Hooshang Hadjian 2108 San Ramon Valley Blvd. San Ramon, CA 94583

Mr. Dilan Roe Alameda County Health Care Services Agency Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

RECEIVED

By Alameda County Environmental Health 9:07 am, Aug 22, 2016

Re: Dublin Auto Wash

7240 Dublin Boulevard Dublin, California ACHCSA Case No. 304

Dear Mr. Roe:

I, Mr. Hooshang Hadjian, have retained Pangea Environmental Services, Inc. (Pangea) as the environmental consultant for the project referenced above. Pangea is submitting the attached report on my behalf.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report is true and correct to the best of my knowledge.

Sincerely,

Hooshang Hadjian

Hashong Hadion



March 29, 2016

Mr. Jerry Wickham Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

Re: Well Destruction Report

Dublin Auto Wash 7240 Dublin Boulevard Dublin, California ACEH Case No. 304

Dear Mr. Wickham:

On behalf of Mr. Hooshang Hadjian, Pangea Environmental Services, Inc., has prepared this *Well Destruction Report* for the subject site. This report describes the destruction of twenty-one onsite monitoring wells and two offsite monitoring wells. Monitoring well destruction was requested as part of site closure by Alameda County Environmental Health (ACEH) in a letter dated September 8, 2015.

If you have any questions or comments, please call me at (510) 435-8664 or email briddell@pangeaenv.com.

Sincerely,

Pangea Environmental Services, Inc.

Bob Clark-Riddell, P.E. Principal Engineer

Attachment: Well Destruction Report

cc: Mr. Hooshang Hadjian, 2108 San Ramon Valley Blvd, San Ramon, CA 94583

Ms. Ellie Lange (electronic copy)

Mallik (electronic copy)

SWRCB Geotracker (electronic)



WELL DESTRUCTION REPORT

Dublin Auto Wash 7240 Dublin Boulevard Dublin, California

March 29, 2016

Prepared for:

Mr. Hooshang Hadjian 2108 San Ramon Valley Blvd San Ramon, CA 94583

Prepared by:

Pangea Environmental Services, Inc. 1710 Franklin Street, Suite 200 Oakland, California 94612

Written by:

Elizabeth Avery Staff Geologist Bob Clark-Riddell, P.E.
Principal Engineer

INTRODUCTION

On behalf of Mr. Hooshang Hadjian, Pangea Environmental Services, Inc., has prepared this *Well Destruction Report* for the subject site. This report describes the destruction of twenty-one onsite monitoring wells and two offsite monitoring wells. Monitoring well destruction was requested as part of site closure by Alameda County Environmental Health (ACEH) in a letter dated September 8, 2015 (Appendix A).

SITE BACKGROUND

The Dublin Auto Wash retail gasoline station is located at the southwest corner of Dublin Boulevard and Village Parkway in Dublin, California (Figure 1). Currently, there are three 10,000-gallon underground storage tanks (USTs) and a carwash at the site. Land use immediately surrounding the station is commercial.

WELL DESTRUCTION

On December 15 through 18, 2015, Pangea coordinated the destruction of twenty-one onsite monitoring wells (DPE-1, DPE-2, MW-1, MW-2, MW-3A, MW-6A, MW-6B, MW-6C, MW-7AA, MW-7A, MW-7B, MW-7C, MW-8A, MW-9A, MW-9C, MW-10A, MW-10C, MW-11C, and VW-1 through VW-3) and two offsite monitoring wells (MW-4 and MW-5). Eighteen of the twenty-three monitoring wells were destroyed by pressure-grouting, and the remaining five (DPE-1, DPE-2, MW-3A, MW-7AA, MW-7A) wells were tremiegrouted due to their large diameter (4 inches). The weight of the grout in a well this size is greater than 25 pounds per square inch (psi), so pressure-grouting is unnecessary. This procedure was approved by Zone 7 Water Agency. Well locations are shown on Figure 2.

Well Destruction Activities

A comprehensive Site Safety Plan was prepared to protect site workers, and the plan was kept onsite during all field activities. Well destruction permits were obtained from Zone 7 Water Agency and an encroachment permit was obtained from the City of Dublin. Copies of the permits are presented in Appendix B. The proposed drilling locations were marked and Underground Service Alert was notified at least 72 hours before the proposed field activities.

