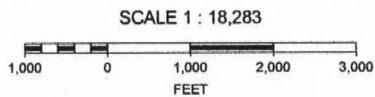
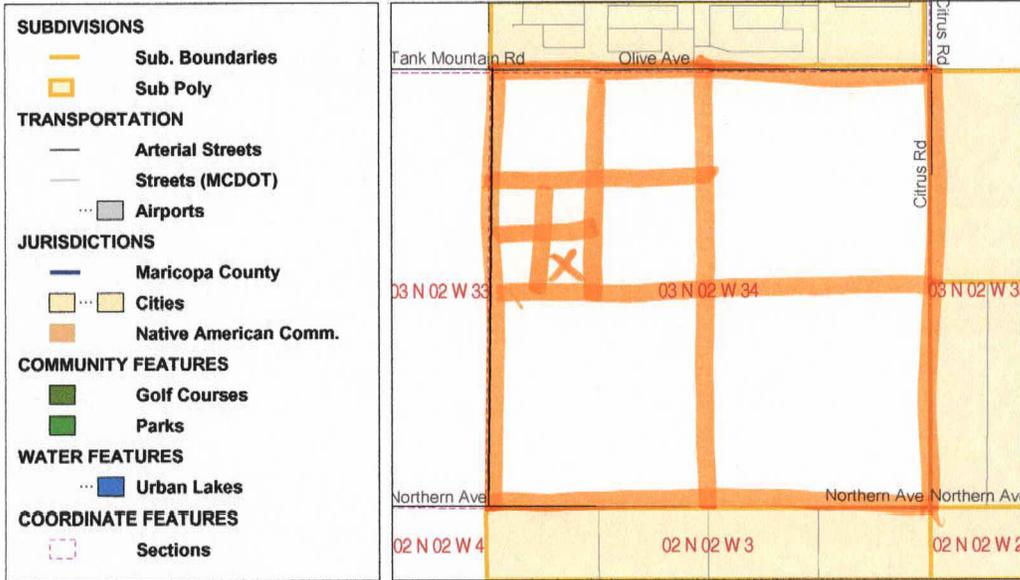
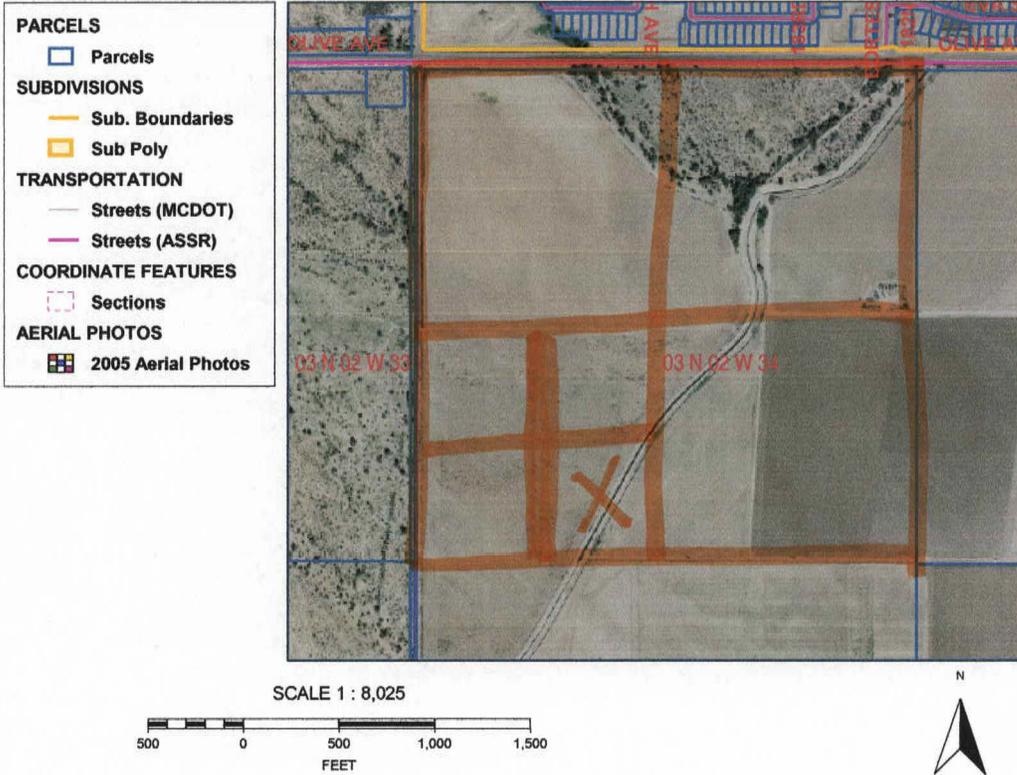


T3N, R2W, SECTION 34

SE, SW, NW 7₆ sec. 34



T3N, R2W, SECTION 34, NW 1/4





COPY

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004

Telephone 602 417-2465

Fax 602 417-2467



November 14, 2005

Rick Hurula
Stardust Development
6730 N. Scottsdale Road, #230
Scottsdale, Arizona 85253

Janet Napolitano
Governor

Herbert R. Guenther
Director

RE: Permit to Withdraw Groundwater for Hydrologic Testing No. 59-209197.0000
Well Registration No. 55-209198; File No. B (3-2) 34 BCD

Dear Permittee:

Your permit for the construction of the above-referenced well is enclosed. A drill card has not been issued pending your selection of a licensed well drilling contractor. Once you have selected a contractor and notified the Department of your selection in writing, the drill card will be mailed to the driller you selected. However, drilling of the well may not proceed until a site inspection has been completed and the drill card released to the driller.

