



**MITTAUER**  
 & ASSOCIATES, INC.  
 CONSULTING ENGINEERS

580-1 WELLS ROAD  
 ORANGE PARK, FL 32073  
 PHONE: (904) 278-0030  
 FAX: (904) 278-0840  
 WWW.MITTAUER.COM

# LETTER OF TRANSMITTAL

**TO:** Mr. Bryan Baker, P.G.  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

<b>DATE:</b> 3/5/18	<b>PROJECT No.:</b> 9122-43-1
<b>RE:</b> Permit Modification	
Liquid Environmental Solutions, Jacksonville	

WE ARE SENDING YOU:  Attached  Under Separate Cover Via \_\_\_\_\_, the following items:  
 Plans/Prints  Specifications  Originals  Computer Disk \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
2			LES Letter requesting Permit Modification
2			Tank Closure Schedule
2			Updated Site Plan with revised Tank Table

THESE ITEMS ARE TRANSMITTED as checked below:

For Your Use  For Your Information  As Requested  For Your Approval  For Your Review and Comment

We will complete and submit a closure report at the completion of the tank removal.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COPY TO: LES - Yuri Turovsky

SIGNED:   
 David S. Hodges  
 Project Engineer



February 9, 2018

Mr. Bryan Baker, P.G.  
Environmental Administrator  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

RE: Used Oil Processing Facility Permit Modification  
Facility Name: Liquid Environmental Solutions of Florida, LLC  
I.D. Number: FLD 981 928 484  
Used Oil Permit Number: 72815-017-HO  
Solid Waste Permit Number: 72815-018-SO  
Liquid Environmental Solutions of Florida, LLC  
Mittauer & Associates, Inc. Project No. 9122-43-1

Dear Mr. Baker:

Liquid Environmental Solutions desires to carry out processing facility modifications for the purposes of better managing processing operations for the service of current market demands.

The modifications include the following:

**Removal of Tanks:**

<u>TANK</u>	<u>USE</u>	<u>CAPACITY</u>
3A	Oily Water Storage	15,000 Gal.
3B	Oily Water Storage	15,000 Gal.
4A	Used Oil Storage	10,000 Gal.
4B	Used Oil Storage	20,000 Gal.
Total Capacity Reduction		60,000 Gal.

Decommissioning of the tanks removed will be managed in accordance with the Tank Closure Schedule (enclosed).

**Installation of Tanks:**

<u>TANK</u>	<u>USE</u>	<u>CAPACITY</u>
121	Oily Water Storage	35,000 Gal.
122	Oily Water Storage	35,000 Gal.
Total Capacity Increase		70,000 Gal

Mr. Bryan Baker  
February 9, 2018  
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**Net on-site storage capacity change: +10,000 Gal.**

Please find enclosed the following exhibits:

1. Tank Closure Schedule for Tanks 3A, 3B, 4A & 4B.
2. Site Plan Revised
3. Tank Schedule Revised

A Tank Closure Certification will be prepared and submitted when modifications are complete.

Please contact our Project Engineer, David Hodges via telephone at (904) 278-0030 or email at [dhodges@mittauer.com](mailto:dhodges@mittauer.com) should you need additional information.

Sincerely,  
Liquid Environmental Solutions



Yuri Turovsky  
Plant Manager

cc: Joseph Mittauer, Mittauer & Associates



RECEIVED

FEB 06 2018

Mittauer & Assoc., Inc.