Pangea retained Cascade Drilling (Cascade) of Richmond, California, to conduct well destruction activities. All wells were gauged for depth to water and total well depth prior to tremie-grouting. A casing extension was placed on the well to allow collection of displaced groundwater and Portland cement was placed into the well through a tremie pipe positioned at the bottom of the well. After the well was filled with cement, a well cap and a water-tight fitting was attached to the top of the well casing. A minimum of 25 pounds per square inch

1

Well Destruction Report 7240 Dublin Blvd. March 29, 2016

(psi) of pressure was applied and maintained for five minutes. (Wells DPE-1, DPE-2, MW-3A, MW-7AA, and MW-7A were not pressure grouted because the grout weight for these larger diameter wells (4 inches) provides greater than 25 psi.) Then the well box was removed. Neat cement was then poured into the

borehole to a depth of approximately 1 ft below grade surface (bgs) and the surface was restored with concrete.

The drilled out well construction materials were stored in 55-gallon DOT-rated drums. Pangea is coordinating disposal at an appropriate facility. All investigation derived materials will be properly managed and removed from the site.

CLOSING

Pangea understands that the Regional Water Quality Control Board (RWQCB) will now issue formal regulatory case closure.

ATTACHMENTS

Figure 1 – Vicinity Map

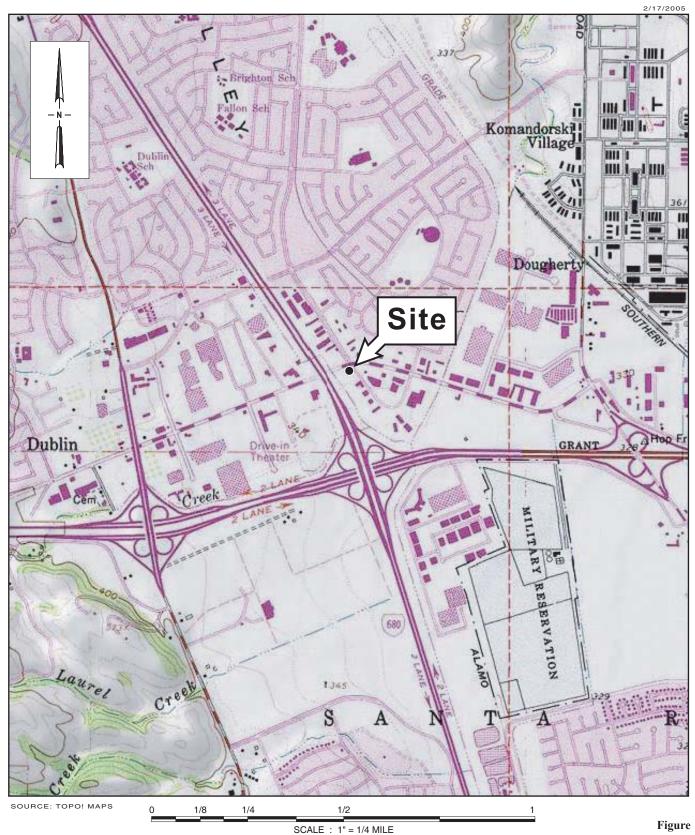
Figure 2 – Well Location Map

Appendix A – Agency Correspondence

Appendix B – Permits

Appendix C – Waste Manifests (not yet available)

