



ARIZONA DEPARTMENT OF WATER RESOURCES
 Records Management Section
 P.O. Box 33589, Phoenix, Arizona 85067-3589
 (602) 771-8527 * (800) 352-8488
 www.water.az.gov

Well Abandonment Completion Report

RECEIVED

OCT 1 - 2009

WATER MGMT

FILE NUMBER A(1-1) 27 DCD
WELL REGISTRATION NUMBER 55-217012

- Review instructions prior to completing form
- The drilling firm or single well licensee must file this report within 30 days of completion of abandonment (A.R.S. § 45-594, A.A.C. R12-15-816)

** PLEASE PRINT CLEARLY **

SECTION 1: ABANDONMENT AUTHORIZATION	
Mail To:	Drilling Firm
	NAME EARTH-TEC, INC. DBA FOOTHILL ENGINEERING & DEWATERING
	DWR LICENSE NUMBER
	ADDRESS 905 EAST 3RD STREET
	TELEPHONE NUMBER 951-737-5391
	CITY / STATE / ZIP CORONA, CA 92879-1604
	FAX 951-737-0792

SECTION 2: REGISTRANT INFORMATION	
Well Owner Information	
FULL NAME OF COMPANY, ORGANIZATION OR INDIVIDUAL FOOTHILL ENGINEERING & DEWATERING	CONTACT PERSON NAME AND TITLE Wendell Bradford
MAILING ADDRESS 905 E. THIRD STREET	TELEPHONE NUMBER 951-737-5391
CITY / STATE / ZIP CORONA, CA 92879	FAX 951-737-0792
Location of Well	
WELL LOCATION ADDRESS (IF ANY) 91st Ave Wastewater Treatment Plant	LATITUDE N 33° 23' 32.57" N Degrees Minutes Seconds
	LONGITUDE W 112° 14' 38.34" W Degrees Minutes Seconds
TOWNSHIP (N/S) 1N	RANGE (E/W) 1E
SECTION 27	160 ACRE SE 1/4
	40 ACRE SW 1/4
	10 ACRE SE 1/4
LAND SURFACE ELEVATION AT WELL 977 Feet Above Sea Level	
METHOD OF LATITUDE / LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input checked="" type="checkbox"/> USGS Quad Map <input checked="" type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Survey-Grade	
*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):	
COUNTY ASSESSOR'S PARCEL ID NUMBER	
BOOK 101	MAP 33
	PARCEL 001D

Questions	Yes	No	Explanation :
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be or is contaminated ?		X	IF YES, EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY)
2. Is there another well name or identification number associated with this well? (e.g., MW-1, PZ-4, Lot 29 Well, Smith Well, etc.)		X	IF YES, PLEASE STATE DLT
3. Prior to abandonment, did the well have 20' of surface casing AND 20' of grout in the annular space surrounding the casing ?		X	if No, was the top 20' of casing removed prior to setting the cement plug ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Was the well backfilled above the cement plug ?	X		
5. Was the well casing video logged ?		X	
6. Why was the well abandoned ?			Dewatering Complete

Well Abandonment Completion Report

WELL REGISTRATION NUMBER
55-217012

SECTION 4 ORIGINAL WELL CONSTRUCTION DESIGN and additional design notes

Existing Borehole			Existing Casing (to the best of your knowledge)													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (X)				PERFORATION TYPE (X)				SLOT SIZE IF ANY (inches)		
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE		SLOTTED	IF OTHER TYPE, DESCRIBE
0	70'	30"	0	30'	12"		X									
			30'	70'	12"		X						X			.030

Condition of casing: Good Fair Poor

Existing Annular Material (to the best of your knowledge)											
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (X)							FILTER PACK		
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE		IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
						GROUT	CHIPS				
0	5'							X			
5'	70'									X	#5

Refer to ADWR's Well Abandonment Handbook for additional information.

DEPTH TO WATER
20 20' Feet Below Land Surface

DATE ABANDONMENT COMPLETED
8/31/09

Casing Treatment					Sealing or Fill Material												
DEPTH FROM SURFACE		TREATMENT TYPE (X)				DEPTH FROM SURFACE		MATERIAL TYPE (X)							MIXING RATIO by (check one) <input type="checkbox"/> Weight <input type="checkbox"/> Volume	VOLUME OF MATERIAL USED (cubic feet)	
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING WAS PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS THAT WERE ADDED	FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT	GROUT	CHIPS			PELLETS
0	5'				X												
5'	70'								X								55FT ³

Actual Abandonment Method (See Well Abandonment Handbook)

CHECK ONE

Standard Method Alternative 4: Other (please specify)

Alternative 1 Variance Option

Alternative 2 Alternative 5:

Alternative 3 Variance Option 1 Variance Option 2

Emplacement Method of Sealing or Fill Material

CHECK ONE

Gravity

Pressure Grouting

Tremie Pumped

Other (please specify)

REMARKS

I state that this notice is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE: Wendell Bradford SIGNATURE OF QUALIFYING PARTY: [Signature] DATE: 9/22/09



Arizona Department of Water Resources
 Information Management Unit
 P.O. Box 33589 • Phoenix, AZ 85067-3589
 (602) 771-8627 • (800) 352-8488
 www.azwater.gov

RECEIVED

10-1-2009

Well Owner's

NO FEE

Notification of Abandonment

WATER MGMT

- ❖ Review the instructions prior to completing the form in black or blue ink.
- ❖ The owner or operator of any well shall notify the Department, in writing, no later than 30 days after the abandonment has been completed.
 (A.R.S. § 45-594, A.A.C. R12-15-816(K))

FILE NUMBER A(1-1)2700
WELL REGISTRATION NUMBER 55-217.012

** PLEASE PRINT CLEARLY **

SECTION 1 DRILLING FIRM		SECTION 2 LOCATION OF WELL					
NAME Foothill Engineering & Dewatering		WELL LOCATION ADDRESS (IF ANY) 91 st Ave Wastewater Treatment Pl.					
DWR LICENSE NUMBER 168		TOWNSHIP (N/S) 1N	RANGE (E/W) 1E	SECTION 27	160 ACRE SE 1/4	40 ACRE SW 1/4	10 ACRE SE 1/4
TELEPHONE NUMBER 951-737-0792	FAX 951-737-0792	COUNTY ASSESSOR'S PARCEL ID NUMBER					
DATE ABANDONMENT COMPLETED 8/31/09		BOOK 101	MAP 33	PARCEL 001-D			
		COUNTY WHERE WELL IS LOCATED Maricopa					

SECTION 3 OWNER INFORMATION			
Well Owner		Landowner (if different from Well Owner)	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Foothill Engineering & Dewatering		FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL City of Phoenix	
MAILING ADDRESS 905 E. Third St.		MAILING ADDRESS 5216 S 83 rd Ave	
CITY / STATE / ZIP CODE CORONA CA. 92879		CITY / STATE / ZIP CODE PHOENIX AZ 85043	
CONTACT PERSON NAME AND TITLE Wendell Bimford		CONTACT PERSON NAME AND TITLE Rick Shyne	
TELEPHONE NUMBER 951-737-5391	FAX 951-737-0792	TELEPHONE NUMBER 602-495-7685	FAX 602-495-5843

I state that this notice is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

SIGNATURE OF WELL OWNER 	DATE 9/22/09
-----------------------------	-----------------

DLT

**ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT SUPPORT SECTION**

3550 N. Central Avenue
Phoenix, Arizona 85012

ABANDON

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-217012

AUTHORIZED DRILLER: EARTH-TEC, INC. DBA FOOTHILL ENGINEERING & DEWATERING LICENSE NO: 168

NOTICE OF INTENTION TO ABANDON A NON-EXEMPT WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: FOOTHILL ENGINEERING & DEWATERING 905 E. THIRD STREET CORONA, CA 92879

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SE ¼ OF THE SW ¼ OF THE SE ¼ SECTION 27 TOWNSHIP 1 NORTH RANGE 1 EAST

NO. OF WELLS IN THIS PROJECT: 1

ASSESSOR PARCEL NO: 101-33-001D

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 9TH DAY OF JULY, 2010


WATER MANAGEMENT SUPPORT

THE DRILLER MUST FILE A WELL ABANDONMENT
COMPLETION REPORT WITHIN 30 DAYS OF ABANDONMENT



ARIZONA DEPARTMENT OF WATER RESOURCES

3550 N. Central Avenue, Phoenix, Arizona 85012
Telephone (602) 771-8500
Fax (602) 771-8691



Janice K. Brewer
Governor

Herbert R. Guenther
Director

July 17, 2009

FOOTHILL ENGINEERING & DEWATERING
905 E. THIRD STREET
CORONA, CA 92879

Registration No. 55-217012
File No. A(1-1) 27 DCD

Dear Applicant:

Enclosed is a copy of the Notice of Intent (NOI) to Abandon a Well. This NOI, which was recently filed with this Department is being returned to you as evidence of your compliance with ARS § 45-594; R12-15-816. The enclosed Well Owners Notification of Abandonment is to be submitted when the well has been properly abandoned. The well abandonment card and Abandonment Completion Report forms have been sent to your driller. He may not begin abandonment until he has received the well abandonment card. If you change drillers, you must supply this Department with the new driller's identity. Well abandonments shall be performed only by a licensed well drilling contractor or single well licensee.

