BRIAN SANDOVAL Governor STATE OF NEVADA



JASON KING, P.E. State Engineer

#### DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES

901 South Stewart Street, Suite 2002 Carson City, Nevada 89701-5250 (775) 684-2800 • Fax (775) 684-2811 <u>http://water.nv.gov</u>

November 9, 2017

RE: Monitor Well Waivers for wells CV-01, CV-03 and CV-04

Walter Weinig Esmeralda Minerals, LLC 108 North Minnesota Street Carson City, Nevada 89703

Re: Request to use wells CV-1, CV-03 and CV-04 as monitoring wells for mineral resource development within the Clayton Valley Hydrographic Basin (143), Esmeralda County, Nevada.

Well Coordinates: Latitude/Longitude, North American Datum 1983. CV-01 143 S02 E40 29 Ac [sw¼ NE¼] (N) 37.738281° (W) 117.559853° APN: 006-281-02 CV-03 143 S02 E40 29 Ad [se¼ NE¼] (N) 37.736717° (W) 117.559078° APN: 006-281-02 CV-04 143 S03 E40 06 Ac [sw¼ NE¼] (N) 37.736717° (W) 117.559078° APN: 006-281-02

Dear Mr. Weinig,

This letter is in response to your waiver application received in this office on October 4, 2017. As provided in Nevada Administrative Code (NAC) 534.441 of the Regulation for Water Well and Related Drilling, permission is herewith <u>denied</u> to use wells CV-01, CV-03 and CV-04 as monitoring wells as described within your submittal. The Division has ordered these wells plugged on October 12, 2016.

Should you have any questions regarding this matter, please contact me at the address above, by email at <u>khaffey@water.nv.gov</u> or at 775-684-2814.

Staff Engineer

KMH/jw

cc: Timothy Donahoe

Tim Wilson, Well Drilling Regulation, e-mail Jake Echeverria, Well Drilling Regulation, e-mail Mike Scott, Well Drilling Regulation, e-mail Erielle Cushing, Well Drilling Regulation, e-mail

### IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

Walter Weinig	V.P. of Projects and	Permitting	Esmeralda Min	erals, LLC.
Name 108 N. Minnesota Street	Title Carson City		Cor NV 89703	npany
Street Address or PO Box	City or To	own	State and	ZIP Code
Telephone number of responsible party:	(775) 88	2-9900		
Estimated project dates: February 20	15 Start Date	Ongoing	_ Completion Da	te
Location of the well: PLSS, GPS Coord (If more than one well is to be installed for the same p				
SW ¼ NE ¼ Section	29 T <u>02 s</u>		I.D.B. & M.	
$ \left\{ \begin{array}{l} \text{Latitude (N):} & 37.738281 \\ \text{Longitude (W):} & -117.559853 \end{array} \right\} $	or {UTM (1)	n) E: n) N:	}	Datum NAD83/WGS8
County Assessor Parcel Number (APN):	006-281-02			
Street Address (if any): not applicable (				
NDEP Order # (if any): not applicable				
Purpose and duration of well(s):				
The existing well is necessary for condu- mineral resource development and perm 125897.	cting resource charac itting activities. Pleas	terization and m e refer to attach	onitoring efforts ed Well Driller's	<u>to support</u> Report (Log)
If this waiver is an amendment or change has other monitor wells installed, please			erty M/O	-
The following iter	ns must be submitte	d with the waiv	er request:	
<ul> <li>A schematic drawing of the</li> <li>Affidavit of Intent to Plug a</li> <li>Location Map (i.e., Large Se</li> <li>Site Detail Map (i.e., Small Se</li> </ul>	Well (Listing all wells cale, inch = miles)		(Separate Affidavit	for each ¼, ¼)
Signatory Contact Information:				
(775) 828-6800		Timothy P. D	onahoe	
Telephone Number		Printed Name		
5250 Neil Road, Suite 300 301 310 SV33	ALAR ENGIN	7.4	LON	
	1- 100 LIOZ	Signature	7. Jante	
Reno. NV 89502		Infalance		
City, State, ZIP Code	HECE	Date		Col asal 1
Rev 05/2017 - waiver_mo	TER FILING FEE M	UST ACCOMP.	ANY THIS REQU	IEST

## IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

# AFFIDAVIT OF INTENT TO ABANDON A WELL

		Notice of Intent #	
I,	Walter Weinig, V.P.	_Name & Title	
	ESMERALDA MINERALS, LLC.	_Company	GT 20
	108 N. Minnesota Street	Name & Title         LLC.       Company         Address       Address	ATE E
	Carson City, NV 89703		NGINI
	(775) 882-9900	- Telephone Number	AMI
of the	e real property located at:		0FFIC
Stree	t address (if any) not applicable (Well CV-01)		
Coun	ty Assessor Parcel Number (APN) 006-281-0	)2	
Situa	ted within the <u>SW</u> <sup>1</sup> / <sub>4</sub> <u>NE</u> <sup>1</sup> / <sub>4</sub> Section	ion <u>29</u> T <u>02 s R</u>	40 E, M.D.B. & M.
${L \\ L}$	atitude (N): $\frac{37.738281}{-117.559853}$ or $\begin{cases} UT \\ UT \end{cases}$	<sup>°</sup> M (m) E: <sup>°</sup>	Datum NAD83/WGS84
and v	whereupon an existing well or wells are locat	ed or to be located, fully und	erstand that I shall be
respo	nsible for, and shall cause the existing well	to be plugged in accordanc	e with the provisions
conta	ined in Nevada Administrative Code (NAC) 5	34.420 and all other applicable	e rules and regulations
for dr	illing/plugging wells in the State of Nevada.		
I shal	l further make any purchaser of this parcel awa	are of these conditions.	
	onsible Party ed Name): Walter Weinig	(Signature):	1/2: Daim
	of Nevada ty of <u>Washoe</u>		
	ribed and sworn to before me on 07/18/1 Walter Weinig,	STATE My Commission	NS WALKER RY PUBLIC OF NEVADA on Expires: 01-13-18 No: 14-12646-2
1	- 1   1		

Signature of Notary Public Required

3

6.

Caliche/Sand Mixed Gravel

Sandy clay Gravel and Sand

clay and gravel

gravel sand and clay clay and Gravel clay/sand clay occasiona sand

See attachment CV-1 **Bentonite Chips** 

clay

clay

NOTE:

Date starthar

Static water level:

Water Temperatu

Test Method:

Artesian Flow:

Water Quality:

Date or

7.

8.

