Paulette Satterley 14601 Guadalupe Dr. Rancho Murieta, CA 95683

Mr. Mark Detterman, PG, CEG Alameda County Environmental Health Services 1131 Harbor Bay Parkway Alameda, CA 94502

RECEIVED By Alameda County Environmental Health 9:18 am, Feb 15, 2017

Site: City of Paris Cleaners 3516 Adeline St. Oakland, CA 94608 Fuel Leak Case No RO0000133 Global ID T0600100379

Re: Report of Well Abandonment

Enclosed please find the *Report of Well Abandonment* for the aforementioned Site. This report documents the destruction of the three monitoring wells and one industrial well as your office requested in a May 6, 2016 directive. This work was conducted by Taber / Crawford & Associates, Inc.

It is my understanding that this concludes all required activities at the Site, and that your office will issue a letter of No Further Action Required.

Thank you for your prompt attention to this matter.

Paulette Satterley

Paulette Satterley



Corporate Office: 1100 Corporate Drive, Suite 230 | Sacramento, CA 95831 | (916) 455-4225 Modesto: 1165 Scenic Drive, Suite B | Modesto, CA 95350 | (209) 312-7668 Pleasanton: 6200 Stoneridge Mall Road, Suite 330 | Pleasanton, CA 94588 | (925) 401-3515 Rocklin: 4220 Rocklin Road, Suite 1 | Rocklin, CA 95677 | (916) 455-4225 Ukiah: 100 North Pine Street | Ukiah, CA 95482 | (707) 240-4400

File No. 2011-0107 February 12, 2017

Mr. Mark Detterman, PG, CEG Alameda County Environmental Health Services 1131 Harbor Bay Parkway Alameda, CA 94502

Subject:Report of Well AbandonmentCity of Paris Cleaners, 3516 Adeline Street, Oakland, CA 94608

Dear Mr. Detterman,

Paulette Satterley (responsible party) has contracted Taber / Crawford & Associates, Inc. (CAInc) to abandon monitoring and industrial wells, as well as prepare this report for the subject site (Figures 1 and 2). The purpose of this work was to meet the requirements for case closure for the underground storage tank investigation that was conducted at this site.

FIELDWORK

Prior to fieldwork, CAInc obtained well abandonment permits from Alameda County Health Services (permits enclosed). In total, CAInc oversaw the proper abandonment of the three monitoring wells and one industrial well.

The following section presents field procedures and volumes of grout used. All activities were completed in compliance with California State Department of Water Resources Bulletin 74-81.

Pressure Grouting

On November 1, 2017, Doulos Environmental (a C-57 Licensed Contractor) was onsite to begin pressure grouting the four wells. Prior to pressure grouting the wells, the volume of grout needed to displace the pore space in the sand pack, and the volume of the casing was calculated. The wells were abandoned in place by pressure grouting with a neat cement slurry. The grout was placed with a tremmie hose from the bottom of the well to the surface. If necessary, additional grout was added.

The upper five feet of the casing was removed and replaced with clean, compacted fill. Well covers were removed and replaced with like-material to match the surrounding area. The top of the industrial well was concreted.



Waste generated from the well destruction (PVC casing, concrete, & Christy box) were not impacted and therefore disposed of with general construction debris. Waste disposal documentation is presented in Appendix C.

DISTRIBUTION

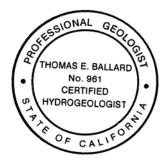
A copy of this report is being sent to:

Ms. Paulette Satterly 14601 Guadalupe Dr. Rancho Murieta, CA 95683 Ivsnoopy@calweb.com