Pursuant to the provisions of A.R.S. § 45-604, any person withdrawing groundwater from a well is required to use a water measuring device to record rates of withdrawal in order to provide or allow the computation of an annual volume of pumpage from the well. The total volume of pumpage shall be reported on an annual report. The first annual reporting period shall be from the date of issuance of this permit until the end of the year 2005, or the expiration date of the permit, whichever comes first. Additionally, within sixty (60) days upon completion of the hydrologic testing, the permittee shall provide the results of the test data to the Arizona Department of Water Resources, to Darlene Sumpter-King, Water Management Division office for evaluation.

Under A.R.S. § 45-593, the person to whom a well is registered must notify the Department of a change in ownership, physical characteristics or any other data about the well in order to keep the well registration records current and accurate. For such future use, a Request to Change Well Information form is enclosed.

The Department has issued the authorization of this hydrologic testing permit pursuant to A.R.S. § 45-519.01 of the Groundwater Code. The legal nature of the water withdrawn from your well 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 well, you will be notified and be given the opportunity to participate.

Stardust Development
November 14, 2005
Page two

The permit has been issued by this Department without a hearing. As such, it is an appealable agency action. You are entitled to appeal and your rights are described in the enclosed notice of right to appeal.

If you have any questions about the permit, please call Sharon Ward of the Phoenix AMA office at 602-417-2465.

Sincerely,

A handwritten signature in black ink, appearing to read "Darlene Sumpter-King". The signature is written in a cursive style with a large, looped initial "D".

Darlene Sumpter-King
Water Resource Specialist

Enclosure

cc: Steve Noel, Southwest Ground-water Consultants, Inc.
Sharon Ward, Phoenix Active Management Area
ADWR Hydrology Division

PERMIT NO. 59-209197.0000

Maximum Authorized Withdrawals: 10 acre-feet

Disposition of Groundwater: Water will be used for on-site construction

Authorized Well Registration Number	File Number	Depth of Well	Casing Diameter	Casing Material
55-209198	B (3-2) 34 BCD	1620 feet	18 $\frac{3}{8}$ inches	Steel

Effective Date of Permit: November 14, 2005

Expiration Date of Permit: November 13, 2006

Permit Conditions

1. Within sixty (60) days upon completion of the hydrologic testing, the permittee shall provide the results of the test data to the Arizona Department of Water Resources for evaluation. Results shall be mailed to Darlene Sumpter-King, Phoenix Active Management Area, Arizona Department of Water Resources, 500 North Third Street, Phoenix, Arizona 85004.
2. This approval for test wells and pump test does not constitute a commitment by the Department for the granting of a right to withdraw groundwater or converting the test well into a production well.
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.
4. 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.
5. The permittee shall monitor 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, 2005, or the expiration date of this permit, whichever comes first.

WITNESS my hand and seal of office this 14th day of November 2005.


Sandra Fabritz-Whitney, Assistant Director

COPY

From: Sharon Ward
To: Darlene Sumpter-King
Date: 10/24/05 4:43PM
Subject: Stardust Development, Hydrotest, 59-209197, Well # 55-209198

The Phoenix AMA recommends approval of the above-referenced application for Hydrologic Testing.

Thank you,
Sharon

CC: J.Scott Miller; Jeff Tannler

 **COPY**

From: Carol Norton
To: Sumpter-King, Darlene
Date: 9/27/05 10:57AM
Subject: 59-209197 Stardust Development Hydro Test

The Hydrology Division is in receipt of the above referenced Application to Withdraw Groundwater for Hydrologic Testing. The applicant intends to withdraw 10 acre feet of groundwater from one new well to be drilled, no. 55-209198 B(03-02)34 bcd. The purpose of the test is to calculate hydrologic coefficients. Groundwater withdrawn will be put to beneficial use via onsite construction use.

The Hydrology Division supports issuance of this permit with the following Special Condition:

1. Test results shall be submitted to Darlene Sumpter-King, Phoenix Active Management Area, Arizona Department of Water Resources, 500 North Third Street, Phoenix, Arizona 85004, within 60 days upon completion of the test(s). 9/27/5

CC: Modesto, Karen; Ward, Sharon; wrjasm; Zachreson, Tana

ARIZONA DEPARTMENT OF WATER RESOURCES
HYDROLOGY DIVISION
TECHNICAL SUPPORT SECTION - WQARF UNIT

MEMORANDUM

 **COPY**

DATE: October 18, 2005

TO: Darlene Sumpter-King, Groundwater Management Support
Scott Miller, Phoenix AMA