2015 2019 Wein Constant Solid Consta

Coarse gravel and Sand clay and Sand Gravel and Sand Coarse gravel and Sand

		Di	VISIO	n of W	OF NEVADA ATER RESOURCES LER'S REPORT		CFIPCE US	e only
PRINT OR TYPE IN BLACK INK ONLY DO NOT WRITE ON BACK			P/0820 CI	ompiote ti	tis form in its entirety in 634,170 and NAC 534,340	L	Permit No.	143
Vanco	Energy M Arrard Str uver, BC,	inerais pet. Sui	e 1780		DETAILED ADDRESS AT Clayton Valley near S		NOTICE OF INTENT VELL NAME (I applice	NO. <b>CV-1</b>
SUCATION NW % 8	E 1/4			ada (0 40	Subdivision Name		County	Esmeraida
PERMIT/WAIVER NO. MM	-205	Jer	-	40	E Latitude 37.690342	UTME	The local division of	NAD 27
WORKED PERFOI	Resources	The statement	Current P	ercel No	Longitude -117.605476	UTM N		NAD 83/WGS 84
New Well Deepen: One Wild	RMED		4		PROPOSED USE	15		
Replacement: Original watt too a				omestic lining / Dev	Veter Com / Int	Monitor [	Auger D Rota	
Recondition: Original well log #			TI	est / Other	veter Com / Ind	C Stock	Air DE Mud	Sonic
Material	OGIC LO	3 Water			9. WELL CONSTRUCTION	Rec	] Other	
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aliche/Sand			0	50	-	HOLE DIAMETER (	BIT SIZE)	900 Feet
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avel and Sand			340	370	1	Inches	Feet	Feet
arse gravel and Sand			370	400		CASING SCHED	Feet	Feet
ndy clay			400	500	Size O.D. Weight/Fi	Wall Thickness		1 -
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1		-	600	640	8.625 24	.25	+1.5	900
and gravel			640	860				
rel sand and clay			660	690	the second second			
and Gravel		X	690	730	Senitary Seal KI Yes		LS	
Isand			730	780	Di Neet Cement	0 to 100		
occasiona sand		+	780 820	820	Cement Grout	10	D Pumped	Pound
			620	900	Concrete Grout	10	Pumped	Pound
E					Bentonite Chips 10	00 to 110	20 Pumped	Poured
attachment CV-1					Image: Send Pack [ > 0.2 in ]         510ioi           Image: Send Pack [ < 0.2 in ]	005 to 635to900	TEX Pumped	Poured
onite Chips			605	635	N CH.	to	Pumped D	Poured
12 01					Bentonite Chips See Attachme	to	X Pumped	Poured
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1.1				-	From 640 From	Fee To	900	Foot Foot
Feb 6-201		-	, 20	15	From	Feet To		Feet
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watar level: 55		t below i	and and	1	-	PILLED'S CED THE	TION	Feet
In Flow: NA G.	P.M.	NA		.S.1.	This well was chilled under my su knowledge	pervision. This report is t	rue to the best of my	
Cold • Fi Quality: High Salt C	ahrenheit Concentra	tion (be				Drilling and Associa		
		and fail				Contractor		
Method: U Baller D Pun					Address PO Box 81805 San	Ulego CA 92138		
		Nr Lift Rec	inted Tim		Phone 760-822-7885			
G.P.M. Draw Do			Hours)		Nevade contractor's license number as issued by the State Confirmator's	Y HOAM		
G.P.M. Draw Do (Feet Below:			4 Hrs		Nevada we'l driller's Loange numbe	to the located by the	0026000A A-8	
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G.P.M. Draw Do (Fiel Below Air 250+ 830		2		-	Water Resource	na (on-site duller)	1793	
G.P.M. Draw Do (Feel Below Air 250+ 830					Signed Children of Water Resource	sue Attachme		
G.P.M. Draw Do (Feel Below Air 250+ 830					Signed:	na (on-site duller)		
G.P.M. Draw Do (Feel Below Air 250+ 830				8HEETS	Signed: Sept ZO th	Sue Attachers	at letter	
G.P.M. Draw Do (Feet Below:				8HEETS	Signed: Sept ZO th	Sue Atta charge	at letter	



Division of Water Resources Receipt for Payment



Timothy Donahoe 3280 LAPWING LN Reno, NV 89509 Check #: 131 Check Date: 10/3/2017 Date Received: 10/4/2017 Receipt #: 34639