Sincerely, Crawford & Associates, Inc.,

Tho E BALL

Thomas E. Ballard, PG, CHG Hydrogeologist



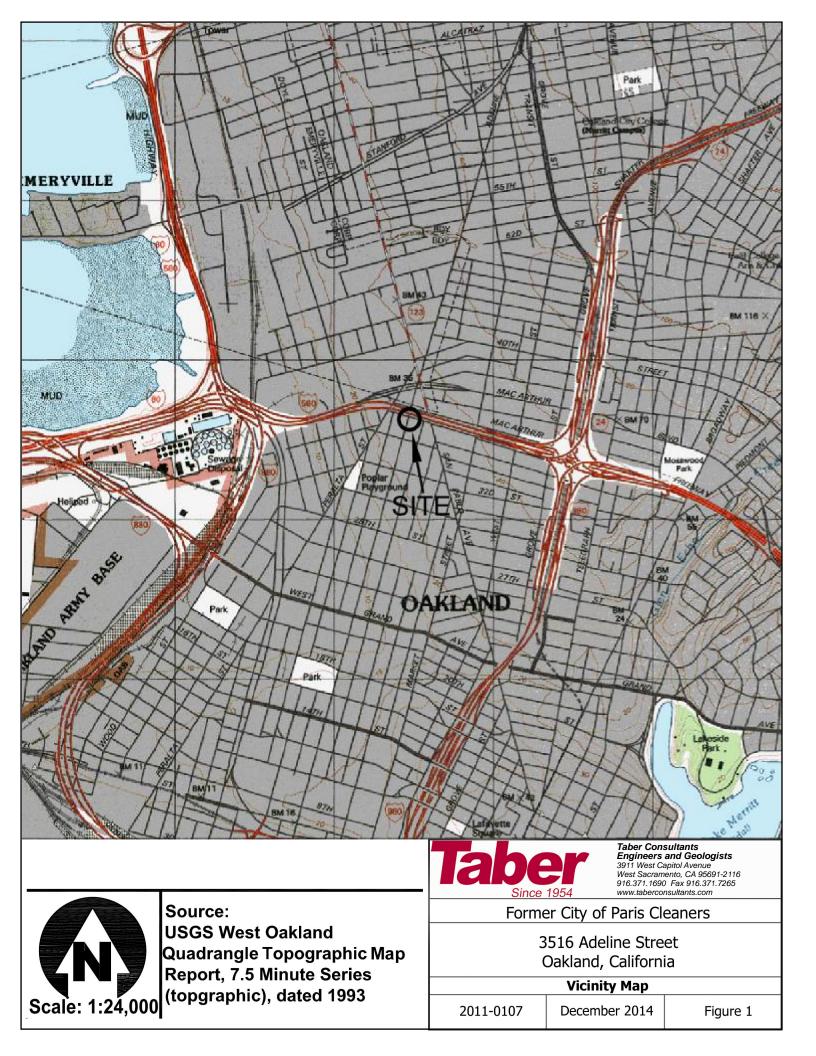
- Figure 1: Site Vicinity Map
- Figure 2: Generalized Site Map
- Attachment A: Alameda County Well Destruction Permits
- Attachment B: Well Completion Report
- Attachment C: Waste Disposal

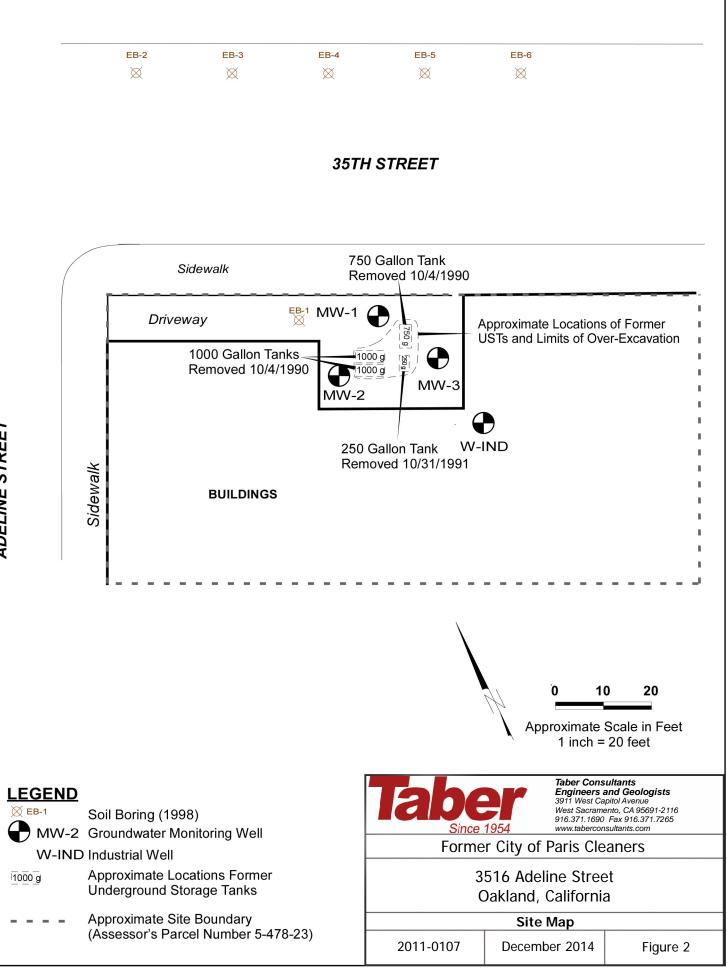


FIGURES

Figure 1: Site Vicinity Map Figure 2: Generalized Site Map







ADELINE STREET

ATTACHMENT A

Alameda County Well Destruction Permits



Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street Hayward, CA 94544-1395 Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/29/2016 By jamesy

