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

PRINT OR TYPE ONLY
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. 81880
Permit No.
Basin 212

NOTICE OF INTENT NO. 21638

1. OWNER Republic Dumpco Inc
MAILING ADDRESS 7900 E. Vegas Valley Dr
Las Vegas, NV

ADDRESS AT WELL LOCATION Sunrise Landfill

2. LOCATION SW ¼ SE ¼ Sec. 12 T. 21 N/S R. 62 E. CLARK County

PERMIT NO. — (Issued by Water Resources) 161-12-002 (Parcel No.) (Subdivision Name)

3. 116 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
silty SAND w/ GRAVEL		0	150	150
CLAY/SAND w/ gravel		150	180	30
silty SAND w/ gravel		180	226	46
cemented gravel w/ clay		226	228	2
sand w/ clayey silt		228	259	31
GRAVEL w/ SILT		259	260	

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Date started 10 - 18, 2000
Date completed 11 - 9, 2000

7. WELL TEST DATA

TEST METHOD: ☒ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	60'	3/4 hr (45 min)

8. WELL CONSTRUCTION
Depth Drilled 260 Feet Depth Cased 260 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 Inches	0 Feet	260 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4	Sch 80 PVC		+2	260

Perforations:
Type perforation factory slot
Size perforation .010
From 245 feet to 260 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 - 238 bentgrout
Placement Method: ☒ Pumped ☐ Poured
238-243 chip bentonite.
Gravel Packed: ☒ Yes ☐ No
From 243 feet to 260 feet

Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

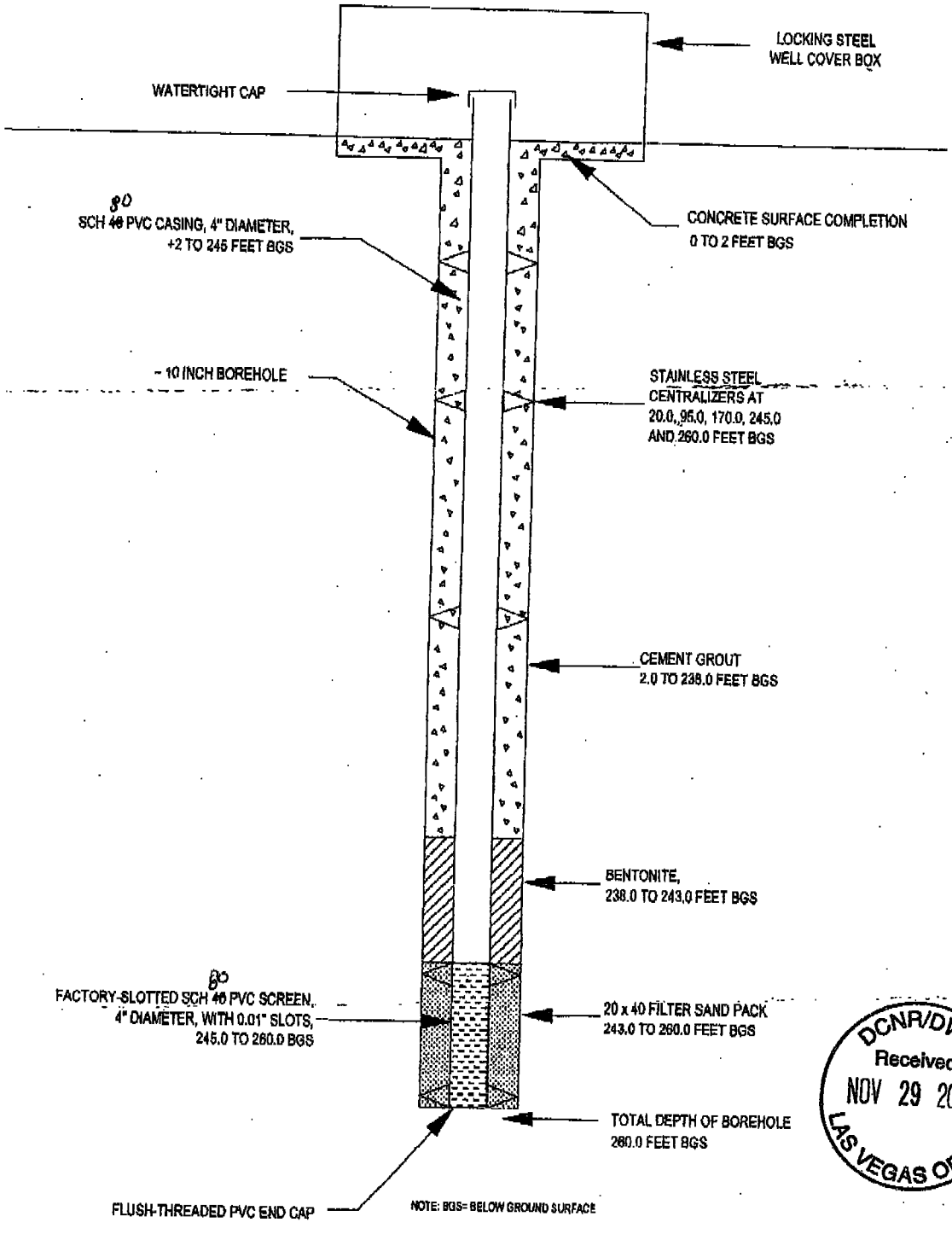
9. WATER LEVEL
Static water level 193.7 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name [signature] LAYNE CHRISTENSEN CO
Contractor
Address 9001B PACIFIC AVE
Contractor
TACOMA, WA 98444
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 M 1628
Signed [signature]
By driller performing actual drilling on site or contractor
Date 11-17-00

