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. 82662
Permit No.
Basin 212

NOTICE OF INTENT NO. 20867

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

ADDRESS AT WELL LOCATION Sunrise Landfill

2. LOCATION SE 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. 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. MW-2B LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
pink silty gravel with sand		0	4	4'
pink silty sand with gravel		4	15	11'
pink silty gravel with sand		15	29	14'
pinkish yellow clayey sand with gravel		29	32	3'
yellowish red silty sand with gravel		32	55	23'
light brown clayey sand		55	67	12'
reddish yellow silty sand with gravel		67	88	21'
reddish yellow silty gravel with sand		88	92	4'
light brown silty sand with gravel		92	106	14'
light brown clayey sand with gravel		106	116	10'
light brown sandy lean clay		116	120	4'
pink clayey sand with gravel		120	123	3'
pink sandy lean clay with gravel		123	128	5'
pink silty sand with gravel		128	135	7'
light brown clayey sand with gravel		135	138	

Date started 04/06/01 ~~, 19~~
Date completed 04/13/01 ~~, 19~~

7. WELL TEST DATA

TEST METHOD: ☒ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1.9 gal per hour		

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8. WELL CONSTRUCTION
Depth Drilled 215 Feet Depth Cased 215 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 Inches	0 Feet	215 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	200

Perforations:
Type perforation stainless steel wire wrap
Size perforation .010
From 200 feet to 215 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 0-193 bentgrout
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
193-198 bentpellets
Gravel Packed: ☒ Yes ☐ No
From 198 feet to 215 feet

9. WATER LEVEL
Static water level 202 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 9001 B PALIFIC 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 m1628
Signed [signature]
By driller performing actual drilling on site or contractor
Date 04/26/01

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY Page 1 (O)-627

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DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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OFFICE USE ONLY
Log No. 82662
Permit No.
Basin 212

NOTICE OF INTENT NO.

1. OWNER
MAILING ADDRESS
ADDRESS AT WELL LOCATION

2. LOCATION ¼ ¼ Sec. T N/S R E County
PERMIT NO. Issued by Water Resources | 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. MW 2B LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
light brown clayey sand with gravel		138	140	2'
light brown clayey sand		140	146	6'
light brown sandy lean clay with gravel		146	155	9'
light brown silty sand		155	162.5	7.5'
reddish brown clayey sand with gravel		162.5	164.5	2'
pink silty sand with gravel		164.5	167	2.5'
light brown clayey sand		167	170	3.0'
light brown silty sand with gravel		170	174	4'
strong brown clayey sand with gravel		174	180	6'
light brown clayey gravel with sand		180	184	4'
pink silty gravel with sand		184	190	6'
light brown clayey sand with gravel		190	211	21'
mottled yellow, gray and light brown fat clay		211	215.5	0.5'

Date started , 19
Date completed , 19

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

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

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8. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)
From To
Inches Feet Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

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

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

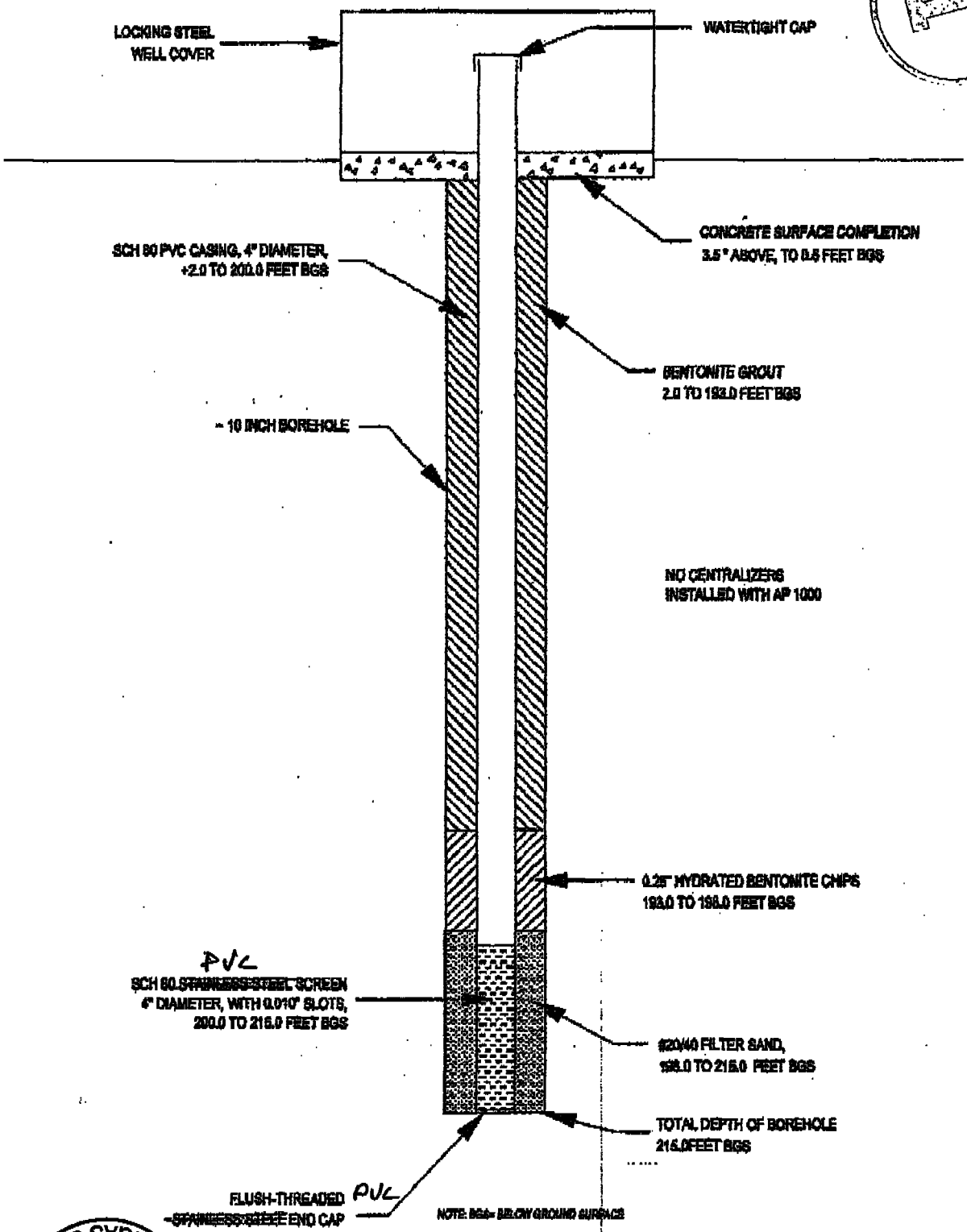
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Contractor
Address Contractor

Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed By driller performing actual drilling on site or contractor
Date

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY Page 2 (O)-627

82662

MW-2B



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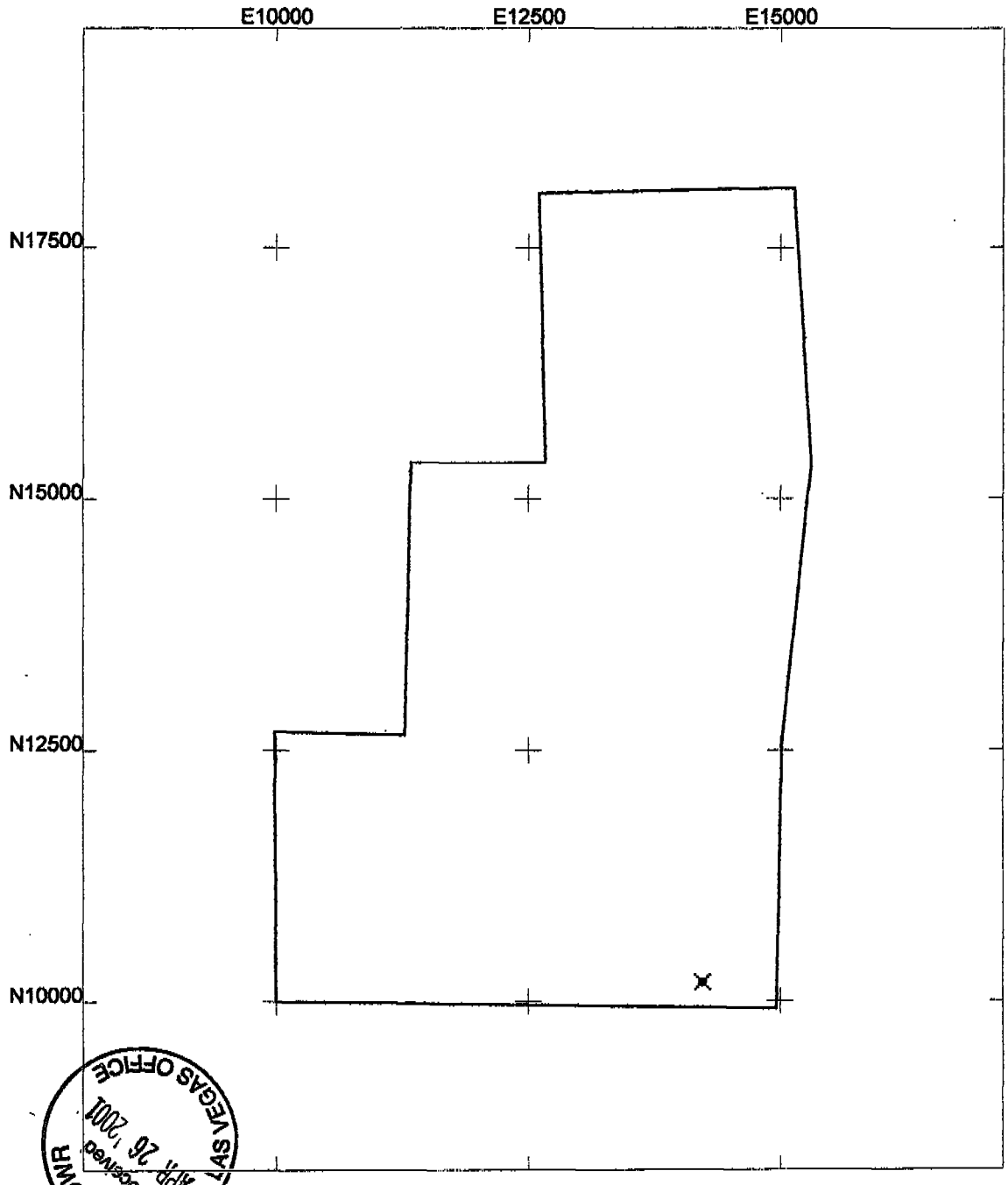
GES
GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
(702) 365-1001
7560 W. Sahara Ave., Suite 101
Las Vegas, NV 89117

MW-2B WELL CONSTRUCTION DIAGRAM

JOB NO. 98744D1

FIG. 1



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MW 2B

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

N

Scale 1:20000
0 2500
Feet

map.ssf
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Trimble