recognized engineering procedure, and including all requirements of the Florida Fire Prevention Code, and the N.F.P.A. Life Safety Codes.

Both ASTs (TK-107 has a concrete base of 14'long x 14'wide x 1' thick will be set on a concrete base suitable to support the weight of the tanks and full product capacity and will be installed in accordance to the Rule 62-762, Florida Administrative Code (F.A.C). All hard piping will be compatible with the product used will be constructed of 4-inch American Standards for Testing and Materials (ASTM) or American National Standards Institute (ANSI)-related steel and connecting the existing ASTs located in secondary containment area #2 and to the bulk loading/unloading area above the concrete secondary containment structures.

The proposed concrete secondary containment structure # 5 is designed to provide adequate containment for the ASTs as required by the Spill Prevention, Control, And Countermeasure Plan (SPCCP) that complies with the requirements of the Title 40 Chapter I Subchapter D Part 112, State and local regulations. Refer to **Table 2** for the secondary containment calculations for the used oil tanks TK-107 and TK-108. Based on the design, any spill associated with the ASTs and/or piping will be contained and controlled within the secondary containment structures. Overhead piping is only utilized during transfer of used oil from the bulk loading/unloading are via a pump. If a leak occurred from the overhead piping during transfer, it will be controlled by turning off the pump at bulk loading/unloading area and containing with a spill kit. All transport truck delivery and picking up of used oil to these ASTs will be conducted in accordance with Florida Department of Transportation (FDOT) regulations. Unloading will be monitored by the driver at all times.

D5 Other Process Equipment


JESI has already removed the Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway).

D6 Process Description

Processing via oil-water solid separation includes the use of the above-mentioned ASTs located within a secondary containment as shown in **Figures 2** and **Figure 3**.

Products mentioned above that require processing are received at the site and pumped into one of eight holding tank, TK-102 through TK-106, TK-107, and TK-108 (upon approval by the Department). From the holding tanks, the used oil is pumped via 4-inch pipes to one of two processing/blending tanks, BT-301 and BT-302, where it is heated via a heat exchanger to sufficient temperatures. Chemicals and additives are added to assist in the gravimetric separation and de-emulsification. In this type of emulsion, water is the internal dispersed or discontinuous phase, while oil is the external or continuous phase. Separation by the different gravity of the two phases is a very slow process, but can be accelerated by the assistance of chemicals. The chemicals used are termed demulsifiers, emulsion breakers or wetting agents. These additives are surfactants, which migrate to the oil/water interface. They adsorb on the oil films surrounding water droplets and break the oil films. Then water droplets aggregate to form water drops large enough to gravitationally separate them from the oil. Two 55-gallon drums of hydrochloric acid solution and sodium hydroxide solution are used for pH adjustment.

The solids are (30 to 50% dry solids) are discharged to the 10-cubic yard (CY) roll off located below the centrifuge while the liquids that contains the oil and emulsion with water goes through the polishing step. The cooled off process stream passes through the heat exchanger again to ensure that the process temperature is maintained. The solids are dropped into

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a 10 CY open roll off container staged under the centrifuge. The roll off is under cover, and within a containment area # 3. The system discussed above is a continuous system and can run 12 hours per day.

As discussed by the Department in their field inspection report (2/20/15) one shipment of the solid was generated from the centrifuge and disposed of to date. A sample collected by JESI on December 29, 2014 and was found to be non-hazardous. Subsequently, the solid material was shipped via SWS on January 22, 2015 to the Okeechobee landfill as non-hazardous waste.

D7 Chemical Storage and Sludge Area


The two 55-gallon drums containing acids and caustics are within secondary containment #3 on a spill containment pallet. The solids are placed into the open top roll off located in the secondary containment area #3 as shown in **Figure 3**. The entire containment system is sufficiently impervious to chemicals, used oil or solids to prevent any leakage of these products within the containment system from migrating out to soil, groundwater, or surface water prior to the cleanup of spills and releases. All solid waste will be analyzed, profiled, and characterized for disposal parameters required by recycling facilities.

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ATTACHMENT E

ANALYSIS PLAN

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E: ANALYSIS PLAN

E1 INTRODUCTION

January Environmental Services, Inc (JESI) is authorized to collect and process used oil, accept only non-hazardous, non-biological industrial wastewater, from petroleum contact water (PCW) consisting of almost entirely of gasoline/diesel/water mixtures from petroleum storage facilities; industrial process wastewater. Landfill leachate; wastewater from tank cleaning, transportation, and environmental remediation sources.

Therefore, the facility is subject to Title 40-Protection of Environment Chapter Part 279—Standards for the Management of used oil (Volume 28 Section 279-50 thru 59) and applicable State and Local regulations governing used oil management. As a used oil processing facility, JESI will prepare, maintain, and adhere to a Waste Analysis Plan that describes procedures for the analytical requirements as stipulated in 40 CFR 279.53, the rebuttable presumption, and 40 CFR 279.72, the determination of on-specification used oil. If necessary, the waste analysis plan is also designed to ensure compliance with RCRA waste characterization and management regulations. This plan addresses all future incoming or outgoing oil that will be stored in tanks TK-107 and TK-108 and including all existing storage tanks shown in **Table 1** as well as any residual sludge that may be generated from the use of the centrifuges and the separator while processing the used oil.

E2 Used Oil


As stated in 40 CFR 279.10(b)(ii), used oil containing or thought to contain more than 1000 ppm total halogens is presumed to be a hazardous waste because it has been mixed with halogenated hazardous wastes listed in Subpart D of 40 CFR 261. JESI may rebut this presumption by demonstrating that the used oil does not contain hazardous waste (for example, by showing that the used oil does not contain significant concentrations of halogenated hazardous constituents listed in appendix VIII of part 261 of this chapter).

Pursuant to 40 CFR 279.72, a generator, transporter, processor, re-refiner, or burner may determine that used oil that is to be burned for energy recovery meets the regulatory criteria and specifications of the **Table 3** and **Table 4** by performing analyses or obtaining copies of analyses or other information documenting that the used oil meets the above specifications. Every batch of recycled oil generated by the processor equipment shall be tested to demonstrate that the **Table 3** criteria and required parameter listed in **Table 4** analysis are met.

E3 Analysis Plan

Used oil which has had chlorinated solvent inadvertently mixed with it is considered a hazardous waste by definition. Incoming materials are sampled at the generator sites for total organic halogens (TOX) using a Clor-D-Tect 1000 (CD-DET-SG) or equivalent method. Any used oil equaling or exceeding 1,000 parts per million (ppm) TOX is rejected. January relies on generator knowledge of the process to meet the additional used oil specifications found in 40 CFR Part 279.11. January also requires generators to certify that their used oil has not been comingled with flammable solvents (e.g. gasoline) in order to meet the flash point requirement listed below. January retains records of generator process knowledge information supplied to them. If oily wastes or sludge are generated at the Facility that cannot be managed for energy recovery, a hazardous waste determination will be conducted and the materials will be managed in accordance with 40 CFR 279.10(c) and (e). Copies of incoming and outgoing shipment forms will be maintained at the facility.

Also, JESI will utilize on-site, contract laboratories, and/or laboratory capabilities of its affiliate companies to satisfy the requirements of its waste analysis plan. All laboratories shall utilize the methodologies and procedures found in USEPA publications SW-846, most current edition. If analysis is required, JESI will forward the sample to an Environmental Services Laboratory that is certified by the National Environmental Laboratory Accreditation Program (NELAP) for analysis shown in **Table 4**.

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E4 Hazardous Waste Determination

Initial analytical testing of the sludge generated from the centrifuges and the separator indicate that the sludge is non-hazardous. However, in accordance to Title 40 CFR Part 262.11, JESI will determine if future sludge generated from the processing activities is also hazardous or non-hazardous waste using the following method(s):


- Determine if the waste is excluded from regulation under 40 CFR 261.4.
- Determine if the waste is listed as a hazardous waste in subpart D of 40 CFR part 261. Even if the waste is listed, the generator still has an opportunity under 40 CFR 260.22 to demonstrate to the Administrator that the waste from his particular facility or operation is not a hazardous waste.
- For purposes of compliance with 40 CFR part 268, or if the waste is not listed in subpart D of 40 CFR part 261, the generator must then determine whether the waste is identified in subpart C of 40 CFR part 261 by either: (1) Testing the waste according to the methods set forth in subpart C of 40 CFR part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or (2) Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used. Any waste sludge generated by JESI processes will be tested for hazardous waste determination in accordance with 40 CFR Part 261 Subpart C as follows:

Parameter	Method No.	Allowable Limit
TCLP Arsenic	1311/7060	5.0 mg/L
TCLP Barium	1311/7080	100.0 mg/L
TCLP Cadmium	1311/7131	1.0 mg/L
TCLP Chromium	1311/7191	5.0 mg/L
TCLP Lead	1311/7421	5.0 mg/L
TCLP Mercury	1311/7471	0.2 mg/L
TCLP Selenium	1311/7740	1.0 mg/L
TCLP Silver	1311/7761	5.0 mg/L
TCLP Organics	1311/624	Refer to 40 CFR 261.24
TCLP Organics	1311/625	Refer to 40 CFR 261.24
TCLP Organics	1311/608	Refer to 40 CFR 261.24
TCLP Organics	1311/615	Refer to 40 CFR 261.24

All outgoing waste will be transported by a licensed waste transporter. Designated disposal facilities will be RCRA approved. All analyses will be requested via JESI's Chain of Custody (COC) Document. Each sample submitted for analyses will be recorded on JESI's Sample Receiving Log, inventory logs and/or the Material Profile Form. All analytical results will be recorded in JESI's computer database and hard copies will be provided for generator file. All used oil will be stored in accordance with the facilities SPCC plan and inside a secondary containment. Documentation of the waste analysis will be through facility.

E6 Sampling Frequency

Sampling will be completed as mentioned above on all incoming shipments of used oil prior to processing. All on-specification certified oil sold by JESI shall be analyzed by a Department of Health (DOH) Environmental Laboratory Certification Program (ELCP) certified laboratory in solid and chemical matrix for the analytical and test combinations to be performed. JESI shall be in receipt of the laboratory analytical results before selling the selected batch of used oil as "on-specification" oil. All sludge removed from used oil processing through the centrifuges and the separator system will be handled according to existing facility wide product transfer procedures to take all necessary precautions to avoid any material release. Sludge from the above-mentioned systems will be emptied after each batch and placed into the roll off located in the within the secondary containment area # 3 for proper profiling, characterization, and disposal to licensed hazardous waste disposal companies as per the parameters discussed in **Table 4** or as required by disposal companies. Based on evaluation of the centrifuge process and the separator system, JESI is anticipated to generate less than 100 kilograms of hazardous waste per month and therefore, may remain as a "Conditionally Exempt

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Small Quantity Generator (CESQG)". As per 40 CFR 262.34, onsite accumulation time of hazardous waste (<1000 kg) in a calendar month will remain at the facility 180 days or less.