ARS §45-594; R12-15-816(K) requires the registered well owner to submit a Well Owners Notification of Abandonment form within thirty (30) days after the abandonment of the well. It also requires the driller to furnish this Department a complete and accurate Well Abandonment Report within thirty (30) days after completion of abandonment. You should insist, and ensure, that both of these are done.

Sincerely,

A handwritten signature in black ink that reads "Denae Tak".

Denae Tak
NOI Unit
Water Management Support Section

Enclosures



Printed on recycled paper. Each ton of recycled paper saves 7,000 gallons of water.

RECEIVED

JUL 10 2009



Arizona Department of Water Resources
 Water Management Support Section
 P.O. Box 33589 Phoenix, Arizona 85067-3589
 (602) 771-8500 • (800) 352-8488
 www.azwater.gov

Notice of Intent to Abandon a Well

NO FEE

- Review instructions and the Well Abandonment Handbook prior to completing form with black or blue ink.
- You must include with your Notice:
 - Well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.

AWR	IB	SB
RECEIVED	DATE	WS
ISSUED	DATE	WOAB
		CERCLA

WELL REGISTRATION NUMBER
55-217012

** PLEASE PRINT CLEARLY **

SECTION 1: REGISTRY INFORMATION	
Well Type CHECK ONE	Location of Well
<input type="checkbox"/> Domestic <input type="checkbox"/> Stock <input type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Monitor / Piezometer <input type="checkbox"/> Geotechnical <input type="checkbox"/> Mineral Exploration <input checked="" type="checkbox"/> Other (please specify): <i>Dewatering</i>	WELL LOCATION ADDRESS (IF ANY) <i>91st Ave Wastewater Treatment Plant</i> TOWNSHIP (N/S) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE <i>1N</i> <i>1E</i> <i>27</i> <i>SE 1/4</i> <i>SU 1/4</i> <i>SE 1/4</i> COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK MAP PARCEL COUNTY WHERE WELL IS LOCATED <i>D171</i> <i>33</i> <i>001-D</i> <i>Maricopa</i> ORIGINAL WELL OWNER (IF KNOWN) <i>Foothill Eng. & Dewatering</i> ORIGINAL WELL DRILLING FIRM (IF KNOWN) DRILL DATE (IF KNOWN) <i>Foothill Eng & Dew.</i> <i>3/1/08</i> LATITUDE LONGITUDE <i>33° 23' 32.5" N</i> <i>112° 14' 38.34" W</i> Degrees Minutes Seconds Degrees Minutes Seconds METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> USGS Quad Map <input checked="" type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Survey-Grade *IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):

SECTION 2: OWNER INFORMATION	
Well Owner	Landowner (if different from Well Owner)
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <i>Foothill Engineering & Dewatering</i>	FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL <i>City of Phoenix</i>
MAILING ADDRESS <i>905 E Third St.</i>	MAILING ADDRESS <i>5216 S 83rd Ave</i>
CITY / STATE / ZIP CODE <i>Corona Ar. 92879</i>	CITY / STATE / ZIP CODE <i>Phoenix AZ 85043</i>
CONTACT PERSON NAME AND TITLE <i>Wendell Bradford</i>	CONTACT PERSON NAME AND TITLE <i>RICK SHANE, PROJECT MGR</i>
TELEPHONE NUMBER FAX <i>951-737-5391</i> <i>951-737-0792</i>	TELEPHONE NUMBER FAX <i>602-495-7685</i> <i>602-495-5843</i>

SECTION 3: ABANDONMENT AUTHORIZATION	
Drilling Firm	Consultant (if applicable)
NAME <i>Foothill Eng. & Dewatering</i>	CONSULTING FIRM <i>Malcolm Pirnie</i>
DWR LICENSE NUMBER <i>168</i>	CONTACT PERSON NAME <i>Steve Rohrer</i>
TELEPHONE NUMBER FAX <i>951-737-5391</i> <i>951-737-0792</i>	TELEPHONE NUMBER FAX <i>623-344-2570</i> <i>623-344-2570</i>
	E-MAIL ADDRESS

SECTION 4			
Questions	Yes	No	If Yes
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be, or is contaminated?		X	EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY)
2. Is there another well name or identification number associated with this well? (e.g., Lot 3 Well, MW-1, etc.)		X	PLEASE STATE
3. Was the well casing video logged?		X	
4. Why is the well being abandoned?	<i>Dewatering Complete</i>		

Notice of Intent to Abandon a Well

Provide a well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.

RECEIVED

WELL REGISTRATION NUMBER
55-817012
55-

Existing Borehole			Existing Casing (to the best of your knowledge)														
DEPTH FROM SURFACE		BOREHOLE DIAMETER (Inches)	DEPTH FROM SURFACE		OUTER DIAMETER (Inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)				SLOT SIZE IF ANY (Inches)			
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NOT	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE		SLOTTED	IF OTHER TYPE, DESCRIBE	
0	70'	30"	0	30'	12												
			30'	70'	12"	X							X				.030

Condition of casing: Good Fair Poor

Existing Annular Material (to the best of your knowledge)												
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (T)							FILTER PACK			
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
						GROUT	CHIPS	PELLETS				
0	5'											
5	70'							X			X	Per Gravel

SECTION 6: PROPOSED WELL ABANDONMENT DESIGN (attach additional pages if needed) DATE ABANDONMENT IS TO BEGIN

Refer to ADWR's Well Abandonment Handbook for additional information.

Casing Treatment					Sealing or Fill Material															
DEPTH FROM SURFACE		TREATMENT TYPE (T)				DEPTH FROM SURFACE		MATERIAL TYPE (T)								ESTIMATE OF VOLUME OF MATERIAL (cubic feet)				
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING IS TO BE PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS TO BE ADDED	FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	SAND-CEMENT GROUT	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT	HIGH SOLIDS BENTONITE			SAND	MIXING RATIO by (check one)		
0	5'				X		5'	70'		X										Weight
																				Volume

Proposed Abandonment Method (See Well Abandonment Handbook) CHECK ONE <input type="checkbox"/> Standard Method <input type="checkbox"/> Alternative 1 <input type="checkbox"/> Alternative 2 <input type="checkbox"/> Alternative 3 <input checked="" type="checkbox"/> Alternative 4: <input type="checkbox"/> Variance Option * <input type="checkbox"/> Alternative 5: <input type="checkbox"/> Variance Option 1* <input type="checkbox"/> Variance Option 2*	<input type="checkbox"/> Other (please specify): * requires a letter requesting a variance	Emplacement Method of Sealing or Fill Material CHECK ONE <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure Grouting <input checked="" type="checkbox"/> Tremie Pumped <input type="checkbox"/> Other (please specify):
--	---	---

REMARKS

I state that this notice is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE Wendell Bradford	SIGNATURE OF WELL OWNER <i>Wendell Bradford</i>	DATE
TYPE OR PRINT NAME AND TITLE Rick Shane, PM	SIGNATURE OF LANDOWNER, IF APPLICABLE (SEE INSTRUCTIONS) <i>Rick Shane</i>	DATE 1/9/09



Arizona Department of Water Resources
 Information Management Section
 3550 N. Central Ave. γ Phoenix, Arizona 85012
 (602) 771-8627 γ (800) 352-8488
 www.water.az.gov

Well Driller Report and Well Log

- ❖ Review instructions prior to completing form
- ❖ This report should be prepared by the driller in detail and filed with the Department within 30 days following completion of the well.

