



# WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT - ENVIRONMENTAL COMPLIANCE DIVISION  
10590 ARMSTRONG AVENUE • SUITE A • MATHER, CA 95655  
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION?  YES  NO  
AR 189771

<b>FOR OFFICE USE ONLY</b>		EXPEDITED PROCESSING? <input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED W/CONDITIONS (ATTACHED)	PERMIT NUMBER(S):	49370	
BY: <u>DVA</u>	DATE: <u>6-19-12</u>	DATE RECEIVED: <u>6/14/12</u>	TOTAL FEE: <u>\$946.00</u>
INITIAL GROUT BY: _____	DATE: _____	RECEIPT NO: <u>307400</u>	DEPTH TO WATER: _____
FINAL INSPECTION BY: _____	DATE: _____	WELL DEPTH: _____	GROUT DEPTH: _____
DESTRUCTION BY: _____	DATE: _____	GPS: N: <u>38</u>	W: <u>-121</u>
COMMENTS: <u>See Attachments 1+2, as formal add-ons to this permit.</u>			

(AWP)

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Sac  
53.01

SITE ADDRESS: <u>200 25th St, Sacramento 95810</u>	
Job Address: same	Nearest Major Cross Street: <u>25th + 4 Sts</u>
Property Owner: <u>Douglas M. Daggs, Trustee of the Sylvia Dellar Survivors Trust.</u>	Parcel Number(s): <u>001-0160-039-0000</u>
Well Contractor: <u>Hedman Drilling</u>	CA License No.: <u>800802</u> <u>EXP 11/30/13</u>
Contractor's Address: <u>6549 Florin-Perkins Rd., Sacramento, CA 95828</u>	
Well/Boring Identification Number(s): <u>"Former Supply Well"</u>	

**TYPE OF WORK:** (California C-57 License required unless noted otherwise)

<input type="checkbox"/> Well construction	<input type="checkbox"/> Vault box repair (General A or B)	<input checked="" type="checkbox"/> Well destruction (SUPPLEMENT REQUIRED)
<input type="checkbox"/> Pump replacement (or C-61)	<input type="checkbox"/> Well repair	<input type="checkbox"/> Exploratory boring (C-57 if water present)
<input type="checkbox"/> Well inactivation (Owner only)	<input type="checkbox"/> Pump repair (or C-61)	<input type="checkbox"/> Other: _____

**INTENDED USE:**

<input type="checkbox"/> Domestic/private	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Geotechnical boring
<input checked="" type="checkbox"/> Irrigation/agricultural	<input type="checkbox"/> Cathodic protection	<input type="checkbox"/> Environmental boring
<input type="checkbox"/> Water/vapor monitoring/extraction	<input type="checkbox"/> Heat exchange	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Public water system:	(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)	

**DRILLING METHOD:**

Mud rotary  Air Rotary  Cable tool  Auger  Driven  Other: \_\_\_\_\_

**SETBACKS:** (Wells only)

Is the well located within 50 feet of a:  sewer line,  stream,  ditch,  drainage course,  pond, or  lake?  No

Is the well located within 100 feet of a:  septic tank,  leach line,  deep trench, or  animal enclosure?  No

**SPECIFICATIONS:**

BOREHOLE: Diameter: _____	Depth: _____	CASING: Diameter: _____	Depth: _____
CONDUCTOR: Diameter: _____	Depth: _____	CASING: Diameter: _____	Depth: _____
ANNULAR SEAL: Depth: _____	Material: _____	IF STEEL: Gauge: _____ or Thickness: _____	
TRANSITION SEAL: Material: _____		IF PLASTIC: Type: _____ (Must meet ASTM F-480)	
COMMENTS: _____			

**PUMP INSTALLATION/REPAIR:**

Contractor: \_\_\_\_\_ Type of Pump: \_\_\_\_\_ Horsepower: \_\_\_\_\_

License Number: \_\_\_\_\_

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: Ron Hedman  Property Owner

PRINTED NAME: Ron Hedman  Well Contractor OK ABC

COMPANY: Hedman Drilling  Agent (REQUIRES AUTHORIZATION FORM)

MAILING ADDRESS: P.O. Box 293655, Sacramento, CA 95829

PHONE NUMBER: 916-383-3636 FIELD PHONE: 916-402-7667

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.  
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)



**Von Aspern. David**

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**From:** taylor mcmillan [mcmillans521@yahoo.com]  
**Sent:** Thursday, June 14, 2012 11:04 AM  
**To:** Von Aspern. David; Ron Hedman  
**Subject:** Blast Plan for Old City Landfill abandonment  
**Attachments:** Hedman ABA.pdf

Hi guys,

Ive attached the requested blast plan for the Old City Landfill. If you have any questions feel free to contact me.