FY

Amount Permit #

Invoice #

Notes

2018

\$120.00 M/O WAIVER

- Waivers

Fee Type/Fee desc

COVERS M/O WAIVER X5

CHECK TOTAL \$600.00

10/5/2017

### IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

Walter Weinig	V.P. of Projects	and Permitting	Esmeralda Mir	erals, LLC.	
Name 108 N. Minnesota Street	T Carson City	itle	Company NV 89703		
Street Address or PO Box	City	or Town	State an	d ZIP Code	
Telephone number of responsible pa	rty:(775	5) 882-9900			
Estimated project dates:February	y 2015 Start Date	Ongoing	Completion Da	te	
Location of the well: PLSS, GPS C (If more than one well is to be installed for the sa	oordinates and Maj	Datum are requ	ired. well.)		
SE 1/4 NE 1/4 Section	n <u>29</u> T <u>02</u> s	R 40 E,	M.D.B. & M.		
{Latitude (N): 37.736717 Longitude (W): -117.559078	_} or { UT	M (m) E: M (m) N:	}	Datum NAD83/WGS8 <sup>,</sup>	
County Assessor Parcel Number (AP	N): 006-281-02				
Street Address (if any): not applicab	le (CV-03)		1		
NDEP Order # (if any): not applicab	le		Shiring M.		
Purpose and duration of well(s):			A Station of the		
The existing well is necessary for comineral resource development and per-	nducting resource ch	aracterization and	monitoring efforts	to support	
If this waiver is an amendment or cha has other monitor wells installed, plea	ange to an original wa ase give the original	aiver, or if the pro waiver number.	perty M/O		
The following	items must be subm	itted with the wa	iver request:		
<ul> <li>A schematic drawing of</li> <li>Affidavit of Intent to Plu</li> <li>Location Map (i.e., Larg</li> <li>Site Detail Map (i.e., Sm</li> </ul>	ig a Well (Listing all v e Scale, inch = mile	vells by well ID/Name s)	e) (Separate Affidavi	t for each ¼, ¼)	
Signatory Contact Information:					
(775) 828-6800		Timothy P. I	Donahoe		
Telephone Number		Printed Name		100 B B B B B B B B B B B B B B B B B B	
5250 Neil Road, Suite 300	TATE ENGINEERS 0	Timet	Pole		
Mailing Address 78 :	01HA 4- 100 1102	Signature			
Reno, NV 89502		10/3/2	017		
City, State, ZIP Code	BECEIVE	Date			
Rev 05/2017 - waiver mo	JARTER FILING FE	E MUST ACCOM	PANY THIS REOL	/EST	

## IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

# AFFIDAVIT OF INTENT TO ABANDON A WELL

		Notice of I	ntent #
I,	Walter Weinig, V.P.	Name & Title	
	ESMERALDA MINERALS, LLC.	Company	
	108 N. Minnesota Street	Address	TATE
	Carson City, NV 89703		
	(775) 882-9900	Telephone Number	AM
of th	e real property located at:		RECEIVED 2017 OCT -4 AMID: 32 STATE ENGINEERS OFFICE
Stree	et address (if any) not applicable (Well CV-0.	3)	
Cour	nty Assessor Parcel Number (APN)006-281	-02	
Situa	ated within the <u>SE</u> <sup>1</sup> / <sub>4</sub> <u>NE</u> <sup>1</sup> / <sub>4</sub> Sec	ction <u>29</u> T 02	s R 40 E, M.D.B. & M.
	Latitude (N): $37.736717$ Longitude (W): $-117.559078$ or $\left\{ U \right\}$ whereupon an existing well or wells are located by the set of t		
	onsible for, and shall cause the existing we		
	ained in Nevada Administrative Code (NAC)	534.420 and all other a	pplicable rules and regulations
for d	rilling/plugging wells in the State of Nevada.		
I shal	ll further make any purchaser of this parcel av	ware of these conditions	5.
-	onsible Party ted Name): Walter Weinig	_(Signature):	to War
State	of Nevada		$\bigcirc$
Coun	ity of Washoe		
Subse	cribed and sworn to before me on $07/18$	107	
	Watter Weinig.	My	K. JENS WALKER NOTARY PUBLIC STATE OF NEVADA Commission Expires: 01-13-18 Certificate No: 14-12646-2
	^		UCHINGALO NU. 14-12040-2

Signature of Notary Public Required

W

Notary Seal

#### STATE OF NEVADA DIVISION OF WATER RESOURCES WELL DRILLER'S REPORT

OFFICE USE CHLY

Log No. Permit No Basin No.