Revised: December 20, 2018

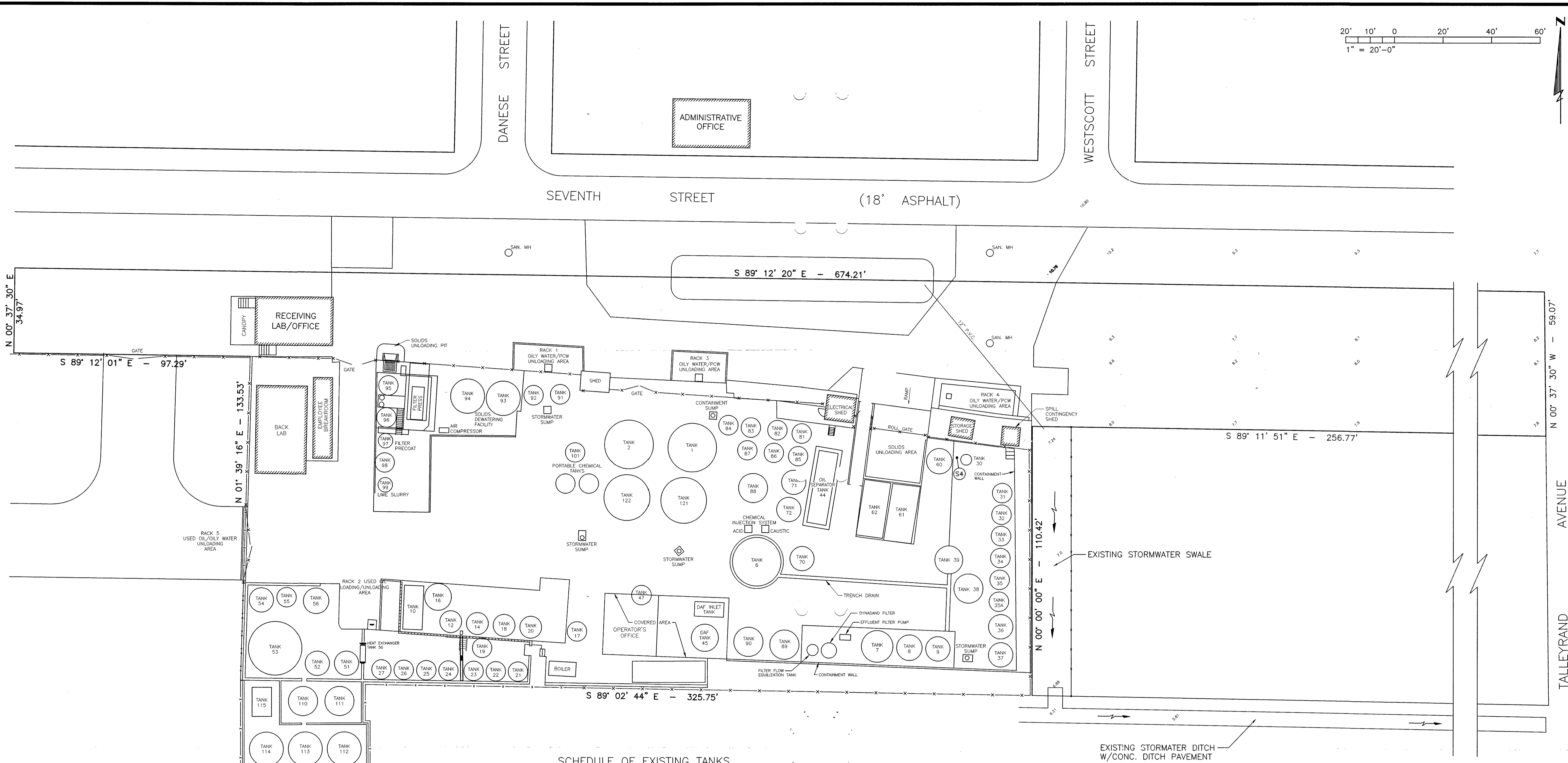
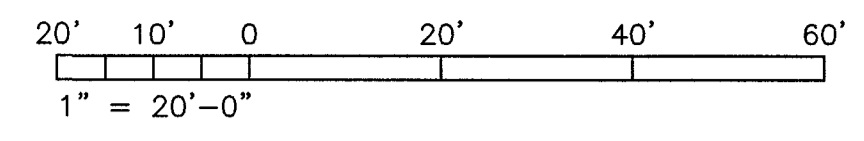
Tank Closure Schedule - Tanks 3A, 3B, 4A, and 4B

This schedule is prepared to meet the requirements of Used Oil Permit 72815-HO-012 Part V and the LES Closure Plan.

1. Empty tanks – complete
2. Test residue in Tanks 3A, 3B, 4A and 4B. Each tank will be sampled individually and tested for analytical methods 6010B, 8015B, 8260B, 8270C. Estimated completion – by 1/10/2018.
3. Remove and dispose of the residue, triple rinse tanks and piping – by 1/15/2018
4. Remove the tanks and piping to a scrap steel dealer – by 2/15/2018
5. Submit a closure report along with request for minor permit modification to FDEP – by 03/15/2018

Yuri Turovsky  
Plant Manager

A handwritten signature in blue ink, appearing to read "Yuri Turovsky", is written over a faint circular stamp.