FROM: Karen Martini, WQARF Unit *KM*

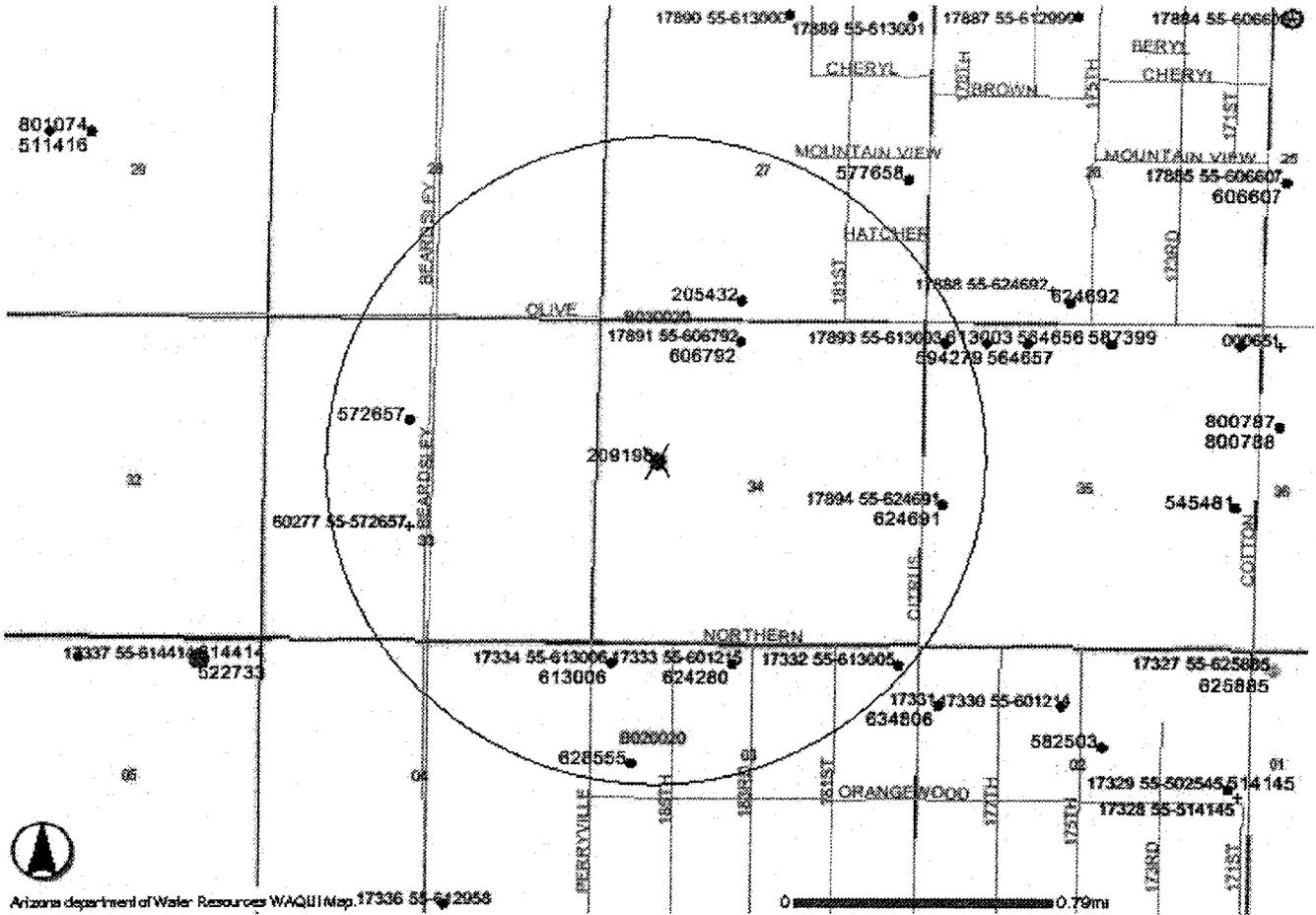
SUBJECT: **55-209198 – Stardust Development**

APPLICATION: **59-209197 - Permit to Withdraw Groundwater for Hydrologic Testing**

1. The area of groundwater withdrawal and use activities is not located in proximity to an area of known significant groundwater contamination. According to the Arizona Department of Environmental Quality (ADEQ) Groundwater Database, sample results from wells located within one mile of the withdrawal and use activities indicate that parameter concentrations exceed Maximum Contaminant Level (MCL) standards for Nitrate (N)-1934. The most recent samples for the wells within a mile of the withdrawal activities were taken in 1988, so current groundwater conditions are not known. See attached map and supporting information.
2. The WQARF Unit has no objections to issuance of the permit.
3. References: Water Quality Information Maps Program (attached), The Groundwater Code (Arizona Revised Statutes, Title 45, Chapter 2), and the rules adopted thereunder.
4. If more information is needed, contact me at (602) 417-2400, ext. 7175. Thank you.

attachments: as stated

Stardust Development / 59-209197 55-209198/ B(3-2)34BCD



Arizona department of Water Resources WAQIII Map 17336 55-612058

- Legend**
- Highlighted Feature *well*
 - theBufferPolygons
 - theBufferTarget
 - ADEQ Wells
 - Wells > MCL
 - Wells > Secondary MCL
 - Wells > MCL
 - No Exceedence
 - REGISTERED WELLS
 - Streets
 - Sections
 - Townships
 - GWR LUST Buffer
 - RCRA Site Buffer
 - VRP Site Buffer
 - Registry
 - 1 MI WQARF Buffer
 - WQARF Sites

Working Together



Arizona Department of Environmental Quality



Arizona Department of Water Resources

Map generated on 10/18/2005
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.