E7 Record Keeping


Records of incoming and outgoing loads shall be maintained, including all in-house testing, and all sampling and associated laboratory reports. These records shall be maintained for a minimum of three years [40 CFR 279.72(b)] and (62-710.510 F.A.C.).

JESI will be responsible for the completion of the **Table 5** Uniform Waste Transporters Manifest and may also utilize the FDEP Form #62-710.901(2) Titled "Used Oil and Used Oil Filter Record Keeping Form to maintain records to indicate the source of used oil and amount supplied and transported on a daily basis. The laboratory result of the halogen content (if present) will accompany the Manifest/bill of lading when filed. All bulk shipments of all oil, received or supplied, will be documented. The sludge accumulation time will be recorded on the date upon which each period of accumulation began and will be clearly marked and visible on the drums for inspection on each container. JESI will ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

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ATTACHMENT F
TRACKING PLAN

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F: TRACKING PLAN

This management procedure covers the tracking requirements as described in Title 40 Code of Federal Regulations (CFR) Parts 279.56, JESI will conduct business in accordance with this tracking plan when receiving used oil or shipping regenerated oil. Refer to **Table 5** for a copy of the Uniform Waste Transporters Manifest. The tracking plan will include the name, address and EPA identification number of the transporter, origin, destination, quantities and dates of all incoming and outgoing shipments of used oil.


Records for each shipment will include the following information:

1. The name and address of the transporter who delivered the used oil to the processor/re-refiner;
2. The name and address of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining;
3. The EPA identification number of the transporter who delivered the used oil to the processor/re-refiner;
4. The EPA identification number (if applicable) of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining;
5. The quantity of used oil accepted; and
6. The date of acceptance.

JESI will keep a record of each shipment of used oil that is shipped to the end user facility. These records will be maintained as shown in **Table 5** and/or **Table 6** if necessary. Records for each shipment will include the following information:

1. The name and address of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility;
2. The name and address of the burner, processor/re-refiner or disposal facility who will receive the used oil;
3. The EPA identification number of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility;
4. The EPA identification number of the burner, processor/re-refiner, or disposal facility who will receive the used oil;
5. The quantity of used oil shipped; and
6. The date of shipment.


The records described above will be maintained for at least three years.

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ATTACHMENT G

PREPAREDNESS AND PREVENTION PLAN

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G: PREPAREDNESS AND PREVENTION PLAN

G1 Introduction

By adding the two new tanks TK-107 and TK-108 (as well all existing tanks and equipment) JESI intends to comply with the requirements of 40 CFR 279.52 General facility standards. In addition to the following information, the Department should also refer to **Attachment HA** the SPCC Plan that further describes the preparedness and prevention policies and procedures.

G2 Maintenance and Operation of Facility

JESI as the operator will maintain and operate the facility in a manner that minimizes the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water which could threaten human health or the environment. The SPCC Plan (Attachment H) describes corrective actions to be taken in response to a release of used oil during transfer and storage.

G3 Required Equipment

Refer to **Table 7** for a list of all emergency preparedness and prevention equipment. JESI will maintain an adequate on-site supply of fire extinguishers, fire control equipment, spill equipment, decontamination equipment, and adequate water pressure.

JESI maintains internal communications or an alarm system to provide emergency communication and instruction (voice or personnel) to facility personnel. They also have a telephone, cellular system and two-way radio capable of summoning inside and outside emergency assistance from local police, fire department, hospital, and other local emergency response organizations.


Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment and decontamination equipment is shown in **Figure 8** Evacuation Map. The facility has a fire hydrant on site with adequate water volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.

G4 Testing and Maintenance of Equipment

The facility communications and alarm system, fire protection equipment, spill control equipment, decontamination equipment shall be checked daily for proper operation in time of an emergency. Refer to **Table 8** for a copy of the Weekly and Monthly Inspection Checklist.

G5 Access to Communication or Alarm System

At all times while used oil is being processed/handled, a January employee is present and equipped to sound a general alarm and to contact emergency services directly by cell phone or through the administrative building if needed. If used oil is poured, mixed, spread, or otherwise handled, all JESI personnel involved in the operation will have immediate access to an internal alarm or emergency communication device, either directly or through visual or voice contact with another employee. Since JESI will have more than one employee on the premises while the facility is operating, the employees will have immediate access to a device, such as a landline telephone (immediately available at the scene of operation) or a hand-held two-way radio, capable of summoning external emergency assistance. Emergency external communication is accomplished primarily through a dedicated land line in the administration building. In the event of telephone failure, cellular telephones will be used to summon emergency services.

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G6 Required Aisle Space

JESI facility has and will maintain proper aisle space (at least 36 inches) to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.

G7 Communication and Notification with Local Authorities


JESI will provide a new copy of the facility's contingency plan and emergency procedures to the local fire department, police, hospital, or any other local agency who may be called upon for assistance in case of an emergency at the facility. Each agency has been invited to visit the facility to familiarize the agency of the facility operations and emergency procedures. **Table 9** provides agencies that may be contacted for potential emergencies.

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ATTACHMENT H

CONTINGENCY PLAN

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H: CONTINGENCY PLAN

The contingency plan and emergency procedures are prepared on behalf of JESI that proposes to operate a used oil processing facility at 1920 State Road 60 W, Bartow, Florida. It complies with the requirements of the Title 40 Chapter I Subchapter I Part 279 Subpart F §279.52s.

H1 Purpose

The purpose and implementation of the contingency plan is designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water. If required, the plan shall be carried out immediately whenever there is a fire, explosion, or release of used oil which could threaten human health or the environment.

The plan describes processes agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to paragraph (a)(6) of Subpart F §279.52s. **Table 9** lists names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator(s) which will be kept up to date by JESI. **Table 5** lists all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment) and **Figure 8** identifies the area each equipment is located. JESI will keep this list updated at all times.


All copies of contingency plan and all revisions to the plan will be maintained at the above-mentioned facility and submitted to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services. Any amendment of contingency plan and the evacuation plan will be reviewed immediately, and whenever applicable regulations are revised, facility changes¹ and/or if the plan fails in an emergency. This report also includes evacuation procedures for facility personnel to address all possibilities for an evacuation, if necessary. **Figure 8** describes evacuation routes and alternate evacuation routes (in cases where the primary routes could be blocked by releases of used oil or fires).

H2 Emergency Coordinator Responsibilities

Loren January, is the designated as the Primary Emergency Coordinator (EC) and will assume all responsibilities concerning the use and management of the plan, facility operations and in accordance to all County, State, or Federal regulations. The EC contact information is included in **Table 9**. The EC or her designee(s) are responsible for the implementation of this plan in the event of an emergency and/or accidental release of all material stored at the facility. The EC is responsible to commit funds in the event a spill JESI cannot handle and that requires outside help. The EC is responsible for ensuring that all employees are familiar with the content of this plan and are able to implement it, if needed. The EC is responsible for ensuring that this plan is posted and accessible to all employees. In the absence of the EC, Cris January, Secondary Emergency Coordinator (SEC) is responsible for implementing the plan in the event of an emergency and/or accidental release all materials stored at the facility.

At all times, there will be at least one EC/SEC at the facility or on call to respond to an emergency by reaching the facility within a short period of time (1-hour drive) and has the responsibility of coordinating all emergency response activities. The EC will be familiar with all aspects of this plan, all operations, and activities at the facility, the location and characteristics of the waste handled, the location of all records within the facility, and the facility layout. Additionally, the EC has the authority to commit the resources needed to carry out this plan. All employees are responsible for reading, understanding, and implementing this plan in the event of an emergency and/or accidental release of all material.

¹ The facility changes in its design, construction, operation, maintenance, or other circumstances—in a way that materially increases the potential for fires, explosions, or releases of used oil, or changes the response necessary in an emergency.

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H3 Notification to Local Emergency

JESI will provide a copy of this contingency plan needs to all the appropriate departments and agencies listed in **Table 9** upon approval this application. A receipts showing delivery of the plan to the local authorities will be forward to the Department by JESI. Any spill over 25 gallons on a pervious surface will be reported to the Department (Southwest District Office) within 24 hours and a written report will be submitted to these authorities within 15 days of the discharge or incident.

H4 Amendments to Contingency Plan

This plan will be revised, if necessary, whenever:

- ✓ Applicable ordinances or regulations are revised;
- ✓ The plan fails in an emergency;
- ✓ The facility changes in a manner that materially increases the potential for fires, explosions, or the release of hazardous materials / waste, or changes the response necessary in an emergency,
- ✓ The Emergency Coordinators change,
- ✓ The list of emergency equipment changes.

In the event of revisions to this plan, a revised copy will be submitted to the authorities identified in **Table 9**.

H5 Emergency Procedures

H6 Releases and Hazards


Whenever there is a release, fire, or explosion, the EC will immediately identify the characteristics, exact source, amount, and a real extent of any released material / waste. The EC will do this by observation or review of facility records/manifests and, if necessary, by chemical analyses. Concurrently, the EC will assess possible hazards to human health or the environment that may result from a release, fire, or explosion. This assessment will consider both direct and indirect effect of a release, fire, or explosion such as toxic gases, and the effect of any hazardous surface water runoff from water or chemical agents used to control the situation. In addition, JESI will also provide a copy of all chemical Material Safety Data Sheets (MSDS) for this facility. A revised copy of this plan will also be maintained at the facility.

H7 Notification and Reporting

In case of an imminent or actual emergency, the EC or her designee, will immediately activate the facility communication system and notify all facility personnel. The facility communication system includes a telephone communication system. The EC will also notify the appropriate agencies listed in **Table 9**.

If the EC has determined that the facility has had a release, fire, or explosion which could threaten human health or the environment outside the facility boundaries, she will report his findings as follows:

- ✓ If the EC's assessment indicated that the evacuation of the local area may be advisable, she will notify the local authorities identified above. Additional assistance from local authorities listed in **Table 9** may be obtained as deemed necessary by the EC. The EC will be available to assist local authorities in deciding whether evacuation of the immediate area is needed.
- ✓ The EC will immediately notify the National Response Center at 800/424-8802 and report the following information:

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1. Name and telephone number;
2. Name and address of facility;
3. Time and type of accident;
4. Name and quantity of material involved and to the extent known;
5. Possible hazards to human health and the environment, outside the facility boundaries.

H8 Emergency Action


During an emergency, the EC will take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, or spread to other hazardous material / waste at the facility. These measures may include stopping operation, collecting and containing released material / waste, and removing or isolating containers. If the facility stops operating, the EC will monitor for leaks, pressure build up, or rupture in valves, pipes, etc.

After an emergency, the EC will provide for treatment, storage, and disposal of recovered material. The treatment, storage, and disposal of recovered material will be conducted in accordance with applicable local, state, and federal regulations. Waste management companies utilized in the treatment, storage, and disposal of recovered material will be chosen at the EC's discretion. The EC will ensure that, in the affected areas of the facility, no material/waste is incompatible with the released materials until clean-up procedures are completed. All emergency equipment listed in this plan (Table 5) will be cleaned, if necessary, and fit for its intended use before operations are resumed.

