

December 9, 2014 120043-1401

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 III Hazardous Waste Regulation

Re: Safety-Kleen Systems, Inc., 5309 24<sup>th</sup> Avenue South, Tampa, Florida EPA ID # FLD 980 847 271; Operating Permit No. 34744-HO-007 Monitoring Well Abandonment Report

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Monitoring Well Abandonment Report for the referenced facility in accordance with Chapter 62-780, Florida Administrative Code (F.A.C.), and per Paragraph 7 of the November 5, 2014, Site Rehabilitation Completion Order (SRCO) issued by the Department for the facility. Figure 1 shows the location of the facility.

#### MONITORING WELL ABANDONMENT

On November 14, 2014, ECT met with Preferred Drilling Solution, Inc. staff to abandon six monitoring wells and remove the monitoring well protective concrete pads. After arriving onsite, ECT located and opened monitoring wells MW-1 MW-2, MW-3, MW-4, MW-5, and MW-6D to measure depth to water and the total depth of the monitoring wells. Figure 2 is a site map showing the locations of the abandoned monitoring wells relative to the location of the septic tank and drain field (SWMU-21). The monitoring wells were abandoned properly in accordance with the requirements of Subsection 62-532.500(4), F.A.C.

1408 N Westshore Blvd, Suite 115 Tampa, FL 33607

(813) 289-9338

FAX (813) 289-9388 Mr. Merlin D. Russell, Jr. December 9, 2014 Page 2

A copy of the field notes documenting the monitoring well abandonment is included as Attachment 1. Photographs of the monitoring well abandonment activities are included as Attachment 2. Copies of the State of Florida Well Completion reports are included as Attachment 3.

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

**Enclosures:** 

Figures 1 to 2 Attachments 1 to 3

cc: Hazardous Waste Supervisor, FDEP Temple Terrace, Florida (hard copy)

Bob Schoepke, Safety-Kleen (electronic)

Branch File, c/o Steve Gugino, Safety-Kleen Facility Manager (hard copy)

Keith Morrison, ECT (electronic) Jeff Curtis, Safety-Kleen (electronic)



