



A Republic Services Company

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April 17, 2025

Environmental Administrator
Florida Department of Environmental Protection
Hazardous Waste Program and Permitting
2600 Blair Stone Road, M.S. 4560
Tallahassee FL32399-2400

Hazardous Waste Supervisor
Florida Department of Environmental Protection
Southwest District Office
13501 Telecom Parkway North
Temple Terrace, Florida 3637

Re: Response to First Request for Additional Information (RAI)
Renewal Application for Used Oil & Material Processing Permit
Aqua Clean Environmental Company LLC
EPA ID Number: FLR-000-034-033
Current Used Oil & Material Permit: 0294693-011-HO & 0294693-012-SO
Lakeland, Polk County, Florida

To Ms. Smith:

Please find enclosed the response to your First Request for Additional Information (RAI) dated March 20, 2025.

- 1. Part 1, B. 3 did not reference a topographic map. Additionally, Figure A-3 is referenced as a USGC Topographic map but did not include contour lines representing elevations and potential flood risks. This figure is out of focus and blurred; features such as roads and drainage are difficult to identify. Also, this figure was dated 2018 and may no longer be representative of current site conditions and weather patterns.*

Response: An updated topographic map printed from the Polk County Geographic Information System website is attached to this response. The map shows the contour lines, elevations, roads, and flood zone information.

- 2. Figure A-2 FEMA map is not legible, even if zoomed in PDF version. Ensure that the re-submittal is representative of 100-year flood plain data and readable when zoomed; this is especially pertinent with this site, as it appears to be immediately adjacent to swampy low-lying areas.*

Response: An updated FEMA Flood Insurance Rate Map (FIRM) is attached to this response. This is the most recent FIRM available on the FEMA website. As noted on the

drawing, the two Zone A flood zones shown on the map are the facility stormwater detention ponds.

3. *The Spill Prevention Control and Countermeasure Plan (SPCC) is dated August 25, 2022. Please ensure that the SPCC information is up to date.*

Response: The August 25, 2022 SPCC is the most up to date plan. It will be updated to reflect the changes requested in the most recent Oil Permit application upon completion of the facility upgrades.

4. *There are minor typo errors within the submittal that should be corrected. Page 2 of 9 bold typed "IS" after ACE US EPA. Section 2.0 of the Used Oil Analysis Plan there is a typo associated with abbreviating Total Organic Halogens, "TH". For clarity, please consider including City of Lakeland Publicly Owned Treatment Works to reference its acronym POTW.*

Response: The typographical errors have been corrected and the revised documents are attached to this response.

RESPONSE TO MEMORANDUM FROM PHIL CIARAVELLA

A memorandum from Phil Ciaravella was included as an attachment to the March 20, 2025 First Request for Information from FDEP that had an additional list of requested information. As a response to the memorandum Aqua Clean Environmental has attached an executed Application to Construct, Operate, or Modify a Waste Processing Facility. Below are the responses to the memorandum request to provide a description of the operation of the facility:

ADDITIONAL REQUEST

In addition to consideration of the additional information presented to address your request, we respectfully submit that consideration be given to granting of additional flexible capacity increases in current permit limitations for handling of containerized oily wastes and oily debris to ensure adequate capacity for ongoing and future operations. The current permit states that:

"the facility is authorized to receive and store used oil filters in 55-gallon drums and other Department of Transportation approved containers. The storage containers are staged on an oil impermeable surface of reinforced concrete in the covered area beneath tank 17 coated with Carboline #890 Epoxy Seal or equivalent (15 mil dry film thickness). The solid waste quantity stored on site that shall not exceed fifty 55-gallon drums or their equivalent volume and three 35 cubic yard containers or trailers. The facility has a drum storage area of approximately 1,000 square feet. No other material except saw dust (a solidifying agent) will be added to the solid waste mixture. The maximum amount of solid waste to be brought and processed at the permitted facility shall not exceed 720 cubic yards per year. The roll-off containers must be covered at all times, except during loading and unloading".

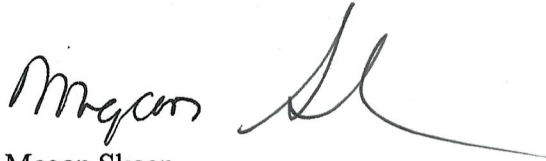
In addition to the tank storage and modifications proposed in our application, Aqua Clean has sufficient storage and processing capacity to manage at least two hundred 55-gallon drum equivalents of oily wastes on the existing 1000 SF paved/contained areas depicted in the existing permit and the adjacent concrete pad depicted in the renewal application. The materials would include regulated used oil, oily wastes and PCW in 55-gallon drums and intermediate bulk

containers and/or IBCs containing regulated oily wastes or PCW being handled for decant and/or bulk consolidation regulated oily wastes and used oil filters. The area may also be used to store and manage containerized wastewater and wastes regulated/managed under the Aqua Clean wastewater permit. In addition to containerized wastes, Shamrock has additional capacity to manage additional regulated oily solid wastes in bulk containers and requests an increase in such permitted quantity to 1000 CY/year. Lastly, Aqua Clean requests expansion of solidification media to include wood dust, mulch, superabsorbent powder and other suitable manufacturing byproducts with absorptive capacity and which may otherwise end up unused and disposed in landfills. Accordingly, Shamrock proposes the following changes/additions to the permit language:

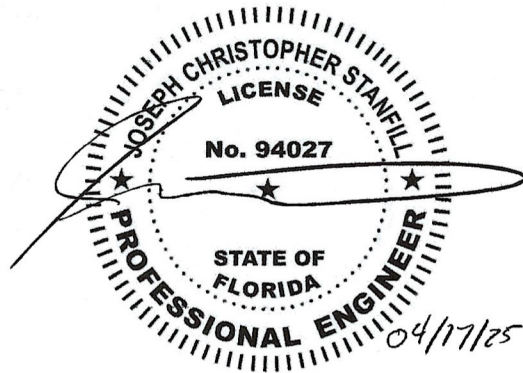
“in addition to wastewater solids removed and processed from the separately permitted wastewater treatment operations, the facility is authorized to receive and store used oil filters in 55-gallon drums and other Department of Transportation approved containers including IBCs. Containerized waste may be decanted, bulked or solidified as appropriate to the composition. The storage containers are staged on an oil impermeable surface of reinforced concrete in the covered area beneath and adjacent to tank 17 coated with Carbolite #890 Epoxy Seal or equivalent (15 mil dry film thickness). The oily solid waste quantity stored on site that shall not exceed two-hundred 55-gallon drums or their equivalent volume and four 35 cubic yard containers or trailers. The facility has a drum storage area of approximately 1,000 square feet. Wood dust, mulch, superabsorbent powder and other suitable manufacturing byproducts with absorptive capacity and which may otherwise end up unused and disposed in landfills and other compatible solid waste (with absorptive capacity) may be used for solidification. No other material except those listed herein will be added to the solid waste mixture. The maximum amount of oily solid waste to be brought and processed at the permitted facility shall not exceed 1000 cubic yards per year. The roll-off containers must be covered at all times, except during loading and unloading”.

For any questions related to this matter, please contact me direct at 863.644.0665, toll-free at 800.881.1098 or by email at mskeen@shamrockenviro.com.

Sincerely,



Megan Skeen
Business Unit Manager



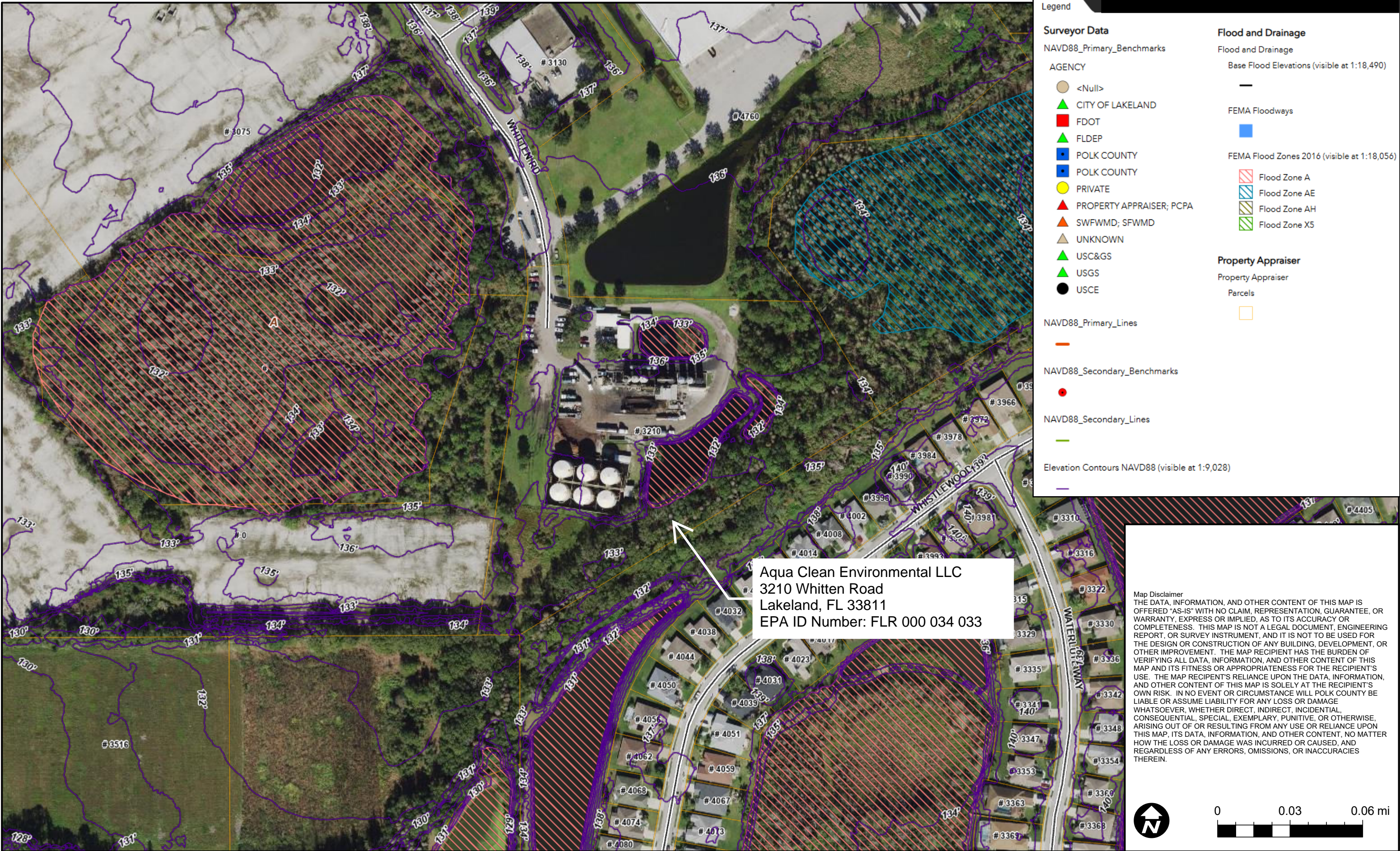
J Chris Stanfill, P.E.
Director of Engineering

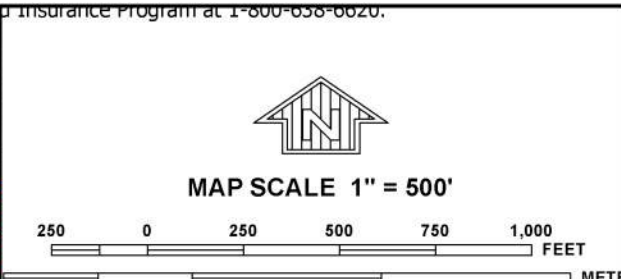
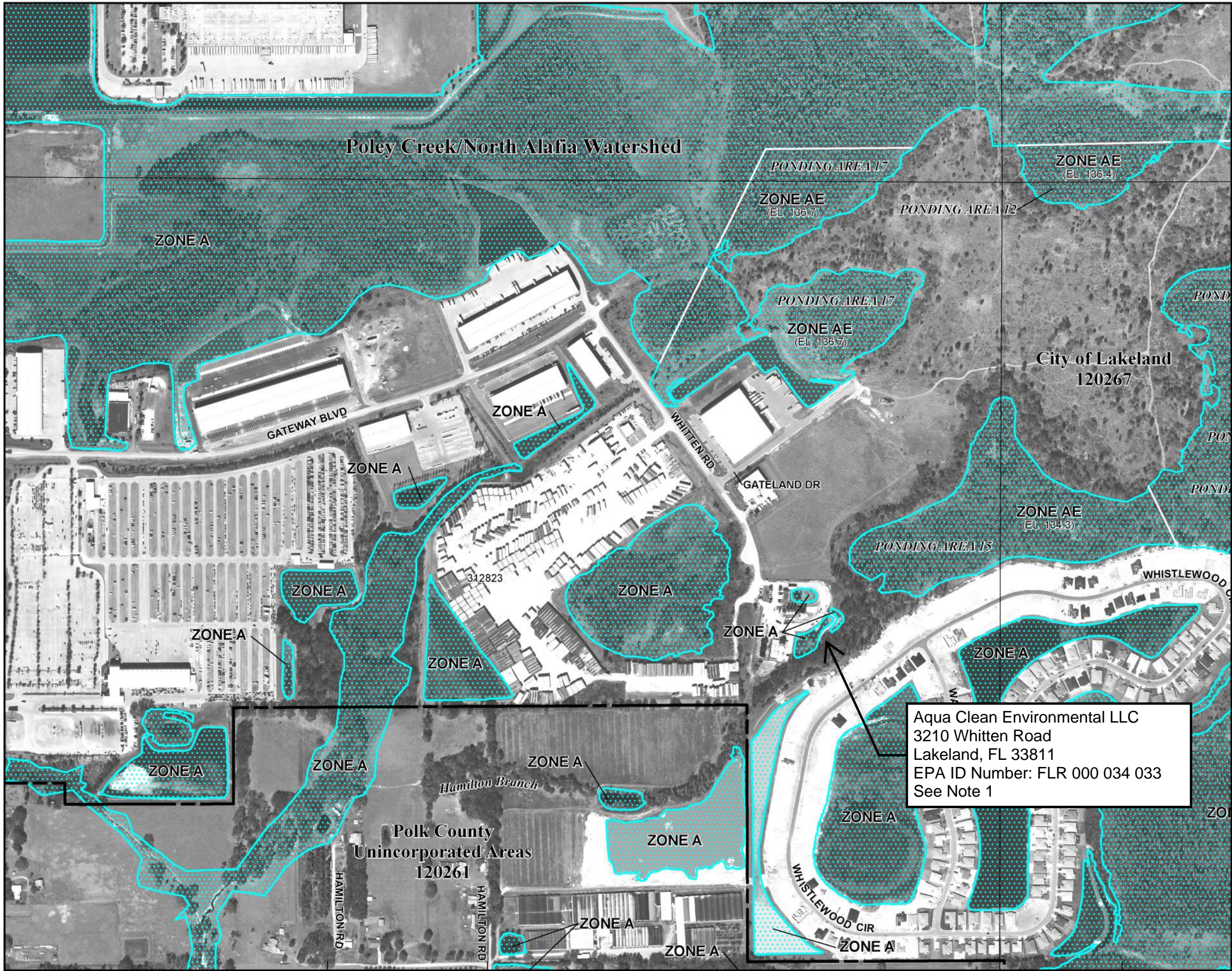
Enclosures:

- Updated Topographic Map for the Facility
- Updated FEMA FIRM for the Facility
- Updated Attachments to the Application
- Completed Application to Construct, Operate, or Modify a Waste Processing Facility
- City of Lakeland Wastewater Discharge Permit No. 1041C, expires June 30, 2026

cc: Jeff Ray, FDEP Jeff.a.ray@floridadep.gov
Jim Hollingsworth VP HS&E
Matt Ashmore

Polk County - GIS Viewer v.1





NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0293G

FIRM
FLOOD INSURANCE RATE MAP
POLK COUNTY,
FLORIDA
AND INCORPORATED AREAS

PANEL 293 OF 1025
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LAKELAND, CITY OF	120267	0293	G
PLANT CITY, CITY OF	120113	0293	G
POLK COUNTY	120261	0293	G

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
12105C0293G

MAP REVISED
DECEMBER 22, 2016

Federal Emergency Management Agency

Aqua Clean Environmental LLC
3210 Whitten Road
Lakeland, FL 33811
EPA ID Number: FLR 000 034 033
See Note 1

Note 1 - The two Zone A Flood areas shown on the Aqua Clean Environmental LLC site are the stormwater detention basins for the facility.

This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

ATTACHMENT I - DESCRIPTION OF FACILITY OPERATION.

Aqua Clean Environmental Company, LLC (ACE) processes industrial wastewater and recovers hydrocarbons associated with this material in addition to other site waste management activities. ACE also receives and processes used oil and petroleum contact water (PCW). Typically, hydrocarbon recovery represents about 5-10% of the total volume of material received annually.

ACE accepts only non-hazardous, non-biological industrial wastewater, primarily from the following sources: 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.

All prospective wastewater and wastewater/hydrocarbon mixtures are carefully examined before acceptance. ACE requires material profile information and may require a sample for review prior to acceptance. In addition, ACE personnel perform treatability studies to determine whether we can treat the proposed waste stream effectively.

Accepted wastewater is transported to the ACE facility by ACE and related entities, common carriers, contract carriers or customer arranged carriers. Practically all material received at the ACE facility is received in bulk quantities transported in tank trucks or vacuum truck but bulk wastes in intermediate bulk containers (IBCs) and non-bulk drums are also handled. The waste is sampled before unloading to determine conformity with previously reviewed samples and waste profile information and to be sure the material passes screening test. Accepted waste is then unloaded to specified tanks for treatment. IBCs and non-bulk containers are decanted using a vacuum truck.

Treatment involves the following steps:

1. Separation of free oil, PCW hydrocarbons and other hydrocarbons.
Wastewater/hydrocarbon mixtures are pumped to specified tanks for phase separation. Separated wastewater is pre-treated, analyzed and discharged to the City of Lakeland Publicly Owned Treatment Works (POTW). Hydrocarbons are routed to specified tanks for de-watering using gravity, and/or de-emulsifying chemicals. Processed hydrocarbons are sold for energy recovery to end users, fuel blenders or re-refiners as appropriate to the condition of the oil. Wastewater from used oil processing is returned to the permitted wastewater treatment process for further treatment and discharge to the POTW.
2. Wastewater is treated using physical-chemical treatment. Some incidental aeration and biological treatment may also be used. Typically, the chemical treatment involves pH adjustment, coagulation and flocculation. The treated water is tested for conformance to discharge criteria and then discharged to the City of Lakeland POTW. The solids removed from the water are mixed with sawdust or other and transported to an approved landfill.
3. Solids separated from the used oil, PCW, wastewater are removed to a solidification pit and amended with wood dust, mulch and other amendments to solidify to meet paint filter test and shipped off site to an approved landfill. Booms, sorbent pads, and oil contaminated debris are also processed through the solidification operation. Periodic characterization is performed for solidified solids being managed as solid waste.



ACE employs six to twelve personnel to process wastes and wastewater. Transportation to the Lakeland facility is provided by ACE employed drivers and equipment, and outside carriers by vacuum truck, tank truck and self-delivery by generators. ACE will accept to storage tanks, after screening, the phase separated oils and other hydrocarbons after screening, separating the heavier oils from lighter, more volatile hydrocarbons. After phase separation in the storage tanks, the bottom water layer pumped to the ACE wastewater treatment system. The remaining oil or recovered hydrocarbons are accumulated and sold to a re-processor, fuel blender, re-refiner and/or marketed depending on the quality of the oil received/processed as either on spec or off spec depending on test results. Most light hydrocarbons are transferred directly to another processor. See plans and piping drawings for ACE equipment locations.



Attachment III - Analysis Plan

The ACE Oil Analysis Plan is attached. Included within the plan are sections covering the management of residues and the tracking system for used oil.



USED OIL ANALYSIS PLAN

Aqua Clean Environmental Company, LLC
3210 Whitten Rd.
Lakeland FL 33811

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IIIA. USED OIL ANALYSIS PLAN

1.0 INTRODUCTION

This plan is intended for compliance with the requirements of 40 CFR 279.55 and Chapter 62-710, F.A.C. This plan covers all used oil received, processed, and marketed by ACE. ACE engages in transactions involving used oil, off-specification used oil fuel and on-specification used oil fuel. ACE US EPA number is FLR000034033

2.0 ACCEPTANCE PROTOCOL

ACE processes used oil and oily wastes generated by a wide variety of marine and industrial sources. Since there is a high degree of variability among these different sources, ACE employs a combination of both process knowledge and sample analyses of halogen content to comply with the analysis requirements of 40 CFR 279.53. However, at a minimum, ACE samples and screens each used oil or oily waste shipment for Total Organic Halogens (TOH) using a TEK-Mate leak detector and/or EPA method 9077 (Dexsil Chlor-D-Tect 1000). No hazardous waste fuel is accepted by ACE. Before any oil or oily waste is accepted by ACE, the generator must complete a Material Characterization Profile "PROFILE". The PROFILE document provides ACE with the generator's name, name of the material, volume, process generating the material, the characteristics of the material, if the material is or has been mixed with a hazardous waste, and a generator's certification.

Generators may provide their own analyses; ACE may have analyses performed by an outside laboratory to support the generator's determination of the regulatory status of the material destined for ACE. Samples accompany the PROFILE in some instances. ACE takes the determination whether or not waste or materials are acceptable under the permits issued to the facility. Once ACE has approved the PROFILE, the generator is granted approval to deliver the material to the ACE facility. As each shipment of used oil or oily waste arrives at the facility, it is sampled at the vehicle staging area outside the ACE loading/unloading area. Receiving personnel perform a visual inspection of the load and, depending on the physical nature of the load, select an appropriate sampling technique. A coliwasa may be used for bulk or drum sampling. A dipper or equivalent device may be used where the material is judged to be homogenous.

At this point, receiving personnel match the sample from the load to the initial profile. A sample shall be screened using EPA method 9077, Dexsil® Kit, or a Tek Mate Sniffer. No shipment is allowed to be offloaded until it is determined that the TOH content does not exceed 1,000 ppm, or in the case of materials exceeding that limit, the presumption that the used oil has been mixed with waste has been successfully rebutted and that it matches the initial profile. Oil and oily waste destined for ACE that fails to meet the acceptable criteria are refused according to the procedure outlined in 7.0.

Parameters other than TOH may be analyzed at ACE discretion for quality control purposes and assurance that no hazardous waste is accepted. All data recorded by ACE personnel on incoming shipments of used oil and oily waste are entered in a Receiving Document Database referenced by generator name, and date. Waste or material received in drums or totes will be managed in the same manner. If other regulated compounds are expected to be present, samples of the oily waste may be sent to an outside laboratory to be analyzed. The oil or oily waste will not be unloaded until the ACE is satisfied that the material is not hazardous waste. Approved EPA methods found in SW846 are used. The parameters applicable to oily waste acceptance, that ACE has the ability to perform onsite, are listed in the table below.

Parameter	Method
pH	EPA 150.1
Flash Point	EPA 1010 (ASTM D 93)
Halogen Screen	Tek-Mate Leak Detector If Tek-Mate is Positive Clor-D-Tect 1000

3.0 REBUTTABLE PRESUMPTION

Where TOH values exceed 1,000 ppm, it remains the responsibility of the generator of the presumed hazardous waste/used oil mixture to rebut the presumption. However, ACE will assist clients in the process. All rebuttals must be documented and documentation maintained in the receiving records.

3.1 Process Knowledge

Process knowledge alone may be sufficient to rebut the presumption if it is sufficiently well documented. Usually, process knowledge is used as a basis for determining the type (s) and scope of analytical testing to perform in order to rebut the presumption. In the case of chlorinated paraffin or other compounds not on the Appendix VIII list (40 CFR part 261), it may be possible for the generator to demonstrate the measured TOH level is due solely to the presence of non- Appendix VIII compound based on process knowledge alone. ACE may elect to accept and process mixtures of used oil and conditionally exempt small quantity operator's waste as referenced in 40 CFR 279.10 (b) (3). In any case, process knowledge serves to reduce the scope of analytical testing required to rebut the presumption by ruling out potential sources of contamination by Appendix VIII compounds.

3.2 Sample Preparation

Some of the used oil and oily waste brought to ACE is derived from maritime sources and is likely to contain various concentrations of seawater. Since seawater contains a relatively high concentration of free halide (specifically chloride), analysis of seawater-contaminated oil by many common techniques will yield falsely high values (false positives) for TOH. EPA 9077, the method employed by ACE for used oil TOH Analysis will field false positive seawater contaminated materials. Therefore, where processing knowledge indicates free halide contamination, it is necessary to prepare the sample in order to remove as much of the containment as possible prior to analysis. The analysis will be by an outside laboratory.

ACE employs EPA method 9077 (Dexsil, Chlor-D Tect) for all in house analyses. This technique has been proven by experience to correlate well with analytical techniques involving elaborate equipment and time consuming methods. The method relies on the use of metallic sodium to strip organically bound halogens from the hydrocarbon molecule and convert them to free halides. The free halides are subsequently titrated using a mercuric compound to an end point denoted by a colorimetric indicator. The test yields virtually no false negative but can yield false positives where there is a free halide contamination of the sample (e.g. seawater). Thus, the method is suited to the screening for regulatory purposes as it is unlikely to allow true hazardous waste contamination to go undetected.

3.3 Outside Laboratory Analyses

Occasionally, the presumption may be rebutted only through qualitative and quantitative analyses. For these procedures, ACE employs an outside laboratory to perform EPA 8260 or equivalent. This data is then used to determine the presence or absence of halogenated compounds on the Appendix VIII list. A 100-ppm threshold is used to determine the presence of a compound. In other words, a level of 100 ppm or greater is taken as evidence that the used oil is contaminated with the compound question. A completed 8260 or equivalent analysis will help determine if the used oil is hazardous waste.

4.0 ON-SPECIFICATION USED OIL FUEL

Although most oils managed by ACE are not managed as on-specification, this section documents the policies and procedures employed by ACE to meet the requirements of 40 CFR Part 279 Subpart H "Standards for Used Oil Fuel Marketers 279.72, "On-specification used oil fuel".

Sample analyses are used to make specification determinations. The sampling method used for drums, tanks, or bulk loads are by coliwasa, or grab samples from an agitated (homogenous) tank.

Used oil is processed by ACE in production lots; each is assigned a unique oil batch number.(OBL number). A completed production lot is sequestered in an individual storage tanks prior to shipment off-site. ACE analyzes oil production lots according to the following schedule.

Method*	Parameter	Site	Frequency
EPA 6010	Metals	Off	Each batch sent to a burner
ASTM 093	Flashpoint	On	Each Batch
EPA 9077	TOH	On	Each Batch
EPA 8080	PCBs	OFF	Quarterly
* Or equivalent approved methodology			

Oil Batch Lots are analyzed for metals according to the destination of the material. Oil Batch Lots destined for other used oil processors or marketers will be analyzed at the discretion of the Plant Manager. Oil Batch Lots destined for other used oil processors or marketers will be deemed off specification unless metals data is available to support an on-specification determination.