H9 Evacuation of Facility

The EC is responsible for determining which emergencies require evacuation. The EC may deviate from the evacuation procedures identified below if necessary to bring the situation under control. An evacuation route map and a site location map are illustrated in **Figure 8**. In the event of a plant evacuation, the following steps will be taken:

- a. The signal for evacuation will be given which consists of three long blasts of the air horn. The phone system will be used to notify/divert incoming drivers.
- b. All vehicle traffic within the facility will cease. Visitors, contractors, and customers will no longer be allowed in the facility.
- c. All personnel, visitors, contractors, and customers will immediately leave through the main gate.
- d. No persons will be allowed to enter the plant without authorization from the EC and senior fire department representative.
- e. All persons evacuating the facility will assemble the "Meeting Point" located north of the facility as shown in **Figure 8** or a point chosen by the EC if there is danger to the persons at the meeting point area.
- f. The EC will conduct a head count to confirm that all persons within the facility are present. Any person not accounted for will be immediately reported to the senior fire department representative.
- g. After the emergency, no personnel will be allowed to re-enter the facility until authorization is obtained from the senior fire department representative and the EC.

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H10 Recordkeeping

The EC will submit a written closure plan to the Department within 5 days of the incident. The EC will also notify the Department in writing before operations resumes of the following:

- a. In the affected area(s) of the facility, no material/waste is incompatible with the released material, and
- b. All emergency equipment listed in this plan is clean and fit for its intended use.

The EC will document in the facility's operating record the time, date, and details of any incident that required the implementation of this plan. Within 15 days after the incident, the EC will submit a written report on the incident to the Department. The report will include the following information:


- a. Name, address, and telephone number of the owner/operator.
- b. Name, address, and telephone number of the facility,
- c. Date, time, and type of incident,
- d. Name and quantity of materials involved,
- e. The extent of injuries, if any,
- f. An assessment of actual or potential hazards to human health and the environment, if any,
- g. Estimated quantity and disposition of recovered material resulting from the incident.

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ATTACHMENT HA

SPILL PREVENTION, CONTROL, COUNTER MEASURE PLAN

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HA: SPILL PREVENTION, CONTROL, COUNTERMEASURE PLAN

HA1 Introduction

The Spill Prevention, Control, And Countermeasure Plan (SPCCP) is prepared on behalf of January Environmental Services, Inc(JESI) that proposes to operate a used oil processing facility at 1920 State Road 60 W, Bartow, Florida 33830 (FLD # 982162943). It complies with the requirements of the Title 40 Chapter I Subchapter D Part 112.


The regulations apply to owners or operators of non-transportation-related facilities that:

- Drill, produce, store, process, refine, transfer, distribute, use, or consume oil or oil products; and
- Could reasonably be expected to discharge oil to U.S. navigable waters or adjoining shorelines.
- Facilities are subject to the rule if they meet at least one of the following capacity thresholds: Aboveground oil storage capacity greater than 1,320 U.S. gallons, or completely buried oil storage capacity greater than 42,000 U.S. gallons.

This SPCCP has been prepared for the petroleum storages within the JESI facility as shown in **Figure 1**, Site Topographic Map and **Figure 2** Site Layout Map indicating petroleum storage areas. **Table 1** provides a summary of the petroleum product storage tanks at the facility.

HA2 Facility Identification

FACILITY NAME & LOCATION:	January Environmental Services, Inc 1920 State Road 60 W, Bartow, Florida (FLD # 982162943)
FACILITY PHONE NO.	863 534 8478
NAME OF RESPONSIBLE PERSONS AT THE FACILITY:	Loren January, Primary Emergency Response Coordinator/Manager Cris January, Owner, Secondary Response Coordinator
DESCRIPTION OF ACTIVITIES:	Facility conducts used oil processing.
PETROLEUM STORAGE CAPACITY:	227,725 gallons, largest tank is 24,000-gallons
GEOGRAPHIC LOCATION:	Latitude 27° 53' 52.6842"N Longitude -81° 51' 46.5618"W -81
DESCRIPTION OF NEARBY NAVIGABLE WATER THAT COULD BE IMPACTED:	No navigable waters of the United States are located nearby that could be impacted by this facility. One lake is located to the North – northeast of the facility.
DATE OF INITIAL OPERATION	1/2006

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HA3 Facility Description

JESI is located within a light industrial area of Bartow, Florida. The parcel is approximately, 5.18 acres owned by January Transport, Inc.

JESI operates as a Used Oil and Material Processing Facility on an approximately 5.18-acre parcel of land. JESI has been operating at the Site since 2006. Prior to their occupancy, the facility was formerly an Ashland Chemical facility that first opened in 1986. Refer to **Figure 1** for the USGS Topographic Map showing the facility location in relation to the general regional area. **Figure 2** is the Facility Site Plan that shows the location of various operations, warehouse, covered used oil/ant-freeze aboveground storage tanks (ASTs), secondary containment structures, drum and used oil filter storage area, truck wagon storage area, the rail car trailer loading & unloading area. The drum storage and used oil filter storage area is located inside the warehouse and is approximately 800 square feet. Six (6) 55-gallon drums of absorbents, 20 bins of used oil filters and twenty-three (23) 55-gallon drums of used oil filters are stored at the facility.


Figure 3 shows the location of the two (2) new 20,000 gallon used oil single-walled ASTs, secondary containments, A detailed description of all ASTs (permitted and unpermitted) including tank capacity, secondary containment dimensions, and tanks used are included in Table 1. All storage tanks are constructed of steel and are located within secondary containment that is sealed and impervious to petroleum products. The Facility has a security fence and the gate is locked when the Facility is unattended. It should be noted that the two new 20,000 gallon ASTs are onsite but not in use. Prior to use of these ASTs, these tanks will be registered with the Department within 30 days prior to installation.

HA4 Permits

The Site has an existing Used Oil Processing Facility Permit issued under the provisions of Section 403 of the Florida Statutes (F.S.), Chapters 62-4, 62-160, 62-701, 62-710, 62-730, 62-740, 62-762 and 62-770 of the Florida Administrative Code (F.A.C.), and 40 Code of Federal Regulations (CFR) Part 279.

JESI has been issued two Permit Numbers 307171-HO-001 and 307171-SO-002, which expires on April 16, 2017. JESI is authorized to process used oil, accepts only non-hazardous, non-biological industrial wastewater, primarily from the following: petroleum contact water (PCW) consisting almost entirely of gasoline/diesel/water mixtures from petroleum storage facilities; industrial process wastewater; landfill leachate; wastewater from tank cleaning, transportation and environmental remediation sources. The Environmental Protection Agency (EPA) Hazardous Waste Program ID is FLD 982162943 and is designated as a Conditionally Exempt Small Quantity Generator (CESQG) that generates in any calendar month 100 kg/Month or less (220 lbs.) of non-acute hazardous waste and 1 kg (2.2 lbs.) or less of acute hazardous waste. The facility is currently registered for the following activities: Used Oil Transporter, Used Oil Transfer Facility, Used Oil Marketer, Used Oil Filter Transporter, Used Oil Filter Transfer Facility. Further, the facility is currently permitted/active as: No Active Hazardous Waste Treatment, Storage or Disposal Permit. The FDEP Bureau of Petroleum Storage Tank Program ID is 53-9101026.

The JESI anticipates employing approximately, 6 staff membehairs. The variability in the work force is dependent on business growth and will be most likely change in 2017. The types of employees proposed for the facility may include approximately, 2 office staff and 4 field personnel.


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HA5 Potential Spill Concerns

The source for potential spills are summarized below

Source of Spill	Location	Potential Type Of Failure	Estimated Quantity (gallons)	Rate of Spill (gal/hr.)	Direction of Spill	Secondary Containment	Potential for Occurrence
Transport Trucks	Truck wagon Unloading area	Overfill and/or compartment release	6,800	6,800	Towards the secondary collection sump and then into secondary containment structure #1	Secondary containment # 1 and sump	Low as the area is monitored at all times with two personnel and is contained
Aboveground Storage	See Figure 2 for the Twelve ASTs (Table 1)	Overfilling or Transfer hose uncoupling or breakage	24,000	Varies	Secondary Containment	Within secondary containment structures	Low as personnel are present during filling, and daily volume checks conducted
Overhead Piping	Secondary containment areas	Equipment and/or piping failure	100	10	Depending on the location, could flow into the infiltration pond	Spill Kit present, pump will require to be closed	Low
Containment Piping	Equipment and/or piping failure	Equipment and/or piping failure	50	10	Within secondary containment structures	Spill Kit present, pump will require to be closed	Low
55-gallon Drums	Chemical Storage Area inside Building	Complete spillage or rupture of drum	5 to 55	5 to 55	Inside building containment area	Spill Containment, & concrete is bermed & sealed	Low as drums are secured
		Leak/puncture	5 to 55	Less than 55			Low to moderate as drums/containers are secured when moved around and are inspected daily
Transfer Pumps	At Centrifuges and the Separator System	Discharge/leaking valves or pipes	Varies	Varies	Sec. Concrete Containment	secondary containment	Low as personnel are always present & daily valve & piping checks conducted
Mobile Equipment	Truck Wagon Area or central to property	Vehicle accident	26,800	26,800	Depending on the location, could flow into the infiltration pond. If the rail car has a release, it would be contained within the secondary containment	Spill Kit present, pump will require to be closed	Low


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As indicated in **Table 2**, “Secondary Containment Calculation for the Used Oil Processing or Regeneration Area”, the secondary containment is as follows:

Containment No.	Description	Gross Capacity	Net Capacity	Largest Tank (assume oil in piping)	Freeboard
5	46-feet long by 46-feet wide by 2.7 feet high	42,738	42,738	20,000	See Table 2


The mobile transports used to collect bulk used oil from other site are always emptied into the AST in the 24,000 Gallon Tank Farm prior to parking for the evening at the Facility. In the event that a transport is not able to unload the used oil it is parked for the night inside the Concrete Secondary Containment Structure #1 (i.e. Covered Bulk Loading/Unloading Ramp).