SCHEDULE OF EXISTING TANKS

No.	NAME/USE	CAPACITY	No.	NAME/USE	CAPACITY	No.	NAME/USE	CAPACITY
1	OW	27,270	36	W	20,000	87	OW	6,000
2	OW	27,270	37	W	20,000	88	OW	6,000
6	OW	62,000	38	W	30,000	89	S	10,000
7	W	22,000	39	W	30,000	90	S	10,000
8	W	22,000	40	HEAT EXCHANGER	N/A	91	OW	5,000
9	W	23,000	44	OIL SEPARATOR	10,000	92	OW	5,000
10	O	4,800	45	DAF UNIT	2,000	93	S/OW	12,000
12	O	7,800	45A	DAF INLET	1,000	94	S/OW	12,000
14	O	9,750	47	DAF CLARIFIER	4,200	95	S	4,000
16	O	16,075	50	HEAT EXCHANGER	N/A	96	S	4,000
17	VIRGIN FUELS	1,200	51	O	15,000	97	FILTER PRECOAT	1,000
18	O	9,950	52	O	15,000	98	W	12,000
19	O	7,800	53	O	85,000	99	LIME SLURRY	1,000
20	O	7,800	54	O	19,000	101	O	6,000
21	VIRGIN FUELS	8,000	55	O	9,750	110	FOG	20,000
22	O	7,800	56	O	20,000	111	FOG	20,000
23	O	9,950	60	S	12,000	112	FOG	37,000
24	O	15,000	61	S	8,000	113	FOG	37,000
25	O	15,000	62	S	8,000	114	FOG	37,000
26	O	15,000	70	S/OW	9,500	115	FOG	4,000
27	O	15,700	71	OW	6,500	121	OW	35,000
30	W	500	72	OW	6,500	122	OW	35,000
31	W	10,000	81	PCW	5,000			
32	W	12,000	82	PCW	5,000			
33	W	12,000	83	OW	5,500			
34	W	12,000	84	OW	5,500			
35	W	10,000	85	OW	6,000			
35A	W	11,650	86	OW	6,000			

NOTE: TANK NUMBERS CROSSED OUT ARE SCHEDULED FOR REMOVAL

- TANK LEGEND
- FOG - FAT, OIL & GREASE
  - O - OIL MANAGEMENT UNIT
  - OW - OILY WATER
  - PCW - PETROLEUM CONTACT WATER
  - S - SLUDGE OR SOLIDS
  - W - WATER
  - - EXISTING TANK

REVISION DESCRIPTION

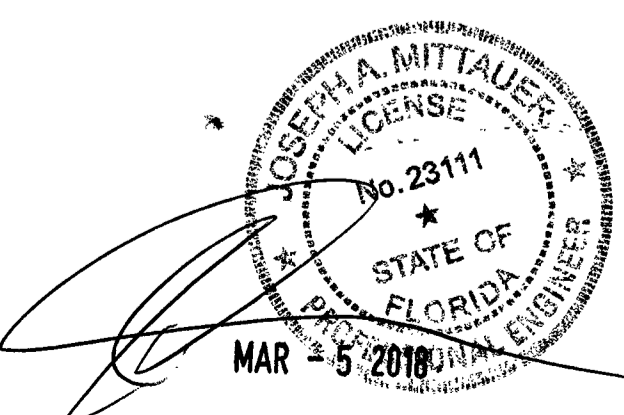
NO	DATE	BY

DESIGN: JAM  
DRAWN: DSH  
PROJECT MGR: JAM  
DATE: 1/30/18  
SCALE: 1" = 20'-0"

**MITTAUER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS

580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073  
TEL: (904) 278-0030 FAX: (904) 278-0840

LIQUID ENVIRONMENTAL SOLUTIONS  
Centralized Wastewater Treatment  
Site Plan  
Jacksonville, FL



JOB NO. 9122-43-1  
SHEET NO.

M:\CAD Files\Liquid Environmental Solutions\9122431\Site Plan.dwg, 3/1/2018 9:58:27 PM