IIIB REPORTING AND TRACKING

1. REPORTING AND TRACKING

1.1 Operating Record and Reporting

ACE maintains records of used oil analyses. As analytical data from outside contract laboratories become available, copies of the analytical reports are organized in notebooks indexed by unique batch number or otherwise recorded in the digital recordkeeping system. Additionally, ACE maintains a list of used oil transporters, the Used Oil Transporter Reference List (UORTL), with names, addresses, and EPA ID numbers allowing cross-reference to this data.

Summary reports and details of any incidents that require implementation of the contingency plan as specified §279.52(b) will be recorded in the operating record and maintained for a minimum of 3 years. ACE reports to the Florida Department of Environmental Protection by March 1st each year the following information concerning used oil activities during the previous calendar year:

- 1) The EPA ID number name and address of the processor/or refiner.
- 2) The calendar year covered by the report.
- 3) The quantities of used oil accepted for processing/re-finishing and the manner in which the used oil was processed/re-fined including the specific processes employed.

Reports are prepared in FDEP approved format.

1.2 Acceptance Records

ACE maintains records of each used oil shipment for processing. These records consist of entries in a computer database in conjunction with field copies of invoices, manifests, bills of lading, and other shipping documents. The following information is recorded for each load of used oil accepted.

- 1) The name and address of the transporter who delivers the used oil.
- 2) The name and address of the generator or processor/re-refine from which the used waste oil was sent.
- 3) The EPA identification number of the transporter who delivered the used oil.
- 4) The EPA identification number (if applicable) of the generator or processor from whom the used oil was sent.
- 5) The quantity of used oil accepted.
- 6) The type of oil accepted (per 62-710.510 (1) (d), F.A.C.)
- 7) The date of acceptance.
- 8) Documentation of halogen screening.
- 9) ACE will screen each incoming shipment of used oil for halogens using the collection sampling procedure in section VII. This screening shall also be used when ACE accepts phase separated oil.
- 10) Each transfer of material from ACE wastewater treatment to ACE oil processing shall have its own paper trail just as though the material was received from some

outside entity.

1.3 Delivery records

These records take the form of a database in conjunction with filed hard copies of invoices, manifests, bills of lading, and other shipping documents.

1.3.1 Off-Specification Used Oil

ACE records or may cross-reference the following information on each shipment of off-site specification used oil.

- 1) The name and address of the transporter who delivers the off-specification used oil to the recipient.
- 2) The name and address of the recipient of the off-specification used oil.
- 3) The EPA identification number of the transporter who delivers the off-specification used oil to the recipient.
- 4) The EPA identification number of the recipient.
- 5) The quantity of off-specification used oil shipped.
- 6) The end use of the oil (per 62-710.510 (1) (f), F.A.C.)
- 7) The date of the shipment.
- 8) Documentation of halogen screening.

ACE will only ship off-specification used oil to recipients who have notified the EPA of their activities according to the requirements of RCRA section 3010 and who possess an EPA identification number.

1.3.2 On-Specification Used Oil Fuel

Analytical data on oil production lots is recorded in the database. For each shipment of used oil from a particular oil production lot, the oil production lot number is recorded on the shipping order. In the case of the on-specification production lots, this allows a cross-reference to the record of analyses used to make the determination that the oil meets the specification as required under 40 CFR 279.72(a). These records are maintained for a period of at least three years.

ACE records or may cross-reference the following information on each shipment of on-specification used oil fuel:

- 1) The name and address of the transporter who delivers the on-specification used oil to the recipient.
- 2) The name and address of the recipient of the on-specification used oil.
- 3) The EPA identification number of the transporter who delivers the on-specification used oil to the recipient.
- 4) The EPA identification number of the recipient
- 5) The quantity of on-specification used oil shipped.
- 6) The end use of the oil (per 62-710.510(1) (e), F.A.C).
- 7) The date of the shipment.
- 8) A cross reference to the record of used oil analysis or other information use to



make a determination that the oil meets the specification as required under 279.72(a). As described above this cross reference consists of recording the oil production lot number on the appropriate shipping documents.

The records reference in section of 6.0 of the ACE Used Oil Analysis. Plan will be maintained for at least three years.

2. ADDITIONAL USED OIL ANALYSES

Other used oil analyses are performed by ACE for quality control purposes according to the following schedule.

Method*	Parameter	Frequency
EPA D-95	% Water	Each Batch
ASTM D-429/EPA 6010	% Sulfur	As Required
ASTM D-1298	API Gravity	As Required
* or equivalent approved method		

The additional quality control tests may be on site or off-site at the discretion of the Plant Manager.

3. USED OIL REFUSAL PROCEDURE

In response to screening procedures by ACE personnel, or for other reasons, a load of used oil arriving at the facility may be refused (for example, when the presumption that the used oil has been with hazardous waste cannot be satisfactorily rebutted). When a load of used oil is refused, ACE office personnel will immediately inform Processing personnel that the used oil is not to be off-loaded. Once a member of the ACE administration has been alerted, the representative will contact the customer as soon as possible to convey the information that the load has been refused for acceptance by ACE. ACE will either reject and return the problematic load(s) to the generator or may work with the generator to locate a suitable alternate facility. In no case may the load be maintained on site for more than 24 Hours unless approved by the Plant Manager.

APPENDIX A

HANDLING CONTAMINATED MEDIA AND RESIDUES

At the ACE facility, oil contaminated media and residues fall into four categories, tank bottom solids, and strainer basket debris, oil contaminated media and disposable items and other oil contaminated items such as non disposable tools and equipment. All of these items are accepted by ACE for the purpose of recovering used oil.

1 Tank Bottom Solids

ACE manages its used oil operations to minimize the accumulation of tank bottom solids. However, it is conceivable that tank bottom solids might accumulate to a depth that could have an adverse impact on tank usefulness. If this should occur, at the discretion of the Plant Manager, the tank will be drained and the bottom solids pumped or otherwise removed to a suitable area.

If the oil contaminated tank bottom solids must be disposed of as a waste, they will be mixed with solidification media and taken to an approved landfill.

2. Strainer Basket Debris

Strainer baskets catch debris as it is being pumped and thereby protect pumps from damage. Every attempt is made to reclaim as much free oil from these materials as is possible. The remaining material will then be mixed with solidification media & land filled.

3. Other Oil Contaminated Items

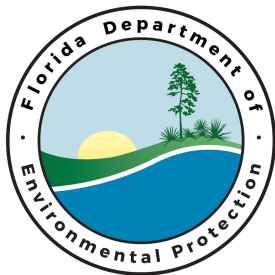
Other contaminated items such as non-disposable personal protective equipment, tools, and equipment will be washed with detergent and water to remove oil. Free oil will be decanted or otherwise separated and returned to used oil processing.

4. Oil filters

Used oil filters are received in 55-gallon drums and other DOT containers. The drummed oil filters are stored in the covered area. They are first visually inspected, and drums that contain items other than filters are picked through to remove those items. The oil filters are then put through a crusher to reclaim the used oil. The used oil is sent to tank 6 or 7. The crushed filter are sent to a metal recycler.

5. Waste Determination

Used oil, used oil filters and oil contaminated media not managed as under the used oil rules (e.g. managed and disposed as solid waste) shall be subject to periodic waste determination based on generator knowledge or testing.



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 permit application shall be submitted in accordance with the requirements of Rule 62-701.320(5)(a), F.A.C., 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 for which application is 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, Used Oil Filters, Oily Media, PCW

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: Aqua Clean Environmental Company, LLC

5. DEP ID number: 294693-011HO & 294693-012-SO County: Polk

6. Facility location (main entrance): 3210 Whitten Rd Lakeland FL 33811

7. Location coordinates:
 Section: 31 Township: 28S Range: 23E
 Latitude: 28 ° 0053 ' 89 " Longitude: -82 ° 0428 ' 78 "
 Datum: 17N Coordinate Method: 397464/3098238
 Collected by: Jim Hollingsworth Company/Affiliation: VP HS&E
8. Applicant name (operating authority): Aqua Clean Environmental Company, LLC
 Mailing address: 3210 Whitten Rd Lakeland, FL 33811
 Street or P.O. Box City State Zip
 Contact person: Megan Skeen Telephone: (863) 644-0665
 Title: Business Unit Manager mskeen@shamrockenviro.com
 E-Mail address (if available)
9. Authorized agent/Consultant: Aqua Clean Environmental a Shamrock Environmental Company
 Mailing address: 6106 Corporate Park Drive Browns Summit, NC 27214
 Street or P.O. Box City State Zip
 Contact person: Jim Hollingsworth Telephone: (336) 375-1989
 Title: VP HS&E jhollingsworth@shamrockenviro.com
 E-Mail address (if available)
10. Landowner (if different than applicant): Same as 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: All Florida cities/counties
12. Date site will be ready to be inspected for completion: -NA- Currently operating
13. Estimated costs:
 Total Construction: \$ 50,000 Closing Costs: \$ see closure documentation
14. Anticipated construction starting and completion dates:
 From: 05/01/2025 To: 10/30/2025
15. Expected volume of waste to be received: _____ yds³/day _____ tons/day

16. Provide a brief description of the operations planned for this facility: _____

A description of the facility operation can be found in Attachment I of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

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 flow through the facility 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.).
3. Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.).
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.).
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.).
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.).
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.).
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.).
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.)
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.)

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Aqua Clean Environmental Company LLC

is aware that statements made in this form and attached information are an application for a Used Oil, Oil Filter, PCW,

& Solid 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

Megan Skeen, Business Unit Manager

Name and Title (please type)

mskeen@shamrockenviro.com

E-Mail address (if available)

3210 Whitten Rd

Mailing Address

Lakeland, FL 33811

City, State, Zip Code

(863) 644-0665

Telephone Number

4/14/2025

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

Mailing Address

Name and Title (please type)

City, State, Zip Code

E-Mail address (if available)

Florida Registration Number
(please affix seal)

() Telephone Number

Date

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Aqua Clean Environmental Company, LLC

is aware that statements made in this form and attached information are an application for a Used Oil, Oil Filter, PCW,
& Solid 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

Name and Title (please type)

mskeen@shamrockenviro.com

E-Mail address (if available)

3210 Whitten Rd

Mailing Address

Lakeland, FL 33811

City, State, Zip Code

(863) 644-0665

Telephone Number

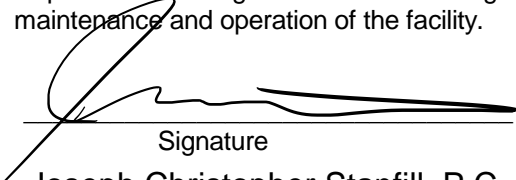
4/14/2025

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

Joseph Christopher Stanfill, P.C.

Name and Title (please type)

94027

Florida Registration Number
(please affix seal)

6106 Corporate Park Drive

Mailing Address

Browns Summit, NC 27214

City, State, Zip Code

cstanfill@shamrockenviro.com

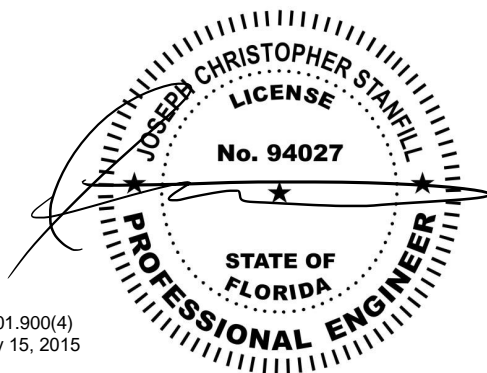
E-Mail address (if available)

(336) 375-1989

Telephone Number

04/17/2025

Date



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

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;*

Response: Used oil, oil filters, oily materials and PCW managed at the facility are described in the Used Oil Processing Facility Permit Application and supporting documents provided concurrently with the application for renewal. These materials are tracked in the ACE data reporting system. A description of the facility operation can be found in Attachment I of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

Separate and complimentary to the regulated used oil processing operation, the site maintains a wastewater receiving and treatment operation permitted under Centralized Waste Treatment Categorical (CWT) standards (40 CFR §437) permitted as a significant industrial user by the City of Lakeland. Under the Clean Water Act Pretreatment Regulations. Under this permit ACE receives pumpable non-hazardous aqueous and liquid waste from commercial and industrial sources subject to the CWT pretreatment permit and operations. Pre-treated wastewater is discharged to the City of Lakeland Publicly Owned Treatment Works (POTW). Treatment residues and non-processable liquid wastes are solidified in the onsite solidification pit and shipped to a permitted offsite landfill.

b. *The expected daily average and maximum weights or volumes of materials to be managed or processed;*

Response:

Oily waste: This application is renewal for an ongoing operation and is currently permitted. Permit limitations have been established in the current permit and the overall operation has not changed significantly since the last application/renewal. Used oil, PCW, Oily waste and used oil filter quantities are tracked in the ACE data reporting system and reported annually to FDEP. Note that ACE has requested additional nominal oily waste handling capacity as described in the Used Oil Processing Facility Permit Application submitted to FDEP on March 11, 2025.

Other wastewater related (CWT Wastewater Operations):

- Wastewater/Pumpable Wastes to Wastewater Treatment: Average 160,000 gallons/day. Maximum 200,000 gallons per day.
- Treatment Residues and Non-processable liquids from CWT operations: Average 15,000 gallons/day. Maximum 20,000 gallons/day.