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TABLE 2. Secondary Containment Structure #5 Tank TK-107 Calculation - FLD 982 162 943		
INFORMATION NEEDED TO USE THIS WORKSHEET*¹		
Gallons per cubic foot	gal	7.4805
Cubic foot per gallon	cu.ft	0.133681
Containment Basin:		
length	ft	19
width	ft	19
Secondary Containment wall height (cannot exceed 6 feet/local fire code	ft	2.7
Tank Information:		
Largest tank length	ft	24
Largest tank diameter	ft	12
Largest tank radius	ft	6
Volume of largest tank	gal	20000
Volume of largest tank	cu.ft	2674
Other Equipment:		
Volume occupied by Equipment: (Estimate % - use 5% as default)	%	5%
Volume occupied by Equipment: based on total containment volume in cu.ft	cu.ft	49
	gal	365
Volume of Rain:		
Volume 25 yr precipitation from Figure 11*	in	9
Volume 25 yr precipitation from Figure 11*	ft	0.75
Volume 25 yr precipitation (24-hour storm amount)	gal	2025
Volume 25 yr precipitation (24-hour storm amount)	cu.ft	271
Total Secondary Containment Area	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291
1. Minimum volume needed for secondary containment structure =		
Volume of single largest tank +	cu.ft	2674
Volume of 25 yr precipitation (24-hr storm amount) to allow for precipitation accumulation +	cu.ft	271
5% volume occupied by Equipment +	cu.ft	49
Volume occupied by Concrete tank slab (14'x14'x1')	cu.ft	196
Total Volume needed for Secondary Containment Structure	cu.ft	3189
2. Total Secondary Containment #5 Area		
Total Secondary Containment Volume	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291.2
3. Total area of tanks within secondary containment structure		
(less the single largest tank) = $3.14 \times (1/2 \text{ diameter of each tank in feet})^2$	sq.ft	0.00
4. Available secondary containment structures area =		
total containment area (2) - total area of tank(3)	sq.ft	361
5. Available secondary containment structures volume =		
Secondary containment structure's area (4) x Minimum height of dike or berm or wall	cu.ft	975
	or gal	7291
6. Available containment capacity including tertiary containment structure #5 =		
Secondary containment structure #5 volume (5) + secondary containment structure # 2 volume (as these containments are connected via underground piping. Containment #5 will pump to containment #2)		
Secondary containment #2 volume was obtained from the Enercon Services, Inc report dated January 16, 2012	cu.ft	4971
Therefore, total containment #2 + containment # 5 volume =	cu.ft	5946
Secondary Containment Safety Factor = Available secondary containment structures's volume (6) is greater than the minimum secondary containment volume (1) required resulting in a safety factor:		1.86
Notes: A safety factor of 1.0 equates to the secondary containment structure's capacity to completely contain a spill from the single largest tank with an additional precipitation factor for rainwater, tank slab and equipment. Any number greater than 1.0 is an additional level of safety beyond the minimal requirement		
* Inches rainfall read from Figure 11, Page 40 of Technical Publication EMA #390		
*1 - Data used to compute the area of secondary containment #5 was obtained from JESI site visit by GeoTech on 8-24-15		

Therefore, gross capacity of the secondary containment area # 5 sufficient containment. Therefore, the design is adequate.

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TABLE 2. Secondary Containment Structure #5 Tank TK-107 Calculation - FLD 982 162 943		
INFORMATION NEEDED TO USE THIS WORKSHEET*¹		
Gallons per cubic foot	gal	7.4805
Cubic foot per gallon	cu.ft	0.133681
Containment Basin:		
length	ft	19
width	ft	19
Secondary Containment wall height (cannot exceed 6 feet/local fire code	ft	2.7
Tank Information:		
Largest tank length	ft	24
Largest tank diameter	ft	12
Largest tank radius	ft	6
Volume of largest tank	gal	20000
Volume of largest tank	cu.ft	2674
Other Equipment:		
Volume occupied by Equipment: (Estimate % - use 5% as default)	%	5%
Volume occupied by Equipment: based on total containment volume in cu.ft	cu.ft	49
	gal	365
Volume of Rain:		
Volume 25 yr precipitation from Figure 11*	in	9
Volume 25 yr precipitation from Figure 11*	ft	0.75
Volume 25 yr precipitation (24-hour storm amount)	gal	2025
Volume 25 yr precipitation (24-hour storm amount)	cu.ft	271
Total Secondary Containment Area	sq.ft	361
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291
1. Minimum volume needed for secondary containment structure =		
Volume of single largest tank +	cu.ft	2674
Volume of 25 yr precipitation (24-hr storm amount) to allow for precipitation accumulation +	cu.ft	271
5% volume occupied by Equipment +	cu.ft	49
Volume occupied by Concrete tank slab (14'x14'x1')	cu.ft	196
Total Volume needed for Secondary Containment Structure	cu.ft	3189
2. Total Secondary Containment #5 Area		
Total Secondary Containment Volume	cu.ft	975
Total Secondary Containment Volume	gal	7291.2
3. Total area of tanks within secondary containment structure		
(less the single largest tank) = $3.14 \times (1/2 \text{ diameter of each tank in feet})^2$	sq.ft	0.00
4. Available secondary containment structures area =		
total containment area (2) - total area of tank(3)	sq.ft	361
5. Available secondary containment structures volume =		
Secondary containment structure's area (4) x Minimum height of dike or berm or wall	cu.ft	975
	or gal	7291
6. Available containment capacity including tertiary containment structure #5 =		
Secondary containment structure #5 volume (5) + secondary containment structure # 2 volume (as these containments are connected via underground piping. Containment #5 will pump to containment #2)		
Secondary containment #2 volume was obtained from the Enercon Services, Inc report dated January 16, 2012	cu.ft	4971
Therefore, total containment #2 + containment # 5 volume =	cu.ft	5946
Secondary Containment Safety Factor = Available secondary containment structures's volume (6) is greater than the minimum secondary containment volume (1) required resulting in a safety factor:		
		1.86
Notes: A safety factor of 1.0 equates to the secondary containment structure's capacity to completely contain a spill from the single largest tank with an additional precipitation factor for rainwater, tank slab and equipment. Any number greater than 1.0 is an additional level of safety beyond the minimal requirement		
* Inches rainfall read from Figure 11, Page 40 of Technical Publication EMA #390		
*1 - Data used to compute the area of secondary containment #5 was obtained from JESI site visit by GeoTech on 8-24-15		

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HA6 Facility Conformance

JESI attests the following:

1. Section 112.4 requires certain notifications be made if a facility has a discharge of more than 1,000 gallons of oil in a single discharge or more than 42 gallons of oil in each of two discharges. This section also requires a facility amend the Plan if the Regional Administrator requests amendments to the Plan.

This facility will make required notification when appropriate and will either amend the Plan when requested by the Regional Administrator or will appeal.

2. Section 112.5(a) requires the amendment of the SPCC Plan when there is a change to the facility design, construction, operation, or maintenance that materially affects its potential for discharge. This includes adding, moving and decommissioning of containers (including tanks) piping and secondary containment. This also includes a change in product or service or the revision of a standard operating or maintenance procedure.

The SPCC Plan shall be updated:

- within six months after significant changes occur in the facility operations;
 - if the Plan fails to provide the desired degree of protection;
 - when a period of five (5) years has elapsed since the last revision(s) and the review indicates that a revision is necessary; or as required by changes in the 40 CFR 112 regulations
3. Section 112.5 (b) requires a review and evaluation of the SPCC Plan at least once every five years. The completion of the review must be documented and a statement as to whether the Plan will be amended.

JESI has acknowledge the five-year review requirement above and has signed the signed statement for this review.

4. Section 112.5(e) requires a Professional Engineer certify any Technical Amendments to this Plan.

Any Technical Amendments to this Plan will be certified by a Professional Engineer.

5. Section 112.7(a)(1) requires a discussion of the facility's conformance with SPCC Plan requirements.


The Plan developed herein shall conform to the regulatory format provided by the regulation.

6. Section 112.7(a)(2) requires a description of non-conforming issues, the reasons for non-conformance and the measures to achieve equivalent environment protection adopted by the facility.

Any issues of non-conformance are described in the discussion provided in response to the specific requirement.

7. Section 112.7(a)(3) requires a physical description of the facility, including site diagrams showing container storage locations and contents, transfer stations, piping, and buried tanks;

This information is provided in this document with specific reference to **Figure 2** and **Figure 3**. There are no buried petroleum storage tanks at this facility.

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- i) Information defining the types and capacities of oil storage;

This information is provided by **Table 1** of the report.

- ii) A procedure for the prevention of discharge during routine handling procedures;

This information is provided below titled as “Oil Transfer Procedure”

1. Smoking is prohibited while offloading petroleum or fueling vehicles.
2. Verify that all valves in the secondary containment berm are closed. Move the truck into the unloading area, stop the engine, (unless required to operate a pump), set the hand brake, place wheel chocks, and connect a grounding cable between the tank and the truck frame. Verify sufficient volume in tank (if unloading truck) or in the truck (if loading truck) prior to starting transfer.
3. Drivers must be present during all petroleum transfers. No petroleum will be transferred to or from a storage tank unattended. The driver must be awake, have an unobstructed view of the tank and be within 25 feet of the truck. All transfer operations must be shut down if the driver leaves area.
4. All employees and all drivers must have knowledge of the nature of the materials they are handling and must have been trained on the procedures to be followed in an emergency.
5. Hose connections, valves, and pumps must be visually inspected continually during transfers to check for leaks or drips. All leaks must be stopped immediately or contained in a drip pan.
6. All areas, including loading/unloading area, truck parking area, etc. are to be kept free of petroleum materials and excessive residue.
7. To minimize the release of any material during transfer operations, drip pans or buckets should be used under all hose connections. Drip pans and buckets must be cleaned up before leaving the area. Oil dry, rags, shovels, etc. are available at the facility for cleanup in the event of a spill or drip.
8. The available capacity in the storage tank must be checked and confirmed before material is transferred from a truck to the tank to ensure the storage tank is not overfilled.
9. All spills must be reported to the facility manager.
10. Drivers have the responsibility to keep the transfer area clean and free of petroleum materials, to prevent spills from occurring, to immediately and thoroughly cleanup any material spilled, and to report spills to the facility operator.
11. After unloading or unloading is finished, disconnect and secure all hoses, disconnect the grounding cable, assure that the vehicle’s lowermost drain and outlets are closed and secured, and assure that tank valves and other closures are closed and free of leaks before removing the wheel chocks and driving the truck from the transfer area.

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Container Handling Procedure

1. Company policy prohibits smoking in petroleum product container storage areas.
2. All containerized materials must be secured prior to moving.
3. During loading and unloading containers from a truck, the truck should be moved into the unloading area with the engine stopped and hand brake set.
4. Personnel using or handling containers must be aware of the materials they are handling and must be trained in the procedures to follow in an emergency, such as rupture or puncture of the container.
5. All containers must be labeled as to content.
6. All areas, including concrete containment and storage rooms or trailers, are to be kept free of spilled material.
7. All spills must be reported to the facility manager.


iii) A description of secondary containment around storage sites;

Secondary Containment Structures	Largest Volume in Gallons	Structures Containment Volume in Gallons	Safety Factor (Ratio)
Secondary Containment Structure #1 (Covered bulk loading/unloading Ramp)	6800	49500	7.18
Secondary Containment Structure #1 (24,000 gallon tank farm)	24,000	37,187	1.28
Secondary Containment Structure #3 (Blending Tanks BT-301 & BT-302)	5600	55995	8.73
Secondary Containment Structure #4 (Warehouse bin & Drum Storage Area)	55	742	5.74
Secondary Containment Structure #5 (20,000-gallon NEW Tank farm, TK-107)	20000	20,000	1.86
Secondary Containment Structures #6 (20,000-gallon NEW Tank farm, TK-108)	20000	20,000	1.86

"Note that the safety factor equates to the largest tank capacity within the secondary containment plus an additional rainwater volume. If the largest tank were to rupture, the secondary containment structure would be capable of containing the released contents and accumulation of a 24-hour rain event.

