Addendum #2
ITB #34-22, Pump, Transport and Dispose of Leachate
August 9, 2022

NOTICE IS HEREBY GIVEN that the following addendum serves to provide clarification and to answer the questions received on ITB #34-22, Pump, Transport and Dispose of Leachate.

Clarification: Under DETAILED SPECIFICATIONS, 2. SCOPE OF SERVICES, D. EQUIPMENT, Item 2, page 16, states "pumping above ground and below ground tanks". **There are no above ground tanks**.

Question 1: What are the Estimated Annual Volumes?
Answer to Question 1: ***The estimated annual volume is 160,000 gallons.***

Question 2: What are the Pickup Times?
Answer to Question 2: **Refer to DETAILED SPECIFICATIONS, SCOPE OF SERVICES B. ORIGINATION FACILITY, Days of Operation, page 16.**

Question 3: What are the Hookups Available for the Transfer of the Leachate to the Tankers?
Answer to Question 3: ***There are no hookups available at the transfer station. The hauler must be able to pump leachate from an underground tank approximately 14'deep. There are two (2) access points that are 24"x24".***

Question 4: What analysis is available for review?
Answer to Question 4: ***Refer to Laboratory Test Report dated June 11, 2020, at end of Addendum 2.***

Question 5: Who is the incumbent?
Answer to Question 5: ***Safety-Kleen is providing temporary services at a rate of $0.57 per gallon.***

Question 6: Can we get the previous contract amounts and values?
Answer to Question 6: ***On City's website, under current solicitation, the previous bid tab is posted. Link to site: https://www.myclearwater.com/business/rfp. Reference ITB31-21_bid tabulation.***

Please Note: *The ten (10) day deadline for submitting questions is now closed and no further questions will be responded to.*

End of Questions and Answers

All other dates and terms and conditions remain the same in this Invitation to Bid.

End of Addenda

Clean Harbors Analytical Services
Laboratory Test Report

Report ID

ECL - 200619 - 1445

SAMPLE

Waste Water Run Off Pit

Project: Safety Kleen Tampa : Dave Galloway

City of Clearwater

Contact:

Safety Kleen Tampa
5309 24th Avenue South
Tampa
FL 33619

The laboratory performing the analytical testing is listed below. Samples are tested in "as-received" condition, and the test results relate only to the sample listed above. The laboratory certifies that the generation of all the results contained here-in was performed minimally meeting the quality system of ISO/IEC 17025:2017 and is in compliance with the listed analytical method, except as otherwise noted within this report.

Page numbers and total number of pages are listed on the bottom of each page. Because each page contains information to the sample in-which any part may be significantly relevant to the other parts of this report; this report shall not be reproduced, except in full, without the written approval of the laboratory's management. Reproduction of this report of any kind, except in full, shall invalidate this report's laboratory approval and all data contained therein.

DATA QUALIFIERS:

Data qualifiers may be utilized when reporting test results as an aid to understanding laboratory method limitations. Data qualifications may be in the form of either a report narrative or/and flagged test results. Data qualifier flag definitions are located on the last page of this report. Holding Time and Preservation recommendation excursions will be narrated within the individual test group or on page 2 of this report.

QUESTIONS AND OPINIONS

Questions regarding this report may be made by contacting the Laboratory Director/Manager or your Project Manager.

Approving Authority: Bill Fornoff
June 19, 2020

Client ID: Waste Water Run Off Pit **Lab ID:** ECL200454 **SDG:** ECL2020-265

Sample Receipt Report

Logged In: 6/11/2020 **Received By:** gainesi1

Shipping Container Condition: Good

Chain of Custody Record Present: Yes
COC Complete: No
Custody Seals Present: No *(on sample or on shipping container)*
Custody Seals Intact: No

Sample Container Condition: Good
Proper Sample Container: Yes
Sample Label Present: No
Sample Label Complete and Matches COC: No

Sample Received On Ice: No
Temperature: 25.0 deg. C **Thermometer ID:** ECL0003-2-18
Chemically Preserved: No *(documentation review, physical check performed during sample prep if required)*
Within Holding Time: Yes

Sample Receipt Comments: Samples are analyzed on an ‘as received’ basis. Sample conditions upon arrival such as temperatures, pH, and headspace may not be optimal. Deviations from optimal sample conditions, as described by the EPA in SW-846, will be communicated to the customer.

Client ID: Waste Water Run Off Pit **Lab ID:** ECL200454 **SDG:** ECL2020-265

Sample Case Narrative

With any exceptions noted as flags and/or narratives detailed below on this page, standard analytical protocols were followed in the preparation and analysis and no problems related to the reported end test results were encountered or anomalies observed. The sample was analyzed with the intent to achieve a lower limit of Limit of Quantitation (LOQ) sufficient to meet the needs of the intended purpose of the test as understood by the laboratory. In some cases, either due to matrix interference or analytes present at high concentrations, samples may be diluted. For diluted samples or for samples that were received with insufficient amount, the reporting limits (RL) and LOQ are adjusted relative to the dilution volume.

All EPA recommended holding times specified in SW-846 Chapters 3 and 4 were met unless otherwise detailed in the individual sections below.

SAMPLE RECEIPT
The laboratory reports test results in as-received condition. The condition of this sample at time of receipt is detailed in the Sample Receipt Report located on page 2 of this report.

SAMPLE ANALYSIS
As related to the final reported values in this test report, all method and laboratory established quality control criteria were met except as detailed below. If no anomalies are listed it can be assumed that all quality control criteria related to the values presented were in control.