These materials are tracked in the ACE data reporting system.

c. *How the materials will be managed or processed;*

Response: A detailed process description of the facility operation can be found in Attachment II of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

Under the site's permitted Centralized Waste Treatment facility pretreatment permit and operations, the site receives non-hazardous liquid materials in tank truck, vacuum truck and other transport equipment and containers. Wastewaters are treated through the physical/chemical wastewater treatment processes. Solids removed from the wastewater in the separation, coagulation and treatment process or pumpable liquids not suitable for

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

discharge to the POTW are processed through the site solidification operation described for the regulated oily waste noted above. Periodic removal of tank bottom sediment is performed for efficient operations. The residues from tank cleanouts are also processed through the site solidification operation.

- d. *How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;*

Response: A detailed process description of the facility operation can be found in Attachment II of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

The wastewater treatment system is segregated into Category B oily wastewater and Category C organic wastewater. Organic wastewater is offloaded to designated storage tanks, equalized, solids are settled, and the effluent is discharged to the City of Lakeland POTW. Processable Category B wastewater is unloaded into the physical/chemical treatment system and treated using proprietary batch-specific physical/chemical treatment to remove solids and gross contaminant levels. Subsequent treatment is performed by the City of Lakeland POTW system.

- e. *The types of equipment that will be used;*

Response: A detailed process description of the facility operation can be found in Attachment II of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

The basics of the proprietary wastewater treatment system and operation are described in the permit and related permit application. The City of Lakeland SIU Permit is attached as Attachment WPF-1 for reference. Solids removed from the treatment process as well as other non-processable materials received are processed in a manner similar to that described under the used oil operation, solidified using wood dust, mulch, absorptive materials and other suitable solidification media within the onsite pit, loaded onto transport trailers and landfilled disposed at a lined Subtitle D landfill. Solidified materials are handled with a front-end loader and transported in DOT transport trucks/trailers.

- f. *The maximum time materials will be stored at the facility;*

Response: The site manages waste and wastewater on a first in, first out basis, subject to some variability due to comingling co-processing. Used oil, PCW and used oil filters are collected and stored for sufficient duration to facilitate accumulation of quantities in a manner to affect efficient off-site transportation and recycling/recovery. Retention routinely ranges from 7 - 10 days with a maximum retention not to exceed 180 days. Used oil solids and non-processable materials from the CWT operation are processed through the site solidification operation daily during active operations and shipped off site for additional processing or disposal. Routine retention of materials in the solidification pit ranges from 3-5 days, not to exceed 30 days.

Wastewater received under the CWT operation is received and comingled for equalization of treatment. Roughly equivalent received and discharged volumes are processed in 24-48 hours during active operations but may be held up to 30 days due to maintenance or processing disruption.

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

- g. *The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and*

Response: Tanks by type of wastes held and solids (ton or CY) estimates

Bulk Used Oil Tanks:

- Tank # 6- 30,000 Gallons
- Tank # 7- 30,000 Gallons
- Tank # 9 - 9,350 Gallons
- Proposed Used Oil Bulk Tank: Replacement of Tank # 9 with an oil water separator.

Petroleum Contact Water Tanks:

- Tank # 3 – 30,000 Gallons
- Proposed PCW Tanks: Replacement of Tank#3 with Tanks #20 and #21. (9,500 Gallons each)

Non-Bulk Containers:

- Drums/Totes Oil/PCW: Fifty 55-gallon drums or their equivalent in IBC/tote.
- Drums/Totes Wastewater: Fifty 55-gallon drums or their equivalent in IBC/tote.

Oil Filters:

- 15 CY roll off and up to fifty 55-gallon drums.

Centralized Waste Treatment (CWT) Bulk Wastewater Tanks:

CWT Category B oily wastewater:

- Tank # 1- 30,000 Gallons
- Tank # 2 - 30,000 Gallons
- Tank # 4 - 30,000 Gallons
- Tank # 5 - 30,000 Gallon
- Tank # 8 - 30,000 Gallons

CWT Category C organic wastewater:

- Tank # 11 - 250,000 Gallons
- Tank # 12 - 250,000 Gallons
- Tank # 13 - 250,000 Gallons
- Tank # 14 - 250,000 Gallons
- Tank # 15 - 250,000 Gallons
- Tank # 16 - 250,000 Gallons

Note that ACE has requested additional oily waste handling capacity as described in this response letter to the Used Oil Processing Facility Permit Application submitted to FDEP.

- h. *The expected disposition of materials after leaving the facility.*

Response:

Wastewater:

- Indirect permitted discharge to City of Lakeland POTW.

Used oil and PCW are recycled at:

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

- Lonewolf Petroleum- 1790 Hughes Landing, The Woodlands, TX 77380
- BWC/ Vertex Energy- 500 Viaduct Rd, Chickasaw, AL 36602
- Universal Environmental Services- 411 Dividend Dr, Peachtree City, GA 30269

Used Oil filters are recycled at:

- Ramm Recycling- 705 Hitchcock St, Plant City, FL 33563

Solid Waste/Solidified Residues are shipped off site for disposal and/or recovery.

- Ceder Trail Subtitle D Landfill in Bartow FL.
- Other permitted landfill, recycling or waste-to-energy providers.

Note: ACE routinely considers alternate secondary off-site management and disposal provider options for compliance, efficiency, cost savings, reliable processing, waste minimization/sustainability and other factors.

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.).*

Response: This application is renewal for an ongoing operation and has been permitted prior and the overall site plan has not changed significantly since last application/renewal. Minor improvements/modifications and in-kind repairs/replacements for the used oil operation are described in the Used Oil Processing Facility Permit (renewal) Application. See the attached survey prepared by the Matthews Company.

3. *Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.).*

Response: See the attached survey prepared by the Matthews Company.

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.).*

Response: This application is renewal for an ongoing operation and has been permitted prior and the overall site plan has not changed significantly since last application/renewal. Minor improvements/modifications and in-kind repairs/replacements for the used oil operation are described in the Used Oil Processing Facility Permit (renewal) Application.

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.).*

Response: This application is renewal for an ongoing operation and the has been permitted prior and the overall operation has not changed significantly since last application/renewal. Recordkeeping practices are substantially equivalent to those described in the Used Oil Processing Facility Permit (renewal) Application. A description of the facility operations can be found in Attachments I to V of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

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.).*

Response: This application is renewal for an ongoing operation and the has been permitted prior and the overall operation has not changed significantly since last application/renewal. A copy of the most recent Closure Plan can be found in Attachment VI of the Used Oil Processing Facility Permit

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

Application submitted to FDEP March 11, 2025. Closure costs are anticipated in the current Closure Estimate approved by FDEP.

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.).*

Response: This application is renewal for an ongoing operation and the has been permitted prior and the overall operation has not changed significantly since last application/renewal. The facility Contingency Plan can be found in Attachment IVb of the Used Oil Processing Facility Permit Application submitted to FDEP March 11, 2025.

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.).*

Response: See the attached bond that has been submitted to FDEP per the requirements of the Closure Plan.

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.).*

Response: None. ACE works to be a committed environmental and community steward in providing industry with compliance focused, environmentally sound options for managing non-hazardous waste. Consequently, ACE has not experienced enforcement actions since the last renewal and since being acquired by Shamrock Environmental Corporation in Q4 of 2020. ACE works cooperatively with the regulatory agencies to address any observations or concerns timely and diligently. Deficiencies noted on the inspection of 6-22-2021 and recent inspection 11-20-2024 were resolved timely and completely by ACE.

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.)*

Response: This application is renewal for an ongoing operation and the has been permitted prior. The corporate entity owning the property has not changed, noting that in May of 2021, a minor modification/name change was processed to align changes in the way the legal structure/ownership was held after acquisition of ACE by Shamrock Environmental Corporation. The minor modification was approved by the FDEP permitting. ACE and Shamrock also provided written notice to FDEP of a recent change in the ownership of Shamrock and ACE in February 2025 wherein the overall ownership of these entities was acquired in a stock purchase transaction resulting in Shamrock and ACE becoming wholly owned entities of Republic Services. The legal entity did not change in this stock purchase transaction.

(D)									
CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD BEARING	CHORD LENGTH				
C1	527.15	5°55'10"	54.46	N 01°43'59" W	54.44				
C2	607.15	5°55'12"	62.73	S 01°43'58" E	62.71				
C3	527.15	124°13'56"	222.85	N 12°06'59" W	221.29				
C4	607.15	24°13'58"	256.79	S 12°06'59" E	254.88				

(M)									
CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD BEARING	CHORD LENGTH				
C1	527.15	5°49'13"	53.55	S 02°32'58" E	53.53				
C2	607.15	5°50'48"	61.96	N 01°46'19" W	61.93				

(D)		
LINE	BEARING	DISTANCE
L1	S 88°46'22" E	0.63

(M)		
LINE	BEARING	DISTANCE
L1	S 88°44'34" E	0.63

MISCELLANEOUS NOTES AND SURVEYOR'S REPORT:

- BEARINGS SHOWN HEREON ARE BASED ON THE NORTHERLY BOUNDARY LINE OF THE SCHEDULE "A" PARCEL A BEING S 89°40'32" W, AS PER THE LEGAL DESCRIPTION.
- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- ALL UTILITIES SHOWN HEREON ARE BASED ON SURFACE EVIDENCE. ANY UTILITIES NOT SHOWN ARE LACKING SURFACE EVIDENCE TO MAKE A DETERMINATION OF LOCATION IN THE FIELD.
- A PORTION OF THE NORTHERLY BOUNDARY LINE OF THE SUBJECT PROPERTY IS THE SAME AS THE SOUTHERLY RIGHT OF WAY LINE OF WHITTEN ROAD.
- THE ORIGINAL DRAWING FROM WHICH THIS COPY WAS MADE IS AT THE SCALE SHOWN HEREON, HOWEVER IN THE PROCESS OF REPRODUCTION, THIS SCALE MAY BE SLIGHTLY REDUCED, ENLARGED, OR OTHERWISE DISTORTED FROM ITS ORIGINAL SCALE.
- THIS SURVEY WAS PREPARED USING CONVENTIONAL SURVEYING METHODS AND NONE OF THE METHODOLOGY ALLOWED UNDER NO. 15 OF TABLE A OF THE 2021 ALTA/NSPS SURVEYING REQUIREMENTS WAS UTILIZED IN THE PREPARATION OF THIS SURVEY.
- UNLESS OTHERWISE SHOWN ON SURVEY:
 - THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
 - THERE IS NO OBSERVABLE EVIDENCE NOR INFORMATION PROVIDED INDICATING CHANGES IN STREET RIGHT OF WAY LINES.
 - THERE IS NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
 - THERE IS NO OBSERVABLE EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP, SANITARY LANDFILL OR CEMETERY.
 - NO EVIDENCE OF POTENTIAL WETLANDS WERE OBSERVED ON THE SUBJECT PROPERTY AT THE TIME THE SURVEY WAS CONDUCTED, NOR HAVE WE RECEIVED ANY DOCUMENTATION OF ANY WETLANDS BEING LOCATED ON THE SUBJECT PROPERTY.
 - ADDRESS WAS NOT OBSERVED IN THE FIELD.
 - FROM A VISUAL INSPECTION ONLY, ALL UTILITIES APPEAR TO ENTER THE SUBJECT PROPERTY FROM A PUBLIC RIGHT OF WAY.
 - FROM A VISUAL INSPECTION ONLY, THE SUBJECT PROPERTY APPEARS TO DRAIN INTO THE ON SITE RETENTION AREAS AND THE PUBLIC RIGHT OF WAY.
 - THERE ARE NO DISCREPANCIES BETWEEN THE BOUNDARY LINES SHOWN ON THIS SURVEY AND THE LEGAL DESCRIPTION CONTAINED IN THE TITLE COMMITMENT.
 - THE BOUNDARY LINE DIMENSIONS AS SHOWN ON THIS SURVEY MAP FORM A MATHEMATICALLY CLOSED FIGURE WITHIN +/- 0.1 FOOT, WITH NO GAPS OR GORES.
 - IF THE SUBJECT PROPERTY IS COMPRISED OF MULTIPLE PARCELS, THE PARCELS ARE CONTIGUOUS ALONG THEIR COMMON BOUNDARIES AS SHOWN ON THIS SURVEY, AND THERE ARE NO GAPS, STRIPS OR GORES IN SAID PROPERTIES.
 - THE BOUNDARY LINES OF THE SUBJECT PROPERTY ARE CONTIGUOUS WITH THE BOUNDARY LINES OF ALL ADJOINING STREETS, HIGHWAYS, RIGHTS OF WAYS AND EASEMENTS, PUBLIC OR PRIVATE, AS DESCRIBED IN THEIR MOST RECENT RESPECTIVE LEGAL DESCRIPTIONS OF RECORD.

FLOOD ZONE:

AS PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER 120267 0293 G, DATED DECEMBER 22, 2016, AND 120261 0293 G, DECEMBER 22, 2016 THE SUBJECT PROPERTY LIES IN ZONE "X" AND "A", BY SCALE LOCATION ONLY.

LAND AREA:

THE LAND AREA IS 557,730 SQUARE FEET OR 12.80 ACRES.

SOURCE OF ZONING DATA:

THE CITY OF LAKELAND, FLORIDA AND THE POLK COUNTY, FLORIDA ZONING DEPARTMENTS. PHONE: 863-834-7526

ZONING:

THE CURRENT ZONING IS PUD (PLANNED UNIT DEVELOPMENT) AND BPC-1 (BUSINESS PARK CENTER). THE CURRENT ZONING ALLOWS/DOES NOT ALLOW FOR THE CURRENT USE.

