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

OFFICE USE ONLY
Log No. 113256
Permit No.
Basin

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 32499

1. OWNER city of mesquit
MAILING ADDRESS 10e mesquite blvd mesquite nv 89027

ADDRESS AT WELL LOCATION mesquite
birde LN & HIGHLAND HILLS Dr

2. LOCATION SW ¼ SW ¼ Sec 7 T 13 N/S R 71 E
PERMIT/WAIVER No. 001-07-407-022
Issued by Water Resources Parcel No.

Latitude 36.48.45.42.
Longitude 114.06.30.74.
UTM E N
☐ NAD 27 ☑ NAD 83/WGS 84
Subdivision Name: County: Clark

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other...

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

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☑ Other... has

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Attaced log				
0011011 well 7				

Date started 28-Oct , 20 10
Date completed 28-Oct , 20 10

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7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled 33'8' Feet Depth Cased 32'4' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8"	Inches	0	Feet	33'4"	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
.5	pvc	sch80	0	32'4"

Perforations:
Type of perforation slilled slrich
Size of perforation 0.10"
From a 7'6" feet to a11' feet
From b17'6" feet to b21 feet
From c28'6" feet to c32' feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 5'
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From a6'6" b16'6" c27'6" feet to.. a12' b22' c33"8' feet

9. WATER LEVEL
Static water level no 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 Eagle Drilling Services llc
Contractor
Address 7150 Placid street
Contractor
las vegas nv 89119
Nevada contractor's license number issued by the *State Contractor's Board* 51266
Nevada driller's license number issued by the Division of Water Resources: the *on-site driller* 2097
Signed
By driller performing actual drilling on site or contractor
Date 11/9/2010

(Rev. 06/10)
USE ADDITIONAL SHEETS IF NECESSARY

GES

JOB NAME:	BORING #
Old Mesquite Landfill Methane Probes	MW-7

JOB #	START / END	LOCATION
M201027764E1	START 10-28-10 10:33 AM END: 10-28-10 2:30 PM	Birdie Lane and Highland Hills Drive Mesquite, Nevada

TOTAL DEPTH:	GROUND WATER	COMMENTS:
33' 8"	DEPTH: NE	Artificial Fill; Bentonite Seal; 3/8" Gravel Pack; Native Cuttings; 1/2" PVC Pipe; 1/2" PVC 0.10" Screen; 1/2" PVC Cap
ELEVATION: EGS	DATE:	
	TIME:	

EQUIPMENT:	TYPE OF BIT:
Diedrich D-50	8" O.D. HSA
HAMMER (lbs/inches): 140 # / 30"	DRILLER: Tim Thompson

SURFACE CONDITION:	LOGGER:	SURFACE DRY DENSITY (pcf):	SURFACE MOISTURE CONTENT (%):
desert landscape rock	Michael Stojanoff	not tested	not tested

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION
				SC	Fill: Reddish yellow (5YR 6/6) Clayey SAND, moist
				SC	Reddish? yellow? (5YR? 6/6) Clayey? SAND, moist; Muddy Creek Formation (Miocene-Pliocene)
8–9		Bulk			
				CL/SC	Yellowish red (5YR 5/6) Sandy Lean CLAY to Clayey SAND, moist; Muddy Creek Formation (Miocene-Pliocene)

WELL CONST. — DEPTH (FEET) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

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GES	JOB NAME: Old Mesquite Landfill Methane Probes	BORING # MW-7 Cont.
JOB # M20102764 E1	LOCATION: Birdie Lane and Highland Hills Drive	

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION	WELL CONST.	DEPTH (FEET)
13				CL/SC	Yellowish red (5 YR 5/6) Sandy Lean CLAY to Clayey SAND, moist; Muddy Creek Formation (Miocene-Pliocene)		13
14							14
15							15
16							16
17							17
18							18
19							19
20		Bulk					20
21							21
22							22
23							23
24							24
25				SC	Yellowish red (5 YR 5/6) Clayey SAND, moist. Muddy Creek Formation (Miocene-Pliocene)		25
26							26
27							27
28							28
29							29
30							30

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GES	JOB NAME: Old Mesquite Landfill Methane Probes	BORING # MW-7 Cont.
JOB # M20102764E1	LOCATION: Birdie Lane and Highland Hills Drive	

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION	WELL. CONST.	DEPTH (FEET)
				SC	Yellowish red (5 YR 5/6) Clayey SAND, moist. Muddy Creek Formation (Miocene-Pliocene)		
31							31
32							32
33							33
34					End of Boring at 33' bgs		34
35							35
36				☆	See Photograph #1: Probe B installation		36
37				☆	See Photograph #2: Final bentonite seal		37
38							38
39							39
40							40
41							41
42							42
43							43
44							44
45							45
46							46
47							47
48							48

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