Groundwater Rights within 3000 Feet of Cadastral Location B03002034000

09/27/05

Scale 1:10560

28

26

OLIVE AVENUE

33

34

35

NORTHERN AVENUE

PERRYVILLE ROAD

CITRUS ROAD

130707.0002

130719.0000

130735.0000

105102.0121
105102.0035
105102.0108
105102.0137

130766.0001

130728.0000

-  IRRIGATION RIGHT
-  IRRIGATION NON-APPURTENANT
-  TYPE 1 RIGHT
-  TYPE 1 NON-APPURTENANT
-  EXEMPT SMALL RIGHT
-  EXEMPT SMALL GROUPING
-  INACTIVE/DEVELOPED
-  WITHDRAWN FROM IRRIGATION
-  EXTINGUISHED/IRR RIGHT
-  EXTINGUISHED/IRR NON-APPURTENANT
-  EXTINGUISHED/TYPE 1 RIGHT
-  EXTINGUISHED/TYPE 1 NON-APPURTENANT

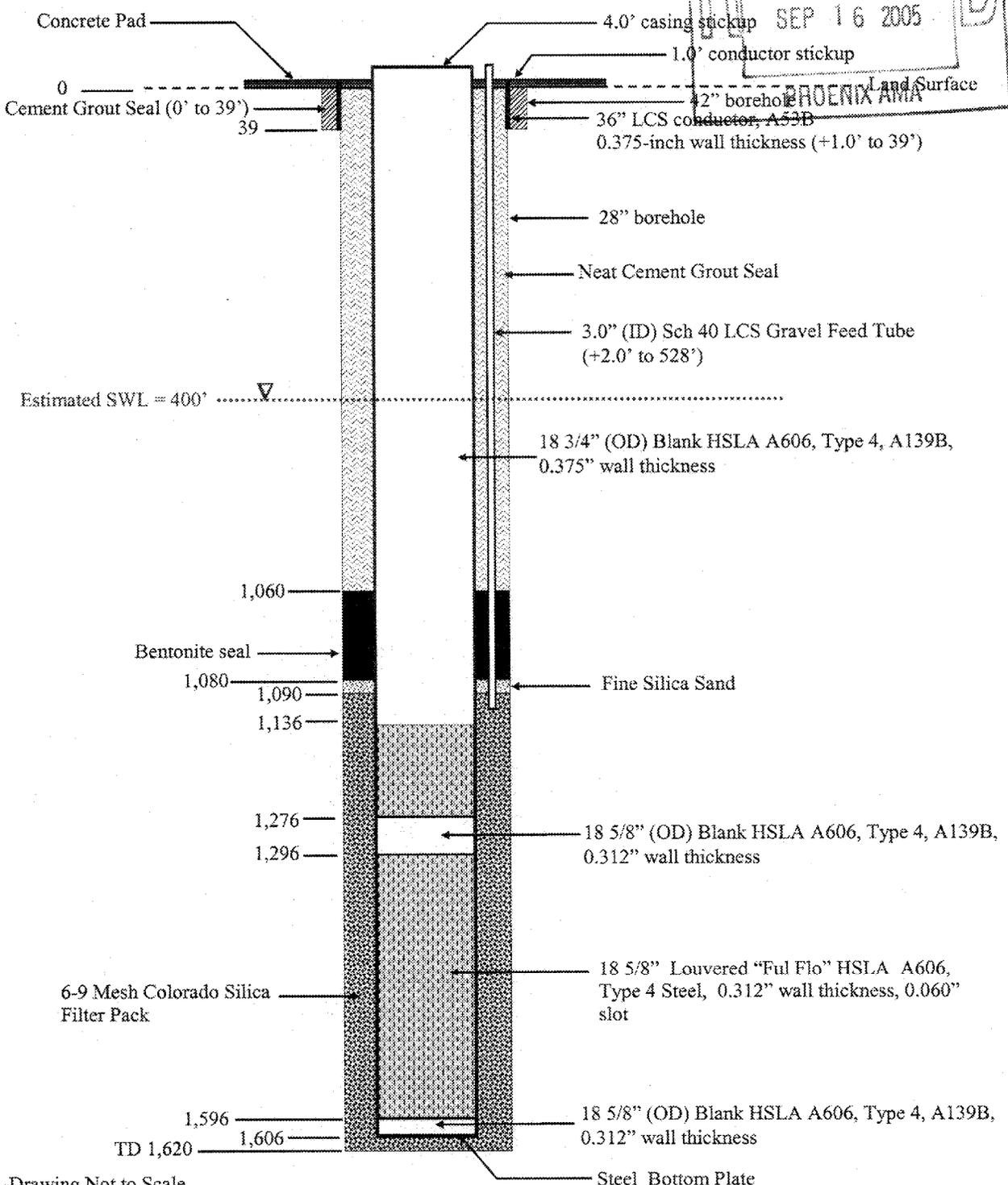
-  PARTIAL RETIRED/PARTIAL INACTIVE/DEVELOPED (SEE PLAT IN FILE)
-  PARTIAL RETIRED/PARTIAL INACTIVE/DEVELOPED NON-APPURTENANT (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL IRRIGATION RIGHT (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL IRRIGATION RIGHT NON-APPURTENANT (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL TYPE 1 (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL TYPE 1 NON-APPURTENANT (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL INACTIVE/DEVELOPED (SEE PLAT IN FILE)
-  PARTIAL EXTINGUISHMENT/PARTIAL INACTIVE/DEVELOPED NON-APPURTENANT (SEE PLAT IN FILE)