The secondary containment structure locations are provided in **Figure 2, 3 & 6**. Secondary containment structures #1, #3, & 5, are equipped with a manually operated sump pumps that can be activated to discharge accumulated storm water into the containment structure #2. Secondary containment structure #6 will also have a manually operated sump pump.

iv) Procedures for the discovery of, control of, and response to a discharge;

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SPILL RESPONSE PROCEDURES

Response to spills is conducted according to the procedures detailed in the following subsections. It must be noted that, if several personnel respond to an incident, many of the following procedures can be conducted concurrently. For example, while one person is following the emergency notification procedures, other personnel could be implementing actions to contain the spill.

I. Spill Notification Procedure

Upon the discovery of a spill, the following notifications must be made.

1. The Facility Manager (Primary Emergency Coordinator) must be notified immediately. If he/she cannot be located, then one of the Alternate Emergency Coordinators or the Company Environmental Coordinator should be called. (See Table 9 for phone numbers.) The person who discovers the spill should be prepared to give the following information:

- his/her name and position with the company;
- material spilled and estimated amount;
- source and cause of the spill, if known;
- area affected;
- time the spill was first observed; and
- actions initially taken.


2. The Primary Emergency Coordinator (Facility Manager), First Alternate Emergency Coordinator (Operations Manager), and the Designated Company Environmental Coordinators are the only persons authorized to make agency notifications. If the facility has released petroleum materials off site in harmful quantities as defined in 40 CFR 110.3 (i.e., it has caused a sheen or discoloration on any water body), an authorized person shall report the incident to the regulatory agencies listed in the Emergency Notification Sheet in Appendix B. In reporting, the authorized person shall be prepared to give the following information:

- his/her name and position with the company;
- facility name, location, and phone number;
- material spilled and amount;
- source and cause of the spill, if known (do not speculate);
- area affected;
- time the spill was first observed;
- extent of injuries, if any;
- any evacuation precautions taken;
- response actions conducted, including containment and cleanup underway;
- estimated time to complete remediation;
- potential hazards to human health or the environment; and
- names of other individuals and organizations contacted.

3. For a release greater than 42 gallons into the environment (i.e., soil, water), the authorized person shall determine if the emergency response contractor should be contacted for cleanup assistance.

4. If the facility has discharged oil into or onto the navigable waters of the United States in any of the following quantities:

- more than 1,000 gallons in a single spill event, or

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- more than 42 gallons in each of two spill events within a 12-month period, an authorized company representative must submit a written report as described in subsection IV of this Section.

5. Florida has specific reporting requirements:

a) A discharge of any amount of a pollutant (this includes oil) that enters, or threatens to enter, waters of the state must be reported as soon as possible, but no later than one hour after the discovery of the occurrence to the NRC and the FL State Warning Point phone number in Appendix B.

b) A discharge of 25 gallons of oil or more to a “pervious” surface must be reported as soon as possible, but no later than 24 hours.

II. Response Preparation


Appropriate containment/spill response equipment is kept in close proximity to all potential spill areas. A sufficient supply of this material should be available to all locations to ensure that potential off-site migration pathways can be adequately protected. The materials to be located near potential spill areas include:

- a small (20 to 30-gallon) drum containing:
 - materials suitable for absorbing petroleum products (e.g. kitty litter, corn cobs, oil-dry, absorbent socks or pads, etc);
 - plastic (or other non-sparking material) shovel or scoop;
 - chemical resistant gloves, protective aprons, safety glasses or goggles, and/or other appropriate personal protective equipment;
- sandbags;
- fire extinguishers;
- shovels; squeegees, and brooms, pipe wrench, drum plug wrench;
- salvage drums and overpack.

III. Response Procedure

Upon detection of a spill, personnel responding will immediately:

- put on proper personal protective equipment, which, at a minimum, includes chemical-resistant gloves and a rubber apron (or equivalent);
- identify the source and cause of the spill;
- take appropriate measures to stop the flow of material (e.g., reconnect hose, plug hole, shut valve, transfer liquid to an empty drum, etc.);
- quickly estimate the magnitude of the spill;
- using absorbent material, sandbags, or similar material, block drainage ways, if there is a potential for material to flow off the property;
- contain any material, using cleanup and containment equipment, that may have escaped the storage vessel;
- recover and containerize spilled material (as much as possible) into a drum or container and dispose of properly to a landfill permitted for such material, to a recycler capable of processing off-specification oil, or to a recycler permitted for disposal;
- decommission the tank (if the spill was from a tank) and schedule it for repair after the cause of the spill or failure has been determined; and

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- obtain assistance from a spill cleanup contractor if it is determined that a spill is uncontrollable and/or contamination outside the facility has occurred.

After the spill has been contained and cleaned up, the Primary Emergency Response Coordinator (Facility Manager), the Alternate Emergency Response Coordinator (Operations Manager), or the designated Company Environmental Coordinator must ensure that all spill response equipment is restocked and ready for usage.

IV. Written Agency Notification

If the facility has released petroleum materials off site in harmful quantities, which means it has caused a sheen or discoloration on any navigable waters of the United States, the Company Environmental Coordinator should report the incident to the National Response Center using one of the forms provided in Table 9.

If the facility has discharged oil into or on the navigable waters of the United States in any of the following quantities:

- more than 1,000 gallons in a single spill event, or
- more than 42 gallons in each of two spill events within a 12-month period,

The Company Environmental Coordinator (or designee) must submit a written report to the Regional Administrator of the Environmental Protection Agency, Region IV within 60 days. The report shall contain the information provided by the form in Table 9.

Florida has specific reporting requirements. These include:

- A discharge of any amount of a pollutant (this includes oil) that enters, or threatens to enter, waters of the state, and
- A discharge of 25 gallons or more of oil to a "pervious" surface.

The written report must be submitted on Florida Discharge Report Form 62-761.900(1), which is provided in Table 9. A copy of any report sent to the Regional Administrator must also be submitted to the Florida Department of Environmental Protection.

- Methods of disposal of recovered materials; and


Methods for disposal of recovered material has been discussed above.

- And, a contact list and phone numbers for appropriate individuals and agencies to be notified in the event of a spill.

This contact list is provided in **Table 9** and may be copied and laminated for posting in key areas.

8. Section 112.7(a)(4) Unless facility has submitted a response plan under 112.20, provide information and procedures to enable person to accurately report a discharge.

Refer to the forms below that addresses each required data subject. Facility personnel are trained in completing the form and communicating to the relevant agencies. Use of this form is discussed above.

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**FLORIDA DISCHARGE REPORTING FORM 62-761.900(1)
SPILL RESPONSE NOTIFICATION FORM**

Reporter's Full Name: _____
 Position: _____
 Phone Numbers: Day _____
 Evening _____
 Company: _____
 Address: _____
 City, State, Zip: _____

Facility Longitude: _____ Facility Latitude: _____

INCIDENT DESCRIPTION

Incident Address/Location: _____
 Container Type: _____
 Date and Time of Discharge: _____ AM/PM
 Material Discharged: _____
 Discharged Quantity: _____ Gallons
 Did Material Reach Water? _____ (Y/N) If so, What Quantity? _____ Gallons
 Media Affected? Air? Y or N Water? Y or N Land? Y or N
 Description of Medium Affected: _____

Source and/or Cause of Incident: _____

RESPONSE ACTION AND IMPACTS


Actions Taken to Correct, Control, or Mitigate Incident: _____

Number of Injuries: _____	Number of Deaths: _____
Evacuation Required? _____ (Y/N)	Number Evacuated: _____
Damage Incurred: _____ (Y/N)	Damage Cost Estimate: \$ _____

NOTIFICATIONS

USEPA? _____ (Y/N) STATE? _____ (Y/N) Other? See Notification List

ADDITIONAL INFORMATION: _____

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Discharge Reporting Form

PLEASE PRINT OR TYPE

Instructions are on the reverse side. Please complete all applicable blanks

DEP Form # 62-761.900(1)
Form Title <u>Discharge Reporting Form</u>
Effective Date _____

1. Facility ID Number (if registered): _____ 2. Date of form completion: _____

3. General information
 Facility name: _____
 Facility Owner or Operator: _____
 Facility Contact Person _____ Telephone number: () _____ County: _____
 Facility Mailing address: _____
 Location of discharge (facility street address): _____
 Latitude and Longitude of discharge (if known): _____

4. Date of receipt of test results or discovery of confirmed discharge: _____ month/day/year 5. Estimated number of gallons discharged: _____

6. Discharge affected: ☐ Air ☐ Soil ☐ Ground water ☐ Drinking water well(s) ☐ Shoreline ☐ Surface water (water body name) _____

7. Method of discovery (check all that apply)
☐ Liquid detector (automatic or manual) ☐ Internal inspection ☐ Closure/Closure Assessment
☐ Vapor detector (automatic or manual) ☐ Inventory control ☐ Groundwater analytical samples
☐ Tightness test ☐ Monitoring wells ☐ Soil analytical tests or samples
☐ Pressure test ☐ Automatic tank gauging ☐ Visual observation
☐ Statistical Inventory Reconciliation ☐ Manual tank gauging ☐ Other _____

8. Type of regulated substance discharged: (check one)
☐ Unknown ☐ Used/waste oil ☐ Jet fuel ☐ Heating oil ☐ New/lube oil
☐ Gasoline ☐ Aviation gas ☐ Diesel ☐ Kerosene ☐ Mineral acid
☐ Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives
 (write in name or Chemical Abstract Service (CAS) number) _____
☐ Other _____

9. Discharge originated from a: (check all that apply)
☐ Dispensing system ☐ Pipe ☐ Barge ☐ Pipeline ☐ Vehicle
☐ Tank ☐ Fitting ☐ Tanker ship ☐ Railroad tankcar ☐ Airplane
☐ Unknown ☐ Valve failure ☐ Other Vessel ☐ Tank truck ☐ Drum
☐ Other _____

10. Cause of the discharge: (check all that apply)
☐ Loose connection ☐ Puncture ☐ Spill ☐ Collision ☐ Corrosion
☐ Fire/explosion ☐ Overfill ☐ Human error ☐ Vehicle Accident ☐ Installation failure
☐ Other _____

11. Actions taken in response to the discharge: _____

12. Comments: _____

13. Agencies notified (as applicable):
☐ State Warning Point ☐ National Response Center ☐ Fire Department ☐ County Tanks Program ☐ DEP (district/person)
 (904) 488-1320 1-800-424-8802 _____

14. To the best of my knowledge and belief all information submitted on this form is true, accurate, and complete.

Printed Name of Owner, Operator or Authorized Representative

Signature of Owner, Operator or Authorized Representative.

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9. Section 112.7(a)(5) requires Plan organization that describes procedures to be used when a discharge occurs in a way that makes them readily usable in an emergency, and include appropriate supporting material as appendices.