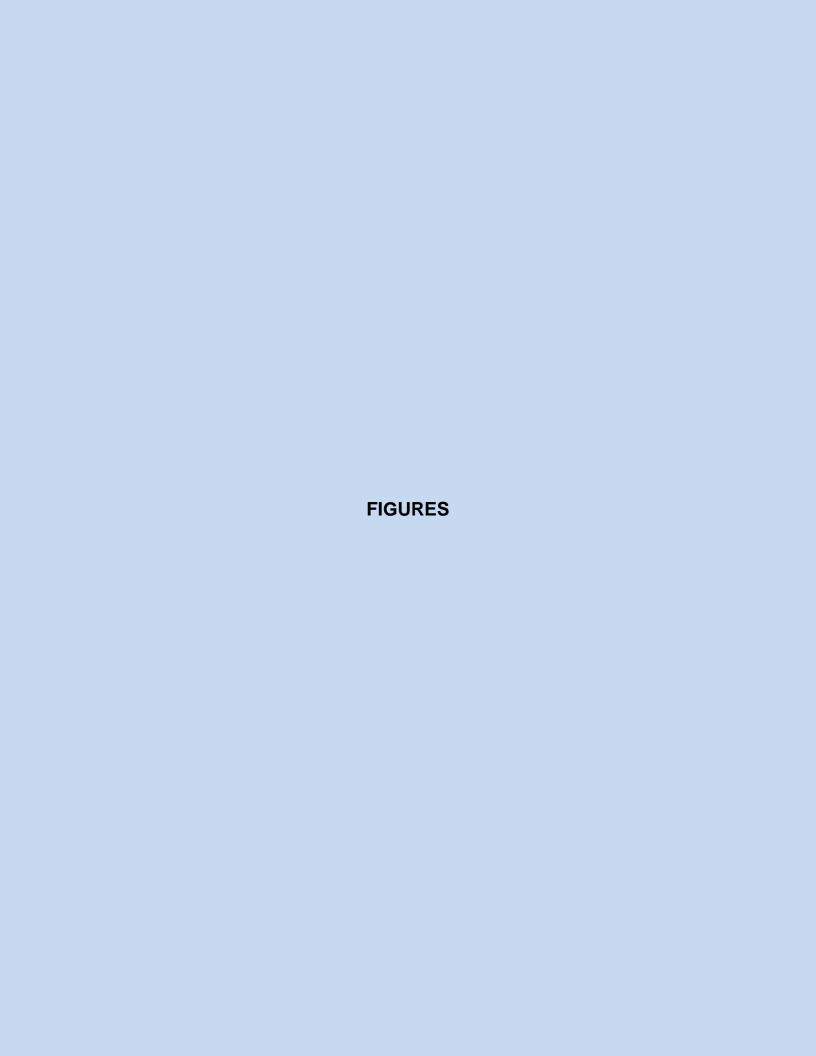




FIGURE 1.
REGIONAL LOCATION MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: ESRI Street Map Data, 2013; ECT, 2014.



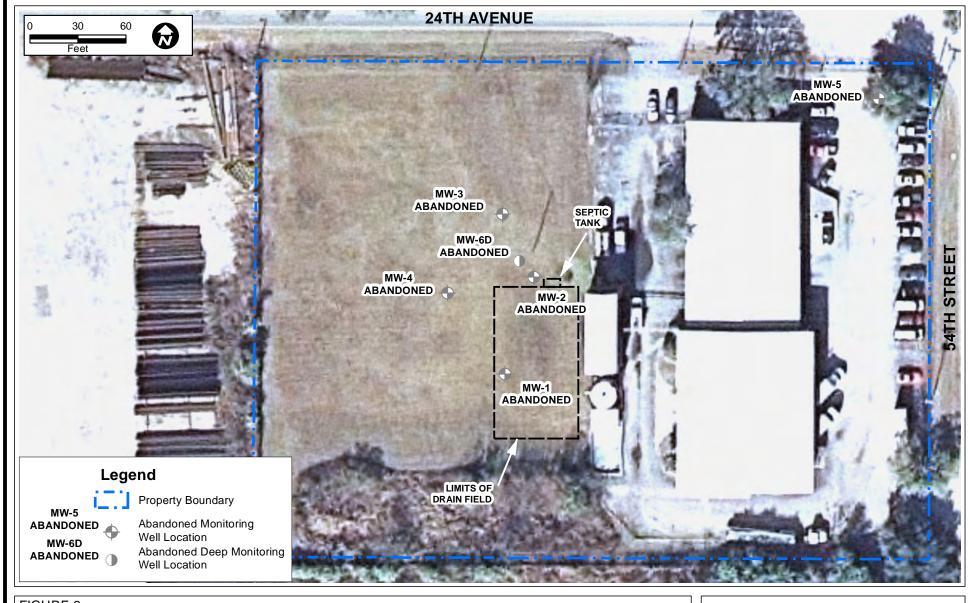


FIGURE 2. ABANDONED MONITORING WELL LOCATION MAP SAFETY-KLEEN TAMPA, FLORIDA

Sources: SWFWMD Aerial Photography 2011; Hillsborough Property Appraiser's Office, 2013; ECT, 2014



# ATTACHMENT 1 FIELD NOTES

	donment ECT DAILY FIELD LOG
5K-ton	I and the second
Project & Task #:	120043-1401 Date: 11-14-14
Time	DAY LOG  Comments
	ut ECT office, lead T-7, offsite to Sofety-Klon
1520	Facilities - Tempe (SK-TPA) - Shek in traffic
838	in site SK-TPA, one Preferred presonal onste. Chal w/ Referred
	Dalling Salutions aroung from Orlando also delayed by Entality account
	on I-4 way from Orlandy Lokeland
905	Perford dollers on site, going over site specific health's Softy Plan
920	meeting- check in all office, get badge, 1925 killing water levels and
	Total Repths of weils to abandon.
950	
	For Photo decomantation. Talking to New SK-TPA manager
	Breaking up concerts pads in grass on MW-60, MW-2, MW-3, MW-4+MW-1
	Beekhy removed concrete pods w/ 20130 sand
1030	Abanding Mw. 5 + remove pad.
1840	Preferred drillers offsite Ett-Kail Mirrison - Talking with new
७५५	SK-TPA facility managent plating him on project
1056	ECT offsik (1115 gottons gas
1125	at EZ+ office, unload T-7, Scan in field notes for well abordenment Report. gale Ban photos + download.
1190	report gale ben photos + download.
1900	Lowel pratures. 11220 complete -5.0 hrs
	Fedt 7 Mark
	•
	·