PRINT	OR TYPE IN	BLACK IN	ONLY
	WRITE O		

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER/CLIENT NA										VE (# applicable)	
MAILING ADDRESS	365 Bu	rrard Stre	eet Suite	1780		Clavin	D ADDRESS AT	WELL LOCATH	ON		
2 0101001001	Vancou	ver BC \	/8C 2G8	CANAL	A	Subdivision	Marne	ver Peak			
2. PLS LOCATION DO		Y/a	29 Sec	2 N.	S s 40	ELatitude		1 1000 4 10		Statement of the local division of the local	smerald
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Division of Water Resources Receipt for Payment



Timothy Donahoe 3280 LAPWING LN Reno, NV 89509 Check #: 131 Check Date: 10/3/2017 Date Received: 10/4/2017 Receipt #: 34639

FY

Amount Permit #

Invoice #

Fee Type/Fee desc

Notes

2018

\$120.00 M/O WAIVER

- Waivers

COVERS M/O WAIVER X5

> CHECK TOTAL \$600.00

10/5/2017

### IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

Walter Weinig	V.P. of Projects and	Permitting	Esmeralda Min	erals, LLC.
Name 108 N. Minnesota Street	Title Carson City		Cor NV 89703	npany
Street Address or PO Box	City or To	wn	State and	I ZIP Code
Telephone number of responsible party	: (775) 88	2-9900		
Estimated project dates: February 2	015 Start Date	Ongoing	Completion Da	te
Location of the well: PLSS, GPS Coo (If more than one well is to be installed for the same				
SW 1/4 NE 1/4 Section	06 T 03 S	R 40 E, M.	.D.B. & M.	
Latitude (N):         37.736717           Longitude (W):         -117.559078	<pre>} or {UTM (i UTM (i UTM (i ))</pre>	n) E: n) N:	}	Datum NAD83/WGS8
County Assessor Parcel Number (APN)	): 006-341-01			
Street Address (if any): not applicable	(CV-04)			
NDEP Order # (if any): not applicable				
Purpose and duration of well(s):				
The existing well is necessary for cond mineral resource development and perr	ucting resource charac	terization and mo	onitoring efforts	to support
If this waiver is an amendment or chang has other monitor wells installed, please			rty M/O	_
The following ite	ems must be submitte	d with the waive	er request:	
<ul> <li>A schematic drawing of the</li> <li>Affidavit of Intent to Plug</li> <li>Location Map (i.e., Large S</li> <li>Site Detail Map (i.e., Small</li> </ul>	a Well (Listing all wells Scale, inch = miles)		Separate Affidavit	t for each ¼, ¼)
Signatory Contact Information:				
(775) 828-6800		Timothy P. Do	nahoe	
Telephone Number		Printed Name		The same of the second
5250 Neil Road, Suite 300	STATE ENGINEER	Timt	P.D.ke	
Mailing Address EE:01	2017 OCT -4 AI	Signature		
Reno, NV 89502	RECEIA	10/3/2	017	
City, State, ZIP Code		Date		Ken Hand

Rev 05/2017 - waiver\_mo PER QUARTER-QUARTER FILING FEE MUST ACCOMPANY THIS REQUEST

## IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

# AFFIDAVIT OF INTENT TO ABANDON A WELL

		Notice of Intent #	£
I,	Walter Weinig, V.P.	_Name & Title	
	ESMERALDA MINERALS, LLC.	Company	
	108 N. Minnesota Street	Address	
	Carson City, NV 89703		2017 ( TATE
	(775) 882-9900	Telephone Number	ENGI
of the	e real property located at:		ATE ENGINEERS OFF
Stree	t address (if any) not applicable (Well CV-04)		OFF D
Coun	ty Assessor Parcel Number (APN) 006-341-0	)1	ο m
Situa	ted within the <u>SW</u> 1/4 <u>NE</u> 1/4 Section	on <u>06</u> T <u>03 s</u> F	R <u>40</u> E, M.D.B. & M.
${L \\ L}$	atitude (N): $\frac{37.710413}{-117.581181}$ or $\begin{cases} UT \\ UT \end{cases}$	<sup>°</sup> M (m) E: <sup>°</sup> M (m) N:	- } Datum NAD83/WGS84
and v	whereupon an existing well or wells are locat	ed or to be located, fully u	nderstand that I shall be
respo	nsible for, and shall cause the existing well	to be plugged in accorda	nce with the provisions
conta	ined in Nevada Administrative Code (NAC) 5	34.420 and all other applica	ble rules and regulations
for dr	illing/plugging wells in the State of Nevada.		
I shal	l further make any purchaser of this parcel awa	are of these conditions.	
	ensible Party ted Name): Walter Weinig	(Signature): Water de	Naip
State	of Nevada		$\bigcirc$
Count	ty of <u>Washoe</u>		
Subsc	cribed and sworn to before me on $07/18/11$	7	
by	Walter Veinig.	N ST/	JENS WALKER OTARY PUBLIC ATE OF NEVADA Ission Expires: 01-13-18
4	S. & Wan		cate No: 14-12646-2