This Plan incorporates training and the use of one-page sections that can be easily referenced and used. JESI will use an electronic training database to manage personnel training requirements. Training certificates documenting training activities are will be provided as they become available.

10. Section 112.7(b) requires a prediction of spill flow direction, rates of flow, and quantities that could be discharged.

Experience indicates there is a low potential of tank failure (such as overflow, rupture, and leakage) at the facility. This can be attributed to several factors:

1. Tanks operate at ambient temperature and pressure and are equipped with the level gauges and an overflow alarm and secondary containment.
2. Piping and valves are not in areas exposed to vehicular traffic.
3. The tanks, pumps, valves, and piping are inspected daily with inspection findings recorded in facility inspection logs.
4. All tanks were thickness tested by a professional engineer in 2002.


Spillage of material is most likely to occur during tank transfer. However, the quantity of material that would typically be spilled is small. Personnel are required to be present during transfer, and transfer activities are conducted in contained areas provided with concrete barriers and elevation controls to prevent migration and to facilitate cleanup. In the unlikely event of a release of material and failure of the secondary containments, it appears that a spill would flow toward the retention pond to the southwest.

11. Section 112.7(c) requires provision of containment system and/or diversionary structures or equipment capable of containing a spill and must be constructed so that any discharge from a primary containment system will not escape the containment system before cleanup occurs. At a minimum, you must use one of the following or its equivalent: dikes, berms, retaining walls, curbing, drip pans, sumps and collection systems, culverting, gutters, weirs, booms, other barriers, spill diversion ponds, retention ponds, or sorbent materials.

This facility provides secondary containment as follows:

- Tanks 1, 2 are double-walled ASTs, & Tank 3 is a single-walled AST served by a secondary containment #1.
- drum storage area "Chemical Storage Area" is served by containment pallet.

12. Section 112.7(d) requires a clear explanation if you determine that installation of certain specified structures or equipment is not practicable. For bulk containers, conduct both periodic integrity testing of the containers, conduct periodic integrity and leak testing of valves and piping, development of an oil spill contingency plan

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in cooperation with local authorities, and a written commitment of adequate response resources if structural secondary containment cannot be provided.

This action is considered unnecessary due to the secondary containment provided.

- 13.** Section 112.7(e) requires written procedures and records for periodic inspection and tests of the storage areas and containers.

INSPECTION PROCEDURE FOR SPCC PLAN

The following items, if present, must be inspected by trained personnel:

OBSERVE for puddles of product or an oil sheen on any standing water.

ABOVEGROUND PIPING: Liquid bulk fill lines will be inspected for leaks, evidence of leaks, and evidence of potential leaks.

TANKS and PARKED TRUCKS: All bulk storage containers and associated piping will be visually inspected for leaks, overflows, and signs of potential problems. Special emphasis will be placed on the inspection of seams, patches, piping connections, sight glasses, and other openings. Valves should be in their proper position and locked or sealed, if required.

SECONDARY CONTAINMENT: Secondary containment areas will be inspected for adequate capacity and leaks, cracks, or other signs of failure.

TRANSFER PUMPS: Transfer pumps will be inspected for leaks around the housing. Associated piping will be inspected for leaks at the pump connections.

DRUMS: Drums will be inspected when received for condition. Drums will not be accepted if there is evidence of leaks or mishandling. Drums in storage will be examined for leaks, with special attention given to the bottom seam.

DRAINS: There are no drains present at the facility


TANK OVERFILL ALARMS: Overfill alarm systems should be tested periodically for proper function.

DISPENSING HOSES: Dispensing hoses should be inspected for leaks and hose deterioration.

SPILL RESPONSE EQUIPMENT: Check spill response equipment to make sure that it is fully stocked and in good condition. Replace or upgrade as needed.

Table 8 provides an inspection form for conducting inspections aimed at preventing and detecting spill threats. Records of inspections are kept on file for a minimum of three years. Similarly, records of tests such as container integrity tests are kept on site for a minimum of three years. The General Manager is responsible for implementation of the inspection program, as well as directing corrective measures.

The inspection program is intended to provide a mechanism to prevent and detect system malfunctions, equipment deterioration, and operator errors, and to provide early warning of the potential for such events in order that corrective and preventative actions may be taken. The inspection program focuses on safety, emergency equipment, and environmental monitoring. The program is intended to be implemented by

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qualified and trained individuals assigned the responsibility to detect any unsafe conditions at the facility and to help prevent adverse consequences. The designated individuals have the training and authority to:

1. Implement the required inspections;
2. Perform necessary evaluations and hazard assessments; and
3. Recommend appropriate corrective or remedial actions.

The inspection is performed daily. Each item listed on the inspection form is evaluated in such a manner and on such a frequency necessary to alert facility personnel prior to the development of a serious problem. The level of response to a problem is determined by the nature and seriousness of the problem identified, with the protection of personnel and the prevention of adverse impact on the environment being of paramount concern.


- 14.** Section 112.7(f)(1), (2), and (3) require training of oil-handling personnel at least annually and designation of a person at the facility accountable for discharge prevention.

Loren January, Primary Operating Manager is the designated person accountable for discharge prevention. Newly hired operational personnel participate in the JESI spill prevention and control training program. All employees participate in a regularly scheduled review of the SPCC Plan and its procedures. Facility personnel are trained in general orientation and operation of the facility. An on-the-job training program related to the specific duties of each job function is specifically provided in combination with the standardized written, visual, and audible training. In addition, every operational employee participates in the continuing training to maintain proficiency, to learn new techniques and procedures, and to reinforce safety and quality consciousness.

JESI will conduct annual employee meetings that are used as a forum to reinforce understanding of SPCC Procedures. Past spill events (if applicable) and failures are described, malfunctioning components are discussed, and recently developed or changed precautionary measures are addressed. The following summarizes the training program:

Spill Prevention and Countermeasures Plan: Appropriate oil-handling personnel have been instructed in the following spill prevention and countermeasure requirements.

- No tanks, drums, or compartments are to be filled without first checking levels.
- No bulk product deliveries are to be conducted unattended.
- Documented inspections of containers (drums, totes and tanks) used for oil storage or transfer are to be conducted monthly on any appropriate form.
- Accumulated precipitation shall be inspected for the presence of an oil sheen prior to removing pumping accumulation into drum or tank for disposal.
- Containers are to be checked daily for any signs of leaks, deterioration, or vandalism. Visual daily checks of piping, valves, pumps, and hoses are to be made for signs of leaks.
- No phase of material transferring or processing shall be conducted unattended by personnel.

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All personnel are trained in:

- The location of emergency response materials;
- Containment procedures;
- Fire and explosion response;
- Shutdown of liquid handling equipment; and
- Spill notification procedures.

- 15.** Section 112.7(g)(1) requires facilities handling, processing, and storing oil to be fully fenced with entrance gates locked or guarded, when the facility is unattended.

All waste-handling and storage facilities are located within the general perimeter of the facility. The facility has one overhead door which is locked at all times. Normal and routine access to the facility is monitored by JESI personnel.

- 16.** Section 112.7(g)(2) requires the securing of valves, which may permit direct outward flow of the containers contents to the surface, to assure remaining in the close position when not in operation.

No water draws or drain valves for the secondary containment exist at the facility.

- 17.** Section 112.7(g)(3) requires the pump starter controls to be locked in the “off” position and to be located at a site accessible only to authorized personnel when the pump is not operating.

All containment systems, valves, piping, and electrical control systems are located within the Bay 2 and enclosed. There are no special delivery pipelines to the facility.

- 18.** Section 112.7(g)(4) requires adequate lighting to prevent vandalism and to aid in the discovery of discharges during night hours.

Adequate lighting is provided inside Bay 2 at normal operating daytime hours.

- 19.** Section 112.7(h)(1) requires use of quick drainage systems when drainage from loading/unloading areas not provided with catchment.


There are secondary containment systems with sumps provided.

- 20.** Section 112.7(h)(2) requires measures to prevent vehicles from departing before complete disconnection of transfer lines.

Loading and unloading procedures meet the requirements of the Department of Transportation (DOT) for the transfer of hazardous and non-hazardous materials. Personnel are trained in accordance with DOT and OSHA requirements.

- 21.** Section 112.7(h)(3) requires inspection of the lower-most drain and all outlets prior to filling and departure of any tank truck to prevent spillage on site or during transit from the site.

The load/unloading procedures have been discussed earlier in this section.

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- 22.** Section 112.7(i) requires evaluation of a container for risk of failure due to brittle fracture upon repair, alteration, reconstruction, or change of service.

If an aboveground tanks undergoes a repair or alteration that might affect the risk of a discharge due to brittle failure, the tanks will be evaluated prior to being placed back in service. Repairs, alterations, and evaluations are typically conducted by a qualified contractor rather than facility maintenance personnel.

- 23.** Section 112.7(j) requires discussion of more stringent State rules.

The Florida DEP's regulation 62-762.501(2)(c)3.b states, *"Dike field areas with secondary containment shall...contain a minimum of 110% of the maximum capacity of the tank or of the largest single walled tank within the dike field area."*

All secondary containment areas are of sufficient size to contain at minimum 110% of the maximum capacity of the largest tank within the containment area.

- 24.** Section 112.8(a) requires compliance with Sections 112.7 provisions.

As previously addressed, compliance with Section 112.7 provisions has been established.

- 25.** Section 112.8(b)(1) requires control of drainage from diked storage areas.

No outfalls are present at the facility. Pumps are manually activated. All containments are indoors.

- 26.** Section 112.8(b)(2) limits valve use to manual, open-and-closed design valves. Flapper-type drain valves are not allowed.

No drain valves are provided for the containments.

- 27.** Section 112.8(b)(3) requires design of facility drainage systems for undiked areas subject to discharge to flow into catchment basins. Catchment basins may not be located in areas subject to periodic flooding.

This section is not applicable to the facility.

- 28.** Section 112.8(b)(4) requires that a diversion system be provided if Section 112.8(b)(3) cannot be met.


This section is not applicable to the facility.

- 29.** Section 112.8(b)(5) requires fail-safe design for systems requiring pumped transfer within treatment systems for drainage waters.

All pumped transfer systems are manually activated and controlled.

- 30.** Section 112.8(c)(1) requires the use of containers constructed of oil-compatible materials.

All tanks are constructed of carbon steel, which is an oil-compatible material. Stored materials are stored at ambient temperature and pressure.

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- 31.** Section 112.8(c)(2) requires provision of secondary containment for bulk storage tank installations for the capacity of the largest container to be stored plus precipitation freeboard.

Secondary containment structures constructed of concrete are provided at the facility for the oil storage tanks and containment area is of sufficient size to contain the contents of the largest tank. Loading/unloading areas are also located inside the containment. The drum storage area is also on spill containment and the building is roofed and is not subjected to the precipitation freeboard.

- 32.** Section 112.8(c)(3) requires all dike water discharges to be controlled by: keeping bypass valve closed, inspecting retained rainwater prior to discharge, open and close the valve under responsible management, and keep records of such events.