The laboratory establishes limits for sample quality control checks (matrix spike and surrogates) from the laboratory's control samples (LCSs) which utilize a clean control matrix. This allows the user to assess differences between analyte precision and bias in their sample against limits established from a known laboratory control.

Clean Harbors Analytical Services
Laboratory Test Report

Client ID: Waste Water Run Off Pit **Lab ID:** ECL200454 **SDG:** ECL2020-265

pH by Meter, Aqueous - 40CFR261
Test Method EPA-9040

Data Set: 200519_pH40
Validated: 6/18/2020 by gainesi1

Parameter	CAS	Qual	Result	LLOQ	RL	Test Units	Reg Limits
pH			5.1	13	1.0	Units	<=2|>=12.5
at Temperature			21			deg C	

**** END OF TEST GROUP ****

Clean Harbors Analytical Services
Laboratory Test Report

Client ID: Waste Water Run Off Pit **Lab ID:** ECL200454 **SDG:** ECL2020-265

Semivolatiles - 40CFR261 (Full)
Test Method EPA-8270

Data Set: semivoa200217a
Validated: 6/17/2020 by kranawt1

Parameter	CAS	Qual	Result	LLOQ	RL	Test Units	Reg Limits
2,4,5-Trichlorophenol	95-95-4		ND	0.10	0.10	mg/L TCLP	400 mg/L TCLP
2,4,6-Trichlorophenol	88-6-2		ND	0.10	0.10	mg/L TCLP	2.0 mg/L TCLP
2,4-Dinitrotoluene	121-14-2		ND	0.10	0.10	mg/L TCLP	0.13 mg/L TCLP
o-Cresol	95-48-7		ND	0.10	0.10	mg/L TCLP	200 mg/L TCLP
m-Cresol	108-39-4		ND	0.10	0.10	mg/L TCLP	200 mg/L TCLP
p-Cresol	106-44-5		ND	0.10	0.10	mg/L TCLP	200 mg/L TCLP
Cresol	(n/a)		ND	0.10	0.10	mg/L TCLP	200 mg/L TCLP
Hexachlorobenzene	118-74-1		ND	0.10	0.10	mg/L TCLP	0.13 mg/L TCLP
Hexachlorobutadiene	87-68-3		ND	0.10	0.10	mg/L TCLP	0.50 mg/L TCLP
Hexachloroethane	67-72-1		ND	0.10	0.10	mg/L TCLP	3.0 mg/L TCLP
Nitrobenzene	98-95-3		ND	0.10	0.10	mg/L TCLP	2.0 mg/L TCLP
Pentachlorophenol	87-86-5		ND	0.10	0.10	mg/L TCLP	100 mg/L TCLP
Pyridine	110-86-1		ND	0.10	0.10	mg/L TCLP	5.0 mg/L TCLP
SAMPLE QC			%R	UCL	LCL		
(surr) Phenol-d6			38	76	10	%R	
(surr) 2-Fluorophenol			58	96	10	%R	
(surr) 2,4,6-Tribromophenol			105	120	10	%R	
(surr) Nitrobenzene-d5			86	130	10	%R	
(surr) 2-Fluorobiphenyl			94	110	12	%R	
(surr) p-Terphenyl-d14			86	170	42	%R	

Investigation of Sample Corrosive Compounds

Compound	Estimated Concentration (mg/L)
Butanoic Acid	41
Pentanoic Acid	160
Hexanoic Acid	340
Heptanoic Acid	170
Octanoic Acid	26

**** END OF TEST GROUP ****

Client ID: Waste Water Run Off Pit **Lab ID:** ECL200454 **SDG:** ECL2020-265

REPORTING LIMITS AND ACRONYMS

RL Reporting Limit - The lowest level that the laboratory reports down to for that specific test parameter/method combination. The RL is set to be at or above the method detection limit (MDL) as determined in a clean control matrix and is adjusted for dilutions. The RL will match the associated LLOQ if the MDL is not routinely verified. Under NELAP, routine MDL studies are only required when reporting a value below LLOQ. Values reported between the LLOQ and the RL are always considered estimated. RL is not applicable for some tests.

LLOQ Lower Limit of Quantitation - The lowest verified point that a value can be reported that is within a known level of confidence, adjusted for sample digestate/extract dilution. LOQ is not applicable for some tests.

REPORTING FLAGS

B Denotes a sample test result analyte that is above the RL was also found in the associated laboratory method blank at a concentration that was above the RL.

T Denotes that the reported analyte that is at or above the RL was only tentatively identified and not confirmed where the test method requires such confirmation be performed. This code is present because some data clients do not require the laboratory to perform the confirmation in order for the test result to be usable.

ND or < Analyte was not detected at or above the RL.

> Analyte was greater than the reported value.

J Estimated Value - Denotes that the reported analyte that is at or below the RL has an increased level of potential bias.

E Estimated Value - Denotes that a positive numeric value is an estimated value. Used when the reported value is greater than the highest instrument calibration point in the curve or above the instrument's verified upper linear dynamic range.

UJ RL and LLOQ Estimated - Denotes the RL and LOQ has an increased level of potential bias. Used in non-detect values as necessary.

NR Not Run - Denotes that the listed analyte was not run or was not reported.

SURROGATE LIMIT GENERATION

It is important to note that when surrogates are used as part of the test method, statistical control limits (when employed) are derived from the LCS results in an appropriate QC matrix (typically ottawa sand for solid matrix samples, reagent water for aqueous matrix samples, TCLP solution for TCLP extracts, and mineral oil for non-aqueous liquid concentrated waste samples). These limits therefore are representative of the process by which RL and LLOQ are established and verified. This allows the data user to assess matrix effects related to surrogate recovery against a known laboratory control.

**** END OF TEST REPORT ****