**ARIZONA
DEPARTMENT
OF WATER
RESOURCES**

Well No. 55-209198

RECEIVED
 SEP 16 2005
 MARICOPA COUNTY, ARIZONA



-Drawing Not to Scale
 -Casing Centralizers Every 80 feet

Southwest Ground-water

Consultants, Inc.
 September 14, 2005 Project B.1150

WELL DESIGN
CORTESSA #2
 Cortessa, Maricopa County, Arizona

Figure

Stardust Development 55-209198/59-209197
B(3-2)34BCD

ADEQ Wells Exceedences

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
1	17332	55-613005	62	mg/L		mg/L	45	mg/L					NOV 27 1934	NITRATE NITROGEN, DISSOLVED (AS NO3)

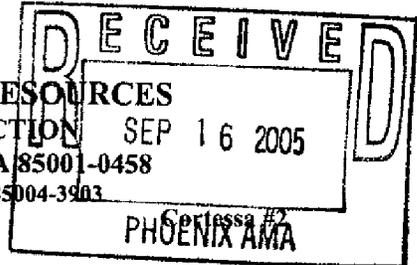
All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
1	17332	55-613005	35	mg/L		mg/L			250	mg/L			APR 23 1946	CHLORIDE, TOTAL IN WATER
2	17332	55-613005	27	mg/L		mg/L			250	mg/L	400	mg/L	APR 23 1946	SULFATE, TOTAL (AS SO4)
3	17332	55-613005	32	mg/L		mg/L							APR 23 1946	CALCIUM, DISSOLVED (AS CA)
4	17332	55-613005	61	mg/L		mg/L							1934	CALCIUM, DISSOLVED (AS CA)
5	17332	55-613005	30	mg/L		mg/L							JUN 23 1934	CALCIUM, DISSOLVED (AS CA)
6	17332	55-613005	12	mg/L		mg/L							APR 23 1946	MAGNESIUM, DISSOLVED (AS MG)
7	17332	55-613005	21	mg/L		mg/L							1934	MAGNESIUM, DISSOLVED (AS MG)
8	17332	55-613005	6	mg/L		mg/L							JUN 23 1934	MAGNESIUM, DISSOLVED (AS MG)
9	17332	55-613005			5	ug/L	100	ug/L			0.19	ug/L	SEP 14 1988	TRICHLOROETHANE (THMS) TOTAL IN WATER BY SUMMATION
10	17332	55-613005			0.01	ug/L	0.05	ug/L			0.0005	ug/L	SEP 14 1988	DIBROMOETHANE (EDB) (ETRYLENE DIBROMIDE)WHLWTR TOT
11	17332	55-613005	38	mg/L		mg/L	45	mg/L					APR 23 1946	NITRATE NITROGEN; DISSOLVED (AS NO3)
12	17332	55-613005	62	mg/L		mg/L	45	mg/L					NOV 27 1934	NITRATE NITROGEN; DISSOLVED (AS NO3)
13	17332	55-613005	6.2	mg/L		mg/L	45	mg/L					JUN 23 1934	NITRATE NITROGEN; DISSOLVED (AS NO3)
14	17332	55-613005	264	mg/L		mg/L							APR 23 1946	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
15	17332	55-613005	437	mg/L		mg/L							NOV 27 1934	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
16	17332	55-613005	297	mg/L		mg/L							JUN 23 1934	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
17	17332	55-613005	0.05	mg/L	0.05	mg/L							SEP 14 1988	PHOSPHORUS, TOTAL (AS P)
18	17332	55-613005			0.3	ug/L	2	ug/L			0.02	ug/L	SEP 14 1988	VINYL CHLORIDE, WHOLE WATER SAMPLE
19	17332	55-613005			0.01	ug/L	0.2	ug/L			0.03	ug/L	SEP 14 1988	DIBROMOCHLOROPROPANE (DBCP), TOTAL WATER
20	17332	55-613005			0.5	ug/L							SEP 14 1988	TRANS-1,3-DICHLOROPROPENE, TOTAL IN WATER
21	17332	55-613005			0.5	ug/L							SEP 14 1988	CIS-1,3-DICHLOROPROPENE, TOTAL IN WATER
22	17332	55-613005			0.5	ug/L	5	ug/L			0.38	ug/L	SEP 14 1988	1,2-DICHLOROETHANE, TOTAL WATER
23	17332	55-613005			1	ug/L	75	ug/L			75	ug/L	SEP 14 1988	1,4-DICHLOROBENZENE, TOTAL WATER
24	17332	55-613005			0.5	ug/L							SEP 14 1988	2-CHLOROETHYL VINYL ETHER, TOTAL WATER
25	17332	55-613005			0.5	ug/L					2100	ug/L	SEP 14 1988	TRICHLOROFLUOROMETHANE, TOTAL WATER