		<u>ECT</u>	GROUND W	ATER LEVE	L DATA FOR	М		
Project & Task #	#: 120043-1	<b>৭</b> ১ <b>১</b>	FAOI	EUTINFURMATI	ON			
				LEVEL DATA		Date: )	-14-14	
Well #	Tlme	Total Depth	Ref. Elevation	Depth to GW	GW Elevation	Order	Observation (O	
MW-1	934	1194+0.27= 12:21		4.05		4	Observations/Comments	
MW-2	938	11.86+0.27= 12.07		3.97		5		
MW-3	928	11.98 10.27:12.35		2.98		2		
MWY	931	1211+0.27=12.34		2.99		3		
MW-5	945	1),80+0,27:12.07		434				
MW-6D	925	43,00 1.27-48.27		4.82		6		
				1.8 -				
	SIGNED IN				EQUIPMENT	DESCRIPTI	ON & DECONTAMINATION	
easured by:	Ketht. More	San Kan Date:	11-14-14	Desc	cription ID or S/N:			
ecorded by:	Keitht. Mor	nson.) 4 Date:	11-14-14	lj.	December to the total of the tot			
evlewed by:		Date:			edure 4.1.9.1 (Y or	U		

ATTACHMENT 2
PHOTOGRAPHS



**Monitoring Well MW-1 Abandonment** 



**Monitoring Well MW-1 Abandonment Completion (typical)** 



**Monitoring Well MW-2 Abandonment** 



Completed Grouting (Abandonment) of Monitoring Well MW-2 (typical)



**Monitoring Well MW-3 Abandonment** 



**Monitoring Well MW-3 Abandonment Completion** 



**Monitoring Well MW-4 Abandonment** 



**Monitoring Well MW-4 Abandonment Completion** 



**Monitoring Well MW-5 Abandonment Completion** 



**Monitoring Well MW-6D Abandonment** 



**Monitoring Well MW-6D Abandonment Completion** 

## ATTACHMENT 3 WELL COMPLETION REPORTS



le)

Date Stamp Received: Nov 24, 2014 4:33 pm

Southwest     Northwest     St. Johns River     South Florida     Suwannee River	PLEASE, FILL OUT ALL APPLICABLE FIELDS (*Denotes Required Fields Where Applicabl
<ul> <li>□ DEP</li> <li>□ Delegated Authority (</li> </ul>	If Applicable)