FILE NUMBER A10127 DCD
WELL REGISTRATION NUMBER 55 - 217012
PERMIT NUMBER (IF ISSUED) 59-217011

** PLEASE PRINT CLEARLY **

SECTION 1: REGISTRY INFORMATION						
Well Owner			Location of Well			
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Foothill Engineering & Dewatering			WELL LOCATION ADDRESS (IF ANY) 91 st Ave Waste Water Treatment Plant			
MAILING ADDRESS 905 E. Thina St			TOWNSHIP (N/S) 1N	RANGE (E/W) 4E	SECTION 27	160 ACRE 56 1/4
CITY / STATE / ZIP CODE Corona, CA 92875			LATITUDE 33° 23' 32.51"N		LONGITUDE 112° 14' 58.34"W	
CONTACT PERSON NAME AND TITLE Wendell Bradford			LAND SURFACE ELEVATION AT WELL 972 Feet Above Sea Level			
TELEPHONE NUMBER 951-737-5391		FAX	METHOD OF LATITUDE / LONGITUDE (CHECK ONE) <input type="checkbox"/> USGS Quad Map <input checked="" type="checkbox"/> Conventional Survey <input type="checkbox"/> GPS: <input type="checkbox"/> Survey-Grade <input type="checkbox"/> Hand-Held			
COUNTY ASSESSOR'S PARCEL ID NUMBER						
BOOK 101		MAP 33		PARCEL 001-D		
COUNTY WHERE WELL IS LOCATED Maticopa						

SECTION 2: DRILLING AUTHORIZATION	
Drilling Firm NAME Foothill Engineering & Dewatering	
DWR LICENSE NUMBER 168	
TELEPHONE NUMBER 951-737-5391	FAX 951-737-0792

RECEIVED
 JUL 10 2009
WATER MGMT

SECTION 3: WELL CONSTRUCTION DETAILS		
DATE WELL CONSTRUCTION STARTED 1/25/08	DATE WELL CONSTRUCTION COMPLETED 3/1/08	IF FLOWING WELL, METHOD OF FLOW REGULATION <input type="checkbox"/> Valve <input type="checkbox"/> Other:
DRILL Method CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Reverse Circulation <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Percussion / Odex Tubing <input checked="" type="checkbox"/> Other (please specify): Bucket Rig	Method of Well Development CHECK ONE <input type="checkbox"/> Airlift <input type="checkbox"/> Bail <input type="checkbox"/> Surge Block <input checked="" type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify):	Method of Sealing at Reduction Points CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify):
Water Level Information		
STATIC WATER LEVEL 34 Feet Below Land Surface		
DATE MEASURED 1/25/08		

55-217012



DLT

QUICK LINKS ...



Home

Contacts

*Parcel Search:



Advanced Search Options

*Market Overview

*Residential Similar Property Search

No Parcel Number? Use Advanced Search Options.

*(A parcel number is needed to use these Features)

New Search

Printer Friendly Version

Property Information

View GIS Maps

Parcel #: 101-33-001-D

Subdivision Name:

MCR #:

Lot #:

Property Address: 5216 S 83RD AVE
PHOENIX 85353

Property Description: SE4 SEC 27 EX BEG AT NW COR SW4 SE4 SD SEC TH S 122.94F TH E 62.65F TH N 1330.37F TH W TO W LN SE4 TH SLY TO POB & EX BEG E4 COR SEC 27 TH SLY ALG E LN SEC 378.28F TH N 87D 29M W 700F TH N 335F M/L TO N LN OF SE4 SEC TH E 699.40F TO POB & EX RD & EX ANY PT OF SE4 SEC 27 LY WI-IN PROP DESC P/F 93-462191

Section Township Range: 27 1N 1E

Associated Parcel:

Owner Information

View Tax Information

Owner: PHOENIX CITY OF

In Care Of:

Mailing Address: 251 W WASHINGTON ST 8TH FL
PHOENIX AZ 850032295 USA

Deed #: 05691-0616

Deed Date: 8/24/1965

Sales Price: n/a
Sales Month/Year: n/a

Valuation Information

Tax Year:	2010	2009	2008
Full Cash Value (FCV):	\$5,789,000	\$5,789,000	\$5,789,000
Limited Property Value (LPV):	\$4,909,174	\$4,462,885	\$4,020,847
Notice: The values displayed on this page may not reflect constitutional or statutory adjustments.			
Legal Class:	2	2	2
Assessment Ratio:	16.0%	16.0%	16.0%
Assessed FCV:	\$926,240	\$926,240	\$926,240
Assessed LPV:	\$785,468	\$714,062	\$643,336
Property Use Code:	9374	9374	9374
Tax Area Code:	621306	621306	621306

Additional Component Information (for this parcel)

Valuation Characteristics

New Search

Helpful Information:

recorder glossary forms

Disclaimer

The data contained in this database is deemed reliable but not guaranteed. This information should be used for informational use only and does not constitute a legal document for the description of these properties. Every effort has been made to insure the accuracy of this data; however, this material may be slightly dated which would have an impact on its accuracy. The Maricopa County Assessor's Office disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data.

Maricopa Home

Legal Information

Privacy/Security Policies

©2008 Maricopa County



Maricopa County Assessor || 301 W. Jefferson St. || Phoenix, AZ 85003

602-506-3406



Arizona Department of Water Resources
 Information Management Section
 3550 N. Central Ave. γ Phoenix, Arizona 85012
 (602) 771-8627 γ (800) 352-8488
 www.water.az.gov

RECEIVED
 SEP 2 2008 Well Driller Report
 and
 INFO MGMT Well Log
 ENTERED
 SEP - 5 2008

- ❖ Review instructions prior to completing form
- ❖ This report should be prepared by the driller in detail and filed with the Department within 30 days following completion of the well.

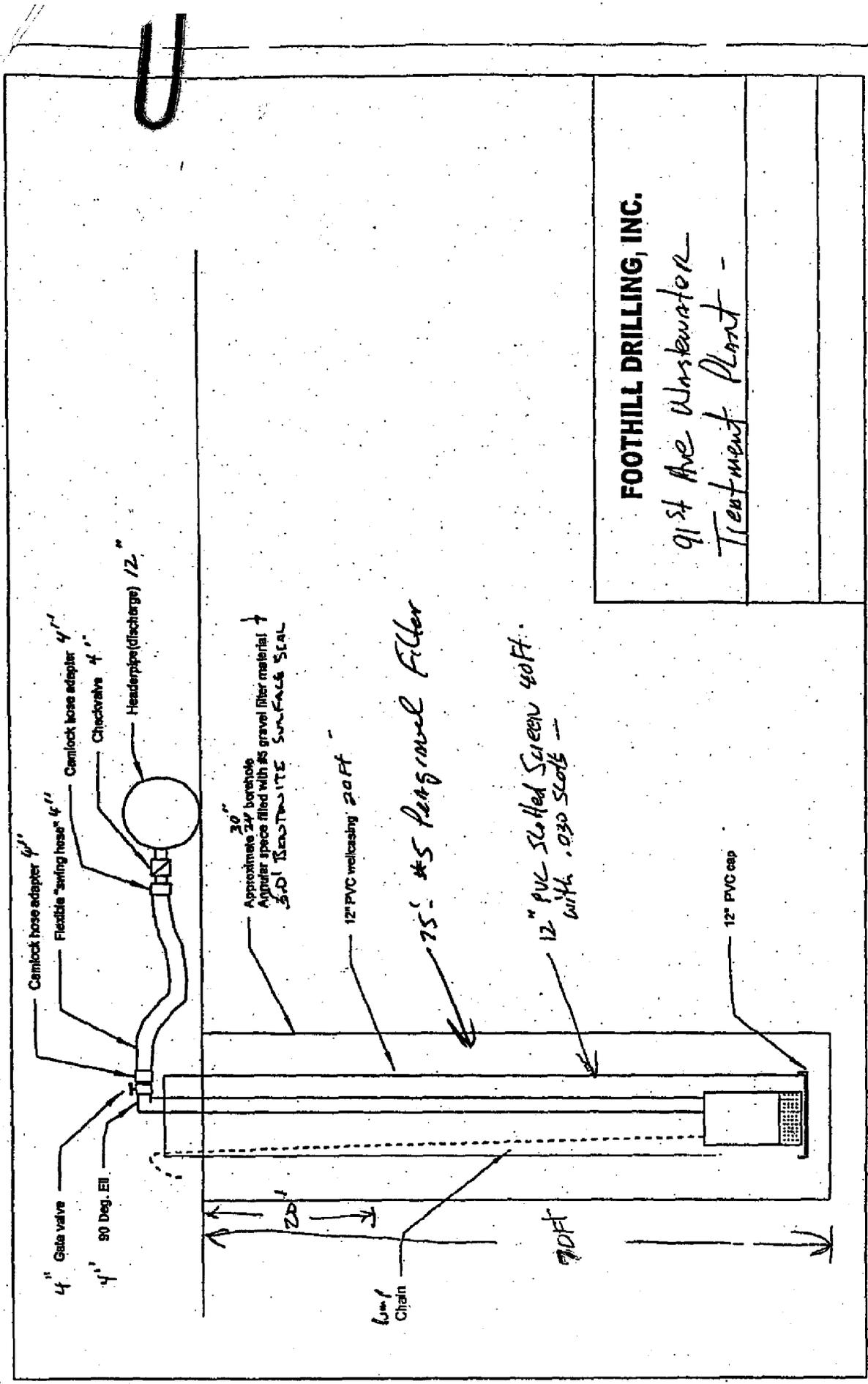
FILE NUMBER A (1-1) 27 DCD
WELL REGISTRATION NUMBER 55 - 217012
PERMIT NUMBER (IF ISSUED) 59-217011