Thanks,

Tylor McMillan  
WWTI / Welenco  
Project Manager / Blaster

Re: WP 49370

# WATER WELL TECHNOLOGY, INC. / WELENCO

License No. C57-731133

5201 Woodmere Drive Bakersfield CA, 93313

Phone: (800) 961-9355 Fax: Sacramento: (916) 480-0839 Bakersfield (661) 834-8100

Date: June 14, 2012

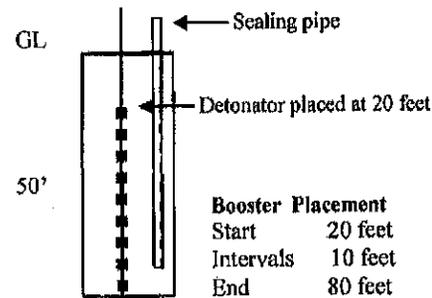
## BLASTING WORK PLAN

**Well: Old City Landfill**

**Location: 25 street and A street  
Sacramento CA**

**Plan date and time : Pending**

Casing 10 -inch ID steel to 83 feet



100'

**Detonating Cord**

Start 20 feet

Intervals Linear

End 83 feet

Strength 50 grain

150'

200'

**Total Explosives  
2.75 lbs.**

250'

300'

350'

400'

450'

**Boosters**

Density g/cc	1.55 g/cc	
Detonation Velocity	24,000 ft/s	7,315 m/s
Casing Diameter	10 inches	
Charge Wt.	0.15 Kg	150 grams

Detonation pressure	207 k/bar	
Total energy ca.	13,997 k/bar	
Pressure at casing	26.73 k/bar	400,148 psi
Pressure at 10 feet	0.00	29 psi

**Explosive Cord**

Density g/cc	1.60 g/cc	
Detonation Velocity	22,000 ft/s	6,706 m/s
Casing Diameter	10 inches	
Grains	50 gr/ft	3.24 g/ft

Detonation pressure	180 k/bar	
Total energy pef ft.	22 k/bar	
Pressure at casing	0.28 k/bar	4,165 psi

\*These are estimated pressure for a empty well

**Site procedure**

1. Check site and measure well depth
2. Clear work site of all unessential personal
3. Lower charges and drop pipe into the well
4. Pump sealing material to top of well
5. Check and clear blast area (sound blast warning)
6. Arm explosives
7. Confirm area clear (final blast warning)
8. Detonate charge
9. Check hole and sound all clear
10. Refill cement to top of well to form a mushroom cap

Predicted Casing Condition: Massive Destruction. A ten inch casing is a small enough diameter that the charges full potential power is transmitted very efficiently leaving us with a very little intact steel.

**Name of Blaster Preparing Plan: Tylor McMillan**

\*Water Well Technology / Welenco Reserves the right to change or modify the charge in any way necessary to maintain the safety of all personnel onsite and in surrounding areas.

Von Aspern, David

Attachment 1 WP49370

From: Jeffery J. Scharff [jscharff@scharff.us]  
Sent: Wednesday, June 13, 2012 3:02 PM  
To: 'Todd DeIfrate'  
Cc: Von Aspern, David; 'Jenny Beck'  
Subject: Well Abandonment Update

I spoke with Hedman Drilling. They have heard from the County (David Von Aspern) and are submitting a blasting plan for the well destruction.