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
26	17332	55-613005			0.5 ug/L	200 ug/L	200 ug/L				200 ug/L	SEP 14 1988	1,1,1-TRICHLOROETHANE (TCA), TOTAL WATER	
27	17332	55-613005			0.5 ug/L						0.17 ug/L	SEP 14 1988	1,1,2,2-TETRACHLOROETHANE, TOTAL WATER	
28	17332	55-613005			0.5 ug/L							SEP 14 1988	CHLOROETHANE, TOTAL WATER	
29	17332	55-613005			0.5 ug/L	7 ug/L	7 ug/L				7 ug/L	SEP 14 1988	1,1-DICHLOROETHYLENE(T,1- DICHLOROETHENE)TOTAL WATER	
30	17332	55-613005			1 ug/L	600 ug/L	600 ug/L				600 ug/L	SEP 14 1988	1,2-DICHLOROBENZENE, TOTAL WATER	
31	17332	55-613005	48	mg/L	mg/L							APR 23 1946	SODIUM, DISSOLVED (AS NA)	
32	17332	55-613005	59	mg/L	mg/L							1934	SODIUM, DISSOLVED (AS NA)	
33	17332	55-613005	55	mg/L	mg/L							JUN 23 1934	SODIUM, DISSOLVED (AS NA)	
34	17332	55-613005	89	mg/L	mg/L		250 mg/L					1934	CHLORIDE, TOTAL IN WATER	
35	17332	55-613005	18	mg/L	mg/L		250 mg/L					JUN 23 1934	CHLORIDE, TOTAL IN WATER	
36	17332	55-613005	60	mg/L	mg/L		250 mg/L				400 mg/L	1934	SULFATE, TOTAL (AS SO4)	
37	17332	55-613005	40	mg/L	mg/L		250 mg/L				400 mg/L	JUN 23 1934	SULFATE, TOTAL (AS SO4)	
38	17332	55-613005	498	UMHOS/CM	UMHOS/CM							APR 23 1946	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	
39	17332	55-613005	708	UMHOS/CM	UMHOS/CM							NOV 27 1934	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	
40	17332	55-613005	4	mg/L	mg/L							1934	POTASSIUM, DISSOLVED (AS K)	
41	17332	55-613005	75	mg/L	mg/L							JUN 23 1934	HARDNESS, TOTAL (AS CaCO3)	
42	17332	55-613005			3 ug/L	10000 ug/L	10000 ug/L				10000 ug/L	SEP 14 1988	TOTAL XYLENES WHOLE WATER SAMPLE	
43	17332	55-613005	460	mg/L	mg/L			500 mg/L				NOV 27 1934	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)	
44	17332	55-613005	3.5	mg/L	mg/L		10 mg/L					SEP 14 1988	NITRITE PLUS NITRATE, TOTAL T DET. (AS N)	
45	17332	55-613005	148	mg/L	mg/L							APR 23 1946	BICARBONATE ION (AS HCO3)	
46	17332	55-613005	162	mg/L	mg/L							1934	BICARBONATE ION (AS HCO3)	
47	17332	55-613005	134	mg/L	mg/L							JUN 23 1934	BICARBONATE ION (AS HCO3)	
48	17332	55-613005	7.5	SU	SU			6.5 SU				1934	PH (STANDARD UNITS)	
49	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				3.2 ug/L	SEP 14 1988	TRICHLOROETHYLENE (TCE)	
50	17332	55-613005									9 ug/L	SEP 14 1988	(TRICHLOROETHENE)WHOLE WTR	
51	17332	55-613005			0.5 ug/L							SEP 14 1988	ALDICARB IN WHOLE WATER	
52	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				0.56 ug/L	SEP 14 1988	DICHLORODIFLUOROMETHANE, TOTAL WATER	
53	17332	55-613005			1 ug/L						620 ug/L	SEP 14 1988	1,2-DICHLOROPROPANE, TOTAL WATER	
54	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				0.67 ug/L	SEP 14 1988	1,3-DICHLOROBENZENE, TOTAL WATER	
55	17332	55-613005			0.5 ug/L							SEP 14 1988	TETRACHLOROETHYLENE	
56	17332	55-613005			0.5 ug/L							SEP 14 1988	(TETRACHLOROETHENE) (PCE) TOT WATER	
57	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				3 ug/L	SEP 14 1988	1,1,2-TRICHLOROETHANE, TOTAL WATER	
					0.5 ug/L						0.19 ug/L	SEP 14 1988	METHYL CHLORIDE (CHLOROMETHANE), TOTAL WATER	
58	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				4.7 ug/L	SEP 14 1988	METHYLENE CHLORIDE (DICHLOROMETHANE), TOTAL WATER	