Signature of Notary Public Required

Notary Seal

#### STATE OF NEVADA DIVISION OF WATER RESOURCES WELL DRILLER'S REPORT

PRINT OR TYPE IN BLACK INK ON	LY
DO NOT WRITE ON BACK	

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

Log No	IFFICE USE ONLY
Permit No	
Basin No	
NOTICE O	
	E (If applicable) CV4
	E (If spphcable) CV4

	urard Stre	et Suite				O ADDRESS AT Valley Near Si			nic (ir appicable)	
Vanco	wer BC V	6C 2G8	CANAD	A	Subdivision N				County E	umeralda
	w 1/4	6 Sec	3 N/5	5 8 40 E	the second se		LITME	37.7298		D 27
	-206						UTM N	-117.561		D 27 D 83/WGS 84
Issued by Wales			Current Pan	cel No						1001103.04
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X New Well Deepen: Orig WL#	-		D Do	meskc		Imgation	Monstor	Auger		
Replacement Original well log #	-		] 🗆 Mir	ing / Dewa	ter 🛄	Com/ ind	Stock	X Ar	× Mud	Some
Recondition Original well log #			X Tet	it / Other	istheum 🔲	Mun / QM	Rec	Other		
6. LITHOL Material	OGIC LOC					ONSTRUCTION				
Encountered	Lost Circ	Water Strata	From	To	Depth Dril	led 1340	Feet	Depth		24 Feet
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slit to fine sand, slity clays grey			205	830	1	12.75	Inches	0	IQ.	
blue green clays and silts	1		830	1340		5.25	BORDER BORDER	50	Feet 50	
	1		000	1010		5.25			Feet40	Non-Statisticson
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				-			CASING S		1	
				1	Size O D (Inches)	Weight/Ft	Wall Th		From	To
			-		(Inches) 8.625	(Pounds)	(Incl	Address of the owner water	(Feet)	(Feet)
					3	24 flush thread	.21		+1.5	50
							schedule	40 1460	0	1190
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					Type of per Size of per From		CONTRACTOR OF THE OWNER.	To	1190	Faet
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			2000		From		Feet	To		Faet
Date started 8-De	C		. 20	15	From		Fest	То		Feet
Date completed B-Fe	5		. 20	16	From	*******	Feet	To		Feet
Artesten Flow: Water Temperature: Water Quality. Water Quality.	G.P.M.	alt	w land su ON (Brin	P.81	Name	is drilled under my HARRIS EXPLO	DRILLER'S CEI supervision This DRATION DRII	RTIFICATION report is true to	the best of my ASSOCIATE:	
B. WELL T		-			Address 1	P.O. BOX 81805			2138	
The second	EST DATA Pump	X ArLit					Contracte			
	w Down		Recorded '	Time		760-822-7886 tractor's license m	mber			
and the second se	alow Static)	-	(Hours)			The State Contrac			0026000A A-	6
air lift 10			1			griller's license ni				
HIJJU CHIJA		-		-	Nevada Div	2177	ources (on-site dri	lerj	1793	
E EHOINECO					Signed	Ing ang	l		-	
CC Olive b	-	-			Date	16-4-3	2016 (	ore	malil	
Nev 01 16)	105	USE A	DOITION	AL SHEE	TS IF NECES	BARY	010	aren	DICIO	5
AN OLD STATED	50								pg, 1 of	pg. 3



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