BUILDING SETBACK REQUIREMENTS:

PUD	BPC-1
BASED ON APPROVED SITE PLAN	BASED ON APPROVED SITE PLAN
SIDE 20 FEET	SIDE 20 FEET
REAR 20 FEET	REAR 20 FEET

BUILDING HEIGHT RESTRICTION:

PUD	BPC-1
BASED ON APPROVED SITE PLAN	BASED ON APPROVED SITE PLAN
100 FEET	100 FEET

PARKING SPACE TABLE:

REGULAR PARKING SPACES:	20
HANDICAP PARKING SPACES:	1
TOTAL:	21

PARKING SPACE REQUIREMENTS:

1 PARKING SPACE FOR EACH 700 SQUARE FEET OF GROSS FLOOR AREA. MINIMUM OF 10 SPACES.

Because there may be a need for interpretation of the applicable zoning codes, we refer you to Polk County, Florida and the City of Lakeland, Florida and the applicable zoning codes.

ACCESS NOTE:

THE SUBJECT PROPERTY HAS DIRECT ACCESS TO THE PUBLIC RIGHT OF WAY OF WHITTEN ROAD.

ENCROACHMENTS:

THERE ARE NO APPARENT ENCROACHMENTS.

LEGEND:

P.O.C.	= Point of Commencement
P.O.B.	= Point of Beginning
Fd	= Found
CM	= concrete monument
I.P.	= iron pipe
●	= set 1/2" rebar with cap No. 7563.
○	= found rebar or iron pipe as indicated
▲	= found concrete monument as indicated
△	= found nail as indicated
⊗	= set nail with cap No. 7563.
⊕	= found "X" in concrete as indicated
—	= fence
R/W	= right-of-way
(D)	= deed bearing and/or distance
(M)	= measured bearing and/or distance
(P)	= plat bearing and/or distance
■	= concrete area
▨	= canopy or covered area
⌵	= power pole
⌵	= guy anchor
*	= light pole
⊙	= fire hydrant
⊙	= water meter
⊙	= water valve
⊙	= water main
⊙	= auto sprinkler
⊙	= telephone manhole
⊙	= telephone pedestal
⊙	= sanitary sewer manhole
⊙	= sanitary sewer cleanout
⊙	= gas valve
⊙	= stormwater manhole
⊙	= grease trap manhole
⊙	= sign
⊙	= cable tv box
⊙	= electric meter
⊙	= gas valve
⊙	= gas meter
⊙	= gas drop
⊙	= catch basin or curb inlet
⊙	= well
⊙	= overhead powerline
R	= radius
D	= delta (or central angle)
L	= arc length
Ch	= chord bearing and/or distance
⑩	= Schedule B-2, Exception Number Marker
②	= parking space count
⊕	= handicap parking space
⊕	= manhole
⊕	= invert

SURVEYOR'S CERTIFICATION

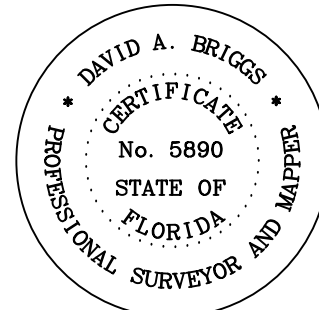
To: Aqua Clean Environmental Company, LLC, Republic Services, Inc., its affiliates and subsidiaries, Spotts Fain, PC, Republic Industrial and Energy Solutions, LLC, Chicago Title Insurance Company and The Matthews Company, Inc.

This is to certify that this map or plot and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 6a, 6b, 7a, 7b, 7c, 8, 9, 10, 13, 14, 16, 17, 18 and 19 of Table A thereof. The fieldwork was completed on January 28, 2025.

Date of Plot or Map: January 28, 2025

DAVID A. BRIGGS
PROFESSIONAL SURVEYOR AND MAPPER
NO. 5890
STATE OF FLORIDA

The property surveyed and shown hereon is the same property as described in title commitment number 12122516, dated November 13, 2024, prepared by Chicago Title Insurance Company.



"ALTA/NSPS LAND TITLE SURVEY"

PREPARED FOR:

THE MATTHEWS COMPANY^{Inc.}

17220 Newhope Street, Suites 100-110, Fountain Valley, CA 92708
Tel: (714) 979-7181 Fax: (714) 641-2840
www.themathewscorporation.com

MARK DATE REVISION BY AP'VD

Spotts Fain PC

3210 Whitten Road
Lakeland, FL

SCALE: 1" = 40' CHKD./AP'VD: DAB

DATE: JANUARY 28, 2025 APPROVED: DAB

DWN. BY: JAB

CHKD. BY: DAB

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WASTEWATER COLLECTION
1825 GLENDALE STREET
LAKELAND, FL 33803-4300
863.834.8277 | Fax 863.834.6271
www.lakelandgov.net/water

Richard Ruede
Manager of Wastewater Collection
James Green
Asst. Manager of Wastewater Collection
Jonathan Turbeville
Water Utilities Field Supervisor
Greg Porter
Water Utilities Field Supervisor
Jeff Edwards
Water Control System Program Integrator

**CITY OF LAKELAND, FLORIDA
WATER UTILITIES DEPARTMENT**

WASTEWATER DISCHARGE PERMIT No. 1041C

In accordance with the provisions set forth in the Chapter 102 of the City of Lakeland Code as amended, and any or all applicable pretreatment regulations, standards, or requirements under federal, state or local law, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit, the below referenced permittee is hereby authorized to discharge wastewater into the City of Lakeland's sanitary sewer system in accordance with effluent limitation, monitoring requirements, and other conditions set forth in Section 1 through 4 herein. This Wastewater Discharge Permit is granted solely to the following Permittee:

Company Name: *Aqua Clean Environmental Company, LLC.*
Division Name (If Applicable):

Mailing Address: *P.O. Box 7183
Lakeland, Florida 33807*

Facility Address (If Different): *3210 Whitten Road
Lakeland, Florida 33811*

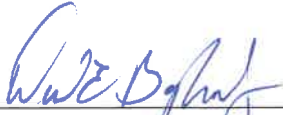
Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards or requirements under federal, state or local laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of Chapter 102 of the City of Lakeland Code as amended.

This permit shall become effective **July 1, 2023**, and shall expire at midnight on **June 30, 2026**.

If the permittee wishes to discharge after the expiration date of this permit, an application must be filed with the Wastewater Operations Division for a renewal permit a minimum of 90 days prior to the expiration date, but not more than 180 days.

For the City of Lakeland:



David E. Bayhan Jr., P.E., Interim Director
Water Utilities Department

SECTION 1. SPECIFIC CONDITIONS

PART 1. OPERATION AND EFFLUENT ORIGINS

A. Description and Regulation of Operation

Aqua Clean Environmental Company, Inc. located at 3210 Whitten Road., Lakeland, FL, 33811 is identified for the purposes of this wastewater discharge permit (WDP) as a complex categorical facility under 40 CFR Part 437, Centralized Waste Treatment. The facility that carries out the treatment of non-hazardous Petroleum Contact Water (PCW) and other wastes that discharges to the Glendale Water Reclamation Facility.

Aqua Clean Environmental Company, Inc., is identified as a categorical industrial user under the definitions contained in section 102-26 of the Lakeland City Code. Wastewaters from the treatment of CWT processes are regulated under the City of Lakeland's Sewer Use Ordinance, Chapter 102.

All relevant process wastewater must pass through all pretreatment processes as submitted in the WDP Application prior to discharge to the sewer system. No pretreatment process may be bypassed without the prior written permission of the director.

B. Origins of Wastewater

Wastewater streams consist primarily of, but not limited to, the following:

- a. Surface water, groundwater, or runoff water contaminated with petroleum, oil, or organics;
- b. Wastewater originating from car wash sumps and wash racks;
- c. Wastewater originating from printing processes;
- d. Wastewater originating from food processing facilities;
- e. Landfill Leachate
- f. Domestic wastewater
- g. Non-Hazardous Waste Industrial Wastewater
- h. Non-Hazardous Waste Spill Materials

This Permit is issued for a specific operation as submitted in the Wastewater Permit Application. If the Permittee changes the operation as submitted in the Wastewater Permit Application, a written request for a changed discharge must be submitted to the City's Wastewater Collection Assistant Manager at least 30 days in advance. Failure to notify the City of any new or changed discharge may result in enforcement actions against your facility and/or the termination of your WDP.

Any significant change (i.e. a change greater than 20%) in the facility's wastewater storage capacity or construction of the pretreatment system must be approved by the director at least 30 days prior to the change taking place.

PART 2. MONITORING LOCATION AND REQUIREMENTS

A. Outfalls:

During the effective period of this WDP, the permittee is authorized to discharge wastewater to the City of Lakeland's sewer system from the facility's one (1) discharge location. This location is identified as Clean Out No. 001 (Control Manhole) located near the South entrance in the grass at the facility as shown on the drawing on Page 8 of this WDP. This is City of Lakeland Manhole No. 34122. Compliance sampling by the City of Lakeland shall be done at Manhole No 34113 which is located immediately downstream from Manhole No. 34122 just outside of the facility fencing for Aqua Clean.

The permittee shall apply in writing to the Wastewater Collection Assistant Manager for permission to discharge at any other outfall then those identified above. Reason for the change and detailed plans and drawings of the proposed new outfall must accompany the request.

B. Industrial Monitoring Program.

- (a) The City shall establish an industrial monitoring program to monitor the discharge from users to the WWF. This program shall consist of periodic determination of the users wastewater discharge characteristics through the analysis of wastewater samples. Monitoring shall be conducted by the Permittee and/or the City in accordance with the minimum requirements set forth herein.
- (b) The Permittee shall report all monitoring of discharge testing. At a minimum, these reports are due once every six months unless otherwise specified in their individual wastewater discharge permits. The information submitted in the report shall be based solely on sample data collected during the reporting period only.
- (c) Laboratory analytical work in support of City monitoring will normally be done by City personnel at the City's pollution control laboratory. The City may also provide sampling and analysis services for individual self-monitoring users for a fee. Should the City's facilities not be equipped for any special test or should the customer request analysis by an independent private laboratory, such tests shall be made and the cost thereof paid by the user.

C. Analytical Requirements

- (a) All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in this WDP shall be determined in accordance with FDEP analytical methods specified in Rule 62-160, F.A.C., and the FDEP "Standard Operating Procedures for Laboratory Operations and Sample Collection Activities", DEP-SOP-001/01, revised January 1, 2017, and shall be determined at the authorized monitoring point identified herein, or upon suitable samples taken at such monitoring point.
- (b) Sampling shall be carried out by FDEP approved methods by a State of Florida Certified Laboratory. The particular analysis involved will determine if whether a grab sample(s) or composite sample shall be taken. Normally, but not always, analyses are 24-hour flow-proportioned composites where feasible; otherwise, time-proportioned composites at all outfalls, whereas pH, conductivity, cyanide, total phenols, total oil and grease, temperature, sulfide and certain organics parameters are from grab samples.
- (c) The City reserves the right to utilize grab samples in lieu of flow-proportion or time-proportion composite samples to determine noncompliance with pretreatment standards when, in the opinion of the director, they are warranted.

PART 3. EFFLUENT LIMITATIONS

A. Specific Discharge Limitations:

During the effective period of this permit the discharge from the total facility shall not exceed the following effluent limitations. These limitations include all regulations under Chapter 102 of the City's Code and shall be applied at the end of pipe.

These limits shall be enforced at the authorized monitoring point at which the discharge enters into the City's sanitary sewer system unless specifically defined otherwise in this WDP. In order to ensure compliance with this article, the Permittee shall comply with the following local limits expressed in mg/l unless otherwise indicated and sampling shall be as indicated below:

<u>PARAMETER</u>	<u>DAILY MAX.</u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE</u>
Flow	200,000 Gallons	D	Daily
BOD	2,378	W	24Hr Time Composite
TSS	R	W	24Hr Time Composite
TKN	R	D(1)	24Hr Time Composite
Arsenic	0.188	S	24Hr Time Composite
Cadmium	0.014	Q	24Hr Time Composite
Cyanide	0.057	Q	24Hr Time Composite
Mercury	0.00775	Q	24Hr Time Composite
Molybdenum	0.250	M	24Hr Time Composite
Nickel	0.986	Q	24Hr Time Composite
Selenium	0.021	S	24Hr Time Composite
Silver	1.065	S	24Hr Time Composite
Oil and grease (total)	391	M	Grab
Conductivity (MAPD)	3795	D	Grab
pH(S.U.)	5.5 < > 10.5	D	Grab

FREQUENCIES:

A Annual S Semi-annual Q Quarterly
B Bimonthly M Monthly D Daily
MAPD Monthly Average Pounds per Day
R Report only, no limit set as of WDP issuance

D(1) - Permittee shall collect Daily Samples for TKN and do a weekly composite of all samples collected and analyze and report only 1 value each week. Permittee shall collect 100mls of sample for every 100,000 gallons discharged for that day. Example, if permittee discharges 125,000 gallons, the sample shall be 125 mls for that day mixed with all the samples for that week.

B. Special Discharge Limitations:

The Permittee shall comply to the following limitations established under 40 CFR Part 437.46(e) Pretreatment Standards for Existing Sources (PSES) at the end of process from the regulated waste streams identified as the regulated point as shown on the drawing on Page 8.