Permit Numbers: W2016-0460 to W2016-0463 Permits Valid from 07/07/2016 to 07/07/2016

Application Id: Site Location:	1466790379796 3516 Adeline Street	City of Project Site: Oakland					
Project Start Date: Assigned Inspector:	07/07/2016	Completio (510) 670-5760 or Marcelino@ac	on Date:07/07/2016 pwa.org				
Applicant:	Doulos Environmental Inc - Hal PO Box 2559, Orangevale, CA		Phone: 916-990-0333	3			
Property Owner:	Stephen & Debra Runyon 3516 Adeline, Oakland, CA 94		Phone: 510-301-1280)			
Client:	Tom Crawford & Associates 1100 Corporate Way, Suite 230		Phone: 916-761-3700)			
		Total Due:		\$1588.00			

	Total Due:	\$1588.00
Receipt Number: WR2016-0322	Total Amount Paid:	\$1588.00
Payer Name : Stacie Allensworth	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 3 Wells

Driller: Doulos Environemental, Inc. - Lic #: 730042 - Method: press

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2016- 0460	06/29/2016	10/05/2016	MW-1	8.00 in.	2.00 in.	8.00 ft	29.50 ft			
W2016-	06/29/2016	10/05/2016	MW-2	8.00 in.	2.00 in.	8.00 ft	29.50 ft			
0461 W2016-	06/29/2016	10/05/2016	MW-3	8.00 in.	2.00 in.	8.00 ft	29.50 ft			
0462										

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

Work Total: \$1191.00

Alameda County Public Works Agency - Water Resources Well Permit

4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

8. Remove the Christy box or similar structure. Pressure Grout with Cement (Less than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

10. Remove well by excavation. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

11. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

12. Remove the Christy box or similar structure. Tremie Grout with Cement (More than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

Well Dest	truction-Wat	er Supply -	1 Wells										
Driller: DO	Driller: DOULOS ENVIRONMENTAL INC - Lic #: 730042 - Method: tremi												
Specification	ons												
Permit #	Issued Date	Expire Date	Owner Well	Hole Diam.	•	Seal Depth	Max. Depth	State Well #	0	DWR #			
			ld		Diam.				Permit #				
W2016-	06/29/2016	10/05/2016	W-IND	12.00 in.	10.00 in.	42.00 ft	72.65 ft						
0463													
Specific	Work Perm	it Conditio	ns										

Alameda County Public Works Agency - Water Resources Well Permit

1. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days, including permit number and site map.

2. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

3. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

4. The sealing material shall be a neat cement mixture composed one sack of portland cement (94 lbs.) to five to seven gallons of clean water, or a sand-grout mixture with a minimum of eleven sacks of portland cement per cubic yard. The sand-grout mixture must be delivered by a cement-batch plant; mixing of sand-grout mixture on site will not be allowed. The sealing material in all cases shall be placed by means of a tremie pipe lowered to within three feet of the bottom of the well. The sealing material shall be lowered down through the tremie pipe and placed in one continuous operation until the specified interval or well is filled. The end of the tremie pipe shall remain submerged in the sealing material at all times during placement.

5. Cement grout shall be placed by Tremie pipe. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

ATTACHMENT B

Well Completion Report WCR2017-000052-53, 55, & 57



Well Completion Report

Owner's Well Numbe		ite Work Began		Date Work Ended 11/01/2016
Local Permit Agency Secondary Permit Ag		ources Section ermit Number	W2016-0460	Permit Date
	Dwner (must remain confidential pursuant n Runyon 3516 Adeline Street State	to Water Code		Former Use Activity Destroy Former Use Monitoring
		Well Loca	tion	
City Oakland Latitude Deg.	Horizontal Datum	·	Bacc. W Ra Sec. Ba Gr Ele	ALA-005-047802300 wnship 01 S ange 04 W action 22 aseline Meridian Mount Diablo ound Surface Elevation evation Accuracy evation Determination
	Borehole Information		Water	Level and Yield of Completed Wall
Drilling Method Total Depth of Bor Total Depth of Cor Destruction Deta Pressure grout; ren	npleted Well Feet	fy	Depth to first wate Depth to Static Water Level Estimated Yield* Test Length *May not be repre	er(Feet below surface) (Feet) Date Measured Test Type Total Drawdown(Feet) sentative of a well's long term yield.
Other Observation	ons:			
Depth from Surface Feet to Feet	Borehole Specifications Borehole Diameter (inches)	Name	, certify that this report is comp	ORANGEVALE CA 95662 City State Zip 01/09/2017 730042
	Attachments			DWR Use Only
City of Paris Locati	on & Site Maps.pdf - Location Map		Site Nu	mber / State Well Number