** PLEASE PRINT CLEARLY **

SECTION 1. REGISTRY INFORMATION						
Well Owner			Location of Well			
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Foothill Engineering & Dewatering			WELL LOCATION ADDRESS (IF ANY) 91 st Ave Waste Water Treatment Plant			
MAILING ADDRESS 905 Ethna St			TOWNSHIP (N/S) 1N	RANGE (E/W) 4E	SECTION 27	160 ACRE 56 1/4
CITY / STATE / ZIP CODE Corona, CA 92875			LONGITUDE 112° 14' 38.34"W		40 ACRE SW 1/4	10 ACRE SE 1/4
CONTACT PERSON NAME AND TITLE Wendell Bradford			LAND SURFACE ELEVATION AT WELL 972 Feet Above Sea Level			
TELEPHONE NUMBER 951-737-5391		FAX	METHOD OF LATITUDE / LONGITUDE (CHECK ONE) <input type="checkbox"/> USGS Quad Map <input checked="" type="checkbox"/> Conventional Survey <input type="checkbox"/> GPS: <input type="checkbox"/> Survey-Grade			
			COUNTY ASSESSOR'S PARCEL ID NUMBER			
BOOK 101		MAP 33	PARCEL 001-D			
COUNTY WHERE WELL IS LOCATED Maricopa						

SECTION 2. DRILLING AUTHORIZATION	
Drilling Firm	
NAME Foothill Engineering & Dewatering	
DWR LICENSE NUMBER 168	
TELEPHONE NUMBER 951-737-5391	FAX 951-737-0792

SECTION 3. WELL CONSTRUCTION DETAILS		
DATE WELL CONSTRUCTION STARTED 1/25/08	DATE WELL CONSTRUCTION COMPLETED 3/1/08	IF FLOWING WELL, METHOD OF FLOW REGULATION <input type="checkbox"/> Valve <input type="checkbox"/> Other:
Drill Method	Method of Well Development	Method of Sealing at Reduction Points
CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Reverse Circulation <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Percussion / Odex Tubing <input checked="" type="checkbox"/> Other (please specify): Bucket Rig	CHECK ONE <input type="checkbox"/> Airlift <input type="checkbox"/> Bail <input type="checkbox"/> Surge Block <input checked="" type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify): Water Level Information STATIC WATER LEVEL 34 Feet Below Land Surface DATE MEASURED 1/25/08	CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify):

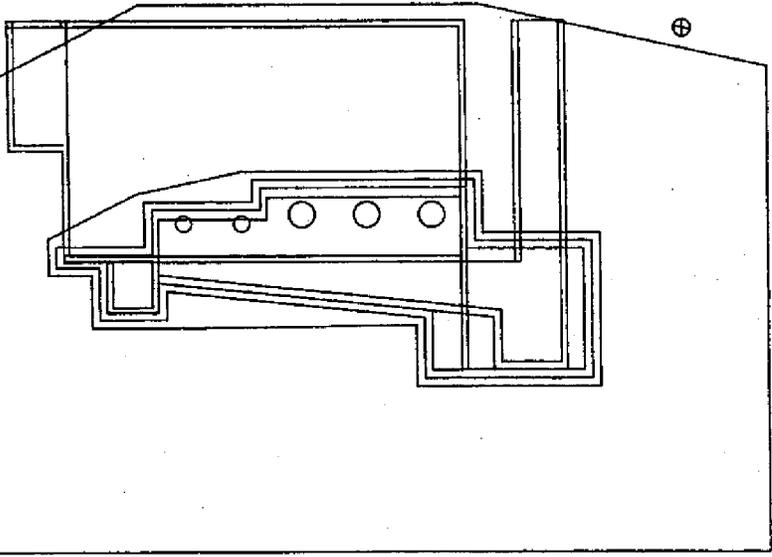


FOOTHILL DRILLING, INC.
 91st Ave Wastewater
 Treatment Plant -

33 23 32.5176
 112 14 36.34436
 N. 870444.802 ⊕
 E. 600099.026

33 23 31.88037
 112 14 36.74517
 N. 870380.382 ⊕
 E. 600098.750

33 23 31.14543
 112 14 36.3406
 N. 870306.100 ⊕
 E. 600098.416



⊕ N. 870284.518
 E. 600235.898
 33 23 30.93615
 112 14 36.72397

⊕ N. 870258.820
 E. 600164.736
 33 23 30.67967
 112 14 37.96237

*This Well
 Not Drilled.*

		UPOS PROJECT A PHOENIX, AZ EXCAVATION LIMITS TITLE ROW 2 001	
11/17/07 11/17/07	11/17/07 11/17/07	11/17/07 11/17/07	11/17/07 11/17/07
11/17/07 11/17/07	11/17/07 11/17/07	11/17/07 11/17/07	11/17/07 11/17/07

PERMIT NO. 59-217011.0000

Maximum Amount of Groundwater
to be Withdrawn: 2,700 acre feet per annum

Authorized Disposition of
Groundwater Withdrawn: Discharge into the Salt River

Authorized Points of Withdrawal
or Measurements:

Authorized Well Registration Numbers:	File Numbers:	Depth of Well	Casing Diameter	Casing Material
55-217012	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217013	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217014	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217015	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217016	A (1-1) 27 DCD	70 feet	12 inches	PVC

Effective Date of Permit: February 20, 2008

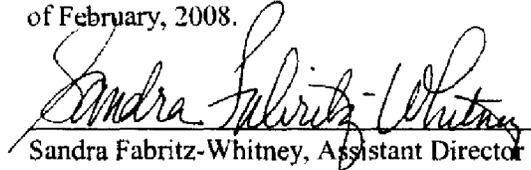
Expiration Date of Permit: October 19, 2009

Permit Conditions

1. If the permitted wells are not completed on or before October 19, 2009 the Permittee will be required to file a new application, and secure a new permit before proceeding with construction.
2. The permittee shall monitor and measure withdrawals of groundwater and shall report the total amount of groundwater withdrawn on an Annual Water Withdrawal and Use Report. The first annual reporting period shall be from the date of issuance of this permit through December 31, 2008 or the expiration date of the permit, whichever comes first.
3. The issuance of the permit does not waive any federal, state, county or local government ordinances, regulations or permits for which the facility may have to comply.
4. The wells drilled for this project shall be drilled in compliance with the Arizona Department of Water Resources minimum well construction standards, A.A.C. R12-15-811. The variances, covering the use of PVC well screens and casings and allowing for

the use of 5 ft. bentonite tablet well seals, are granted contingent upon prompt, legal abandonment of the wells pursuant to A.A.C. R12-15-816 upon termination of the permit.

WITNESS my hand and seal of office this 25th day
of February, 2008.