2

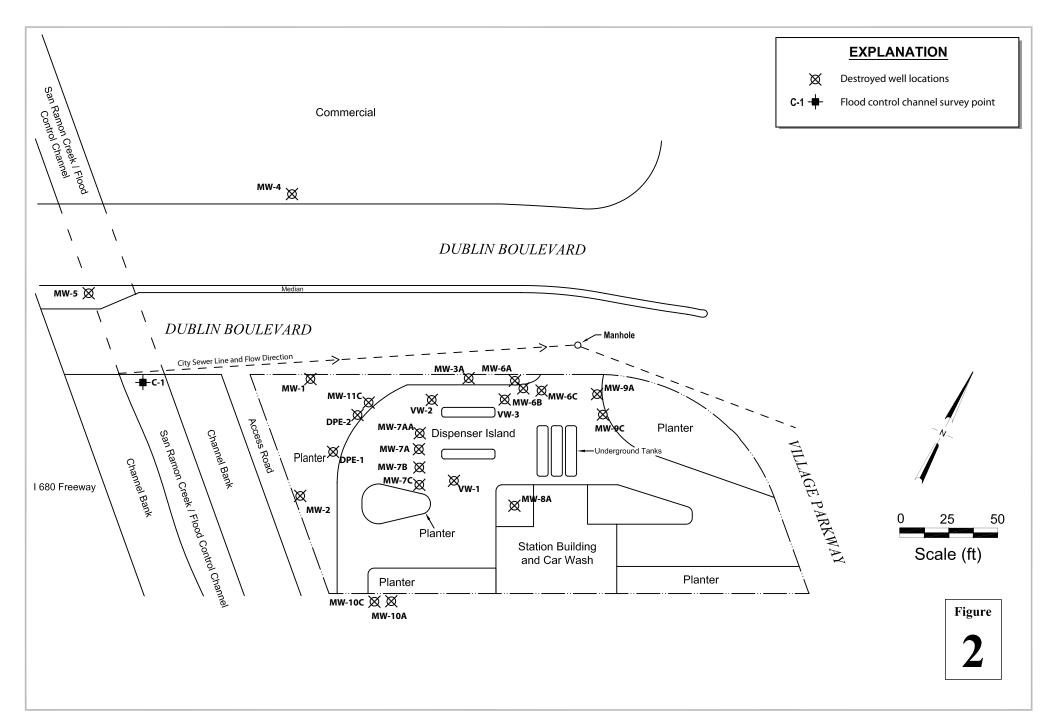


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Dublin Auto Wash 7240 Dublin Boulevard Dublin, California



Site Location Map







APPENDIX A

Agency Correspondence

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY



ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

September 8, 2015

Hooshang Hadjian Dublin Auto Wash 1821 Castle Gate Road Walnut Creek, CA 94595 The Lange Trust c/o Lange Enterprises 6500 Dublin Blvd., Suite 202 Dublin, CA 94568

(Sent via E-mail to: ellielange@aol.com)

Carryl MacLeod
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via E-mail to: cmacleod @chevron.com)

Subject: Well Destruction for Fuel Leak Case No. RO0000304 and GeoTracker Global ID T0600100355, Chevron #9-2582, 7240 Dublin Boulevard, Dublin, CA 94568

Dear Mr. Hadjian, Ms. MacLeod, and Lange Trust:

Alameda County Environmental Health (ACEH) staff have reviewed the fuel leak case file for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. No comments were received on the proposed case closure during a public comment period that ended September 4, 2015. Please destroy the monitoring wells and provide documentation of the well destruction and waste disposal to this office no later than December 17, 2015. Remedial action completion certification will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Zone 7 Water Agency (http://www.zone7water.com). If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Jerry Wickham), and to the State Water Resources Control Board's GeoTracker website according to the following schedule and file-naming convention:

December 17, 2015 – Well Destruction Report
 File to be named: WELL_DCM_R_yyyy-mm-dd RO304

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Responsible Parties RO0000304 September 8, 2015 Page 2

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Case files can be reviewed online at the following website: http://www.acgov.org/aceh/index.htm. As your email address does not appear on the cover page of this notification ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Sincerely,

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental
Health, ou, email=jerry.wickham@acgov.org, c=US
Date: 2015.09.08 18:40:13 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297

Senior Hazardous Materials Specialist

Well Destruction Fact Sheeet Attachments:

Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (Sent via E-mail to: cwiney@zone7water.com)

Robert Clark-Ridell, Pangea, 1710 Franklin Street, Suite 200, Oakland, CA 94612 (Sent via E-mail to: BRiddell@pangeaenv.com)

Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile

APPENDIX B

Permits

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ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306 E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE
Dublin Blvd,
Coordinates Source ft. Accuracy ft. LAT: 37, 7/ fl. LONG: -/21, 9 Z ft. APN 941-1401-19
CLIENT Name Hooshang Hadiian Address 1821 Cartle Gate Road Phone City Walnut Creek Zip 94595
APPLICANT Name Langea Environmental Services Inc. Email Cavery Opangeaenv. (om Fax 510-836-3709 Address 1710 Franklin St # 200 Phone 510-836-3700 City Oakland Zip 99612
TYPE OF PROJECT: Weil Construction Geotechnical Investigation Weil Destruction Contamination Investigation Cathodic Protection Other
PROPOSED WELL USE: Domastic Irrigation Municipal Remediation Industrial Groundwater Monitoring Dewatering Other
DRILLING METHOD: Mud Rotary Cable Tool Direct Push DRILLING COMPANY Cascade Drilling The street Richmond 94804
DAILLER'S LICENSE NO. 438110
WELL SPECIFICATIONS: See attached Drill Hole Diameter in. Maximum Casing Diameter in. Depthft. Surface Seal Depth ft. Number
SOIL BORINGS: Number of Borings Maximum Hole Diameter in. Depth ft.
ESTIMATED STARTING DATE December 1, 2015 ESTIMATED COMPLETION DATE December 18, 2015
I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANTS Date 11/4/15