<u>PARAMETER</u>	<u>DAILY MAX.</u>	<u>MONTHLY AVG.</u>	<u>FEDERAL/LOCAL</u>	<u>FREQ</u>	<u>SAMPLE TYPE</u>
Chromium	1.38	0.487	<u>L</u> /F	Q	24Hr Time Composite
Cobalt	56.40	18.80	F	Q	24Hr Time Composite
Copper	0.386	0.301	<u>L</u> /F	Q	24Hr Time Composite
Lead	0.222	0.172	F	Q	24Hr Time Composite
Tin	0.249	0.146	F	Q	24Hr Time Composite
Zinc	0.745	4.460	<u>L</u> /F	B	24Hr Time Composite
Benzene	R	NA	L	Q	Grab
Ethyl Benzene	R	NA	L	Q	Grab
Toluene	R	NA	L	Q	Grab
Xylene	R	NA	L	Q	Grab
Bis(2-ethylhexyl) phthalate	0.267	0.158	F	Q	Grab
Carbazole	0.392	0.233	F	Q	Grab
o-Cresol	1.920	0.561	F	Q	Grab
p-Cresol	0.698	0.205	F	Q	Grab
n-Decane	5.790	3.310	F	Q	Grab
Fluoranthene	0.787	0.393	F	Q	Grab
n-Octadecane	1.220	0.925	F	Q	Grab
2,4,6-Trichlorophenol	0.155	0.106	F	Q	Grab

C. Notification of Effluent Violation:

If sampling performed by an industrial user indicates a violation, the industrial user shall notify the control authority within 24 hours of becoming aware of the violation. The industrial user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the control authority within 30 days after becoming aware of the violation. Where the control authority has performed the sampling and analysis in lieu of the industrial user, the control authority must perform the repeat sampling and analysis unless it notifies the user of the violation and requires the user to perform the repeat analysis.

D. General Prohibitions.

A user may not introduce into a WWF any pollutant which causes pass through or interference. These general prohibitions and the specific prohibitions in this division apply to any user introducing pollutants into a WWF whether or not the user is subject to other categorical pretreatment standards or any federal, state or local pretreatment requirements.

E. Specific prohibitions.

In addition to any other prohibitions in this article, the following pollutants shall not be introduced into the City of Lakeland's Wastewater Facility (WWF):

- (1) Pollutants which create a fire or explosion hazard in the WWF, including but not limited to, waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Celsius using the test methods specified in 40 CFR 261.21.
- (2) Pollutants which will cause corrosive structural damage to the WWF, but in no case discharges with pH lower than 5.5; discharges with a pH greater than 10.5 are likewise prohibited unless authorized in a wastewater discharge permit.
- (3) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the WWF resulting in interference.
- (4) Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the WWF.
- (5) Heat in amounts which will inhibit biological activity in the WWF resulting in interference, but in no case heat in such quantities that the temperature at the WWF treatment plant exceeds 40 degrees Celsius (104 degrees Fahrenheit) unless the department (FDEP), upon request of the control authority, approves alternate temperature limits in accordance with Rule 62-302.520, F.A.C.
- (6) Petroleum oil, non-biodegradable cutting oil or products of mineral oil origin in amounts that will cause interference or pass through.
- (7) Pollutants which result in the presence of toxic gases, vapors or fumes within the WWF in a quantity that may cause acute worker health and safety problems.
- (8) Any trucked or hauled pollutants, except at discharge points designed by the WWF. The city may accept certain types of industrial and domestic waste trucked to the WWF generated within the city's sanitary service area or through inter-governmental agreements, on a temporary basis. This waste shall meet federal, state and local discharge standards and shall operate under the requirements and limitations of a wastewater discharge permit (WDP).
- (9) Noxious or malodorous liquids, gases, solids or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a hazard to life, or to prevent entry into the sewers for maintenance or repair.
- (10) Wastewater which imparts color which cannot be removed by the WWF, such as, but not limited to, dye wastes and vegetable tanning solutions, which consequently imparts color to the WWF's effluent, thereby violating the city's NPDES permit.
- (11) Wastewater containing any radioactive wastes or isotopes except in compliance with applicable state or federal regulations.
- (12) Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, noncontact cooling water or any unpolluted wastewater, unless specifically authorized by the city.
- (13) Sludges, screenings or other residues from the pretreatment or [of] industrial wastes.

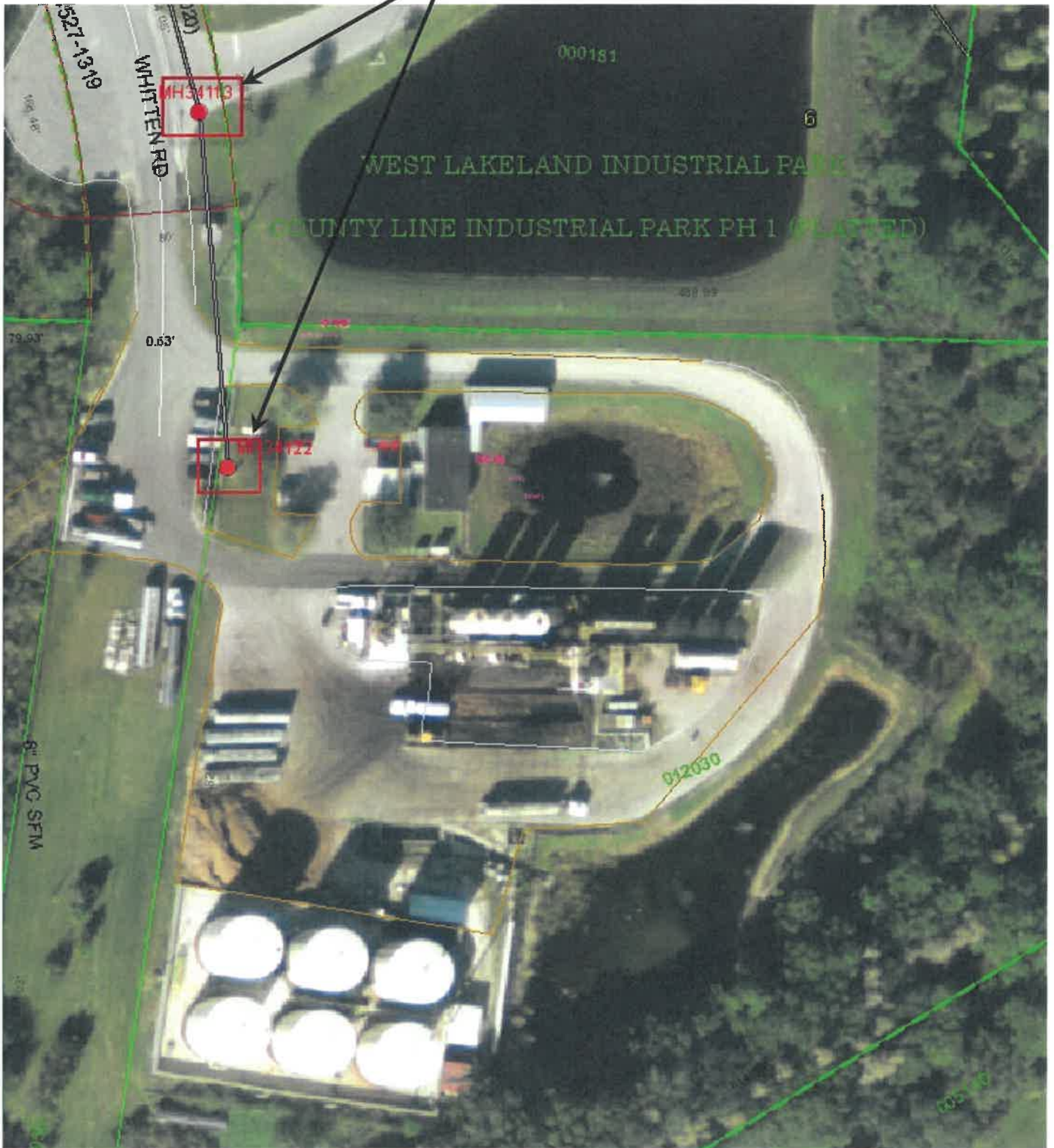
- (14) Medical wastes, except as specifically authorized by the city.
- (15) Wastewater causing, alone or in conjunction with other sources, the WWF's effluent to fail a toxicity test.
- (16) Detergents, surface-active agents or other substances which may cause excessive foaming in the WWF or its effluent.

F. Maintenance of Pretreatment and/or Flow Equalizing Facilities.

Where preliminary treatment or flow equalizing facilities are provided for any waters or wastes, they shall be continuously and properly maintained by the owner at his expense and effectively operated to the satisfaction of the City.

FACILITY SITE PLAN

AUTHORIZED MONITORING POINTS



SECTION 2. REPORTING REQUIREMENTS

PART 1. CERTIFICATION STATEMENT:

All WDP applications and reports must be signed by an authorized representative of the user and contain the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direct 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 for knowing violations".

PART 2. ABNORMAL DISCHARGE CONDITIONS:

- A. Any accidental discharge, slug, or treatment plant upset experienced by the Permittee shall be reported to the City by telephone immediately, in accordance with Section 102-110. A detailed written report, discussing circumstances and remedies, shall be submitted to the City within five (5) days of the occurrence.
- B. Where the Permittee's self-monitoring shows a violation, the user shall notify the City's Wastewater Collection Assistant Manager within 24 hours, resample and submit both results within 30 days of becoming aware of the violation.

PART 3. MONITORING REPORTS:

Monitoring results for discharge limitations shall be summarized for each month and reported, postmarked no later than the 20th day of the following calendar month. Copies of these, and other reports, required by the WDP, shall be submitted to the City at the following address:

**City of Lakeland
Wastewater Collection Assistant Manager
1825 Glendale Street
Lakeland, Florida 33803**

- a. A new paragraph has been added to address reporting numbers that fall below the detection of the instrumentation/method. These reporting requirements shall be as follows:
 - 1. Results greater than or equal to the PQL shall be reported as the measured quantity.
 - 2. results less than the PQL and greater than or equal to the MDL shall be reports as the laboratory's statistical MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
 - 3. Results less than the MDL shall be reports by entering a less than sign ("<") followed by the laboratory's statistical MDL value, e.g. <0.001. A value on one-half the MDL or

one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART 4. SPECIAL REPORTS:

- A. The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the WWF from the User's industrial processes, in accordance with Section 102-51.
- B. If the Permittee monitors any parameter more frequently than required by this permit, using approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report. Such increased frequency shall also be indicated.
- C. The Permittee shall submit a letter certifying annual inspection and/or calibration of flow monitoring equipment used to measure the volume of wastewater discharged.
- D. The Permittee shall comply with all requirements of FDEP Rule 62-740, F.A.C., as amended, incorporated into this permit by attachment.
- E. The Permittee shall update, at least once every two years, their Spill and/or Slug Control Plans and submit to the City of Lakeland. Significant industrial users are required to notify the control authority immediately of any changes at its facility affecting the potential for a slug discharge. If the control authority decides that a slug control plan is needed, the plan shall contain, at a minimum, the following elements:
 - 1. Description of discharge practices, including non-routine batch discharges,
 - 2. Description of stored chemicals and containment areas,
 - 3. Procedures for immediately notifying the control authority and the WWF of slug discharges, including any discharge that would violate a prohibition under subsection 62-625.400(2), F.A.C., with procedures for follow-up written notification within five days, and
 - 4. If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), or measures and equipment for emergency response;

PART 5. SPECIAL RECORDS AND REPORTS:

- A. The Permittee shall maintain at all times a current maintenance log book for documenting all maintenance activities associated with the facility. The log book shall indicate the date, time, a description of when the problem was noticed, a description and date of the corrective activity, and identify the personnel conducting the activity. The log book shall document activities such as, but not limited to, routine inspections, equipment calibrations, sampling events, equipment failures, additional equipment added, and problems experienced with any equipment or loads.

- B. The Permittee shall develop and maintain a Manifest Tracking System (MTS) of the wastewater transported on site for disposal. The MTS shall be capable of identifying the following information:
1. The source of the wastewater,
 2. The pollutants of concern and their concentrations in the wastewater,
 3. The volume and date it was delivered to the site,
 4. A method of testing the treated wastewater to ensure that it is capable of being treated by the pretreatment system and that it is in compliance with the requirements of this WDP when it is discharged.
- C. The Permittee shall immediately halt or reduce activity upon reduction of efficiency of operations, or loss or failure of all or part of the treatment process. The Permittee shall, to the extent necessary to maintain compliance with this WDP, control its production and/or discharge until operation of the treatment processes is restored or an approved alternative method of treatment is provided. **In the event of such a failure or reduction of efficiency, the Permittee shall immediately notify the Industrial Pretreatment Section of the City of Lakeland at (863) 834-8277.**
- D. The Permittee shall develop, maintain, and submit to the City of Lakeland a Standard Operating Procedural Manual (SOP) for the daily operation of the facility. Any future updates or changes to the SOP shall be submitted to the City of Lakeland.
- E. All records, log books and manifest shall be made available to the City of Lakeland for review, comment and duplication in accordance with Chapter 102 of the City of Lakeland Code, Section 102-71(b).

PART 6. SAMPLING PLAN:

The Sampling Plan entitled “Tiered Approach for Influent Sampling” dated and submitted on September 19, 2012 shall be hereby incorporated by reference as part of this Wastewater Discharge Permit.

Aqua Clean Environmental shall follow the plan and schedule in order to evaluate that Aqua Cleans’ current customers waste profiles have not changed and to establish a protocol for initial waste profiles to be performed on all new customers consistent with the requirements of this Wastewater Discharge Permit.

Aqua Clean Environmental shall update, at least once every 2 years, the Tiered Approach for Influent Sampling and submit to the City of Lakeland. Aqua Clean shall maintain a record of all samples collected as part of this plan and record any increased testing as required by the Plan. As part of the update submittal, Aqua Clean Environmental shall provide a summary of all sampling activities and any increased testing as defined in the Plan.

PART 7. PERIODIC COMPLIANCE STATEMENT:

In accordance with 40 CFR, PART 437.41(b) the permittee shall submit a Periodic Compliance Statement annually during the month of July certifying that its compliance with the applicable subparts after treatment and before mixing of the waste with wastes from any other subpart.