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

Log 81880

GH-11B



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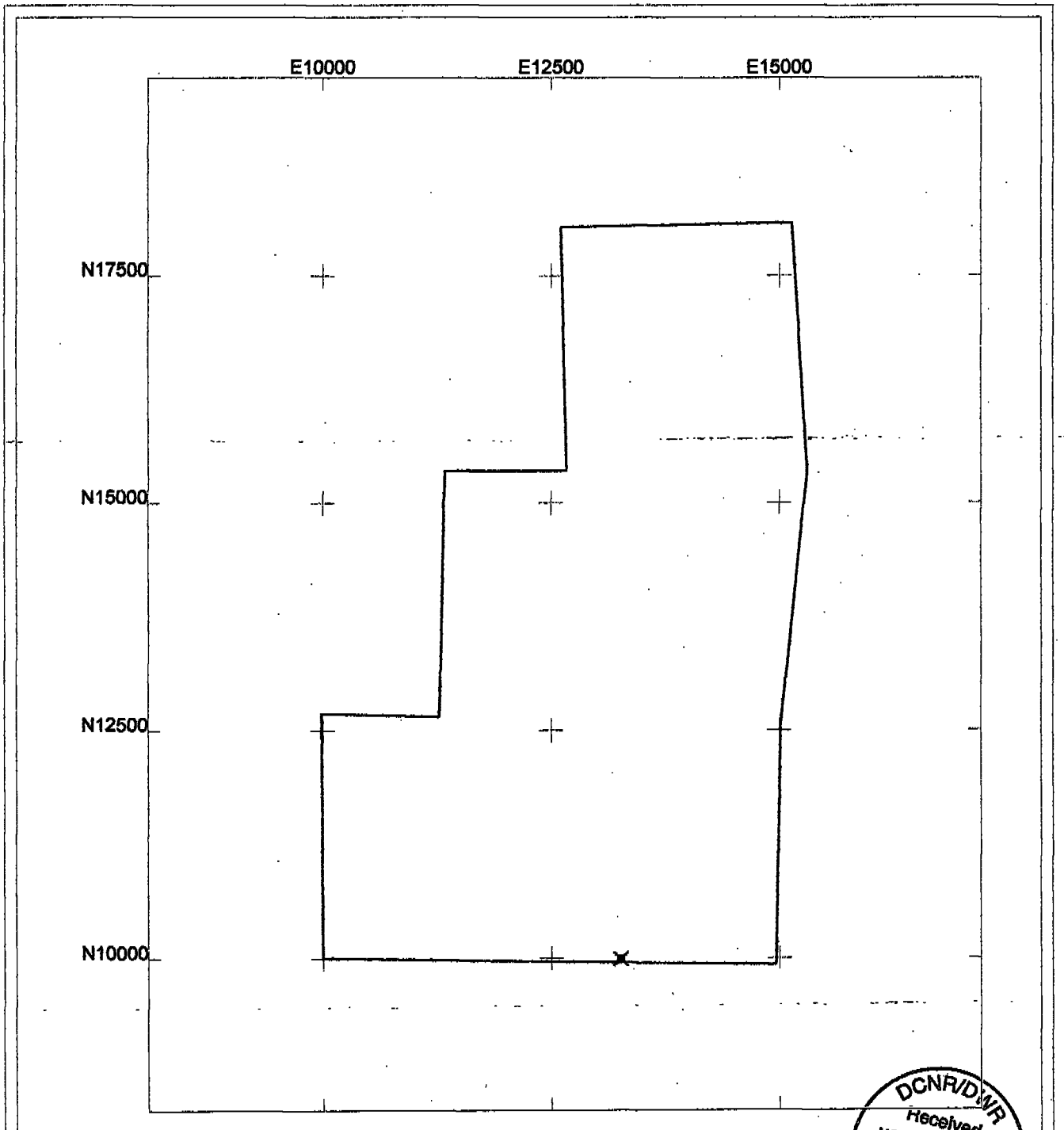
GES
GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
(702) 365-1001
7660 W. Sahara Ave., Suite 101
Las Vegas, NV 89117

GH-11B WELL CONSTRUCTION DIAGRAM

JOB NO. 98744D1

FIG. 1

Log 81880



DCNR/DMR
Received
NOV 29 2000
LAS VEGAS OFFICE

MW 11B

Sunrise1
US State Plane 1927
Nevada East 2701
NADCON (Conus)

N

Scale 1:20000
0 2500
Feet

combined.ssf
11/15/2000
Pathfinder Office
Trimble