1. "Permit Number_839888	ID Number62-524 Delineation No
Number of permitted wells constructed, repaired, or abandoned5     Number	of permitted wells not constructed, repaired, or abandoned3_
3. Owner's Name Safety Kleen Corporation 4. Complete	etion Date 11/14/2014 5. Florida Unique ID
6, 5309 S 24TH AV TAMPA	
*Well Location - Address, Road Name or Number, City, ZIP	
7. "County_HILLSBOROUGH	*Township 29 *Range 19
8. Latitude 27 55 33.30 Longitude 82 23 40.36	<del> </del>
9. Data Obtained From: GPS X Map Survey	Datum:NAD 27X NAD 83WGS 84
10. Type of Work:ConstructionRepairModification XAbandor 11. "Specify Intended Use(s) of Well(s):DomesticLandscape   rrigationBottled Water SupplyRecreation Area IrrigationPublic Water Supply (Limited Use/DOH)Public Water Supply (Community or Non-Community/DEP)Class I Injection Class V Injection:RechargeCommercial/Industrial DisposalAquifer S Remediation:RecoveryAir SpargeOther (Describe)	Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation Site Investigation Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return
X_Other (Describe) PLUGGED	
12. Drill Method:AugerCable ToolRotaryCombinateHorizontal DrillingHydraulic Point (Direct Push)	Ion (Two or More Methods)JettedSonic
13. Measured Static Water Level 4.2 ft. Measured Pumping Water Level 4.1. Measuring Point (Diescribe) Which is ft. 15. Casing Material: Black Steel Galvanized X PVC Stainle 16. Total Well Depth 12.0 ft. Cased Depth 12.0 ft. Open Hole: From Total Well Depth 12.0 ft. Cased Depth 12.0 ft. Total Well Depth 12.0 ft. Total Well Depth 12.0 ft. Cased Depth 12.0 ft. Total Well Depth 12.0 ft. Total Well Depth 12.0 ft. Cased Depth 12.0 ft. Total Well Depth 12.0 ft. T	ft.         After         Hours at         GPM           Above         Below Land Surface         *Flowing:         Yes         No           ess Steel         Not Cased         Other
17.*Abandonment: X Other (Explain) PLUGGED	AND ADDRESS OF THE PROPERTY OF
2"From 0.00         ft.         To 12.00 ft.         No. of Bags         0.26         Seal Material (Check One):           From ft.         To ft.         No. of Bags         Seal Material (Check One):           From ft.         To ft.         No. of Bags         Seal Material (Check One):           From ft.         To ft.         No. of Bags         Seal Material (Check One):           From ft.         To ft.         No. of Bags         Seal Material (Check One):           Seal Material (Check One):         Seal Material (Check One):	Neat Cement Bentonite Other Neat Cement Bentonite Other Neat Cement Bentonite Other
18. Surface Casing Diameter and Depth:  Diain. Fromft. Toft. No. of Bags Seal Material  Diain. Fromft. Toft. No. of Bags Seal Material	(Check One): Neat Cement Bentonite Other (Check One): Neat Cement Bentonite Other
19. Primary Casing Diameter and Depth:  Dia in. From ft. To ft. No. of Bags Seal Material  Dia in. From ft. To ft. No. of Bags Seal Material  Dia in. From ft. To ft. No. of Bags Seal Material  Dia in. From ft. To ft. No. of Bags Seal Material  Dia in. From ft. To ft. No. of Bags Seal Material	(Check One): Neat Cement Bentonite Other
Diain. Fromft. Toft. No. of Bags Seal Material	(Check One): Neat Cement Bentonite Other (Check One): Neat Cement Bentonite Other (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material	(Check One): Neat Cement Bentonite Other (Check One): Neat Cement Bentonite Other (Check One): Neat Cement Bentonite Other
	nical Analysis (When Required):
CentrifugalJetSubmersibleTurbineIron Horsepower Pump Capacity (GPM) Pump Depthft. Intake Depthft.  24. Water Well Contractor:	ppm Sulfateppm Chlorideppm Laboratory TestField Test Kit
*Contractor Name Gregory W Campbell *License Number 2613	E-mail Address chad@pdsflorida.com
*Contractor's Signature Digitally Signed  (I certify that the Information provided in this report is accurate and true.)	er's Name (Print or Type) Trey Creamer

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899

PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

4049 REID STREET, PALATKA, FL 32178-1429

PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999

WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P.O. BOX 24680

3301 GUN CLUB ROAD

WEST PALM BEACH, FL 33416-4680

PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	
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Comments:

Finish: PLUGGED

MW-1

\*Detailed Site Map of Well Location

Z



X Southwest

☐ Suwannee River

□ DEP
□ Delegated Authority (If Applicable)

PLEASE, FILL OUT ALL APPLICABLE FIELDS ("Denotes Required Fields Where Applicable)

Date Stamp

Official Use Only

Received:

Nov 24, 2014 4:33 pm

□Northwest □St. Johns River □South Florida

1. Permit Number 839888 CUPWUP Number	DID Number 62-524 Delineation No
2. Number of permitted wells constructed, repaired, or abandoned5	Number of permitted wells not constructed, repaired, or abandoned3_
	Completion Date 11/14/2014 5. Florida Unique ID
6. 5309 S 24TH AV TAMPA "Well Location - Address, Road Name or Number, City, ZIP	
7. *County HILLSBOROUGH Section 27 Land Grant	Township 29 Range 19
	Township 20 Range 10
8. Latitude 27 55 34.06 Longitude 82 23 40.32  9. Data Obtained From: GPS X Map Survey	Datum: NAD 27 X NAD 83 WGS 84
10.*Type of Work:ConstructionRepairModification X/  11.*Specify Intended Use(s) of Well(s):DomesticLandscape IrrigationBottled Water SupplyRecreation Area IrrigationPublic Water Supply (Limited Use/DOH)Public Water Supply (Community or Non-Community/DEP)Class I Injection Class V Injection:RechargeCommercial/Industrial Disposal/  Remediation:RecoveryAir SpargeOther (Describe)X _ Other (Describe) PLUGGED	Agricultural Irrigation Livestock Monitoring Nursery Irrigation Commercial/Industrial Golf Course Irrigation HVAC Supply HVAC Return
12. "Drill Method:AugerCable ToolRotaryCo	ombination (Two or More Methods)JettedSonic
Horizontal Drilling Hydraulic Point (Dire 13. "Measured Static Water Level 4.2 ft. Measured Pumping Water L 14. "Measuring Point (Describe) Which is 15. "Casing Material: Black Steel Galvanized X PVC 16. "Total Well Depth 12.0 ft. Cased Depth 12.0 ft. "Open Hole: From	ftAboveBelow Land Surface "Flowing:YesNo _Stainless SteelNot CasedOther
X         Other (Explain)         PLUGGED           2"From 0.00         ft.         To 12.00 ft.         No. of Bags 0.26         Seal Material (Check From ft.           From ft.         To ft.         No. of Bags Seal Material (Check Seal Material (Check From ft.         Seal Material (Check	One): Neat Cement Bentonite Other
Fromft. Toft. No. of Bags Seal Material (Check	(One): Neat Cement Bentonite Other (One): Neat Cement Bentonite Other
18. Surface Casing Diameter and Depth:         Diain. Fromft. Toft. No. of Bags Seal Model         Diain. Fromft. Toft. No. of Bags Seal Model	Material (Check One): Neat Cement Bentonite Other Material (Check One): Neat Cement Bentonite Other
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Dia in. From ft. To ft. No. of Bags Seal I	Material (Check One): Neat Cement Bentonite Other  Material (Check One): Neat Cement Bentonite Other  Material (Check One): Neat Cement Bentonite Other
Dia in, From ft. To ft. No. of Bags Seal I	Material (Check One): Neat Cement Bentonite Other  Material (Check One): Neat Cement Bentonite Other  Material (Check One): Neat Cement Bentonite Other
CentrifugalJetSubmersibleTurbine  Horsepower Pump Capacity (GPM)  Pump Depthft. Intake Depthft.	23. Chemical Analysis (When Required):  Ironppm Sulfateppm Chlorideppm Laboratory TestField Test Kit
24. Water Well Contractor:  "Contractor Name Gregory W Campbell "License Number _ 2613"  "Contractor's Signature Digitally Signed  (I certify that the information provided in this report is accurate and true.	*Driller's Name (Print or Type) Trey Creamer

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

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From	and C=0	To	ft.	Color	Grain Size (F, M, C)	Material
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From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
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From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
Fram	ft.	To	ft.	Calor	Grain Size (F, M, C)	Material

Comments:

Finish: PLUGGED

MW-3

Detailed Site Map of Well Location





Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida

PLEASE, FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)

Date Stamp

Received:

Nov 24, 2014 4:33 pm

□ Suwannee River
□ DEP
□ Delegated Authority (If Applicable)

1. Permit Number 839888 *CUP/WUP Number	*DID Number62-524 Delineation No
Number of permitted wells constructed, repaired, or abandoned5	"Number of permitted wells not constructed, repaired, or abandoned3_
	4. *Completion Date 11/14/2014 5. Florida Unique ID
6. 5309 S 24TH AV TAMPA	
*Well Location - Address, Road Name or Number, City, ZIP	
7. *County HILLSBOROUGH *Section 27 Land G	rant*Township29*Range19_
8. Latitude 27 55 33.79 Longitude 82 23 40.48	
Data Obtained From:GPSX_MapSurvey	Datum: NAD 27 X NAD 83 WGS 84
10. Type of Work:ConstructionRepairModification X  11. "Specify Intended Use(s) of Well(s):Landscape Irrigation Bottled Water SupplyRecreation Area Irriga Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP)  Class   Injection Class V Injection:RechargeCommercial/Industrial Disposal Remediation:RecoveryAir SpargeOther (Describe) X_Other (Describe) PLUGGED	tion Livestock Monitoring Nursery Irrigation Test Commercial/Industrial Earth-Coupled Geothermal Golf Course Irrigation HVAC Supply HVAC Return Aquifer Storage and Recovery Drainage
12. Drill Method: Auger Cable Tool Rotary	Combination (Two or More Methods)JettedSonic
Horizontal DrillingHydraulic Point (I	Direct Push) X Other PLUGGED BY APPROVED METHOD
13. Measured Static Water Level 4.2 ft. Measured Pumping Water	
14. Measuring Point (Describe) Which is 15. Casing Material: Black Steel Galvanized X PVC	ft. Above Below Land Surface Flowing: Yes No
15. Casing Material: Black Steel Galvanized A PVC 16. Total Well Depth 12.0 ft. Cased Depth 12.0 ft. Open Hole: Fro	m To ft. "Screen; From To ft. Slot Size
The state of the s	III 10 II. SUREEI, FIOIII 10 II. SIOLSIZE
X         Other (Explain)         PLUGGED           2"From 0.00 ft. To 12.00 ft. No. of Bags 0.26 Seal Material (Cherom ft. To ft. No. of Bags Seal Material (Cherom ft. No. of Bags Seal Material (Cherom ft. To ft. No. of Bags Seal Material (Cherom ft. No. of Bags Seal Material	neck One): Neat Cement Bentonite Other
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21. Telescope Casing Diameter and Depth:  Dia in. From ft. To ft. No. of Bags So Dia in. From ft. To ft. No. of Bags So	eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other
22. Pump Type (If Known):	23. Chemical Analysis (When Required):
Centrifugal Jet Submersible Turbine  Horsepower Pump Capacity (GPM)  Pump Depth ft. Intake Depth ft.  24. Water Well Contractor:	Ironppm Sulfateppm ChlorideppmLaboratory TestField Test Kit
24. Hator How Dorlla dollar	
"Contractor Name Gregory W Campbell "License Number _2	2613 E-mail Address chad@pdsflorida.com