FOR	OFF	CE	USE
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PERMIT NUMBER	2015154	
WELL NUMBER_	see attached	
APN	941-1401-019-00	

PERMIT CONDITIONS (Circled Permit Requirements Apply)

A.) GENERAL

- A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
- Submit to Zone 7 within 60 days after completion of permitted work the original <u>Department of Water Resources Water Well</u> <u>Original Department of Water Resources Water Well</u>
- 3. Permit is void if project not begun within 90 days of approval
- 4. Notify Zone 7 at least 24 hours before the start of work.

B. WATER SUPPLY WELLS

- Minimum surface seal diameter is four inches greater than the well casing diameter and six inches for public wells.
- Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
- 3. Grout placed by tremie.
- An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
- A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

- Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
- Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
- 3. Grout placed by tremie.
- D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.
- CATHODIC. Fill hole above anode zone with concrete placed by tremie.
- (F.) WELL DESTRUCTION. See attached.
- G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Date 12/10/15



CITY OF DUBLIN **Public Works**

Permit No.: PWEN-2015-00167

Application Date: 12/04/2015

Issue Date: 12/04/2015

Permit Type: PW ENCROACHMENT PERMIT

Inspection Requests Require 24 Hour Notice

BLD (925) 833-6620

FIRE (925) 833-6606

PUBLIC WORKS (925) 833-6630

Site Address:

7240 DUBLIN BLVD

DUBLIN CA 94568-2455

Parcel / APN: 941-1401-019-00

Owner: Address: CITY OF DUBLIN - PUBLIC WORKS

100 CIVIC PLZ

DUBLIN CA 94568-2658

Phone: (925) 833-6630

Fax: (925) 829-9248

Contractor: Address:

PANGEA ENVIRONMENTAL SERVICES IN

1710 FRANKLIN ST

SUITE 200

OAKLAND, CA 94612 **BOB CLARK-RIDDELL** Phone: (510) 836-3700

Fax: (510) 836-3709 Lic. Exp. Date: 09/30/2016

Business Lic#: BL-109280

Phone: (510) 836-3700

Description:

Contact:

Destruction of two (2) groundwater monitoring wells (MW-5 and MW-4).

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2

**Conditions: Work hours permitted from 6:00am - 11:30am only, due to location of work to be performed.

Traffic control shall be per approved plans per Caltrans standards.**

SUPPL	EMEN	TALI	NFO	RMAT	TION:

TEMP STREET/LANE CLOSURE

MISC WORK HOURS

PW INSPECTOR

ROEHL- (925)766-1152

FEES:	[大日下東海門為祖母司法	Berry British	
ENCROACHMENT FEE	106.00	ADDITIONAL ENCROACHMENT FEE	402.00

TOTAL FEES: 508.00

I hereby have read and agree to the City of Dublin provisions and conditions outlined in this permit:

Signature of Permittee

City Engineer

This permit may be revoked at any time at the option of the Director of Public Works, If permittee fails to comply with or violate any City Ordinance, City Standard, safety regulations or any condition of the issuance of the permit.