Sandra Fabritz-Whitney, Assistant Director



ARIZONA DEPARTMENT OF WATER RESOURCES
PERMIT TO WITHDRAW GROUNDWATER FOR
EMERGENCY TEMPORARY DEWATERING
PURSUANT TO A.R.S. § 45-518

PERMIT NO. 59-217010.0000

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

This is to certify that Application No. 59-217010.0000 meets the requirements of Title 45, Chapter 2, Article 7, Arizona Revised Statutes, for an Emergency Temporary Dewatering Permit. The Director hereby grants the applicant a permit to withdraw groundwater for emergency temporary dewatering pursuant to A.R.S. § 45-518, subject to the following limitations and conditions:

Permit Limitations

Permittee: Foothill Engineering & Dewatering Inc.
 905 E. Third Street
 Corona, CA 92879

Active Management Area: Phoenix

Sub-basin: West Salt River Valley

PERMIT NO. 59-217010.0000

Maximum Amount of Groundwater
to be Withdrawn: 2700 acre feet

Authorized Disposition of
Groundwater Withdrawn: Discharge into the Salt River

Authorized Points of Withdrawal or Measurements:

Authorized Well Registration Numbers:	File Numbers:	Depth of Well	Casing Diameter	Casing Material
55-217012	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217013	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217014	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217015	A (1-1) 27 DCD	70 feet	12 inches	PVC
55-217016	A (1-1) 27 DCD	70 feet	12 inches	PVC

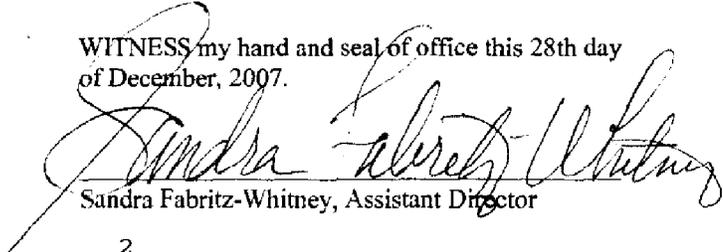
EFFECTIVE DATE OF PERMIT: December 28, 2007

EXPIRATION DATE OF PERMIT: The permit will expire at such time the conditions that gave rise to the issuance of this Emergency Temporary Dewatering Permit no longer exist or until a Temporary Dewatering Permit is issued or denied.

Permit Conditions

1. The permittee shall monitor and measure withdrawals of groundwater and shall report the total amount of groundwater withdrawn on an Annual Water Withdrawal and Use Report. The first annual reporting period shall be from January 1, 2008 through December 31, 2008 or the expiration date of the permit, whichever comes first.
2. The issuance of the permit does not waive any federal, state, county or local government ordinances, regulations or permits for which the facility may have to comply.
3. The well drilled for this project shall be drilled in compliance with the Arizona Department of Water Resources minimum well construction standards, A.A.C. R12-15 811.

WITNESS my hand and seal of office this 28th day
of December, 2007.


Sandra Fabritz-Whitney, Assistant Director

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT DIVISION

3550 North Central Avenue
Phoenix, Arizona 85012

VARIANCE GRANTED

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-217012 through 55-217016

PERMIT NO.: 59-217011

AUTHORIZED DRILLER: FOOTHILL ENGINEERING & DEWATERING INC.

LICENSE NO: 168

AUTHORITY TO DRILL A NON-EXEMPT WELL(S) INSIDE THE PHOENIX ACTIVE MANAGEMENT AREA FOR
TEMPORARY DEWATERING PURPOSES HAS BEEN GRANTED TO:

WELL OWNER: FOOTHILL ENGINEERING & DEWATERING INC. 905 E. THIRD STREET CORONA, CA 92879

The well(s) is/are to be located in the:

SE ¼ of the SW ¼ of the SE ¼ Section 27 Township 1 North Range 1 East

No. of well(s) in this project: 5

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 19th DAY OF OCTOBER, 2009.


WATER MANAGEMENT DIVISION



THE DRILLER MUST FILE A LOG OF THE WELL
WITHIN 30 DAYS OF COMPLETION OF DRILLING

ARIZONA DEPARTMENT OF WATER RESOURCES

3550 North Central Avenue, Phoenix, Arizona 85012

Telephone 602 771-8585

Fax 602 771-8688



Janet Napolitano
Governor

Herbert R. Guenther
Director

December 28, 2007

Foothill Engineering & Dewatering Inc.
Attention: Wendell Bradford
905 E. Third Street
Corona, CA 92879

RE: Permit to Withdraw Groundwater for Emergency Temporary Dewatering
Permit No. 59-217010.0000
Well Registration Numbers 55-217012 through and including 55-217016

Dear Permittee:

Your permit as referenced above is enclosed for your records. This permit is being issued to you for your emergency situation and will provide authorization for you to begin to operate for your construction project. This permit will terminate once the emergency conditions no longer apply or at such time as the Department officially approves or denies your application for Temporary Dewatering Application No. 59-217011.0000, which is currently under consideration.

The request for variance of these wells is granted contingent upon prompt, legal abandonment of the wells pursuant to the Minimum Construction Standards. Please note that anyone wishing to use Alternative 4 (Variance Option) for an abandonment method per A.A.C. R12-15-816, must first apply to the ADWR for a variance from the well abandonment rule.

Should your construction project be finished prior to the time that the Temporary Dewatering permit has been approved or denied, you may officially withdraw the application from further consideration by this Department. If legal noticing has been commenced, you will be required to pay the actual cost of publication of the notice for this project pursuant to the provisions of A.A.C. R12-15-151.C. even if you choose to withdraw the application.

Pursuant to the provisions of A.R.S. § 45-604, any person withdrawing groundwater must use a water-measuring device to record the rates of withdrawal in order to provide or allow the computation of an annual volume of pumpage. The total volume of pumpage from all measuring points shall be reported on an Annual Water Withdrawal and Use Report. An Annual Report shall be mailed to you after January 10, 2008 for withdrawals occurring within calendar year 2007. You will be required to file an Annual Report for both the Emergency and the Temporary Dewatering Permits. If the Temporary Dewatering Permit is withdrawn or denied, all



withdrawals from these wells and/or sump pumps must be reported on the Annual Report for the Emergency Permit.

The Department has issued this Emergency Temporary Dewatering permit pursuant to A.R.S. § 45-518 of the Groundwater Code. The legal nature of the water withdrawn may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your wells and/or sump pumps, you will be notified and be given the opportunity to participate.

If you have any questions about your permit, please contact Tana Zachreson at 602-771-8585.

Sincerely,



Vanessa Reyes
Water Resource Specialist

Enclosures

cc: Tana Zachreson, Phoenix AMA
File

ARIZONA DEPARTMENT OF WATER RESOURCES
HYDROLOGY DIVISION -- WATER QUALITY UNIT

MEMORANDUM

TO: Vanessa Reyes, Phoenix AMA
Sharon Ward, Phoenix AMA
Tana Zachreson, Phoenix AMA
Kevin Crago, Phoenix AMA
FROM: Dani Williams *du*
Water Quality Unit
DATE: December 19, 2007
SUBJECT: Application for Permit to Withdraw Groundwater for Temporary/ Emergency
Dewatering in an AMA
Application 59-217010 & 217011 Well 55-217012-55-217016
Foothill Engineering & Dewatering Inc.

Hydrology has reviewed the above referenced application for a permit to withdraw groundwater for water quality concerns and well construction for conformance to Arizona well construction standards.

Water Quality

1. The wells are not near an area of known groundwater contamination that is being remediated pursuant to an U.S. Environmental Protection Agency, Arizona Department of Environmental Quality (ADEQ), or Department of Defense program.
2. According to the ADEQ Groundwater Database, sample results from wells located within one mile of the proposed well exceed the primary maximum contaminant level (MCL) for nitrate (as NO₃), secondary MCLs in total dissolved solids, chloride and sulfate, and the Arizona Health Based Guidance Level (HBGL) for Vanadium. No other water quality data are readily available.