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee) PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

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From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
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From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	Ta	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Calor	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	fL	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Comments: Finish: PLUGGED

MW-4

Detailed Site Map of Well Location

Z

PLEASE, FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)



X Southwest ☐ Northwest

St. Johns River

☐ South Florida ☐ Suwannee River

□DEP
□Delegated Authority (If Applicable)

Date Stamp

Received:

Nov 24, 2014 4:33 pm

Action to the second se		Heldings	
1. *Permit Number_839888	*CUP/WUP Number	*DID Number	62-524 Delineation No
2. Number of permitted wells constru	cted, repaired, or abandoned5	*Number of permitted wells not o	onstructed, repaired, or abandoned3_
3, "Owner's Name Safety Kleen Corp	oration	4. Completion Date 11/14/2014	5. Florida Unique ID
6. 5309 S 24TH AV	TAMPA	A	
*Well Location - Address, Road Na	ame or Number, City, ZIP		
7. *County HILLSBOROUGH	Section 27 Land	Grant	*Township 29 *Range 19
8. Latitude 27 55 33.92			In arrand market
Data Obtained From:GPS			X NAD 83 WGS 84
Type of Work:Construction     Specify Intended Use(s) of Well(sDomesticBottled Water SupplyPublic Water Supply (Limited UsePublic Water Supply (CommunitClass I InjectionRechargeRemediation:RecoveryA XOther (Describe) PLUGGED	): Landscape IrrigationRecreation Area Irri se/DOH) by or Non-Community/DEP)Commercial/Industrial Disposal	Agricultural Irrigati Livestock gation Nursery Irrigation Commercial/Indus Golf Course Irrigat	MonitoringTest trial
12. Drill Method:Auger	Cable ToolRotary	Combination (Two or More Metho	nds) Jetted Sonic
Horizor	ntal DrillingHydraulic Poin	t (Direct Push) X Other PLUGO	GED BY APPROVED METHOD
	4.2 ft. Measured Pumping W	/ater Levelft. After	Hours at GPM
14. Measuring Point (Describe)	Which	risftAboveBelow	Land Surface Flowing:YesNo
		Stainless SteelNot Cas	
		rom To ft. Screen: Fr	romToft_ Slot Size
2"From 0.00         ft.         To 12.00 ft.         No           From ft.         ft.         To ft.         No           From ft.         ft.         To ft.         No           From ft.         To ft.         No           From ft.         To ft.         No           18. Surface Casing Diameter and De	of Bags Seal Material ( Seal M		Bentonite Other Bentonite Other Bentonite Other
19. Primary Casing Diameter and De	pth:		
Dia         in.         From         ft.         Tc	oft. No. of Bags oft. No. of Bags oft. No. of Bags	Seal Material (Check One): Neat Seal Material (Check One): Neat Seal Material (Check One): Neat	Cement Bentonite Other
20. Liner Casing Diameter and Depth Dia in From ft. To Dia in From ft. To	oft. No. of Bags		Cement Bentonite Other Cement Bentonite Other
Diain. Fromft. To	oft. No. of Bags	Seal Material (Check One):Neat	CementBentoniteOther
21. Telescope Casing Diameter and Dia in. From ft. To Diameter and ft. To Diameter	oft. No. of Bags oft. No. of Bags	Seal Material (Check One):Neat	Cement Bentonite Other Cement Bentonite Other Cement Bentonite Other
22. Pump Type (If Known):		23. Chemical Analysis (When Re	equired):
	SubmersibleTurbine apacity (GPM) pthft.		ppm ChlorideppmField Test Kit
*Contractor Name Gregory W Campb	ell *License Number	2613 E-mail Address	chad@pdsflorida.com
*Contractor's Signature Digitally Signature (Leatify that the	ned  Information provided in this report is accurate a	*Driller's Name (Print or Type	Trey Creamer