Dike wall drain valves are maintained in the closed position when not in use.

- 33.** Section 112.8(c)(4)&(c)(5) require protection of buried and partially buried metallic storage tanks from corrosion by coatings or cathodic protection backed by periodic leak testing.

There are no underground tanks used for the storage of oil at this facility.

- 34.** Section 112.8(c)(6) requires integrity testing of aboveground containers by frequent visual inspections and by regularly scheduled non-destructive methods. All inspections and test must be recorded.

All tanks are inspected on a regular basis to assess tank integrity by the Owner/Operator or other qualified personnel to assess tank integrity. Formal daily inspections record includes the following:

- Evidence of leaks or spills;
- Condition of tanks;
- Condition of piping and pumps; and
- Condition of secondary containment areas.

These inspections utilize the form provided in **Table 8**.


- 35.** Section 112.8(c)(7) requires monitoring for oil contamination of internal heating coil discharges to open watercourses or the provision of pre discharge storage or treatment.

This section is not applicable to the facility.

- 36.** Section 112.8(c)(8) requires engineering of containers to provide for high level alarms, high liquid level pump cutoff, or manning direct level reading devices. Regular testing of liquid level sensing devices is required.

The possibility of a significant discharge is reduced by the following equipment/processes:

- Direct visual tank level gauges;
- Audible overflow alarm and ancillary overflow containment tank;
- Manned transfer operations; and,
- Regular inspections of tanks and ancillary equipment.

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- 37.** Section 112.8(c)(9) requires observation of effluent treatment facilities frequently enough to detect possible system upsets that could cause a harmful discharge.

This section is not applicable to the facility

- 38.** Section 112.8(c)(10) requires prompt correction of visible discharges.

If it is determined that the integrity of a tank or ancillary equipment is compromised, the tank or equipment will be taken out of service, the problem evaluated, and appropriate steps taken to correct the deficiencies.

- 39.** Section 112.8(c)(11) requires provision of secondary containment for mobile containers.

Tanker trucks containing waste materials are parked inside the building that is served by containment.

- 40.** Section 112.8(d)(1) requires cathodic protection and protective wrapping and coating of piping installed or replaced on or after 8/16/02. Inspection for corrosion of buried piping exposed for any reason is required. Corrosion damage must be repaired.

The facility uses no underground piping for petroleum materials.

- 41.** Section 112.8(d)(2) requires capping or blank flanging of transfer piping when not in service. The transfer piping must also be marked as to the origin.

Out-of-service piping shall be removed, capped, or blank flanged.

- 42.** Section 112.8(d)(3) requires proper design of piping supports to minimize abrasion and corrosion and allow for expansion and contraction.

Piping supports are designed to allow for expansion and contraction while minimizing abrasion and corrosion.

- 43.** Section 112.8(d)(4) requires regular inspection of valves, piping, and appurtenances.


All valves and fittings are periodically inspected for leaks (Table 8). Valves and piping are manned during material transfers.

- 44.** Section 112.8(d)(5) requires signs warning vehicles entering the facility of the presence of overhead piping.

Overhead piping in traffic ways is present at the facility from secondary containment # 2 to the truck wagon unloading area. signs warning for vehicles entering the facility of the presence of overhead piping is posted.

- 45.** Section 112.20(a) requires the owner or operator of a facility that, because of its location, could reasonably be expected to cause substantial harm to the environment by discharging oil into navigable waters to submit a facility response plan to the Regional Administrator. Section 112.(f)(1) and Attachment C-1 provide criteria to determine if the facility “could reasonably be expected to cause substantial harm.”


The “Certification of Substantial Harm Determination Form” will be completed demonstrating that a Facility Response Plan is not required for this facility.

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ATTACHMENT I

CLOSURE PLAN

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I: CLOSURE PLAN

I1 Introduction

This closure plan identifies steps necessary to perform final closure of the JESI facility at any point during its active life.

This Closure Plan and the associated financial assurance for closure is prepared in accordance with the requirements of 40 CFR Part 279.54(h) - Used Oil Management; Closure, FAC 62-710.800(5) - Permits for Used Oil Processing Facilities; Closure. The procedures described herein is intended to minimize the need for further maintenance, protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated run-off, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere, and finally comply with the closure requirements of the regulations discussed above. The Closure Plan is applicable to testing, decontamination and disposal of all structures that may have come in contact with the used oil and all associated byproduct or waste. This Closure Plan addresses the shipment offsite for treatment/disposal of waste items and materials as well as decontamination of the process area and equipment. The Used Oil Processing Facility Closure Cost Estimate Form (DEP Form#62-710.901(7) is provided in **Table 10** that also includes the closure cost estimate summary sheets for five (5) tasks listed and discussed below:

- Task 1 – Tanks, piping and other equipment that will be cleaned/closed
- Task 2 – Decontamination Procedures
- Task 3 – Sampling Methods
- Task 4 – Soil & Groundwater Assessment
- Task 5 – Data Evaluation, Certification & Closure Report


I2 Closure Schedule

At least 60 days before initiation of closure activities, JESI will notify the Department and provide a written schedule of activities to clean close the facility. JESI anticipates to complete closure activities within 90 days of the notification upon which it will submit a Certification of Closure within 30 days following completion of closure activities. The following closure schedule will be utilized upon the date that closure of the facility is initiated:

Timeline from the Date of Closure	Activity
Within 30 days	Analyze all remaining used oil sludge or other solid wastes. Ensure venting system is open and functioning. Check for any leaks. Clean and decontaminate all ASTs, piping and equipment. Disconnect and cap all integral piping. Secure manways from access. Secure system from outside access. Conduct soil sampling and analysis near secondary containment.
Within 6 months of closure.	Continue to operate and maintain corrosion protection. Ensure system is secure.
Within 5 years of closure.	Designate, if applicable, that the system will be permanently out of service.

I3 Performance of Work

All work will be performed under the direct supervision of a Florida Licensed Professional Engineer (P.E.) or representative. If approved by the P.E., some work may be performed by JESI personnel under the supervision of the P.E. The tanks, secondary containment, concrete pad, secondary containment, all piping, transport trucks, centrifuges, separators, roll offs, and ancillary equipment cleaning, decontamination, and dismantling will be performed by a professional tank contractor, or state approved specialty contractor and continually monitored by a professional engineer's (P.E.) representative.

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I4 Task 1 –Tanks, Piping and Other Equipment that Will Be Cleaned/Closed

A site plan depicting the location(s) of the processing and waste treatment/storage units are presented in **Figure 2**. Although, there is no intent for JESI to closure of the facility at this time, this closure plan provides a description of how each waste management unit(s); all twelve (12) ASTs (**Table 1**), transport trucks, frac tanks (if present), rail cars (if present) inside containment and overhead piping, and associated containment area(s), sumps, centrifuges and the separator will be closed in future and in accordance with 40 CFR, Part 265.111; Closure and Post Closure of Tank Systems, and Rule 62-762.800, F.A.C; Aboveground Storage Tank Systems.

The ASTs are made of carbon steel some with paint and/or epoxy coating. The piping is mostly ASTM galvanized steel with some flexible hose piping connections. There are some 55-gallon metal drums used for chemical storage and one 10 cubic yard open top roll off for solid waste (dry sludge) generated from the centrifuges and separator. The five (5) secondary containment system floor and walls around the ASTs are made of concrete.


I5 Task 2 – Decontamination Plan

A decontamination plan will be developed (as part of the Site Safety Plan) and set up before any personnel or equipment may enter areas where the potential for exposure to hazardous substances exists. The decontamination plan will include:

- I. Determine the number and layout of decontamination stations.
- II. Determine the decontamination equipment needed.
- III. Determine appropriate decontamination methods.
- IV. Establish procedures to prevent contamination of clean areas.
- V. Establish methods and procedures to minimize worker contact with contaminants during removal of personal protective clothing and equipment (PPE).
- VI. Establish methods for disposing of clothing and equipment that are not completely decontaminated.
- VII. The plan should be revised whenever the type of personal protective clothing or equipment changes, the site conditions change, or the site hazards are reassessed based on new information.

I6 Standard Operation Procedures

The first step in decontamination is to establish Standard Operating Procedures that minimize contact with waste and thus the potential for contamination. For example: Stress work practices that minimize contact with hazardous substances (e.g., do not walk through areas of obvious contamination, do not directly touch potentially hazardous substances). Use remote sampling, handling, and container-opening techniques (e.g., drum grapplers, pneumatic impact wrenches). Protect monitoring and sampling instruments by bagging. Make openings in the bags for sample ports and sensors that must contact site materials. Wear disposable outer garments and use disposable equipment where appropriate. Cover equipment and tools with a strippable coating which can be removed during decontamination. Encase the source of contaminants, e.g., with plastic sheeting or overpacks. In addition, Standard Operating Procedures will be established that maximize worker protection. For example, proper procedures for dressing prior to entering the Exclusion Zone will minimize the potential for contaminants to bypass the protective clothing and escape decontamination. Only personnel trained in the Standard Operating Procedures for minimizing contact and maximizing worker protection, and these procedures will be allowed to work at the site throughout site operations.

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I7 Cleaning & Decontamination

This closure procedure is primarily to insure that no hazardous constituents exist in the tanks and/or ancillary pipes. The objective of the Closure Plan is to clean and decontaminate the equipment with minimizing waste generation. Upon JESI determining that all used oil processing activities are stopped, all processing equipment will be placed out of service. Clean-up will begin by evacuating all residual oil from the ASTs, piping, processing equipment and ancillary containers, if any. JESI will coordinate with regulatory approved vendors for pickup of all liquids and solids by approved vendors for the transfer of the material to the Department approved facilities for recycling. All processed material at the time of closure will be transferred to the appropriate vendor so that all aboveground storage tanks will be empty for commencement of closure activities. All byproduct and solid waste for disposal generated from processing activities will be analyzed for proper characterization as per **Table 3** and **Table 4** and arranged for pick up by the appropriate disposal facility. An equipment decontamination staging area will be established at a central location.


All structures listed in **Task 1** shall be cleaned by the same procedures outlined below. All personnel, clothing, equipment, and samples leaving the contaminated area of a site (generally referred to as the Exclusion Zone) will be decontaminated to remove any oil that may have adhered to them. Decontamination methods may include removal of either (1) physically remove contaminants, (2) inactivate contaminants by chemical detoxification or disinfection/sterilization, or (3) remove contaminants by a combination of both physical and chemical means. In many cases, gross contamination will be removed by physical means involving dislodging/displacement, rinsing, wiping off, and evaporation. Physical methods involving high pressure will be used in contained area and only as necessary and with caution to avoid spreading contamination. The piping will be decontaminated by wash/rinse process using cleaning solutions or flushing with water and a solvent based degreasing agent compatible with the waste. The tanks will be decontaminated using a solvent based degreasing agent compatible with the waste and the steam cleaner. All waste generated during the closure activities will be pumped into a mobile tanker for storage and subsequently to be transported off-site for disposal.