Well Construction Standards

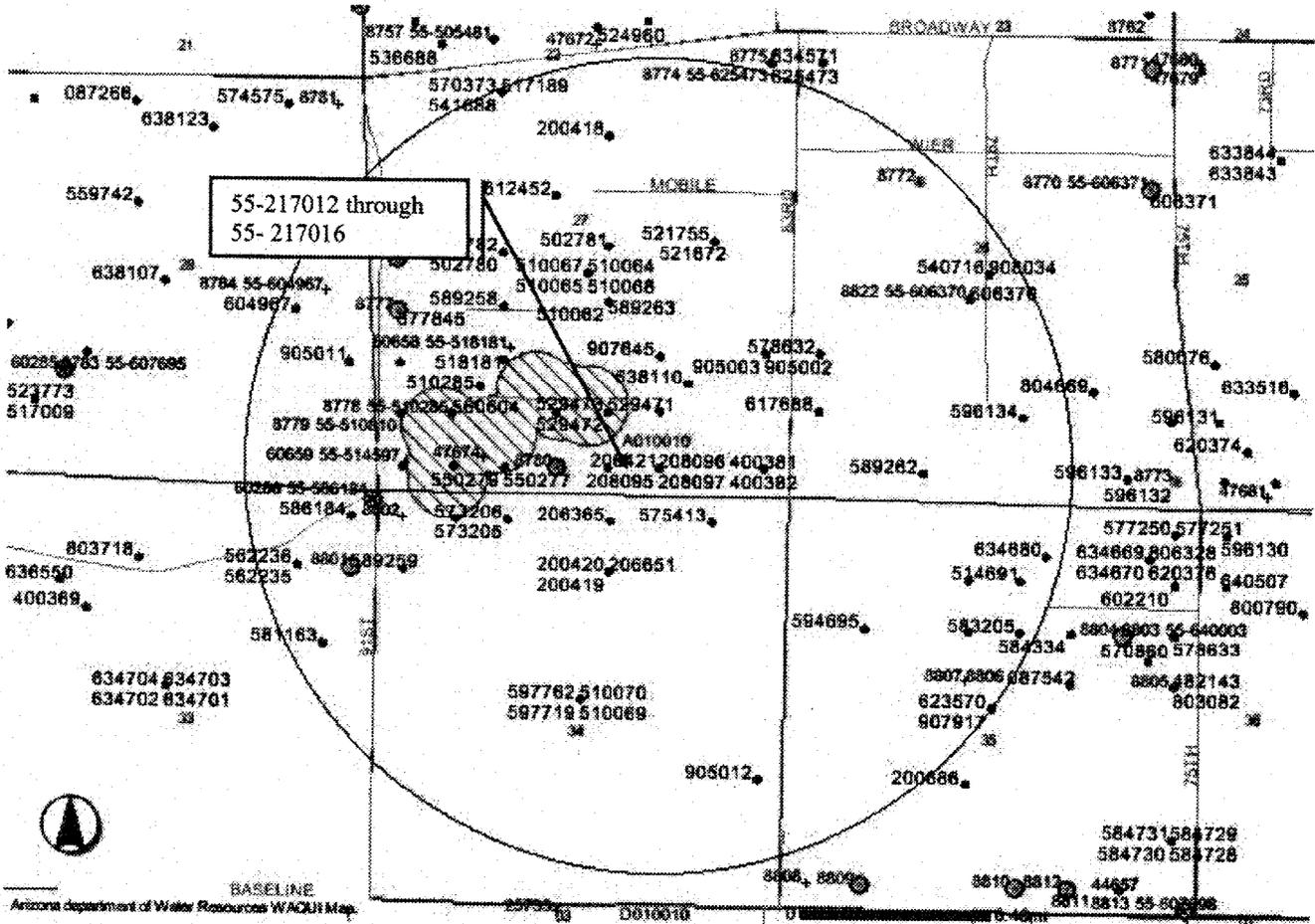
3. The wells will be drilled to 70 feet below the land surface and screened from 40 to 70 feet. The wells will be completed in the upper alluvial unit. The wells meet minimum well construction standards and note the variances of the use of PVC well screens and casings and the use of 5 ft. bentonite tablet well seals. No special well construction requirements are necessary.

The Hydrology Water Quality Unit has no objections to approving this permit. If additional information is needed, please contact me at extension 1-8555.

C: Alene McCracken, Hydrology
Enclosure Water Quality map
Water Quality Table



**59-217010 (EMERGENCY DEWATERING) & 59-217011 55-217012 -217016
FOOTHILLS ENGINEERING & DEWATERING INC
PERMIT TO WITHDRAW GROUNDWATER FOR TEMORARY
DEWATERING PURPOSES WITHIN AN AMA
A (1-1) 27 DCD**



Arizona Department of Water Resources WACRM Map.

Working Together



**Arizona
Department
of Environmental
Quality**



**Arizona
Department
of Water
Resources**

Map generated on 12/19/2007

Water Quality Sample Test Results for ADEQ Wells

Information provided is preliminary and subject to revision.

It may not represent the full extent of known water quality concerns.

- Legend**
- Highlighted Feature
 - ▨ theBufferPolygone
 - theBufferTarget
 - ADEQ Wells
 - Wells > MCL
 - Wells > Secondary MCL
 - ★ Wells > MCL
 - + No Exceedence
 - REGISTERED WELLS
 - Streets
 - Sections
 - Townships
 - ▨ GWR LUST Buffer
 - ▨ RCRA Site Buffer

59-217010 (Emergency Dewatering) 59-217011 55-217012-16 Foothills Engineering Dewatering Inc
 Permit to Withdraw Groundwater for Temporary Dewatering within an AMA
 D(1-1) 27 DCD

ADEQ Wells

Rec	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	Sample Date	Parameter Name	HBGL	HBGL Units	DEQ Well	Registry ID
22	1792	mg/L		mg/L			500	mg/L	JUN 07 1984	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			8800	55-607694
23	1639	mg/L		mg/L			500	mg/L	JUN 06 1986	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			8800	55-607694
24	2286	mg/L		mg/L			500	mg/L	AUG 17 1987	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			8800	55-607694
25	1973	mg/L		mg/L			500	mg/L	JUL 26 1988	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			8800	55-607694
26	1914	mg/L		mg/L			500	mg/L	AUG 21 1990	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			8800	55-607694
1	840	mg/L		mg/L			250	mg/L	JUN 19 1980	CHLORIDE, TOTAL IN WATER			8801	
5	557.96	mg/L		mg/L			250	mg/L	JUL 27 1984	CHLORIDE, TOTAL IN WATER			8800	55-607694
6	669.62	mg/L		mg/L			250	mg/L	AUG 22 1986	CHLORIDE, TOTAL IN WATER			8800	55-607694
7	875.93	mg/L		mg/L			250	mg/L	AUG 18 1987	CHLORIDE, TOTAL IN WATER			8800	55-607694
10	876	mg/L		mg/L			250	mg/L	AUG 17 1987	CHLORIDE, TOTAL IN WATER			8800	55-607694
11	558	mg/L		mg/L			250	mg/L	JUN 07 1984	CHLORIDE, TOTAL IN WATER			8800	55-607694
12	670	mg/L		mg/L			250	mg/L	JUN 06 1986	CHLORIDE, TOTAL IN WATER			8800	55-607694
13	659.56	mg/L		mg/L			250	mg/L	JUL 26 1988	CHLORIDE, TOTAL IN WATER			8800	55-607694
14	691	mg/L		mg/L			250	mg/L	AUG 21 1990	CHLORIDE, TOTAL IN WATER			8800	55-607694
27	470	mg/L		mg/L			250	mg/L	JUL 03 1980	CHLORIDE, TOTAL IN WATER			8800	55-607694
91	1100	mg/L		mg/L			250	mg/L	JUL 01 1980	CHLORIDE, TOTAL IN WATER			8772	
93	3	ug/L	3	ug/L					JUL 01 1980	COBALT, DISSOLVED (AS CO)	0.7	ug/L	8780	
15	62	mg/L		mg/L	45	mg/L			AUG 22 1986	NITRATE NITROGEN, TOTAL (AS NO3)			8800	55-607694
16	62	mg/L		mg/L	45	mg/L			JUN 06 1986	NITRATE NITROGEN, TOTAL (AS NO3)			8800	55-607694
17	49.61	mg/L		mg/L	45	mg/L			JUL 26 1988	NITRATE NITROGEN, TOTAL (AS NO3)			8800	55-607694
2	310	mg/L		mg/L			250	mg/L	JUN 19 1980	SULFATE, TOTAL (AS SO4)	400	mg/L	8801	
8	435.16	mg/L		mg/L			250	mg/L	JUL 27 1984	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
9	422.67	mg/L		mg/L			250	mg/L	AUG 18 1987	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
18	435	mg/L		mg/L			250	mg/L	JUN 07 1984	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
19	423	mg/L		mg/L			250	mg/L	AUG 17 1987	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
20	312.19	mg/L		mg/L			250	mg/L	JUL 26 1988	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
21	257	mg/L		mg/L			250	mg/L	AUG 21 1990	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
92	330	mg/L		mg/L			250	mg/L	JUL 01 1980	SULFATE, TOTAL (AS SO4)	400	mg/L	8800	55-607694
4	8	ug/L		ug/L					JUN 19 1980	VANADIUM, DISSOLVED (AS V)	7	ug/L	8801	