PART 8. PERIODIC REPORTS ON CONTINUED COMPLIANCE:

In accordance with Rule 62-625 F. A. C., section 62-625.600(4)(a) the permittee shall submit, in the months of June and December of each year a report summarizing its compliance with categorical pretreatment standards.

SECTION 3. STANDARD CONDITIONS

PART 1. COMPLIANCE WITH CHAPTER 102 OF THE CITY OF LAKELAND CODE

Wastewater discharge permits shall be expressly subject to all provisions of Chapter 102 of the City of Lakeland code as amended and all other applicable codes and regulations.

PART 2. DUTY TO REAPPLY

Permits shall be issued for a specified time period not to exceed five years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The significant industrial user shall apply for permit reissuance at least 90 days prior to the expiration of the significant industrial user's existing permit but not more than 180 days prior to the expiration of the industrial user's existing permit.

PART 3. SIGNATORY REQUIREMENTS

All WDP applications and reports must be signed by an authorized representative of the user and contain the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direct 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 for knowing violations".

PART 4. RIGHT OF ENTRY

- A. The director or duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of this article. The director or duly authorized employees of the city shall have no authority to inquire into any proprietary processes except to the extent necessary to determine the kind and source of discharge to the sewers or waterways or facilities for wastewater treatment.
- B. The city may inspect the facilities of any user to ascertain whether the purpose of this article is being met and all requirements are being complied with. Persons or occupants of premises where wastewater is created or discharged shall allow the city or its representative ready access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination and duplication or in the performance of any of their duties.
- C. The city, approval authority (FDEP) and/or the EPA shall have the right to install and operate on the user's premises such devices as are necessary to conduct sampling inspection, compliance monitoring and/or metering operations. Where the user has security measures in force which would require proper identification and clearance before entry onto their premises, the user shall make necessary arrangements with their security guards so that upon presentation of identification, personnel from the city, approval authority (FDEP) and/or EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities.
- D. While performing the necessary work on private properties referred to in subsections (a), (b) and (c) of

this section, the director or duly authorized employees of the city shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the city employees and the city shall indemnify the company against loss or damage to its property by city employees and against liability claims and demands for personal injury and property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required by subsection 102-56(b), and provided that nothing contained in this section shall obligate the city to incur liability or pay claims in excess of the amounts and except as set forth in F.S. § 768.28, or such successor statute as may be applicable.

- E. If the director or duly authorized employees of the City of Lakeland have been refused access to a building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this division, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program of the City of Lakeland designed to verify compliance with this division or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, the director may seek issuance of a search warrant for access to the property.
- F. Failure to provide timely access for any of the reasons listed above by the industrial user shall be considered a violation of this chapter.

PART 5. LIMITATION ON PERMIT TRANSFER

Individual wastewater discharge permits may be transferred to a new owner or operator only if the permittee gives at least 30 days advance notice to the city and the city approves the individual wastewater discharge permit transfer. The notice to the city must include a written certification by the new owner or operator which:

1. States that the new owner and/or operator has no immediate intent to change the facility's operations and processes;
2. Identifies the specific date on which the transfer is to occur; and
3. Acknowledges full responsibility for complying with the existing individual wastewater discharge permit.

PART 6. CHANGED CONDITIONS

The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the POTW from the User's industrial processes.

PART 7. RECORDS RETENTION

- A. Any industrial user subject to the reporting requirements established in this chapter shall maintain records of all information resulting from any monitoring activities required by this chapter, including documentation associated with best management practices. All sampling and analysis activities shall be subject to the record-keeping requirements specified in Chapter 62-160, F.A.C.
- B. Any industrial user subject to the reporting requirements established in this chapter, including

documentation associated with best management practices, shall be required to retain for a minimum of three years any records of monitoring activities and results (whether or not such monitoring activities are required by this chapter) and shall make such records available for inspection and copying by the department or control authority. This period of retention shall be extended during the course of any unresolved litigation regarding the industrial user or control authority.

PART 8. SAMPLE TYPE

- A. All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in this article shall be determined at the control manhole provided, or upon suitable samples taken at such control manhole. If no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by FDEP approved methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb and property. The particular analysis involved will determine if whether a grab sample or samples should be taken.
- B. For all sampling required by this chapter, grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organic compounds. For all other pollutants, 24-hour composite samples must be obtained through flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the control authority. Where time-proportional composite sampling or grab sampling is authorized by the control authority, the sample must be representative of the discharge and the decision to allow the alternative sampling must be documented in the industrial user file for that facility. Using protocols (including appropriate preservation) specified in Chapter 62-160, F.A.C., and DEP-SOP-001/01, multiple grabs collected during a 24-hour period may be composited prior to analysis as follows:
 - 1. Samples for cyanide, total phenols, and sulfides may be composited in the laboratory or in the field;
 - 2. Samples for volatile organics and oil and grease may be composited in the laboratory; and
 - 3. Composite samples for other parameters unaffected by the compositing procedures as allowed in the department's approved sampling procedures and laboratory methodologies may be authorized by the control authority, as appropriate.

PART 9. ANALYTICAL METHODS

Sample collection, preservation and analytical procedures shall be in accordance with FDEP approved methods contained in Florida Administrative Code, Rule 62-160.

PART 10. MEASUREMENTS FOR DISCHARGE LIMITATIONS

A. Six Month Average:

The six (6) month average is a rolling average, equal to the arithmetic mean of the samples collected during consecutive reporting periods which comprise six (6) months. For parameters that are measured at least once per month, the six (6) month average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and monthly average of each of the previous five (5) months.

B. Monthly Average:

The monthly average concentration is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day.

C. Daily Maximum:

The daily maximum concentration is the highest value recorded during the reporting period.

PART 11. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- A. The exact place, date and time of sampling;
- B. The dates the analyses were performed;
- C. The person responsible for performing the sampling or measurement.
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used, and
- F. The results of all required analyses.

PART 12. VIOLATION NOTIFICATION AND RESAMPLE REQUIREMENT

If sampling performed by an industrial user indicates a violation, the industrial user shall notify the control authority within 24 hours of becoming aware of the violation. The industrial user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the control authority within 30 days after becoming aware of the violation. Where the control authority has performed the sampling and analysis in lieu of the industrial user, the control authority must perform the repeat sampling and analysis unless it notifies the user of the violation and requires the user to perform the repeat analysis.

PART 13. HAZARDOUS WASTE NOTIFICATION

All users shall notify the control authority and the department's hazardous waste and pretreatment authorities in writing of any discharge into the WWF of a substance, which, if otherwise disposed of would be a hazardous waste under Rule 62-730, F.A.C. Such notification must include the name of the hazardous waste, the EPA hazardous waste number, the type of discharge (continuous, batch, or other). If the user discharges more than 100 kilograms (220 pounds) of such waste per calendar month to the WWF, the notification shall also contain the following information to the extent such information is known and readily available to the user; an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the waste stream discharged during the calendar month, and an estimation of the mass of constituents in the waste stream expected to be discharged during the following 12 months. Users who commence discharge after the effective date of this chapter shall provide the notification not later than 180 days after the discharge of the listed or characteristic hazardous waste. Any notification under this subsection needs to be submitted only once for each hazardous waste discharged.. However, notification of a changed discharge must comply with Section 3, Part 6 of this WDP.

PART 14. DILUTION

Except where expressly authorized to do so by an applicable pretreatment standard or requirement, no user shall ever increase the use of process water, or in any other way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a pretreatment standard or requirement. The control authority may impose mass limitations on a user which is using dilution to meet applicable pretreatment standards or requirements or in other cases where the imposition of mass limitations is appropriate.

PART 15. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of any sludges and/or spent chemicals by the Permittee shall be done in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Chapter 102 for the City of Lakeland Code as amended.

PART 16. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 17. SUSPENSION OF SERVICE AND/OR PERMIT

The director may revoke an individual wastewater discharge permit for good cause, including, but not limited to the following reasons:

1. Failure to notify the director of significant changes to the wastewater prior to the changed discharge;
2. Failure to provide prior notification to the director of changed conditions pursuant to section 102-110 of this chapter;
3. Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application;
4. Falsifying self-monitoring reports and certification statements;
5. Tampering with monitoring equipment;
6. Refusing to allow the director timely access to the facility premises and records;
7. Failure to meet effluent limitations;
8. Failure to pay fines;

9. Failure to pay sewer charges;
10. Failure to meet compliance schedules;
11. Failure to complete a wastewater survey or the wastewater discharge permit application;
12. Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
13. Violation of any pretreatment standard or requirement, or any terms of the wastewater discharge permit [or the general permit (optional)] or the ordinance from which this chapter derives.

PART 18. FAILING TO COMPLY WITH PERMIT CONDITIONS, FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Any person who knowingly makes a false statement, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to this article or pursuant to any WDP, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or sampling or analysis or information gathering method required under this article, shall be subject to the penalties and costs provided in this division, and any other penalty that may be provided under this article or any other applicable local, state or federal law or regulation.

PART 19. MODIFICATION OR REVISION OF THE PERMIT

- A. The director may modify a WDP for good cause, including, but not limited to the following reasons:
- 1) To incorporate any new or revised federal, state or local pretreatment standards or requirements;
 - 2) To address significant alterations or additions to the user's operation, processes, or wastewater volume or character since the time of wastewater discharge permit issuance;
 - 3) A change in the WWF that requires either a temporary or permanent reduction or elimination of the authorized discharge;
 - 4) Information indicating that the permitted discharge poses a threat to the city's WWF, personnel, or the receiving waters;
 - 5) Violation of any term or condition of the WDP;
 - 6) Misrepresentations or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting;
 - 7) Revision of or a grant of variance from categorical pretreatment standards pursuant to Rule 62-625.700, F.A.C.;
 - 8) To correct typographical or other errors in the WDP; or
 - 9) To reflect a transfer of the facility ownership or operation to a new owner or operator.
- B. The significant industrial user shall be informed of any proposed changes in the WDP at least 30 days

prior to the effective date of the change. Any changes or new conditions in the WDP shall include a reasonable time schedule for compliance except in the case of imminent danger to the environment, public health, worker safety or gross misrepresentation by the permittee

PART 20. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 4. ENFORCEMENT

PART 1. NOTICE OF VIOLATION (NOV):

- A. Whenever any person has violated or is in violation of this article, a wastewater discharge permit, or any prohibition, limitation or requirement contained in this article, the director may serve or cause to be served upon such person a written notice stating the nature of the violation.
- B. Except as may otherwise be provided in this article, within 30 days after the date of such notice, the violator shall submit to the director a plan for correcting violations which shall set forth the manner of correction and the time within which all such violations will be corrected. The plan must also set forth interim deadlines and schedules as the director may deem appropriate.

PART 2. SIGNIFICANT NONCOMPLIANCE (SNC):

- A. The city shall publish at least annually, in a daily newspaper having the largest circulation that provides meaningful public notice within the jurisdiction served by the wastewater facility (WWF), a list of the industrial users which, at any time during the previous 12 months, were in significant noncompliance with applicable pretreatment standards and requirements. For the purpose of this provision, the term "significant noncompliance" shall be applicable to all significant industrial users (or any other industrial user that violates subsections (3), (4) or (8) of this section) and shall mean:
 - 1) Chronic violations of wastewater discharge limits, defined as those in which 66 percent or more of wastewater measurements taken for the same pollutant parameter taken during a six-month time frame exceeds (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limits defined in section 102-26. The time frames shall be evaluated at the end of each quarter using data from the previous six months;
 - 2) Technical review criteria (TRC) violations, defined as those in which 33 percent or more of wastewater measurements taken for the same pollutant parameter taken for each pollutant parameter during a six-month time frame, exceeds the product of the numeric pretreatment standard or requirement, including instantaneous limits defined in section 102-26 multiplied by the applicable criteria (1.4 for BOD, TSS, total oil and grease, and 1.2 for all other pollutants except pH). The time frames shall be evaluated at the end of each quarter using data from the previous six months;
 - 3) Any other violation of a pretreatment standard or requirement as defined by section 102-26 (daily maximum or longer-term average, instantaneous limit or narrative standard) that the city determines has caused, alone or in combination with other discharges, interference or pass-through, including endangering the health of WWF personnel or the general public;
 - 4) Any discharge of a pollutant that has caused imminent endangerment to the public or to the environment, or has resulted in the city's exercise of its emergency authority to halt or prevent such a discharge;
 - 5) Failure to meet, within 90 days of the scheduled date, a compliance schedule milestone contained in a wastewater discharge permit or enforcement order for starting construction, completing construction or attaining final compliance;

- 6) Failure to provide within 45 days after the due date, any required reports, including baseline monitoring reports, reports in compliance with categorical pretreatment standard deadline, periodic self-monitoring reports and reports on compliance with compliance schedules;
- 7) Failure to accurately report noncompliance; or
- 8) Any other violation(s) which may include a violation of best management practices, or group of violations which the city determines will adversely affect the operations or implementation of the pretreatment program.

PART 3. CIVIL PENALTIES

- A. A user who has violated or continues to violate any provision of this article, a wastewater discharge permit or other order issued hereunder, or any other pretreatment standard or requirement shall be liable to the city for a civil penalty in at least the amount of \$1,000.00 per violation, per day.
- B. The city may recover reasonable attorney's fees, court costs and other expenses associated with enforcement activities, including sampling and monitoring expenses and the cost of actual damage incurred by the city.
- C. In determining the amount of the civil liability, the court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, any economic benefit gained through the user's violation, corrective actions by the user, the compliance history of the user and any other factor as justice requires.
- D. Filing a suit for civil penalties shall not be a bar against or a prerequisite for taking any other actions against a user.

