

OFFICE USE ONLY  
 Log No. 40999  
 Permit No. 087  
 Basin

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WELL DRILLER'S REPORT

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

Consultant: Kennedy/Jenks/Chilton (K/J, Inc.) Client: NOTICE OF INTENT NO. 14408  
 1. OWNER: Kennedy/Jenks/Chilton (K/J, Inc.) ADDRESS AT WELL LOCATION: Refuse, Inc.  
 MAILING ADDRESS: 5190 Neil Road, Suite 300 Reno, NV. 89502 1390 & 1100 E. Commercial Row Reno, NV.  
 2. LOCATION: SW 1/4 NE 1/4 Sec. 12 T. 19N N/S R. 19E Washoe County  
 PERMIT NO. M/O 242 MW#2 Refuse, Inc. Transfer Station  
 Issued by Water Resources Parcel No. Subdivision Name

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clayey fine gravel w/ sand		0	8	8
Elastic Silt		8	16	8
Well graded gravel w/ silt & sand		16	20	4
Silty gravel w/ sand		20	26	6
Well graded sand w/ fine gravel		26	32	6
Silty gravel w/ sand		32	38	6
Silty gravel w/ sand		38	43	5
Sandy fat clay		43	45	2

8. WELL CONSTRUCTION  
 Depth Drilled: 45 Feet Depth Cased: 45 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 8 Inches To 0 Feet 45 Feet  
 From \_\_\_\_\_ Inches To \_\_\_\_\_ Feet  
 From \_\_\_\_\_ Inches To \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" PVC		SCH 40	0	29
End Cap				
Locking Cap				

Perforations:  
 Type perforation: Machine Slot  
 Size perforation: 0.020 slot  
 From 29 feet to 44 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Depth of Seal: 0-24  
 Placement Method:  Pumped  Poured  
 Bentonite Seal @ 24-26'  
 Gravel Packed:  Yes  No #3 Lonestar  
 From 26 feet to 45 feet Sand

9. WATER LEVEL  
 Static water level: 37.25 feet below land surface  
 Artesian flow: NOT KNOWN G.P.M. P.S.I.  
 Water temperature: n/k °F Quality: n/k

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name: WAYNE DRILLING, INC.  
 Address: P.O. BOX 12370 RENO, NV. 89510  
 Nevada contractor's license number: 22549 issued by the State Contractor's Board  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 908  
 Signed: \_\_\_\_\_  
 Date: April 20, 1993  
 By driller performing actual drilling on site or contractor

Date started: May 22, 1990  
 Date completed: May 22, 1990

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
NO TEST			

93 APR 29 AM 1:44  
 RECEIVED  
 STATE ENGINEERS OFFICE

Log No. 40999  
 Permit No. \_\_\_\_\_  
 Basin. 087

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page 1 of 2 pages  
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Consultant:

1. ~~OWNER~~ Kennedy/Jenks/Chilton(K/J, Inc) Client: \_\_\_\_\_  
 MAILING ADDRESS 5190 Neil Road, Suite 300 ADDRESS AT WELL LOCATION \_\_\_\_\_  
Reno, NV. 89502 Reno, NV

2. LOCATION SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 12 T. 19N N/S R. 19 E. Washoe County  
 PERMIT NO. M/O 242 MW#2 12-052-08 Refuse, Inc. Transfer Station  
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 Tubex \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Clayey Fine Gravel With Sand: Approximately 40% Gravel 8-15mm, Well graded, well rounded clasts. 39% sand 2-.5mm, poorly graded, well rounded grains. 30% fines, highly plastic, non-dilatant. Moderately tough. Dark Yellowish brown.		0	8	8
Elastic Silt; Approximately 90% fines, low dilatancy, moderate toughness, slightly plastic. 10% Sand 2-.5mm. Moderate yellowish Brown.		8	16 1/2	8 1/2
Well Graded Gravel With Silt & Sand: approximately 70% Gravel 5-15mm. Approximately half of clasts are fragments of larger clasts, otherwise well rounded grains, well yellowish brown.		16 1/2	20	4 1/2
Silty Gravel With Sand: Approximately 50% Gravel 12-8mm, Well rounded clasts, few broken clasts, poorly				

8. WELL CONSTRUCTION  
 Depth Drilled 45 Feet Depth Cased 45 Feet

HOLE DIAMETER (BIT SIZE)  
 From 9 5/16 Inches To 0 Feet 45 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" PVC		SCH 40	0	29

End Cap \_\_\_\_\_  
 Locking Cap/Threaded Gasketed watertight cover \_\_\_\_\_

Perforations:  
 Type perforation Factory Sawn Slot  
 Size perforation .020  
 From 29 feet to 44 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 0-24 \_\_\_\_\_  
 Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Bentonite Seal: 24-26'  
 Gravel Packed:  Yes  No #3 Lonestar  
 From 26 feet to 45 feet

Date started 5-22-90, 19\_\_\_\_  
 Date completed 5-22-90, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No Test		

9. WATER LEVEL  
 Static water level 37.25 feet below land surface  
 Artesian flow not known G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature N/A °F Quality N/A

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno, NV 89510  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908  
 Signed [Signature]  
 By Driller performing actual drilling on site or contractor  
 Date April 5, 1995

OFFICE USE ONLY  
 Log No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Basin. 1007

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 Reno, NV. 89502 Reno, NV

2. LOCATION 1/4 1/4 Sec. T N/S R. E County  
 PERMIT NO. M/O 242 MW#2 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. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Graded, 30% .5-5mm, Well rounded grains, well				
graded, 20% non-plastic fines, moderate yellowish brown.		20	26	6
Well Graded Sand with fine gravel: Approximately 65% well graded sand .5-5mm, well rounded grains, 30% fine gravel 12-8mm, Well rounded clasts, no broken clasts. 5% non-plastic fines. Moderate Yellowish brown.		26	35	9
Silty Gravel with sand: Approximately 45% Gravel 15-8mm, Well rounded, well graded, approximately 25% of gravel fractured clasts. 40% Sand 5-.5mm, Well Graded, Well rounded Grains. 15% non-plastic fines. Moderate yellowish brown.		35	43	8
Sandy Fat Clay: Non-dilatant, very plastic, very tough, approximately 20% sand 1-2., grains. Moderate yellowish brown, moist.		35	45	10

8. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From		To	
Inches	Feet	Inches	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

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

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)
5	5	
6	6	

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.

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 Address P.O. Box 12370 Contractor  
Reno, Nevada 89510  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908  
 Signed [Signature] By driller performing actual drilling on site or contractor  
 Date April 5, 1995