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT DIVISION

3550 North Central Avenue, Phoenix, Arizona 85012
Phone (602) 771-8585 Fax (602) 771-8688

WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 217012

1. Well Location:

SE ¼ of the SW ¼ of the SE ¼, Sec. 27, Township 1 Range 1 East.
10AC 40AC 160AC

2. Position Location of the Well:

Latitude 33° 23' 30.93615" Longitude 112° 14' 36.7297"

Datum: NAD 83 • NAD 27 • Other: _____

3. County Maricopa

4. Date construction to start: Jan 18, 2008

5. Time period well will remain in use: _____

6. Is pump equipment to be installed? Yes. If so, design pump capacity: 500 GPM.

7. Well construction plan:

a. Drilling method (mud rotary, hollow-stem auger, etc.) Bucket Auger

b. Borehole diameters 30" inches from 0 feet to 70' feet.
_____ inches from _____ feet to _____ feet.

c. Casing materials 12" PVC

d. Method of well development (bail, air lift, surge, etc.) Air Lift & Surge

e. Will surface or conductor casing extend above grade? No

8. Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 et seq. Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.

Pursuant to Arizona Revised Statutes (A.R.S.) § 45-594.B, all well construction, replacement, deepening and abandonment operations shall comply with the rules adopted pursuant to this section. Therefore, any existing well that is deepened or modified must be brought into compliance with minimum well construction standards specified above, if not already in compliance.

9. Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):

Cement Bentonite Grout

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? Yes No *The Wells are Located inside the 91st Ave WWTP*

11. Is this well to monitor existing contamination? Yes No

Potential contamination? Yes No If yes, please provide explanation: _____

12. Name of Consulting firm, if any: _____

Address _____ City _____ State _____ Zip _____

Contact Person: _____ Telephone Number: _____

13. Drilling firm Foothill Engineering & Drilling Inc.

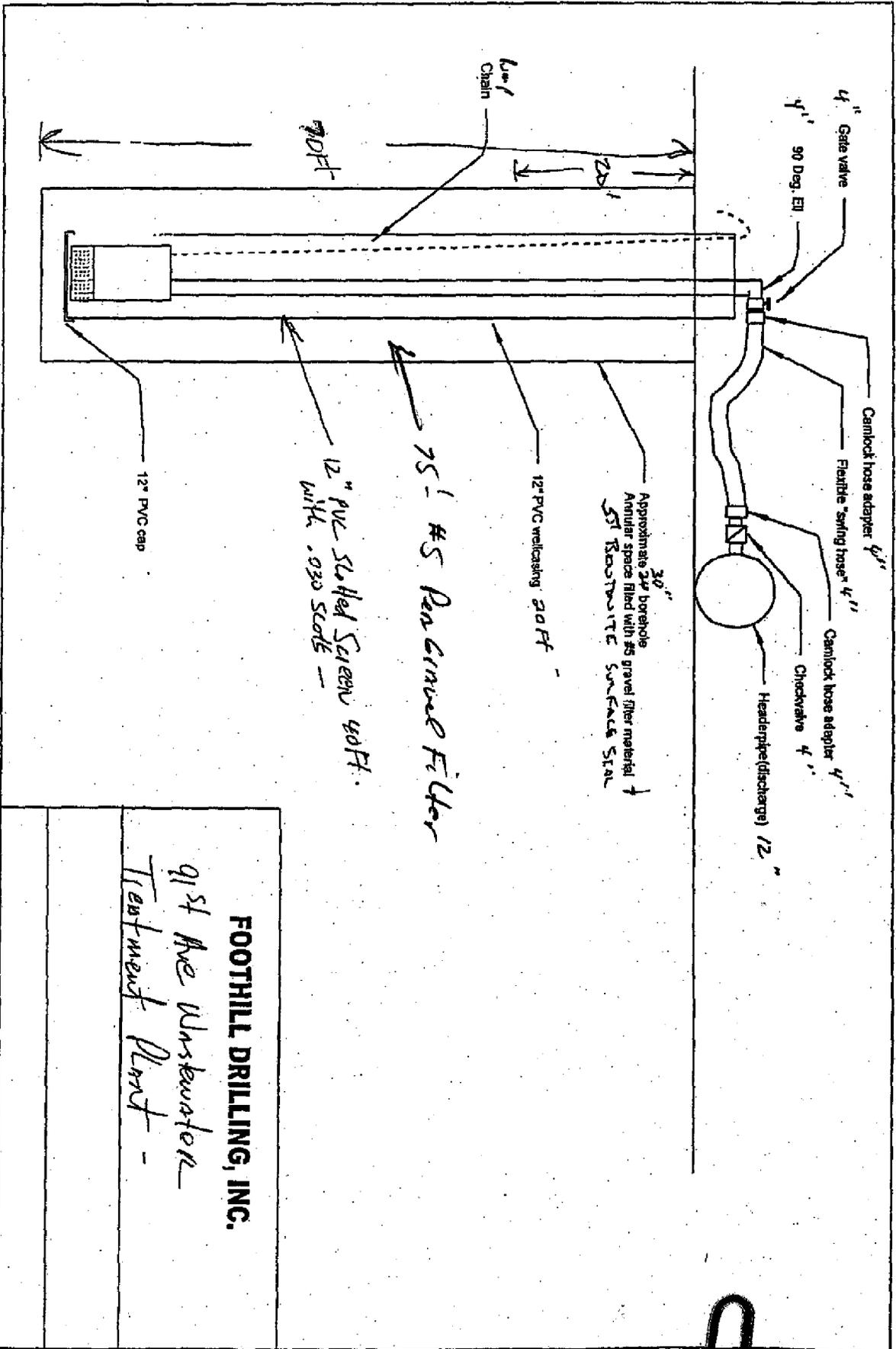
DWR License Number: 168 ROC License Category: Testing, Drilling, Boring & Augering

14. Special construction standards, if any, required pursuant to A.A.C. R12-15-821: _____

We request a variance per attached Detail

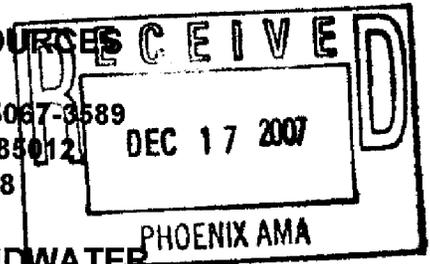
I (we), Wendell Beardford (print name) hereby affirm that all information provided in this application is true and correct to the best of my/our knowledge and belief.

Signature of Applicant  Date 12/10/07



FOOTHILL DRILLING, INC.
 91st Ave Winstevaton
 Treatment Plant -

ARIZONA DEPARTMENT OF WATER RESOURCES
 WATER MANAGEMENT DIVISION
 MAIL TO: P.O. BOX 33589, PHOENIX, ARIZONA 85067-3589
 3550 North Central Avenue, Phoenix, Arizona 85012
 Phone (602) 771-8585 • Fax (602) 771-8688



**APPLICATION FOR PERMIT TO WITHDRAW GROUNDWATER
 FOR TEMPORARY DEWATERING PURPOSES
 WITHIN AN ACTIVE MANAGEMENT AREA (A.R.S. § 45-518)**

I. INSTRUCTIONS:

1. COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN IN DESIGNATED PLACE.
2. Mail to P.O. Box 33589, Phoenix, Arizona 85067-3589 or hand deliver to the above address.
3. Pursuant to A.R.S. § 45-113 the application fee is \$50.00
4. Pursuant to A.R.S. § 45-113 the permit fee is \$50.00 and will be requested prior to issuance of permit.
5. Use explanatory section on back for clarification.

