WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

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DO NOT WRITE ON BACK

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. 85810
Permit No.
Basin 212

NOTICE OF INTENT NO. 20981

1. OWNER Republic Services of Southern Nevada
MAILING ADDRESS 770 E. Sahara Ave. Las Vegas, NV
ADDRESS AT WELL LOCATION Sunrise Mtn. Landfill 7900 E. Vegas Valley Blvd. Las Vegas, NV 89142

2. LOCATION NW ¼ SW ¼ Sec. 12 T. 21 N/S R. 62 E Clark County
PERMIT NO. (Issued by Water Resources) Parcel No. 161-12-002 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. PW-13D LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
pink clayey SAND		0	3'	
reddish brown silt and Clay		3'	6'	
pink to brown silty Sand w/ Gravel		6'	46'	
light brown well graded Sand		46'	54'	
light brown silty Sand		54'	58'	
light brown clayey Sand w/ Gravel		58'	70'	
light brown sandy Clay w/ Gravel		70'	72'	
yellowish red clayey Sand		72'	80'	
reddish brown silty Sand		80'	92'	
light olive gray fat clay		92'	110'	
pale yellow silty Sand		110'	116'	
white, hard Gypsum		116'	123'	
gypsiferous Fat Clay		123'	126'	
white, soft Gypsum		126'	129	
red, fat gypsiferous Clay		129	139'	
interbedded gray Clay + Gypsum		139'	160'	
interbedded gray clay and Sand		160	166'	
brown sandy Clay + Gypsum	168.5'	166	172'	
gray lean Clay		172	174'	
reddish brown Clay		174'	181.6'	
no recovery		181.6'	186'	
reddish brown lean to fat Clay w/ fine sand		186'	254'	
clayey gypsum sand		254'	257'	
reddish brown gypsiferous clay		257'	273'	
white gypsum & red clay	268.5'	273'	288'	
reddish brown fine sandy clay	270'	280'	283'	

Date started Oct. 2, 2001, 19__
Date completed Nov. 14, 2001, 19__

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1 gal/hr. - Recovery		

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8. WELL CONSTRUCTION
Depth Drilled 283 Feet Depth Cased 270.7 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
30" Inches		0 Feet	20.25 Feet
22" Inches		20.25 Feet	184 Feet
9 7/8" Inches		184 Feet	283 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24		1/2	0	18.9
18		3/8	0	183
4		Sched 80		270.7

Perforations:
Type perforation 0.010" slotted PVC
Size perforation
From 260' feet to 270' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0-253
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
253'-258' - Bentonite Pellets
Gravel Packed: ☑ Yes ☐ No
From 258' feet to 272' feet

9. WATER LEVEL
Static water level 259 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 Layne Christensen Co. Contractor
Address 1707 South 4490 West Contractor
Salt Lake City, UT 84104
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2057
Signed By driller performing actual drilling on site or contractor
Date 11/27/01

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627