						Ν								w	
Latitude Deg/Min/Sec								Lo	ngit	ude	Deg/	Min/	Sec		
TRS	:														
APN	:														

Well Completion Report

Owner's Well Number		e Work Began	Date Work Ended 11/01/2016
Local Permit Agency Secondary Permit Ag	, ,	ermit Number	W2016-0461 Permit Date
	Owner (must remain confidential pursuant t n Runyon 3516 Adeline St	o Water Cod	de 13752) Former Use Activity Destroy Former Use Monitoring
City Oakland	State	CA Zi	Zip <u>94608</u>
		Well Loca	ation
City Oakland Latitude Deg.	Horizontal Datum	·	APN ALA-005-047802300 Township 01 S Sec. W Q4 W Section 22 Baseline Meridian Mount Diablo Ground Surface Elevation Elevation Accuracy Elevation Determination Method
	Borehole Information		Water Level and Yield of Completed Wall
Drilling Method Total Depth of Bor Total Depth of Cor Destruction Deta	npleted Well Feet	y	Depth to first water (Feet below surface) Depth to Static
Other Observation	ons:		
Depth from	Borehole Specifications	I, the undersigned	Certification Statement ned, certify that this report is complete and accurate to the best of my knowledge and belief
Surface Feet to Feet	Borehole Diameter (inches)	Signed	DOULOS ENVIRONMENTAL INC Person, Firm or Corporation CA 95662 P O BOX 2559 ORANGEVALE CA 95662 Address City State Zip C-57 Licensed Water Well Contractor Date Signed C-57 License Number
	Attachments		DWR Use Only
City of Paris Locati	on & Site Maps.pdf - Location Map		Site Number / State Well Number

						Ν								w	
Latitude Deg/Min/Sec								Lo	ngit	ude	Deg/	Min/	Sec		
TRS	:														
APN	:														

Well Completion Report

Owner's Well Number		e Work Began	Date Work Ended 11/01/2016
Local Permit Agency Secondary Permit Ag		ermit Number	W2016-0462 Permit Date
	Dwner (must remain confidential pursuant t n Runyon 3516 Adeline St State		Image: decision of the sector of the sect
		Well Loca	cation
City Oakland Latitude Dec. Lat. 37.82 Vertical Datum Location Accuracy	Horizontal Datum Location Determination Method Borehole Information tical Specif	. Min. 122.2796189 WGS84	APN ALA-005-047802300 Township 01 S Range 04 W Section 22 Baseline Meridian Mount Diablo Ground Surface Elevation Elevation Accuracy Elevation Determination Method Water Level and Yield of Completed Wall Depth to first water(Feet below surface) Depth to Static
Drilling Method Total Depth of Bori Total Depth of Con Destruction Deta Pressure grout; ren Other Observatio	npleted Well Feet ails: nove upper portion of casing		Water Level (Feet) Date Measured Estimated Yield* Test Type Test Length Total Drawdown (Feet) *May not be representative of a well's long term yield. (Feet)
	Borehole Specifications		Certification Statement
Depth from Surface Feet to Feet	Borehole Diameter (inches)	Name	Person, Firm or Corporation ORANGEVALE CA 95662 Address City State Zip 01/09/2017 730042 C-57 Licensed Water Well Contractor Date Signed C-57 License Number
	Attachments		DWR Use Only
City of Paris Location	on & Site Maps.pdf - Location Map		Site Number / State Well Number

						Ν								w	
Latitude Deg/Min/Sec								Lo	ngit	ude	Deg/	Min/	Sec		
TRS	:														
APN	:														

