

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114169
Permit No. _____
Basin 212

PRINT OR TYPE ONLY
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 35608

1. OWNER City of Las Vegas ADDRESS AT WELL LOCATION 6005 Vegas Valley Dr. Las Vegas, NV.
MAILING ADDRESS 400 E. Stewart Ave. Las Vegas, NV. 89101-2913 Subdivision Name: _____ County: Clark
2. LOCATION SE 1/4 SW 1/4 Sec 10 T 21 N R 62 E Latitude 36.130168 N UTM E NAD 27
PERMIT/WAIVER No. MD-2888 1161-10-401-001 Longitude 115.039208 W N NAD 83/WGS 84
Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other
4. PROPOSED USE
 Domestic Irrigation Test Cable
 Municipal/Industrial Monitor Stock Air Other
5. WELL TYPE
 Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>FULL Asphaltic Concrete Agg base</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>FULL SILTY CLAY</u>		<u>1</u>	<u>4</u>	<u>3</u>
<u>SILTY CLAY</u>		<u>4</u>	<u>10</u>	<u>6</u>
<u>SILTY Sand</u>	<u>yes</u>	<u>10</u>	<u>11</u>	<u>1</u>
<u>SILTY CLAY w/ gravel</u>	<u>yes</u>	<u>11</u>	<u>25</u>	<u>14</u>
<u>Small water bearing Sand Seam</u>				

9. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 24.5 Feet
HOLE DIAMETER (BIT SIZE)
From _____ To _____
7 Inches 0 Feet 25 Feet
Inches _____ Feet _____ Feet
Inches _____ Feet _____ Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
2" sch 40 PVC ASTM F480 0 24.5

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Perforations:
Type of perforation 020
Size of perforation Factory slots
From 4.5 feet to 24.5 feet
From _____ feet to _____ feet
Annular Seal: Yes No
 Neat Cement to _____ Pumped Poured
 Cement Grout to _____ Pumped Poured
 Concrete Grout 0 to 2 Pumped Poured
 ≥30% Bentonite Grout to _____ Pumped Poured
Gravel Pack: Yes No 3.5 to 24.5 Pumped Poured
Type: #12 Monterey Sand
Bentonite Chips: Yes No 21 to 3.5 Pumped Poured
Type: 3/8 Bentonite Hole Plug

Date started: June 30, 20 11
Date completed: June 30, 20 11

7. Water Level
Static water level: 10 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>N/A</u>			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Elite Drilling Inc. Contractor
Address 4255 W. Post Rd. Las Vegas, NV. 89118
Nevada contractor's license number 54931
issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1944
Signed Thomas M. Beall
By driller performing actual drilling on-site or contractor
Date 7/6/11

July 6, 2011
Project No. 303309001

Ms. Tracy Geter
Department of Conservation and Natural Resources
Division of Water Resources – Southern Nevada Branch Office
400 Shadow Lane, Suite 201
Las Vegas, Nevada 89106

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Subject: Groundwater Monitoring Well Location
City of Las Vegas Water Pollution Control Facility
6005 Vegas Valley Drive
Las Vegas, Nevada

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Reference: Division of Water Resources waiver letter dated June 29, 2011,
Waiver Number MO-2888.

Dear Ms. Geter:

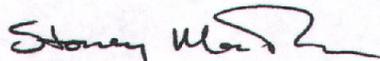
In accordance with your request, Ninyo & Moore is pleased to provide the location for a groundwater monitoring well located at the City of Las Vegas Water Pollution Control Facility located at 6005 Vegas Valley Drive in Las Vegas, Nevada. The plot map included in this letter is provided in response to the referenced waiver letter.

As requested in the referenced letter, we have prepared the attached figure, which includes the location of a recently constructed groundwater monitoring well, labeled MW-1 on the figure. The GPS coordinates of the groundwater monitoring well are presented in the following table.

Ninyo & Moore Project Number	Waiver Number	GPS Coordinates
303309001	MO-2888	36.13018° north latitude, -115.03923° west longitude

We appreciate the opportunity to be of service to you on this project. Should you have any questions or comments regarding this letter, please contact the undersigned at your convenience.