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899

PHONE: (352) 796-7211 or (800) 423-1476

WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

4049 REID STREET, PALATKA, FL 32178-1429

PHONE: (386) 329-4500 WWW,SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999

WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P.O. BOX 24680

3301 GUN CLUB ROAD

WEST PALM BEACH, FL 33416-4680

PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Comments:

Finish: PLUGGED

MW-2

\*Detailed Site Map of Well Location

Z



Southwest
 Northwest
 St. Johns River
 South Florida

☐ Suwannee River

PLEASE, FILL OUT ALL APPLICABLE FIELDS ("Denotes Required Fields Where Applicable) Date Stamp Received: Nov 24, 2014 4:33 pm

□DEP
□Delegated Authority (If Applicable) \_\_\_

1. "Permit Number 839888 "CUP/WUP N	umber	*DID Number	62-524 Delineatio	n No.
2. Number of permitted wells constructed, repaired, o	rabandoned 5 N	umber of permitted wells	s not constructed, repaired, or	abandoned 3
	4.7			
6, 5309 S 24TH AV	TAMPA			
*Well Location - Address, Road Name or Number,	City, ZIP			
7. *County HILLSBOROUGH *Section	n27 Land Grant_		Township 29	*Range19
A STATE OF THE PROPERTY OF THE	ongitude 82 23 37.48		and the second second	
Data Obtained From: GPS X Map		при	AD 27 X NAD 83	_WGS 84
11. Specify Intended Use(s) of Well(s):	ndustrial DisposalA	AgriculturalLivestockNursery IrrigCommercialGolf Course	Monitoring lation Test /Industrial Earth-Coupl Irrigation HVAC Supp HVAC Retur	ed Geothermal
X Other (Describe) PLUGGED				
			Methods)Jetted PLUGGED BY APPROVED MET	Sonic
13. Measured Static Water Level 4.2 ft. Mea	sured Pumping Water Le Which is	velft. Aft_ _ftAboveE	erHours at_ selow LandSurface *Flowing	GPM
16. Total Well Depth 12.0 ft. Cased Depth 12.0	Albert Albert Control of the Control	and despite to the control of the second first		Slot Size_
17. Abandonment: X Other (Explain) PLUGC 2"From 0.00 ft. To 12.00 ft. No. of Bags 0.26 From ft. To ft. No. of Bags 18. Surface Casing Diameter and Depth: Dia in. From ft. To ft. No. Dia in. From ft. To ft. No.	Seal Material (Check Seal Material (Check Seal Material (Check Seal Material (Check Seal Material (Check Of BagsSeal M	One): Neat Ceme One): Neat Ceme One): Neat Ceme	ent Bentonite Otherst Bentonite Otherst Otherst Otherst	Taller of a
19. Primary Casing Diameter and Depth:  Dia in. From ft. To ft. No.	of Bags Seal M of Bags Seal M of Bags Seal M of Bags Seal M	aterial (Check One): aterial (Check One); aterial (Check One); aterial (Check One); aterial (Check One);	Neat Cement Bentonite	Other Other Other Other Other
Diain. Fromft. Toft. No.	of Bags Seal M	aterial (Check One): aterial (Check One): aterial (Check One):	Neat Cement Bentonite Neat Cement Bentonite Neat Cement Bentonite	Other Other
Dia in From ft. To ft. No.	of Bags Seal M	aterial (Check One): aterial (Check One): aterial (Check One):	Neat Cement Bentonite Neat Cement Bentonite Neat Cement Bentonite	Other Other Other
22. Pump Type (If Known):		3. Chemical Analysis (Wi		7.4
Centrifugal Jet Submersible  Horsepower Pump Capacity (GPM) ft.  Pump Depth ft. Intake Depth ft.  24. Water Well Contractor:	Turbine	ronppm Si	ulfateppm Chlori	deppm
"Contractor Name Gregory W Campbell	*License Number2613	E-mail Ad	dress chad@pdsflorida.com	- Comment
*Contractor's Signature Digitally Signed	This period is operated and firm	*Driller's Name (Print o	or Type) Trey Creamer	