FOR DEPARTMENT USE ONLY

Application/Permit No.	59-217010		
Filed	12/17/2007		
AMA	Phoenix		
S/B	West Salt River	W/S	Salt River

II. GENERAL DATA

1. Name of Applicant Foothill Engineering & Dewatering Inc
905 E. Third St CORONA, CA 92879 951-737-5391 Mailing
 Address City State Zip Telephone Number
2. TYPE OF TEMPORARY DEWATERING PERMIT (check only one box):
 - Dewatering permit necessary for the construction or structural integrity of improvements on the land from which the groundwater is proposed to be withdrawn. (This dewatering must be consistent with the AMA Management Plan).
 - An emergency dewatering permit to avoid property damage or inordinate expense or delay. A dewatering permit application of the first type above must be on file with the Department and under consideration. This emergency permit will terminate if the conditions that gave rise to its issuance no longer apply or if the above-mentioned dewatering permit is issued or denied, pursuant to A.R.S. § 45-518.D.
 - An extension of a dewatering permit of the types above. State application or permit #: _____
 The condition of the original permit must still apply and the water withdrawn pursuant to this extension must be used beneficially by persons who would otherwise be permitted to use groundwater legally. A permit can be extended for 5 years. Continued dewatering must not harm any person permitted to withdraw or use groundwater.
3. Groundwater will be withdrawn within the West Salt River sub-basin of the Phoenix Active Management Area.
4. State your plan for disposing of the groundwater withdrawn: Discharge to Salt River
5. If different from No. 1, state legal description, and owner's name and mailing address, of land on which the applicant proposes to dispose of the groundwater: 91st Ave Wastewater Treatment Plant

City of Phoenix	5165 83rd Ave	Phoenix	AZ	85043
Owner	Mailing address	City	State	Zip
6. Describe why dewatering is necessary for construction or structural integrity of improvements on the land where groundwater is proposed to be withdrawn: It is necessary to dewater for construction excavations extending below water tables.

7. Total amount of groundwater for which application is being made: 2700 acre feet. If this application is approved and a permit is granted, accurate and current records of groundwater withdrawal must be maintained, annual pumping reports must be submitted, and annual withdrawal fees must be paid to ADWR, pursuant to A.R.S. § 45-632.

8. Proposed duration of the dewatering: 240 days _____ months.

9. Groundwater to be withdrawn by means of:

A. Wells already in existence:

Registration Number	Location	Depth	Diameter of Casing	Casing Material
---------------------	----------	-------	--------------------	-----------------

55-_____	_____	_____	_____	_____
----------	-------	-------	-------	-------

55-_____	_____	_____	_____	_____
----------	-------	-------	-------	-------

B. New Wells:
Complete and attach Well Construction Supplement, DWR Form 55-90, for each new well.

C. Trench or Sand Points (describe here):

10. State your plans for the dewatering facilities (wells, etc.) after dewatering is completed. If a well is to be abandoned, this must be done by a licensed driller. Driller's name, mailing address, DWR Number and Registrar of Contractors License Category required here:

NAME OF DRILLER:

Foothill Engineering & Dewatering Inc - 951-737-5391
Name Telephone Number

905 E. Third St - Corona CA 92879
Mailing Address City State Zip Code

DWR License Number: 168 ROC License Category: Jetting, Driving Boring & Augering

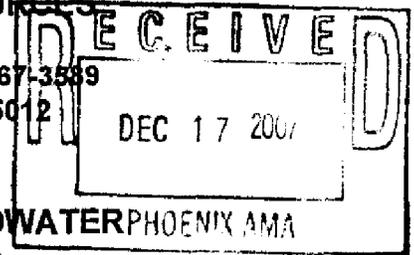
Explanatory: _____

It is understood that the Permit, if granted, will be issued in accordance with the Groundwater Code, Title 45, Chapter 2). The permittee will be bound by the provisions of such law and the provisions of the Permit issued.

I (we), Foothill Eng. & Dewatering Inc hereby affirm that all information provided in this application
(Print Name) is true and correct to the best of my/our knowledge.

Signature of Applicant(s) [Signature] Date 12/10/07

**ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT DIVISION
MAIL TO: P.O. BOX 33589, PHOENIX, ARIZONA 85067-3589
3550 North Central Avenue, Phoenix, Arizona 85012
Phone (602) 771-8585 • Fax (602) 771-8688**



**APPLICATION FOR PERMIT TO WITHDRAW GROUNDWATER
FOR TEMPORARY DEWATERING PURPOSES
WITHIN AN ACTIVE MANAGEMENT AREA (A.R.S. § 45-518)**

I. INSTRUCTIONS:

1. COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN IN DESIGNATED PLACE.
2. Mail to P.O. Box 33589, Phoenix, Arizona 85067-3589 or hand deliver to the above address.
3. Pursuant to A.R.S. § 45-113 the application fee is \$50.00
4. Pursuant to A.R.S. § 45-113 the permit fee is \$50.00 and will be requested prior to issuance of permit.
5. Use explanatory section on back for clarification.

FOR DEPARTMENT USE ONLY

Application/Permit No.	<u>59-217011</u>
Filed	<u>12/17/07</u>
AMA	<u>Phoenix</u>
S/B	<u>West Salt River</u> w/s <u>Salt River</u>

II. GENERAL DATA

1. Name of Applicant Foothill Engineering & Dewatering Inc
905 E. Third St Corona, CA 92879 951-737-5391 Mailing
 Address City State Zip Telephone Number

2. TYPE OF TEMPORARY DEWATERING PERMIT (check only one box):

- Dewatering permit necessary for the construction or structural integrity of improvements on the land from which the groundwater is proposed to be withdrawn. (This dewatering must be consistent with the AMA Management Plan).
- An emergency dewatering permit to avoid property damage or inordinate expense or delay. A dewatering permit application of the first type above must be on file with the Department and under consideration. This emergency permit will terminate if the conditions that gave rise to its issuance no longer apply or if the above-mentioned dewatering permit is issued or denied, pursuant to A.R.S. § 45-518.D.
- An extension of a dewatering permit of the types above. State application or permit #: _____
 The condition of the original permit must still apply and the water withdrawn pursuant to this extension must be used beneficially by persons who would otherwise be permitted to use groundwater legally. A permit can be extended for 5 years. Continued dewatering must not harm any person permitted to withdraw or use groundwater.

3. Groundwater will be withdrawn within the West Salt River sub-basin of the Phoenix Active Management Area.

4. State your plan for disposing of the groundwater withdrawn: Discharge to Salt River

5. If different from No. 1, state legal description, and owner's name and mailing address, of land on which the applicant proposes to dispose of the groundwater: 91st Ave Wastewater Treatment Plant

City of Phoenix	5165 83rd Ave	Phoenix	AZ	85043
Owner	Mailing address	City	State	Zip

6. Describe why dewatering is necessary for construction or structural integrity of improvements on the land where groundwater is proposed to be withdrawn: It is Necessary to Dewater for Construction Excavations extending below water tables.

7. Total amount of groundwater for which application is being made: 2700 acre feet. If this application is approved and a permit is granted, accurate and current records of groundwater withdrawal must be maintained, annual pumping reports must be submitted, and annual withdrawal fees must be paid to ADWR, pursuant to A.R.S. § 45-632.

8. Proposed duration of the dewatering: 240 days _____ months.

9. Groundwater to be withdrawn by means of:

A. Wells already in existence:

Registration Number	Location	Depth	Diameter of Casing	Casing Material
55- _____	_____	_____	_____	_____
55- _____	_____	_____	_____	_____

B. New Wells:
Complete and attach Well Construction Supplement, DWR Form 55-90, for each new well.

C. Trench or Sand Points (describe here):

10. State your plans for the dewatering facilities (wells, etc.) after dewatering is completed. If a well is to be abandoned, this must be done by a licensed driller. Driller's name, mailing address, DWR Number and Registrar of Contractors License Category required here:

NAME OF DRILLER:

Foothill Engineering & Dewatering Inc. - 951-737-5391
Name Telephone Number
905 E. Third St. Corona CA 92879
Mailing Address City State Zip Code
DWR License Number: 168 ROC License Category: Jetting, Drilling, Boring & Augering
Explanatory: _____

It is understood that the Permit, if granted, will be issued in accordance with the Groundwater Code, Title 45, Chapter 2). The permittee will be bound by the provisions of such law and the provisions of the Permit issued.

I (we), Foothill Eng. & Dewatering hereby affirm that all information provided in this application
(Print Name) is true and correct to the best of my/our knowledge.

Signature of Applicant(s) [Signature] Date 12/10/07