



Environmental Consulting & Technology, Inc.

November 7, 2011
110859-0100

E-mail Transmittal

Environmental Administrator
Hazardous Waste Regulation Section M.S. 4560
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Attention: Mr. Merlin D. Russell, Jr.
Professional Geologist II
Hazardous Waste Regulation

**Re: Safety-Kleen Systems, Inc., 5309 24th Avenue South, Tampa, Florida
EPA ID # FLD 980 847 271; Operating Permit No. 34744-HO-005
Confirmatory Sampling Plan for SWMU-21**

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Confirmatory Sampling Plan (Plan) for SMWU-21 for the referenced facility, and seeks Department approval. This Plan is being submitted as requested by the Department in recent discussions. The purpose is to determine whether there is evidence that there has been any release of hazardous constituents from SWMU-21 that may pose a threat to human health or the environment.

The onsite Septic Tank and Drain Field are identified as SWMU-21 in the draft renewal permit for the facility. The basic objectives of this Plan are to collect one liquid sample from the septic tank, and to collect one groundwater sample from a temporary monitor well that will be installed in the drain field. As requested by the Department, these two liquid samples will be laboratory analyzed for the eight RCRA metals, VOCs by EPA Method 8260B, and SVOCs by EPA Method 8270D. The proposed sample locations are shown on the attached Site Plan.

The septic tank liquid sample will be collected using a peristaltic pump and low flow sampling technique.

The depth to the water table has previously been observed to average about 2.5 ft below land surface at the facility. As such, it is anticipated that vadose zone soil is virtually absent at the drain field (i.e., the drain field construction materials likely extend to the water table); therefore, groundwater sampling is proposed instead of soil sampling. The temporary

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SK_Tampa_ConfirmSamplingPlan.doc

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Mr. Merlin D. Russell, Jr.

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monitor well will be installed using a direct-push drill rig with auger attachments to a depth of approximately 5 to 7 feet below the surface of the drain field. The monitor well will be constructed of 1-inch diameter PVC with a pre-packed well screen. The local direction of groundwater flow (near the water table) is expected to be generally toward the southwest or west. The proposed location of the temporary monitor well is intended to be near the downgradient end of the drain field. Groundwater sampling (to occur 1-day after well installation) will be performed in accordance with FDEP SOPs using a peristaltic pump and low flow purging and sampling techniques. Standard field parameters will be measured by approved methods and field data will be documented on a FDEP approved groundwater sampling log form.

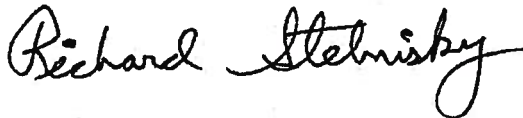
The laboratory analyses will be performed by Analytical Services, Inc. (ASI), which is a NELAC accredited laboratory located in Norcross, Georgia. The VOCs by EPA Method 8260B, and the SVOCs by EPA Method 8270D, will include all such constituents for which ASI is certified.

The methods and results from implementation of this Plan will be submitted to the Department in a brief letter-style Confirmatory Sampling Report.

If you have any questions, please contact Bob Schoepke of Safety-Kleen at (847) 468-6733. Thank you for your assistance on this project.