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL,US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee) PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49 LIVE OAK, FL 32060 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft,	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	The state of the s
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color		Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft	To	ft	Color	Grain Size (F, M, C)	Material
From	ft	To	ft	Color	Grain Size (F, M, C)	Material
From	ft	To	- H	Color	Grain Size (F, M, C)	Material
rom	ft	To	ft.	Color	Grain Size (F, M, C)	Material
rom	ft	To	- A	Color	Grain Size (F, M, C)	Material
rom	ft	To	4	Color	Grain Size (F, M, C)	Material
rom	ft	To	H.	the section .	Grain Size (F, M, C)	Material
rom	ft	To		Color_	Grain Size (F, M, C)	Material
rom	- 11	To	ft.	Color_	Grain Size (F, M, C)	Material
TSell1	-	10	ft.	Color	Grain Size (F, M, C)	Material

Comments:

Finish: PLUGGED

MW-5

\*Detailed Site Map of Well Location





Date Stamp Received: Nov 24, 2014 4:40 pm

IX Southwest  □ Northwest	PLEASE, FILL OUT ALL APPLICABLE FIELDS ("Denotes Required Fields Where Applicable)
☐St. Johns River	300000000000000000000000000000000000000
South Florida Suwannee River	
□DEP □Delegated Authority	(If Applicable)

*Permit Number_839889 *CUP/WUP Number_	*DID Number62-524 Delineation No
*Number of permitted wells constructed, repaired, or abandoned1	"Number of permitted wells not constructed, repaired, or abandoned1_
*Owner's Name Safety Kleen Corporation	
5309 S 24TH AV TAMPA	
"Well Location - Address, Road Name or Number, City, ZIP	20 27 19
"County HILLSBOROUGH "Section 27 Land G	
Latitude 27 55 33.99 Longitude 82 23 40.41	Datum: NAD 27 X NAD 83 WGS 84
. Data Obtained From: GPS X Map Survey	
D.*Type of Work:ConstructionRepairModification X  I.*Specify Intended Use(s) of Well(s):Landscape IrrigationRecreation Area IrrigationRecreation Area IrrigationRecreation Area IrrigationRecreation Area IrrigationRecreation Area IrrigationRechargeCommunity/DEP)  Class I InjectionRechargeCommercial/Industrial DisposalRecoveryAir SpargeOther (Describe)RecoveryAir SpargeOther (Describe)RecoveryAir SpargeOther (Describe)RecoveryAir SpargeOther (Describe)RecoveryAir SpargeOther (Describe)	Agricultural Irrigation Site Investigation Livestock Monitoring Test Commercial/Industrial Earth-Coupled Geothermal Golf Course Irrigation HVAC Supply HVAC Return
X Other (Describe) PLUGGED	
Horizontal Drilling Hydraulic Point	Stainless Steel Not Cased Other
0)110050	William Committee Committe
2"From 0.00 ft.         To 46.00 ft.         No. of Bags         0.94         Seal Material (C           From ft.         To ft.         No. of Bags         Seal Material (C           From ft.         To ft.         No. of Bags         Seal Material (C           From ft.         To ft.         No. of Bags         Seal Material (C           From ft.         To ft.         No. of Bags         Seal Material (C           Seal Material (C         Seal Material (C         Seal Material (C	Check One): Neat Cement Bentonite Other
Dia in From ft To ft No of Bags Dia in From ft To ft No of Bags	Seal Material (Check One): Neat Cement Bentonite Other
Dia in From ft To ft No of Bags	Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other
Dia From # To # No of Bags	Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other
22. Pump Type (If Known):  Centrifugal  Jet Submersible Turbine  Horsepower Pump Capacity (GPM)  Pump Depth ft. Intake Depth ft.	Chemical Analysis (When Required):     Ironppm
24. Water Well Contractor:  "Contractor Name Gregory W Campbell"  "License Number	2613 E-mail Address chad@pdsflorida.com
"Contractor's Signature Digitally Signed	"Driller's Name (Print or Type) Trey Creamer

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

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From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	fl.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft,	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Comments:

Finish: PLUGGED

MW-6D

\*Detailed Site Map of Well Location

Z