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STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 108199
Permit No.
Basin

NOTICE OF INTENT NO. 33968

1. OWNER City of Henderson
MAILING ADDRESS 240 Water Street
Henderson, NV 89009

ADDRESS AT WELL LOCATION Arroyo Grande Blvd & American Pacific
Henderson, NV

2. LOCATION NW ¼ NE ¼ Sec 16 T 22 S R 62 E Clark County

PERMIT NO. DW1290 (Issued by Water Resources) | 178-16-501-001 (Parcel No.) | Subdivision Name

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
6- Dewater wells				
Depth 50' each				
Static water level @ 22'				
Luvium		0	22	22
River rock, sand	x	22	34	12
Gravel silty clay		34	50	16
WGS84				
N36 02. 498'				
W115 03. 302'				

DCNR/DWR RECEIVED MAR 30 2009 LAS VEGAS OFFICE

Date started 3/9, 20 09
Date completed 3/17, 20 09

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Drawdown (Feet Below Static)	Time (Hours)

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8. WELL CONSTRUCTION

Depth Drilled 50 Feet Depth Cased 50 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
30 Inches	0 Feet	50 Feet	
Inches	Feet	Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
18"		1"	0	50

Perforations:
Type perforation Machine
Size perforation 3/8"x12"
From 10 feet to 50 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☐ Yes ☐ No Seal Type:
Depth of Seal ☐ Neat Cement
Placement Method: ☐ Pumped ☐ Cement Grout
☐ Poured ☐ Concrete Grout
Gravel Packed: ☐ Yes ☐ No
From feet to feet

9. WATER LEVEL
Static water level 22 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name ALLEN DRILLING INC (CONTRACTOR)
Address 4015 West Tompkins Ave (CONTRACTOR)
Las Vegas, NV 89103
Nevada contractor's license number issued by the State Contractor's Board 18916 & 18917
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2231
Signed [signature]
By driller performing actual drilling on site or contractor
Date March 23, 2009

Forms Provided by Forms-On-A-Disk, Inc. - (214) 340-9429 - FormsOnADisk.com

Attn: Tracy Geter

ORIGINAL
FILE WITH DIVISION OF
WATER RESOURCES

NOTICE OF INTENT

No. 33968

Today's Date: 3/4/09 Intended Start Date: 3/10/09

Type of Work to be Done: Drilling: ☒ Deepening: ☐ Reconditioning: ☐ Plugging: ☐

Is this a replacement well? Yes ☐ No ☐ If there is an existing well, what is the well log number? _____

Proposed use of well: Dewatering Diameter of well: 24 inches Number of wells: 20

If this well is a domestic well, is it located within a water purveyors service area? Yes ☐ No ☐ If yes, what is the DOM waiver: _____

If this is a monitor well required by another government agency, what is the facility ID number? _____

If this well is being completed under a waiver please provide the corresponding waiver number: _____

If a water right is associated with this well, what is the permit number? _____

Location of the well by Public Land Survey: NW 1/4 NE 1/4 Sec. 16 T 22 R 62 E

Latitude: N36°02.498' UTM E _____ ☐ NAD 27

Longitude: W115°03.302' or UTM N _____ ☒ NAD 83/WGS 84

Address at well location: Arroyo Grande Blvd. & American Pacific

Assessor Parcel Number: 178-16-501-001

County: Clark Subdivision Name: _____

Name of Client: City of Henderson

Address of Client: 240 Water St. P.O. Box 95050 Henderson, NV

Contractor's License Number: 18911 and 18917 On-Site Drillers License Number: HPDEW2343

Company Name and Address: **ALLEN DRILLING**
4015 W. TOMPKINS
LAS VEGAS, NV 89103

Need Log Forms ☐

(Rev. 01-07)

Driller's Signature: [signature]

See Parcel # correction

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JIM GIBBONS
Governor

ALLEN BIAGGI
Director

STATE OF NEVADA

COPY

TRACY TAYLOR, P.E.
State Engineer

ROBERT "BOB" COACHE, P.E.
Deputy State Engineer

SOUTHERN NEVADA BRANCH OFFICE
(702) 486-2770

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

SOUTHERN NEVADA BRANCH OFFICE

400 Shadow Lane, Room 201
Las Vegas, Nevada 89106
http://water.nv.gov

DCNR/DWR
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March 9, 2009

DW-1290

Jay Keating
Superintendent
American Asphalt & Grading Company
2690 North Decatur Boulevard
Las Vegas, Nevada 89108

RE: Waiver for temporary dewatering from twenty (20) wells to alleviate the shallow ground water hazard during the construction at the Pitman Railroad East Conveyance, APN 178-16-501-001, NW¼ NE¼ Sec. 16, T. 22S., R. 62E., MDM, Clark County, Nevada. **Local ID: 212 S22 E62 16 Ab**

Mr. Keating:

This is in response to your request, received in this office on March 4, 2009, and subsequent information received on March 6, 2009; to construct twenty (20) wells for the purpose of dewatering to alleviate a shallow ground water hazard within a designated basin area is herewith **granted** pursuant to Nevada Revised Statutes (NRS) 534.050(2)(c). The dewatering is allowed from the wells to be constructed in the NW¼ NE¼ Sec. 16, T. 22S, R. 62E, in Henderson, Clark County, Nevada on APN 178-16-501-001.

Your Affidavit of Intent to Abandon a Well was received on March 4, 2008, and is on file with this office. The wells shall be completed with ASTM F-480 PVC well casing as provided in NAC 534.362 or with steel well casing. The annular sealing requirement provided in NAC 534.380 is hereby waived. A bentonite plug or annular seal shall extend for at least three (3) feet above the top of the water table and the wellhead shall be protected from damage due to vandalism or sunlight. All other regulations shall remain in effect. Upon project completion, the well shall be plugged as required in NAC 535.420 (5)(a), from the approximate total depth to surface, with cement grout as defined in NAC 534.060.