Well Completion Report

Owner's Well Numbe		te Work Began		Date Work Ended 11/01/2016					
Local Permit Agency Secondary Permit Ag		ermit Number	W2016-0463	Permit Date					
Well	Owner (must remain confidential pursuant	to Water Cod	le 13752)	Former Use					
	n Runyon			Activity Destroy					
Mailing Address	3516 Adeline St			Former Use Water Supply					
City Oakland	State	CA 7	in 04608						
City Oakland	State	CA Z	ip <u>94608</u>						
		Well Loca	ation						
Address 3516	Adeline ST		A	PN ALA-005-047802300					
City Oakland	Zip 94608 Count	ty Alameda	ownship 01 S						
Latitude	N Longitude		WR	Range 04 W					
Deg.	Min. Sec. Deg	g. Min.	Sec.	Section 22					
Dec. Lat. 37.82	265570 Dec. Long.	-122.2796189		Baseline Meridian Mount Diablo					
Vertical Datum	Horizontal Datum	WGS84		Ground Surface Elevation					
Location Accuracy	Location Determination Method			Elevation Accuracy					
	Borehole Information		Water	· Level and Yield of Completed Wall					
Orientation Ver	tical Speci	fy	Depth to first wat						
Drilling Method	Drilling Fluid		Depth to Static						
2 milling mound	2		Water Level (Feet) Date Measured						
Total Depth of Bor	ing Feet		Estimated Yield*						
	-		Test Length	Total Drawdown (Feet)					
Total Depth of Cor	npleted Well Feet		*May not be repr	esentative of a well's long term yield.					
Destruction Deta Pressure grout; ren	ails: nove upper portion of casing								
Other Observation	ons:								
	Borehole Specifications		Ce	rtification Statement					
Depth from		I, the undersigne	d, certify that this report is corr	nplete and accurate to the best of my knowledge and belief					
Surface	Borehole Diameter (inches)	Name	l	DOULOS ENVIRONMENTAL INC					
Feet to Feet			Person, Firm or Corpo						
			P O BOX 2559	ORANGEVALE CA 95662					
			Address	City State Zip					
		Signed		01/09/2017 730042					
			C-57 Licensed Water We	Il Contractor Date Signed C-57 License Number					
	Attachments			DWR Use Only					
City of Paris Locati	on & Site Maps.pdf - Location Map								
		LL	Site N	umber / State Well Number					
		1							

						Ν								w	
Latitude Deg/Min/Sec								Lo	ngit	ude	Deg/	Min/	Sec		
TRS	:														
APN	:														

ATTACHMENT C

Waste Disposal



NON-HAZARDOUS WASTE TRANSPORT FORM

GENERATOR	CUSTOMER			
Name: <u>Taber/Crawford – City of Paris</u> Address: <u>3516 Adeline St</u> <u>Oakland, CA</u> Phone:	Name: <u>DOULOS ENVIRONMENTAL</u> Address: <u>P.O. BOX 2559</u> <u>ORANGEVALE, CA</u> Phone: <u>916 990 0333</u>			
DESCRIPTION				
Description of Material : Waste from system	m removal and well abandonment			
Volume/Weight: <u>168</u> Units	s: _pounds Container(s): _loose			
Generator/Authorized Agent : Hat Ha	insen 2 Jal Haman 12/2/16 Sign Date			
TRANSPORTER				
Name: DOULOS ENVIRONMENTAL Address: P.O. BOX 2559 ORANGEVALE, CA Phone: 916 990 0333	Job No: <u>Taber/Crawford – City of Paris</u> Truck ID: Driver: Job Date Date			
DISPOSAL FACILITY				

KIEFER LANDFILL FACILITY HOURS: MON-FRI 6:30 AM-4:30 PM SAT-SUN 8:30 AM-4:30 PM INFORMATION: 916-875-5555

Weighed: 1024802 Deposit: 1003368 BILL TO: 10 CREDIT CARD TRANSACTIONS

,

HAULER: CASH CUSTOMER Vehicle ID: Reference: WTF3504D Grid: M-1L REMARK: 61809G1

Ostains	FOLSOM, CIT	Y OF		
Origin:	12/02/2016	TIME	ĩN:	12:55:34
DATE IN:	12/02/2010	1110	0.17	12.22.37
DATE OUT:	12/02/2016	11ME	001.	10.20.01

INBOUND TICKET Number: 02-16117707

SCALE 1 GROSS WT.	20640 LB
SCALE 2 TARE WT.	12740 LB
NET WEIGHT	7900 LB
Qty Description	Amount
3.95 Normal Refuse	118.50
TICKET AMOUNT:	118.50
AMT. TENDERED:	118.50
CHANGE AMOUNT:	0.00
CARD/AUTH V09857G	118.50

X