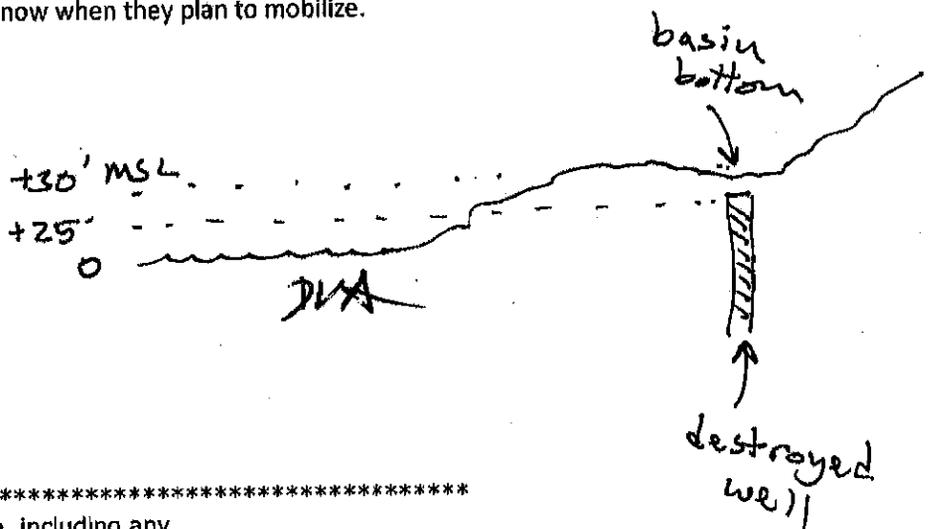
The final terminus of the casing after completion of the Cap will be at 25 feet MSL, five feet below the grade plan elevation for the detention basin of 30 MSL.

With submission of the blasting plan the destruction permit should issue and thereafter we will schedule with Hedman and let you know when they plan to mobilize.

Let me know if you have any questions.

Jeff

Jeffery J. Scharff, Esq.  
2625 Fair Oaks Blvd., Suite 7  
Sacramento, CA 95864  
Telephone: 916/485-5700  
Facsimile: 916/485-5912  
e-mail: [jscharff@scharff.us](mailto:jscharff@scharff.us)



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[jjsesq@scharff.us](mailto:jjsesq@scharff.us)

FACSIMILE  
(916) 485-5912

MEMORANDUM

To: David Von Aspern  
From: Jeffory J. Scharff, Esq.  
Date: May 18, 2012  
RE: Well Abandonment Protocol

JUN 15 2012

Attachment 2  
WP49370

David:

As we discussed, the well located on the Dellar Trust parcel is located within the easterly stormwater detention basin of the property. The present surface elevation is approximately 43 feet Mean Sea Level. Final grade will be 30 feet MSL after completion of the detention basin. As a result the final terminus of the well will be at 25 feet MSL. Blast perforation of the casing will stop at 20 feet.

Kleinfelder will instruct the contractor Veerkamp to maintain the casing integrity during construction and snap the grout column after cutting the casing at 25 feet MSL with a cutting torch to maintain integrity of the seal.

Please, if you have any questions, give me a call.

Thank you

**Todd DelFrate - RE: Dellar Well Destruction**

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**From:** "Von Aspern, David" <VonAspernD@saccounty.net>  
**To:** "Jeffory J. Scharff" <jscharff@scharff.us>, 'Todd DelFrate' <TDelFrate@waterboards.ca.gov>, 'tylor memillan' <mcmillans521@yahoo.com>  
**Date:** 6/20/2012 10:59 AM  
**Subject:** RE: Dellar Well Destruction  
**CC:** 'Jenny Beck' <jbeck@scharff.us>, 'Ronald Hedman' <ron@hedmandrilling.com>, 'Tim Crandall' <TCrandall@kleinfelder.com>, "Christy, Lisa" <ChristyL@saccounty.net>, "Jacks, Derek" <JacksD@saccounty.net>  
**Attachments:** DOC062012-001.pdf

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All,

See approved permit attached. Will see you tomorrow at 1pm unless we are advised of a change.

Lisa, I have placed the project on my Outlook. I will take the hardcopy with me tomorrow (no sense in snail-mailing at this point).

Todd and Tim, FYI: the RP and atty could not have assembled a better team for this work. Hedman and Welenco specialize in this type of work, and are highly experienced in our County.

Thanks.

David Von Aspern  
dir dial 916-875-8467

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**From:** Jeffory J. Scharff [mailto:jscharff@scharff.us]  
**Sent:** Tuesday, June 19, 2012 10:02 AM  
**To:** 'Todd DelFrate'  
**Cc:** 'Jenny Beck'; Von Aspern, David; 'Ronald Hedman'; 'Tim Crandall'  
**Subject:** Dellar Well Destruction

Todd:

I just took a call from Ron Hedman of Hedman Well. He advises that he has scheduled the well abandonment for this Thursday the 21<sup>st</sup> at 1 pm.

Please call if you have any questions.

Jeff

Jeffory J. Scharff, Esq.  
2625 Fair Oaks Blvd., Suite 7  
Sacramento, CA 95864  
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Facsimile: 916/485-5912  
e-mail: jscharff@scharff.us

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