All equipment used during the closure activities other than sampling equipment, (e.g., brushes, shovels, tank cleaning equipment) will be decontaminated by steam cleaning with an Alconox wash solution. All rinsate water will be contained by portable berming and/or collected using or using the pump/vacuum tanker, or collected via the onsite sump areas within secondary containments. Materials used to construct the decontamination pad (e.g., plastic sheeting and lumber) will be drummed and disposed of at a permitted facility based on the results of the decontamination blank.

I8 Task 3 – Sampling Methods

The closure of the facility will require sampling of any remaining used oil materials. These materials may include used oil and sludge. Additionally, the rinse waters and residues generated from clean-up and closure procedures will have to be sampled prior to disposal. All procedures for sampling and analyses will be performed in accordance with the applicable requirements specified in Test Methods for Evaluating Solid Waste-Physical/Chemical Methods SW-846.

Units	Material	Sampling Frequency	Analysis
Transport Trucks	Used Oil, solid waste/sludge	Used oil – One sample/tanker truck	Used Oil – TABLE D for used oil, as defined in Rule 62-780.200(50), F.A.C Sludge – TCLP (metals, volatiles and semi volatiles) *See below for analysis detail
Overhead Piping	Used Oil, solid waste/sludge	Used oil – One sample/pipe	Used Oil – TABLE D for used oil, as defined in Rule 62-780.200(50), F.A.C Sludge – TCLP (metals, volatiles and semi volatiles) *See below for analysis detail

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Containment Piping	Used Oil, solid waste/sludge	Used oil – One sample/pipe	Used Oil – TABLE D for used oil, as defined in Rule 62-780.200(50), F.A.C Sludge – TCLP (metals, volatiles and semi volatiles) *See below for analysis detail
Storage Tanks	Used Oil, solid waste/sludge	Used oil – One sample/tank	Used Oil – TABLE D for used oil, as defined in Rule 62-780.200(50), F.A.C Sludge – TCLP (metals, volatiles and semi volatiles) *See below for analysis detail
Decontamination of tanks	Rinsewater and residues	One sample/system decontaminated	Rinsewater - USEPA Method 8260, 8270 and 8 RCRA Metals. Residues (solids)- TCLP (metals, volatiles and semi-volatiles) *See below for analysis detail

* Sampling analysis will be conducted according to applicable Environmental Protection Agency Methods (EPA) methods and/or in accordance with SW-846. The analyses that will be utilized are from TABLE D for used oil, as defined in Rule 62-780.200(50), F.A.C., for identified products not listed in the Gasoline or Kerosene Analytical Groups, and for products for which the specific identity is unknown. Toxicity Characteristic Leaching Procedure (TCLP) and the subsequent analyses for metals shall be performed on soil samples to determine if the soil is a hazardous waste and to evaluate leaching potential when the total concentration of any contaminant of concern in the samples meets the following conditions (the applicable analytical method shall be used following sample preparation by EPA Method 1311 and any appropriate digestion procedure)


The criteria used to determine if all tanks, piping and equipment system has been properly decontaminated are that no visible residues remain and an analyses of a final rinsate sample be collected for the following parameters in accordance with Methods listed above. The decontamination criteria are based on those constituents "possibly present" in the wastes managed by JESI since its inception. Should the rinsate not meet the criteria, the respective unit(s) will be further decontaminated as described above and additional samples of rinsate will be collected until the decontamination criteria is met. Equipment decontamination will be completed in a manner that to render all equipment, tanks and piping can be reused at a later date or offered for recycling. All waste to be shipped off-site, as a hazardous waste, will have a waste classification code, supplied by the DEP/EPA Notification and Waste Classification Unit, and will be manifested prior to shipment.

19 Task 4 – Soil and Groundwater Assessment

In accordance with 40 CFR, Part 279.54, soil investigation may be necessary to verify that clean closure of the facility has been obtained.

The concrete pads underlying the tanks and the secondary containment systems will be inspected before and after decontamination for evidence of cracks and spills. If cracks and spillage are identified, soil samples will be collected from beneath the concrete pad(s) at the location of each crack or spillage. If cracks of length greater than ten feet (10) are found, a soil sample will be collected every ten feet (10) along the crack. No soil sample will be collected within ten feet (10') of any other soil sample location.

If soil sampling becomes necessary, a licensed driller will be retained to drill a three inch (3") core through the five (5) concrete secondary containment pad(s) including the rail car/trailer loading/unloading concrete pad area. This Closure Plan assumes that forty (40) soil samples will be collected from a depth of 0 to 12 inches below land surface (bls) using a 2-inch diameter stainless steel auger at various locations. All sampling and analyses will comply with the applicable requirements of Chapter 62-160, F.A.C. procedures specified in Test Methods for Evaluating Solid Waste - Physical/Chemical Methods, SW-846. Analytical parameters will be in accordance to the Table D for used oil, as defined in Rule 62-780.200(50), F.A.C., for identified products not listed in the Gasoline or Kerosene Analytical Groups. One background soil sample will be collected from an area of the facility not affected by facility operations and analyzed for the same parameters. The data that will be used to determine if the soil underlying the concrete pad has been contaminated by oil. The area will be deemed to be clean if the parameters are below FDEP Clean Soil Guidance Criteria as stated in FAC 62-777, except for parameters that are equal to or are lower than the natural background concentration.

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Soil samples will be placed in glass sample containers provided by the contract laboratory. All sample containers will be labeled with the facility name, sampling location, sample identification number, and date and time of sample collection. All sample containers will be placed in plastic bags on ice in an insulated cooler. Appropriate chain-of-custody forms will be completed and sent to the analytical laboratory with the samples. All used sampling equipment will be decontaminated on site. All decontamination rinsate and any other waste generated during sampling activities will be collected and tested to determine if it is disposed of offsite at a permitted facility as a hazardous waste or a non-hazardous waste.

If results of analyses of sample collected from beneath the five (5) concrete secondary containment pad(s) including the rail car/trailer loading/unloading concrete pad area indicate concentrations of contaminants above background levels, a soil investigation work plan will be developed and submitted under separate cover, and a soil boring program will be implemented to determine the extent of contamination. The soil investigation work plan will include, but not limited to establishing a grid system and defining sample locations and sampling procedures. Once the extent of contamination, if any is defined, a plan for remediation of contaminated subsoil will be submitted to the Department under separate cover. Therefore, this plan does not address soil remediation. If soil contamination is not found then groundwater assessment will not be conducted. Should soil contamination be found and there is evidence that the contaminated soil may have impacted the groundwater, and regulatory agencies concur with the findings, ground water investigation will be conducted in the area of soil contamination.

It is assumed in this closure plan that soil contamination is found and that limited groundwater assessment will be required during closure activities. The assessment will be in the vicinity of the affected soil contamination area. In this case GeoTech assumes that all five (5) concrete secondary containment pad(s) including the rail car/trailer loading/unloading concrete pad area will require groundwater assessment. Therefore, nine (9) groundwater monitoring wells will be required to assess for groundwater contamination, if any. Ground water samples will be obtained from each well using approved sampling requirements of Chapter 62-160, F.A.C., Groundwater samples will be analyzed for the analytical parameters listed in Table D for used oil, as defined in Rule 62-780.200(50), F.A.C. The analytical parameters may be modified to include additional constituents under local, state or federal regulations. It should be noted that this Closure Plan does not address groundwater assessment or additional delineation beyond the findings of the nine monitoring sample collection points to define a contamination plume in accordance to Rule 62-780, F.A.C.


I10 Task 5 – Data Evaluation, Certification & Closure Report

A Professional Engineer (P.E.) will make periodic site inspections for collecting samples and verifying the decontamination procedures. The sequence for closing the equipment and units will be determined by the P.E. Site visits will be conducted by an independent registered professional engineer or engineer's representative during the closure activities. The engineer will verify that wastes have been removed, tanks and pads have been cleaned, and samples have been collected and analyzed for the appropriate analytes. The engineer will be responsible for collecting any soil samples and evaluating/validating all analytical data. A final closure report will be prepared by the engineer's representative and certified by the P.E.

All hazardous wastes will be disposed of within 90 days after approval of the closure plan or within 90 days after receiving the final volume of hazardous waste at a permitted hazardous waste facility. The Department will be notified 60 days prior to initiating closure activities. The clean closure will be completed within 180 days of commencing work. A final report verifying that the facility has been closed in accordance with the approved closure plan will be certified by the registered Professional Engineer. Closure certification will be completed and submitted by registered mail within 30 days after completion of the closure activities.


I 11 Closure Cost Estimate

The cost estimate to complete the closure activities is estimated at \$111,314.50 as presented in **Table 10**. The estimate is based on clean closure of each unit.

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The Closure Cost Estimate fees are based on maximum amounts for any given expenditure. For example, initial disposal and removal of material for closure will be calculated as if all tanks, piping, and processing equipment are completely full of material to be emptied. Other items will include the disposal of all liquids (rinse water) and sludge byproducts from the processing equipment (i.e. a maximum of the ten (10) 55-gallon drums containing sludge, oily rags, etc.) and roll offs.

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ATTACHMENT J

EMPLOYEE TRAINING PROGRAM

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J: EMPLOYEE TRAINING PROGRAM

January Environmental Services, Inc., employee training program will consist of the following:


1. Facility Spill Prevention Control and Countermeasure Plan
 - 40 CFR Part 112.
 - Overview of SPCC plan and its purpose.
 - Operation and maintenance of equipment to prevent petroleum discharge.
 - Applicable pollution control laws, rules and regulations.
 - Fluid level monitoring in tanks.
 - Material delivery monitoring/observations
 - Inspection/recordkeeping requirements
 - Spill Response Procedures
2. Hazard Communication
 - Hazardous Materials Identification System
 - Scope, purpose and utilization
3. Container Labeling
 - 40 CFR Part 279 - Standards for the Management of Used Oil
 - Storage, condition, labeling and response to Release of Material stored in containers.
 - Storage locations for empty, used and new storage containers
4. Emergency Preparedness and Contingency Plan
 - Emergency Action Plan
 - Scope, purpose and utilization
5. USDOT Hazardous Materials Handling and Transportation
 - 49 CFR Part 172
 - General awareness/familiarization training
 - Function-specific training
 - Safety training
 - Security awareness training

These training presentations are maintained by the Cris January, Owner/Operator and each employee who works or is involved in the facility operations, will attend and participate in the required training. Documentation of training will be kept in each employee file and a description of the training provided.

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ATTACHMENT K
SITE PHOTOGRAPHS

Project No. 021709	
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K: SITE PHOTOGRAPHS



Description: View of the BT-301 and BT-302. Note no Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and control panel

Site Photo No: 1

Project Name: January Environmental Services, Inc

Date: 2017-06-07



Description: Additional view of the BT-301 and BT-302.

Site Photo No: 2

Project Name: January Environmental Services, Inc

Date: 2017-06-07

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Description: View of the BT-301 facing North

Site Photo No: 3

Project Name: January Environmental Services, Inc

Date: 2017-06-07

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