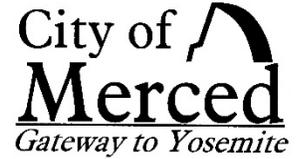




CITY OF MERCED

Public Works Department – Water Quality Control Division
 1776 Grogan Avenue
 Merced, CA 95341
 PH: 209.385.6204 FX: 209.388.8751



WELL PERMIT APPLICATION

Job Site Address _____

Date _____

PERMIT NUMBER _____

APN or Latitude/Longitude _____

Name of Well Driller _____

Name of Well Owner (Print or Type) _____

C-57 License Number (Required) _____

Signature of Well Owner _____

Owner Mailing Address (Street, City, Zip) _____

TYPE OF WORK	Quantity	PURPOSE OF PROJECT (check)	EQUIPMENT (check)
Well Repair or Modification _____	_____	<input type="checkbox"/> Site Assessment	<input type="checkbox"/> Air Rotary
Well Destruction _____	_____	<input type="checkbox"/> LUFT Invest./Clean-up	<input type="checkbox"/> Mud Rotary
<input type="checkbox"/> Domestic		<input type="checkbox"/> Compaction Test	<input type="checkbox"/> Hollow Stem
<input type="checkbox"/> Agricultural		<input type="checkbox"/> Other	<input type="checkbox"/> Cable Tool
<input type="checkbox"/> GW Monitoring		Describe (Print or type below):	<input type="checkbox"/> Geoprobe
Well Installation:			<input type="checkbox"/> CPT
Groundwater Monitoring Well _____	_____		<input type="checkbox"/> Other
Soil Vapor Extraction (SVE) _____	_____		Describe (Print or type below):
Sparge Well _____	_____		
Hydro Punch _____	_____		
Soil Boring _____	_____		

I hereby agree to comply with all State, County, and City of Merced regulations pertaining to well construction, repair, modification, and destruction. Within **30 days** of completion of work, I will furnish the City of Merced with a complete and accurate log of the well. When signed by the City Engineer, this application becomes a Permit.

Applicant's Signature _____

Date _____

City of Merced Business License # _____

Applicant's Title (check) Driller Consultant Owner

MAXIMUM BOREHOLE DEPTH

DIAMETER OF BOREHOLE(S)

_____ feet

_____ inches

PROPOSED CASING(S)	CASING DIAMETER(S)	SEALING MATERIAL	Per City of Merced Standard Design W-10*
<input type="checkbox"/> PVC	<input type="checkbox"/> 2 inch	<input type="checkbox"/> Neat Cement*	<ul style="list-style-type: none"> Well Depth 20' or less free fall permissible. Well Depth greater than 20', sealing material to be placed via trimie pipe under pressure. *To view the Standard Designs in their entirety visit www.cityofmerced.org
<input type="checkbox"/> Steel	<input type="checkbox"/> 4 inch	<input type="checkbox"/> Cement Sand Slurry*	
<input type="checkbox"/> Other	<input type="checkbox"/> 6 inch	<input type="checkbox"/> Bentonite Clay*	
Specify:	Other:	<input type="checkbox"/> Concrete*	
		*4-1/2 to 6-1/2 gal of water per sack of material	



CITY OF MERCED WELL PERMIT APPLICATION

STANDARD CONDITIONS

1. Work authorized by this permit shall begin within ninety days from the date of issuance. This permit authorizes work for a period of one year from the date of issuance per *Merced Municipal Code, Title 8, Chapter 8.12, Article III, Section 8.12.230 (A)*.
2. Underground Service Alert (USA) shall be notified at least 48 hours prior to planned commencement of work. In California, call 800.642.2444.
3. Twenty-four (24) hours advance notification (minimum of one full working day) shall be given to the City of Merced Water Quality Control Division prior to commencement of work, please call 209.385.6204.
4. The City of Merced reserves the right to sample and inspect wells per *Merced Municipal Code, Title 8, Chapter 8.12, Article I, Section 8.12.040 (F)*. The Merced Municipal Code and the fee schedule can be viewed in its entirety at www.cityofmerced.org.
5. The Final Report of drilling, construction, and sample results are to be submitted to the City of Merced Water Quality Control Division within thirty (30) days of work completion.
6. Upon completion of work, the site shall be cleaned and all construction materials, including drill cuttings, drums of material, and equipment shall be removed from the site or out of public view. Any drums stored on the site will be labeled indicating contents and disposition of contents.

ADDITIONAL CONDITIONS

FOR OFFICE USE ONLY

Permit Issue Date: _____ Expiration Date: _____

Fee Deposit: _____ Date Fee Paid: _____

Inspector: _____ Date Work Completed: _____

Status of Application: Approved with conditions below Denied

If denied or on hold, reason for status:

I certify that I understand that inspection and associated costs in excess of the standard permit fee, based on hourly rates, will be billed to permittee and permittee hereby agrees to promptly pay such charges.