PART 4. CRIMINAL PROSECUTION

- A. A user who willfully or negligently violates any provisions of this article, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement shall, upon conviction, be guilty of a misdemeanor, punishable by a fine in at least the amount of \$1,000.00 per violation, per day or imprisonment for not more than six months, or both.
- B. A user who willfully or negligently introduces any substance into the WWF which causes personal injury or property damage shall, upon conviction, be guilty of a misdemeanor and be subject to a penalty in at least the amount of \$1,000.00 per violation, per day, or imprisonment for not more than six months, or both. This penalty shall be in addition to any other cause of action for personal injury or property damage available under state law.
- C. A user who knowingly makes any false statements, representations or certifications in any application, record, report, plan or other documentation filed or required to be maintained, pursuant to this article, wastewater discharge permit or order issued hereunder, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required under this article shall, upon conviction, be punished by a fine in at least the amount of \$1,000.00 per violation, per day or imprisonment for not more than six months, or both.
- D. In the event of a second conviction, a user shall be punished by a fine in at least the amount of \$1,000.00 per violation, per day or imprisonment for not more than one year, or both.

PART 5. EMERGENCY ACTIONS

The control authority shall have authority and procedures to immediately and effectively halt any discharge to the WWF which endangers public health or welfare. The control authority shall also have the authority and procedures to prevent any discharge to the WWF which endangers the environment or which threatens to interfere with the operations of the WWF. Notice shall be provided to the user prior to such action. If public health or welfare are not endangered, the user shall be given an opportunity to respond to the notice.

PART 6. UPSET AND BYPASS PROVISIONS

Upset Provision.

- A. *Effect of an upset.* An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards if the requirements of subsection (c) below, are met.
- B. An upset shall not constitute an affirmative defense to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- C. *Conditions necessary for demonstration of upset.* An industrial user who wishes to establish the affirmative defense of an upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:
 - 1. An upset occurred and the industrial user can identify the cause of the upset;
 - 2. The industrial user's facility was, at the time of the upset, being properly operated; and
 - 3. The industrial user has orally submitted the following information to the control authority within 24 hours of becoming aware of the upset, with a written submission to be provided within five days:
 - i. A description of the discharge and cause of noncompliance;
 - ii. The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - iii. Steps being taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.
- D. *Industrial user responsibility in case of an upset.* The industrial user shall control production or all discharges to the extent necessary to maintain compliance with categorical pretreatment standards upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

Bypass Provision.

A. *Permitted bypass.* An industrial user may allow any bypass to occur which does not cause pretreatment standards or requirements to be violated, but only to the extent necessary for essential maintenance to assure efficient operation. Such bypasses are not subject to the provisions of subsections (b) and (c), below.

B. *Notice.*

- (1) If an industrial user knows in advance of the need for a bypass, it shall submit a notice to the control authority at least ten days before the date of the bypass. If the industrial user does not know of the need for a bypass ten days prior to the bypass, then the industrial user shall notify the control authority immediately upon knowledge of the need for the bypass.
- (2) An industrial user shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards to the control authority within 24 hours from the time the industrial user becomes aware of the bypass. A written submission shall also be provided within five days of the time the industrial user becomes aware of the bypass. The written submission shall contain:
 - a. A description of the bypass and its cause;
 - b. The duration of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and
 - c. Steps taken or planned to reduce, eliminate and prevent recurrence of the bypass.

C. *Prohibited bypass.*

- (1) Bypass is prohibited, and the control authority shall take enforcement action against an industrial user for a bypass, unless:
 - a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - b. There were no technically feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass during normal periods of equipment downtime or preventative maintenance; and
 - c. The industrial user submitted notices as required under subsection (b), above.
- (2) The control authority shall, except when the FDEP acts as the control authority, approve an anticipated bypass, after considering its adverse effects, if the control authority determines that it will meet the three conditions listed in subsection (c)(1), above. If the FDEP is acting as the control authority, then the industrial user shall notify the WWF of the anticipated bypass.

THIS BOND REPLACES AND SUPERSEDES PRIOR DEVELOPERS SURETY AND INDEMNITY
COMPANY BOND ESD0400062

Mail Document and Notices to:
Solid Waste Financial Coordinator
Florida Department of Environmental Protection
2600 Blairstone Road MS 4548
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(5)(c)
Form Title SW Fac. Performance Bond
Form Effective Date February 15, 2015
Incorporated in Rule 62-701.630(6)

STATE OF FLORIDA
SOLID WASTE FACILITY PERFORMANCE BOND

Bond Number: 30231485

The term "Required Action" as used in this document means closing, long-term care, or corrective action, or any combination of these, which is identified below.

Check Appropriate Box(es): ☒ Closing ☐ Long-Term Care ☐ Corrective Action

Date bond executed: March 5, 2025

Effective date: February 10, 2025

Principal is a limited liability company
Type of Legal Entity (e.g., corporation, limited liability company, partnership, sole proprietorship)

Principal: Aqua Clean Environmental Company, LLC
Legal Name of Owner or Operator
3210 Whitten Road, Lakeland, FL 3381
Business Address of Owner or Operator

Surety(ies): Western Surety Company
Name as listed on Treasury Circular 570
151 N Franklin St., Chicago, IL 60606
Business Address
South Dakota
State of Incorporation of Surety

List for each facility covered by this bond: FDEP identification number (WACS or EPA ID), facility name and site address.
Include facility amounts (the amount for each facility covered by this bond) only when more than one facility is covered by this bond.
Facility amount equals penal sum when not specified

<u>FDEP I.D. No.</u>	<u>Facility Name and Site Address</u>
FLR000034033	Aqua Clean Environmental Company, LLC 3210 Whitten Road Lakeland, FL 33811

Total penal sum of bond: \$ 208,192.24

Surety's bond number: 30231485

Bond premium: \$ Confidential

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Florida Department of Environmental Protection (hereinafter called FDEP), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

WHEREAS, said Principal is required, under the Florida Solid Waste Management Act as amended, to have a permit in order to construct, operate or close each solid waste management facility identified above, and

WHEREAS, said Principal is required to provide financial assurance for the "Required Action," as a condition of the permit(s), and

WHEREAS, said principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully perform Required Action(s), whenever required to do so, of each facility for which this bond guarantees Required Action(s), in accordance with the Required Action plan(s) and other requirements of the permit, as such plan(s) and permit(s) may be amended, pursuant to all applicable laws, statutes, rules, and regulations, as such laws, statutes, rules, and regulations may be amended,

Or, if the Principal shall provide alternate financial assurance and obtain the FDEP Secretary's, or the Secretary's designee's (the "designee"), written approval of such assurance, within 90 days after the date notice of cancellation is received by both the Principal and the FDEP Secretary, or designee, from the Surety(ies), then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above.

Upon notification by the FDEP Secretary, or designee, that the Principal has been found in violation of the Required Action requirements for a facility for which this bond guarantees performance, the Surety(ies) shall either perform Required Action(s) in accordance with the Required Action plan(s) and other permit requirements or place the amount guaranteed for the facility into the standby trust fund as directed by the FDEP Secretary, or designee.

Upon notification by the FDEP Secretary, or designee, that the Principal has failed to provide alternate financial assurance and obtain written approval of such assurance from the FDEP Secretary, or designee, during the 90 days following receipt by both the Principal and the FDEP Secretary, or designee, of a notice of cancellation of the bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into the standby trust fund as directed by the FDEP Secretary, or designee.

The Surety(ies) hereby waive(s) notification of amendments to Required Action plans, permits, applicable laws, statutes, rules, and regulations and agree(s) that no such amendment shall in any way alleviate its (their) obligation on this bond.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the FDEP Secretary, or designee; provided, however, that cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the FDEP Secretary, or designee, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the FDEP Secretary, or designee.

Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees new facility amount(s), provided that the penal sum does not increase by more than 20 percent in any one year, and no decrease in the penal sum takes place without the written permission of the FDEP Secretary, or designee.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this Performance Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies), and that the wording of this surety bond is identical to the wording as adopted and incorporated by reference in Rule 62-701.630(6)(a), F.A.C.

PRINCIPAL

Aqua Clean Environmental Company, LLC

Debbie Lindstrom
Signature of Authorized Representative of Principal

Debbie Lindstrom, Attorney-in-Fact

Type Name and Title

206-441-6300

Telephone Number

RSNew@usi.com

E-mail Address

[Signature]
Signature of Witness or Notary

3-5-2025
Date of Witness or Notary

ALLISON S. MCCLINTOCK
Printed Name of Witness or Notary Seal



CORPORATE SURETY(IES)

Provide the following for each surety (co-surety). Attach pages as needed.

Western Surety Company

Surety Company

Laura Kovarik
Signature of Authorized Representative of Surety (Attach Power of Attorney)

NA
Liability Limit - (for
co-sureties only)
(SEAL)

Laura Kovarik, Attorney-in-Fact

Type Name and Title

601 Union Street, Ste 1000
Seattle, WA 98101

Address of Authorized Representative

425-532-3849

Telephone Number

laura.kovarik@usi.com

E-mail Address



POWER OF ATTORNEY

REPUBLIC SERVICES, INC., a Delaware corporation having its principal place of business at 18500 N. Allied Way, Phoenix, Arizona 85054, hereby makes, constitutes and appoints KIBBLE & PRENTICE HOLDING COMPANY dba USI INSURANCE SERVICES NORTHWEST, acting through and by any one of Debbie Lindstrom, Kathleen M. Mitchell, Scott C. Alderman, Amber Engel, Jamie Armfield, Holly E. Ulfers, Tatiana Geffer, Laura Kovarik or Roxana Palacios, its true and lawful attorney to sign and seal any and all surety bonds, bid bonds, performance bonds and payment bonds at or below the monetary threshold of Five Million Dollars (\$5,000,000.00) on behalf of REPUBLIC SERVICES, INC. and its subsidiaries, relating to the provision of solid waste collection, transportation, transfer, recycling, disposal and/or energy services by REPUBLIC SERVICES, INC. and its subsidiaries and affix its corporate seal to and deliver for and on behalf as surety thereon or otherwise, bonds of any of the following classes, to wit:

1. Surety bonds, bid bonds, performance bonds and payment bonds to the United States of America or agency thereof, including those required or permitted under the laws or regulations relating to Customs or Internal Revenue; license and permit bonds or other indemnity bonds under the laws, ordinances or regulations of any state, city, town, village, board, other body organization, public or private; bonds to transportation companies; lost instrument bonds; lease bonds; worker's compensation bonds; miscellaneous surety bonds; and bonds on behalf of notaries public, sheriffs, deputy sheriffs and similar public officials.

2. Surety bonds, bid bonds, performance bonds and payment bonds on behalf of REPUBLIC SERVICES, INC. and its subsidiaries in connection with bids, proposals or contracts.

REPUBLIC SERVICES, INC. hereby agrees to ratify and confirm whatsoever KIBBLE & PRENTICE HOLDING COMPANY dba USI INSURANCE SERVICES NORTHWEST shall lawfully do pursuant to this power of attorney, and until notice or revocation has been given by REPUBLIC SERVICES, INC., the acts of said attorney shall be binding on the undersigned.

IN WITNESS WHEREOF, this Power of Attorney has been signed this 5th day of February, 2025 on behalf of REPUBLIC SERVICES, INC. by its Assistant Secretary, Adrienne W. Wilhoit.

REPUBLIC SERVICES, INC.,
a Delaware corporation


Adrienne W. Wilhoit

STATE OF ARIZONA

COUNTY OF MARICOPA


Subscribed and sworn to before me this 5th day of February, 2025 by Kiara Gonzalez, Notary Public.


Notary Public

CERTIFICATE

I, the undersigned, John B. Nickerson, Assistant Secretary of Republic Services, Inc., a Delaware corporation, do hereby certify that the foregoing Power of Attorney is true, correct, remains in full force and effect, and has not been revoked.

IN WITNESS WHEREOF, this Certification has been signed this 5th day of March, 2025 on behalf of REPUBLIC SERVICES, INC. by its Assistant Secretary, John B. Nickerson.


John B. Nickerson

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint **Laura Kovarik, Individually** of **Seattle, WA**, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond No: 30231485
Principal: Aqua Clean Environmental Company, LLC
Obligee: State of Florida, Department of Environmental Protection

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 10th day of January, 2024.



WESTERN SURETY COMPANY

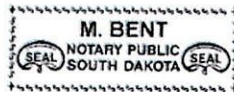
Larry Kasten, Vice President

State of South Dakota } ss
County of Minnehaha }

On this 10th day of January, 2024, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 5th day of March, 2025.



WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligor Services > Validate Bond Coverage, if you want to verify bond authenticity.



USI Insurance Services
601 Union Street
Suite 1000
Seattle, WA 98101
www.usi.com
Tel: 206.441.6300

March 5, 2025

FEDEX Express - Next Day

Amber Chambers
Republic Services

RE: Aqua Clean Environmental Company, LLC
\$ 208,192.24 Performance Bond
State of Florida, Department of Environmental Protection
for FDEP ID No. FLR000034033 - Solid Waste Facility Performance Bond

Bond # 30231485

Enclosed find your bond for the above captioned obligation as requested. Please review for accuracy before forwarding the enclosed original Bond to the Obligee along with any other required paperwork.

Should you require further assistance or if you have any questions, please do not hesitate to contact me at 206-731-1200 or email us at RSNew@usi.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Laura Kovarik", is written over a light blue horizontal line.

Laura Kovarik
Surety Department

SPECIAL INSTRUCTIONS FOR THIS BOND (if left blank, there are no special instructions for your bond):