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
59	17332	55-613005			1 ug/L	100 ug/L	100 ug/L				100 ug/L	100 ug/L	SEP 14 1988	CHLOROBENZENE, TOTAL WATER
60	17332	55-613005			0.5 ug/L	100 ug/L	100 ug/L				0.19 ug/L	0.19 ug/L	SEP 14 1988	BROMODICHLOROMETHANE, WHOLE WATER
61	17332	55-613005			0.5 ug/L	5 ug/L	5 ug/L				0.27 ug/L	0.27 ug/L	SEP 14 1988	CARBON TETRACHLORIDE, WHOLE WATER
62	17332	55-613005			3 ug/L	100 ug/L	100 ug/L				0.19 ug/L	0.19 ug/L	SEP 14 1988	BROMOFORM, WHOLE WATER
63	17332	55-613005			2 ug/L	100 ug/L	100 ug/L				0.19 ug/L	0.19 ug/L	SEP 14 1988	DIBROMOCHLOROMETHANE, WHOLE WATER
64	17332	55-613005			0.5 ug/L	100 ug/L	100 ug/L				6 ug/L	6 ug/L	SEP 14 1988	CHLOROFORM, WHOLE WATER
65	17332	55-613005			0.5 ug/L								SEP 14 1988	BROMOMETHANE, TOTAL WATER
66	17334	55-613006	18	mg/L				250 mg/L					APR 23 1946	CHLORIDE, TOTAL IN WATER
67	17334	55-613006	19	mg/L				250 mg/L					APR 23 1946	SULFATE, TOTAL (AS SO4)
68	17334	55-613006	24	mg/L									APR 23 1946	CALCIUM, DISSOLVED (AS CA)
69	17334	55-613006	15	mg/L									1929	CALCIUM, DISSOLVED (AS CA)
70	17334	55-613006	6	mg/L									APR 23 1946	MAGNESIUM, DISSOLVED (AS MG)
71	17334	55-613006	11	mg/L									1929	MAGNESIUM, DISSOLVED (AS MG)
72	17334	55-613006	5	mg/L			45 mg/L						APR 23 1946	NITRATE NITROGEN, DISSOLVED (AS NO3)
73	17334	55-613006	192	mg/L									APR 23 1946	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
74	17334	55-613006	344	mg/L									DEC 12 1929	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
75	17334	55-613006	43	mg/L									APR 23 1946	SODIUM, DISSOLVED (AS NA)
76	17334	55-613006	70	mg/L									1929	SODIUM, DISSOLVED (AS NA)
77	17334	55-613006	32	mg/L				250 mg/L					1929	SODIUM, DISSOLVED (AS NA)
78	17334	55-613006	55	mg/L				250 mg/L					1929	CHLORIDE, TOTAL IN WATER
79	17334	55-613006	372	UMHOS/CM		UMHOS/CM							APR 23 1946	SULFATE, TOTAL (AS SO4)
80	17334	55-613006	154	mg/L		mg/L							APR 23 1946	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
81	17334	55-613006	161	mg/L		mg/L							APR 23 1946	BICARBONATE ION (AS HCO3)
82	17893	55-613003	8	mg/L		mg/L							1929	BICARBONATE ION (AS HCO3)
83	17893	55-613003	15	mg/L		mg/L							1929	CALCIUM, DISSOLVED (AS CA)
84	17893	55-613003	265	mg/L		mg/L							OCT 25 1929	MAGNESIUM, DISSOLVED (AS MG)
85	17893	55-613003	46	mg/L		mg/L							1929	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
86	17893	55-613003	22	mg/L		mg/L			250 mg/L				1929	SODIUM, DISSOLVED (AS NA)
87	17893	55-613003	30	mg/L		mg/L			250 mg/L				1929	CHLORIDE, TOTAL IN WATER
88	17893	55-613003	144	mg/L		mg/L							1929	SULFATE, TOTAL (AS SO4)
89	17894	55-624691	33	DEG C		DEG C							AUG 01 1962	BICARBONATE ION (AS HCO3) CENTIGRADE TEMPERATURE (DEGREES)

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT SUPPORT SECTION
 MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458
 500 NORTH 3RD STREET - PHOENIX, ARIZONA 85004-3903
 Phone (602) 417-2470 Fax (602) 417-2422



APPLICATION FOR PERMIT TO WITHDRAW GROUNDWATER FOR HYDROLOGIC TESTING PURPOSES WITHIN AN ACTIVE MANAGEMENT AREA (A.R.S. §45-519.01)

I. INSTRUCTIONS

1. COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN IN DESIGNATED PLACE.
2. Mail to: P.O. Box 458, Phoenix, Arizona 85001-0458 or deliver in person to the above address.
3. Pursuant to A.R.S. § 45-113, the application fee is \$50.00, and the permit fee is \$50.00. You may submit both checks at the time of filing the application.

FOR DEPARTMENT USE ONLY	
Application/Permit No.	59-209197
Filed	9-16-2005
AMA	PHOENIX
S/B	04 w/s 06

II. GENERAL DATA

Please check one:

- New Application
 Renewal or Modification of Permit No. 59-_____

1. NAME OF APPLICANT Stardust Development

Mailing Address 6730 N. Scottsdale Road, Suite 230

<u>Scottsdale</u>	<u>AZ</u>	<u>85253</u>	<u>480-607-5800</u>
City	State	Zip Code	Telephone Number

2. NAME OF LAND OWNER where groundwater will be withdrawn Citrus & Northern, LLC

Mailing address 8501 N. Scottsdale Road, Suite 260

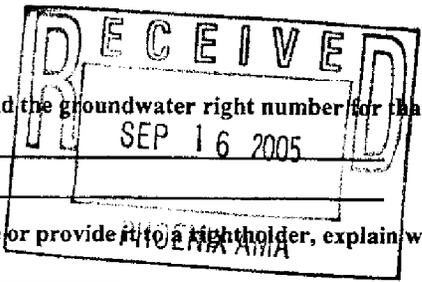
<u>Scottsdale</u>	<u>AZ</u>	<u>85253</u>	<u>480-889-6944</u>
City	State	Zip Code	Telephone Number

3. PURPOSE OF THIS TESTING PERMIT (check only one box):

- To obtain groundwater samples not exceeding 3 acre feet per annum for testing groundwater quality in order to comply with applicable environmental controls for a period of up to 10 years (A.R.S. § 45-519.01.A.)
- To test hydrologic characteristics and conditions, including groundwater quality. Groundwater withdrawn shall not exceed 10 acre feet nor shall the period of withdrawal exceed 90 days, (A.R.S. § 45-519.01.B.)
- To withdraw more than 10 acre feet of groundwater for hydrologic testing purposes, and/or for a period greater than 90 days include specifics of testing circumstances that require such withdrawal and/or period, (A.R.S. § 45-519.01.D.)
- To withdraw groundwater to test the hydrologic characteristics of a potential artificial groundwater recharge project site, or a potential underground storage and recovery project site. The period of withdrawal may not exceed 2 years (A.R.S. § 45-519.01.E.)