Signature of Responsible Party

Billing Address

Responsible Party (*Print or Type*)

Contact Phone Number

City Engineer

Date



CITY OF MERCED WELL PERMIT APPLICATION

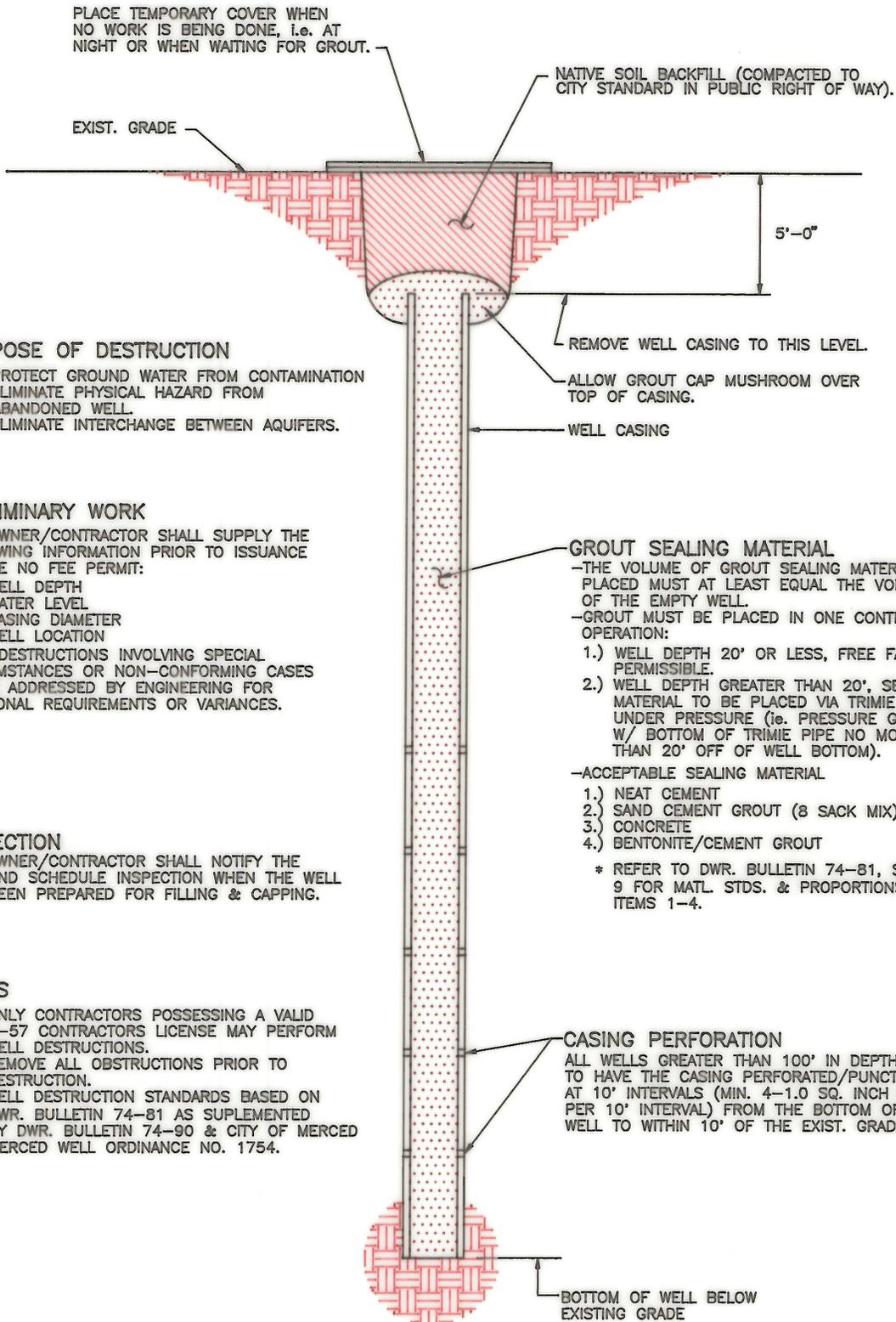
ADDITIONAL PERMIT REQUIREMENTS

In order to expedite the process of permit application, the following information will be required to accompany any permit application encompassing soil sub-surface investigations in the incorporated areas of the City of Merced:

1. A **copy** of the current C-57 License from Well Driller. Users of high explosives must also provide copies of current licenses required by the Bureau of Alcohol, Tobacco and Firearms, California Occupational Safety & Health, California Highway Patrol, etc.
2. A **copy** of the current City of Merced Business License.
3. The Well Permit Application process must be completed **prior to** obtaining a City Right-of-Way Encroachment Permit. To obtain an Encroachment permit please contact the City of Merced Building Department Inspection Services Division at 209.385.6858 or 6843.
4. Proof of full Workers' Compensation Insurance with a limit of at least One Hundred Thousand Dollars (\$100,000) for any one person and as required by law, including Employer's Liability of \$1,000,000 per accident. The policy shall be endorsed to waive the insurer's subrogation rights against the City. Cancellation Clauses shall read as follows: ***"Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the certificate holder named to the left."*** Any additional language exempting the Insurance Company from liability will not be accepted.
5. Site Health and Safety Plan.
6. Complete workplan including any and all intended work to be done to include submittal of details of sealing zone(s) and perforations/screen interval(s) (ft) in proposed schematics. Any deviation from the established workplan without prior authorization by the City of Merced Engineering Department of the Water Quality Control Division will be considered unpermitted activities and are prohibited.
7. Permit approval requires **original permit application** and **original signature**. Fax or email copies are unacceptable.
8. The permit application shall be filled out completely, regardless of information contained in the required workplan.
9. Processing of Permit Application will be completed as expeditiously as possible, subject to availability of resources. Please allow at least ten (10) working days to process permit applications.
10. A copy of the Permit will be provided **on site** the day work is to begin. Work commencement without prior approval or possession of a copy of an approved Permit is in violation of *Merced Municipal Code, Title 8, Chapter 8.12, Article III, Section 8.12.200 (B)*.

If there are any questions, please contact the City of Merced Water Quality Control Division at 209.385.6204 or environmentalcontrol@cityofmerced.org.

Additional Permit Requirements have been reviewed (initials): _____



PURPOSE OF DESTRUCTION

- 1.) PROTECT GROUND WATER FROM CONTAMINATION
- 2.) ELIMINATE PHYSICAL HAZARD FROM ABANDONED WELL.
- 3.) ELIMINATE INTERCHANGE BETWEEN AQUIFERS.

PRELIMINARY WORK

THE OWNER/CONTRACTOR SHALL SUPPLY THE FOLLOWING INFORMATION PRIOR TO ISSUANCE OF THE NO FEE PERMIT:

- 1.) WELL DEPTH
- 2.) WATER LEVEL
- 3.) CASING DIAMETER
- 4.) WELL LOCATION

WELL DESTRUCTIONS INVOLVING SPECIAL CIRCUMSTANCES OR NON-CONFORMING CASES TO BE ADDRESSED BY ENGINEERING FOR ADDITIONAL REQUIREMENTS OR VARIANCES.

INSPECTION

THE OWNER/CONTRACTOR SHALL NOTIFY THE CITY AND SCHEDULE INSPECTION WHEN THE WELL HAS BEEN PREPARED FOR FILLING & CAPPING.

NOTES

- 1.) ONLY CONTRACTORS POSSESSING A VALID C-57 CONTRACTORS LICENSE MAY PERFORM WELL DESTRUCTIONS.
- 2.) REMOVE ALL OBSTRUCTIONS PRIOR TO DESTRUCTION.
- 3.) WELL DESTRUCTION STANDARDS BASED ON DWR. BULLETIN 74-81 AS SUPPLEMENTED BY DWR. BULLETIN 74-90 & CITY OF MERCED MERCED WELL ORDINANCE NO. 1754.

GROUT SEALING MATERIAL

-THE VOLUME OF GROUT SEALING MATERIAL PLACED MUST AT LEAST EQUAL THE VOLUME OF THE EMPTY WELL.
 -GROUT MUST BE PLACED IN ONE CONTINUOUS OPERATION:

- 1.) WELL DEPTH 20' OR LESS, FREE FALL PERMISSIBLE.
- 2.) WELL DEPTH GREATER THAN 20', SEALING MATERIAL TO BE PLACED VIA TRIMIE PIPE UNDER PRESSURE (i.e. PRESSURE GROUT W/ BOTTOM OF TRIMIE PIPE NO MORE THAN 20' OFF OF WELL BOTTOM).

-ACCEPTABLE SEALING MATERIAL

- 1.) NEAT CEMENT
- 2.) SAND CEMENT GROUT (8 SACK MIX)
- 3.) CONCRETE
- 4.) BENTONITE/CEMENT GROUT

* REFER TO DWR. BULLETIN 74-81, SECT. 9 FOR MATL. STDS. & PROPORTIONS, FOR ITEMS 1-4.

CASING PERFORATION

ALL WELLS GREATER THAN 100' IN DEPTH ARE TO HAVE THE CASING PERFORATED/PUNCTURED AT 10' INTERVALS (MIN. 4-1.0 SQ. INCH HOLES PER 10' INTERVAL) FROM THE BOTTOM OF THE WELL TO WITHIN 10' OF THE EXIST. GRADE.

DEPARTMENT OF PUBLIC WORKS

CITY OF MERCED, CALIF.

WELL DESTRUCTION

W-10

DRAWN: K.G.E.

APPROVED BY:

DATE

ENG.

John Williams

8-5-91

REVISED

CITY ENGINEER

SHEET

OF