Respectfully submitted,
NINYO & MOORE



Stoney L. Mather, P.E.
Senior Project Engineer

SLM/ltk

Distribution: (1) Addressee

Attachment: Figure 1 - Groundwater Monitoring Well Location, MW-1

3033090001L MW Location.doc

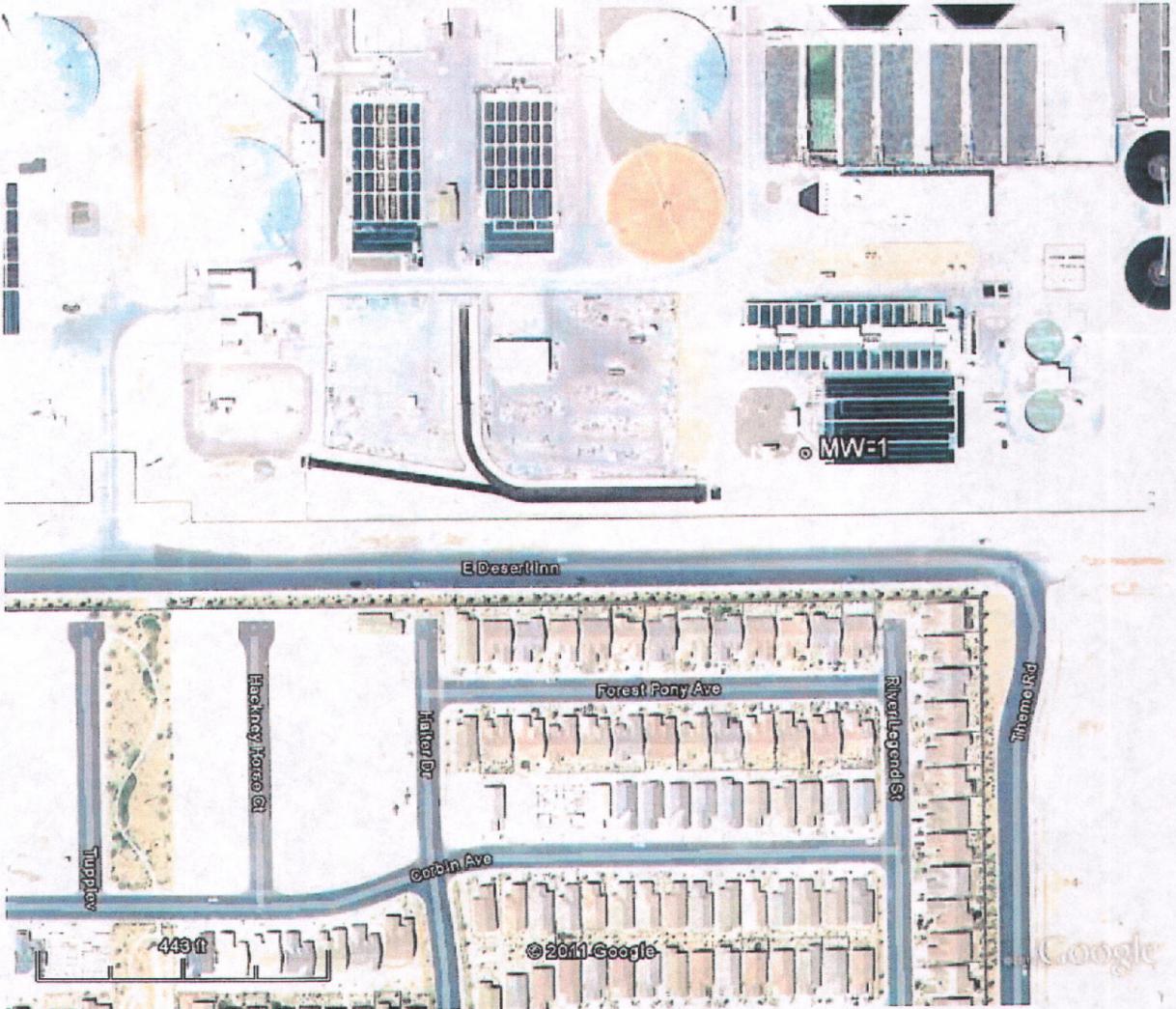


Figure 1 – Groundwater Monitoring Well Location, MW-1

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