Sincerely,

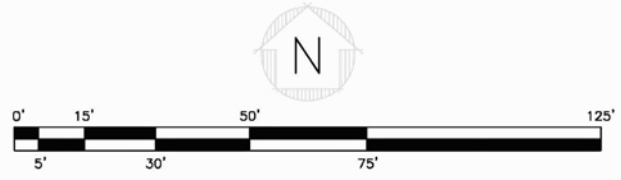
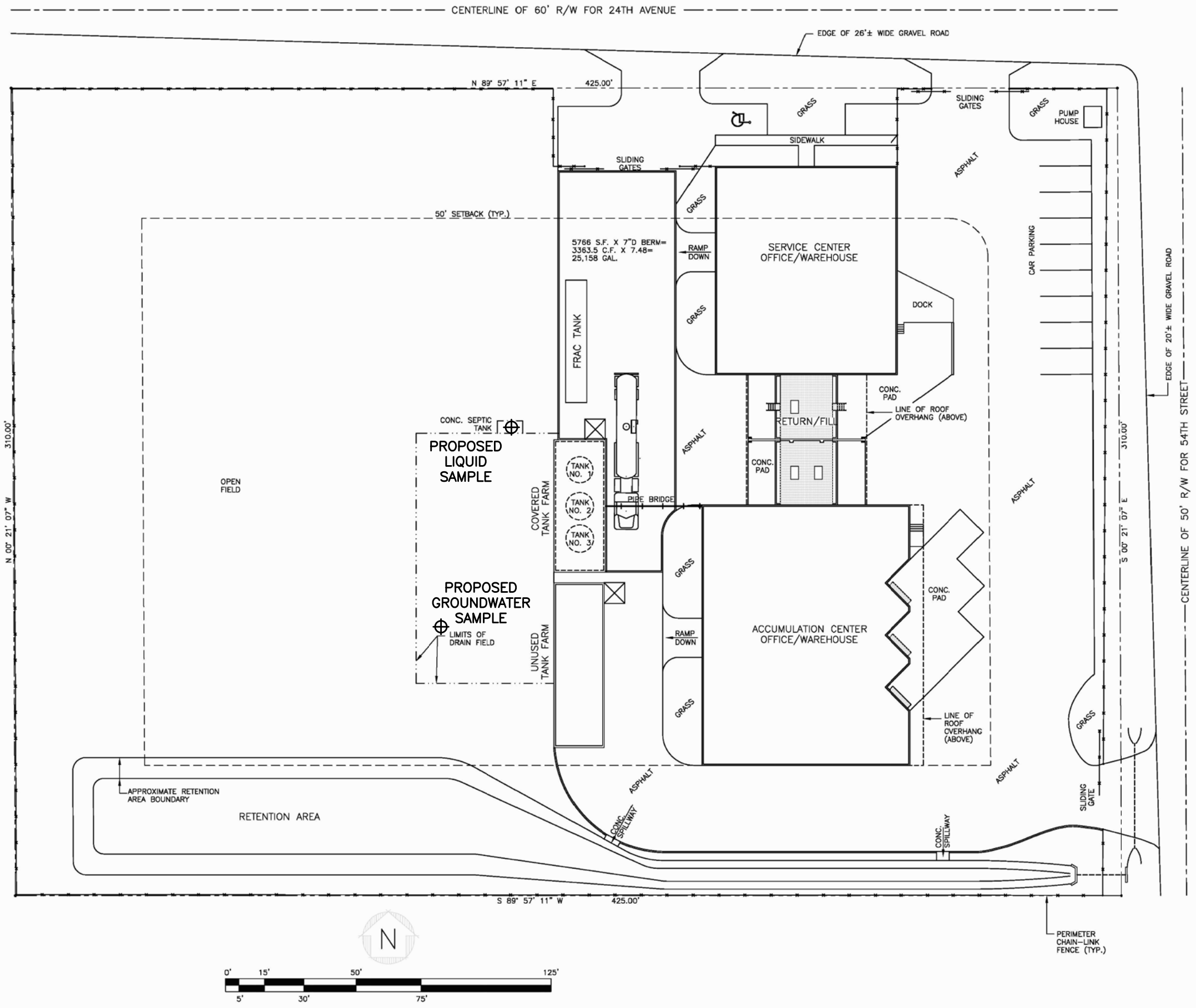
ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.



Richard J. Stebnisky, P.G.
Principal Hydrogeologist

Enclosure: Site Plan

cc: Bob Schoepke, Safety-Kleen
Branch File, c/o John Walters, Safety-Kleen Facility Manager
Jeff Curtis, Safety-Kleen - Compliance
Darren Stowe, ECT



GENERAL NOTES

ABBREVIATION LEGEND

CONC - CONCRETE
 UMS - USED MINERAL SPIRITS
 CMS105 - CLEAN MINERAL SPIRITS 105'
 CMS150 - CLEAN MINERAL SPIRITS 150'
 USG - UNITED STATES GALLONS

TANK LEGEND

TANK NO.	TANK VOLUME	TANK CONTENTS	REMARKS
1	12,000 USG	CMS150	10'-6" FLAT BOTTOM TANK ON 6" H. METAL SKID
2	15,000 USG	UMS	10'-6" FLAT BOTTOM TANK ON 6" H. METAL SKID
3	15,000 USG	CMS150	10'-6" FLAT BOTTOM TANK ON 6" H. METAL SKID

REVISIONS

NO.	DESCRIPTION	BY	CHK	APPR	DATE
A	RELEASED TO DP FOR REVIEW	MBH	KJM	DP	102496
B	REVISE TO SHOW EXISTING CONDITIONS	JEK	DP	DP	061404
C	ADD PROPOSED FRAC TANK PAD	JEK	DP	DP	032409

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TITLE
SITE PLAN PROPOSED

SAFETY-KLEEN SYSTEMS INC.
 5400 LEGACY DR. CLUSTER III BLDG. 3 PLANO, TX. 75024
 PHONE 800-669-5740

SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
1"=20'-0"	MBH	KJM	DP		10-24-98
SERVICE CENTER LOCATION	SC-DWG NUMBER		REV. NO.		
TAMPA, FL.	7098-SPOO-001		C		