APPENDIX C

Waste Manifests



NO. 721133

NON-HAZARDOUS WASTE DATA FORM

1284358

		263281
	Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)
	AUTOPIA CAR WASH	AUTOPIA CAR WASH
	7240 DUBLIN BLVD.	7240 DUBLIN BLVD.
	DUBLIN, CA 94568	DUBLIN, CA 94568
		DODLIN, UN STUDE
	Generator's Phone: 925-803-8700	
	Container type removed from site:	Container type transported to receiving facility:
	Drums	ck Drums Vacuum Truck Roll-off Truck Dump Truck
GENERATOR	Other	Other
	Quantity	Quantity Volume 2,000 1bs
	WASTE DESCRIPTION NON-HAZARDOUS CONCRETE	GENERATING PROCESS CONSTRUCTION ACTIVITIES
	COMPONENTS OF WASTE PPM %	COMPONENTS OF WASTE PPM %
Q	1. CONCRETE 1	00%
		3
	2	4.
		PH SOLID LIQUID SLUDGE SLURRY OTHER
		= could a region a cropper a scorni a ornich
	HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PER:	
	Generator Printed/Typed Name Signatu	me Month Day Year
	Larry Moothart of BESI on behalf of generator	11 7 1/0
	The Generator certifies that the waste as described is 100% non-hazardous	1110
}	Transporter 1 Company Name BELSHIRE	Phone# 949-460-5200
ER	Transporter 1 Printed/Typed Name Signatu	re Month Day Year
R	FRANK SULGIAR	11 1711/
0	Transporter Acknowledgment of Receipt of Materials	1 1 16
TRANSPOR	Transporter 2 Company Name	Phone#
A		
R	Transporter 2 Printed/Typed Name Signatur	re Month Day Year
_		
	Transporter Acknowledgment of Receipt of Materials	
1	Designated Facility Name and Site Address	Phone#
	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE	Phone# 951-685-8343
	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET	
1	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE	
1	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET	
1	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET	
	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET MIRA LOMA, CA 91752	951-685-8343
1	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET	951-685-8343
RECEIVING FACILITY 1	Designated Facility Name and Site Address PHILADELPHIA RECYCLING MINE 12000 PHILADELPHIA STREET MIRA LOMA, CA 91752	951-685-8343 Month Day Year

NON-HAZARDOUS WASTE DATA FORM

		263281
<u> </u>	Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)
	AUTOPIA CAR WASH	AUTOPIA CAR WASH
	7240 DUBLIN BLVD.	7240 DUBLIN BLVD.
	DUBLIN, CA 94668	DUBLIN, CA 94589
	1	· · · · · · · · · · · · · · · · · · ·
	Generator's Phone: 926-803-8700	
	Container type removed from site:	Container type transported to receiving facility:
		D 100
	Drums 🔲 Vacuum Truck 🔲 Roll-off Truck 🖵 Dump Truck	☐ Drums № Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
8	D	
	Other	☐ Other
~	Complete and	Quantity
Ö	Quantity	quantity
GENERATOR	ለተረኳስር እ. ተ. አ. ማ. ለ የጋድረላጊ እናም እ ፅ የለ ግግሮች	GENERATING PROCESS PURGED GROUNDWATER
出	WASTE DESCRIPTION NON-HAZARDOUS WATER	GENERATING PROCESS POR GELT GROUND WATER
	COMPONENTS OF WASTE PPM %	COMPONENTS OF WASTE PPM %
Q	WATER 99-100%	3
	· · · · · · · · · · · · · · · · · · ·	
		4
	Waste Profile PROPERTIES: pH _	7-10 SOLID 10 ILIQUID SLUDGE SLURRY OTHER
	HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PERSON.	AL PROTECTIVE CLOSHING
4.	HANDLING INSTRUCTIONS:	TOTAL TEST OF THE PROPERTY OF
. ;	•	
18/)	Generator Printed/Typed Name Signature	Month Day Year
	Larry Moothart of BESI on behalf of generator	January 1 110
	The Generator certifies that the waste as described is 100% non-hazardous	4 Kina sopra open professor
	Transporter 1 Company Name BELSHIRE	Phone# () 948-460-5200
ď		Month Day Year
世	Transporter 1 Printed/Typed Name Signature	MUIIIII Day Ieai
S	LAYVIA IVIGOLIVANT	11/0
TRANSPORTE	Transporter Acknowledgment of Receipt of Materials Transporter 2 Company Name	Phone#
N	NIETO & SONS TRUCKING, INC.	714-990-8865
ÄΑ	Transporter 2 Printed/Typed Name Signature	AR Month Day Year
—	J. SE WHERE	11 119 1/6 1
	Transporter Acknowledgment of Receipt of Materials	
>	Designated Facility Name and Site Address	Phone#
=	DEMENNO KERDOON	310-637-7100
딩	2000 N. ALAMEDA ST.	
ĚĀ	COMPTON, CA 90222	
Ω	· ·	* *
\mathbb{Z}		
EIVIN	Printed/Typed Name Signature	Month Day Year
ECEIVIN	Printed/Typed Name Signature	Month Day Year Of 1916
RECEIVING FACILITY	Printed/Typed Name Signature U O D W C U S C U O D W C U O D D D D D D D D D D D D D D D D D D	una In/100 (01/19/16

7240 DU 1381832