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

5. The specific purpose for the hydrologic testing is: Calculate Hydrogeologic Coefficients



6. Please be specific how the groundwater withdrawn will be put to beneficial use and the groundwater right number for that use if applicable. On-site construction water.

7. If applicant cannot reasonably put the withdrawn groundwater to a beneficial use or provide a right holder, explain why.

8. Legal description of land where groundwater will be used: NW 1/4 of Section 34, Township 3 North, Range 2 West

9. Name and mailing address of the owner of the land where groundwater will be used: CITRUS & NORTHERN, LLC
8501 N. Scottsdale Rd., Ste. 260 Scottsdale AZ 85253 480-889-6944
Mailing Address City State Zip Code Telephone No.

10. Total amount of groundwater for which application is being made: 10 acre feet.

11. Anticipated duration of the hydrologic testing 7 Days 0 Months.

12. Requested duration of the hydrologic testing permit 0 Days 12 Months.

13. State the testing circumstances that require withdrawals in excess of 10 acre feet or a testing period for more than 90 days: NA

14. Indicate the system by which the groundwater withdrawn for a test involving a potential recharge or storage and recovery project will be added back to the aquifer. NA

15. Groundwater to be withdrawn by means of:

A. WELLS ALREADY IN EXISTENCE:

Registration No.	Location	Depth	Diameter of Casing	Case Type
55- _____	_____	_____	_____	_____
55- _____	_____	_____	_____	_____

B. WELLS TO BE NEWLY CONSTRUCTED:

Complete and attach New Well Construction Supplement, DWR form 55-90, for each new well to be drilled. Attached.

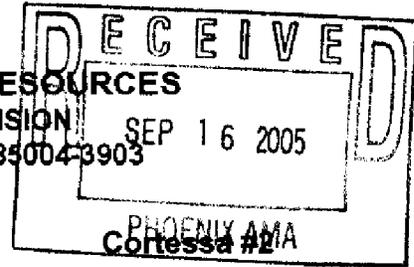
16. State your plans for the well(s) after testing is completed: Water Production

It is understood that the Permit, if granted, will be in accordance with the Groundwater Management 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) _____ hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.

Signature of Applicant Phil [Signature] Date 9/14/05

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT DIVISION
500 North Third Street - Phoenix, Arizona 85004-3903
Telephone 602-417-2470
Fax 602-417-2422



NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 209198
(FOR DEPARTMENT USE ONLY)

1. Well Location:

SE ¼ of the SW ¼ of the NW ¼, Sec. 34, Township 3 N Range 2W.
10AC 40AC 160AC

2. Position Location of the Well:

Latitude 33 ° 33 '31 " Longitude 112 ° 27 '23 "

3. County Maricopa

4. Date construction to start: October, 2005

5. Time period well will remain in use: Indefinitely

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.) Reverse Rotary

b. Borehole diameters 42 inches from 0 feet to 39 feet.
28 inches from 39 feet to 1,620 feet.

c. Casing materials HSLA

d. Method of well development (bail, air lift, surge, etc.) Swab and airlift, pump and surge

e. Will surface or conductor casing extend above grade? Yes

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. See Attached Diagram

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):

N/A

**Arizona Dept of Water Resources - Darlene Sumpter-King
TUCSON AMA - CHECK DEPOSIT REQUEST**

Date: September 19, 2005

Applicant: Stardust Development

Payment submitted by: Southwest Ground-Water Consultants, Inc.

Address on check: 3900 E. Camelback Rd. #200, Phoenix, AZ 85018

Application No. 59-209197.0000 (55-209198)

Code	Type of Fee:	Amount:	Check No.
55	Application for Well Permit (\$150.00)		
55	Well Permit Fee (\$30.00)		
58	Type I Conversion Request Flex Account Transfers (\$100.00)		
58	Notification of Change of Ownership of an Irrigation Grandfathered Right (\$35.00)		
60	Application to Substitute Irrigation Acres		
59	Application for Permit to Withdraw (\$50.00 or \$150.00)	\$50.00	10236
59	Withdrawal Permit Fee (\$50.00)	\$50.00	10236
59	Conveyance of Groundwater Withdrawal Application and/or Permit (\$35.00)		

SOUTHWEST GROUND - WATER CONSULTANTS, INC.		10236
3900 E. CAMELBACK RD. # 200 PHOENIX, AZ 85018 PH. (602) 955-5547		91-2-1221
DATE <u>Sept. 16, 2005</u>		
PAY TO THE ORDER OF <u>ADWR</u>		\$ <u>100.00</u>
<u>One hundred and 70/100</u>		DOLLARS
BANK ONE. JPMorgan Chase Bank, N.A. Phoenix, Arizona 85073		<u>1110110</u>