

OFFICE USE ONLY  
 Log No. 71001  
 Permit No. \_\_\_\_\_  
 Basin. 087

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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: Refuse, Inc. NOTICE OF INTENT NO. 14408  
 1. OWNER: \_\_\_\_\_ ADDRESS AT WELL LOCATION: Refuse, Inc.  
 MAILING ADDRESS: 5190 Neil Road, Suite 300 1390 & 1100 E. Commercial Row  
Reno, NV. 89502 Reno, NV.  
 2. LOCATION: SW 1/4 NE 1/4 Sec 12 T. 19N N/S R. 19 E. Washoe County  
 PERMIT NO. M/O 242 MW#4 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
Sandy lean clay		0	23	23
Boulder		16	19	3
Boulder		20	22	2
Well graded fine gravel w/sand		23	31	8
Well graded gravel w/silt & sand		31	39	8
Elastic Silt w/ sand		39	43	4
Elastic Silt		43	52	9
Silty gravel w/ sand		52	59	7
Poorly graded sand w/silt		59	67	8
Poorly graded sand w/gravel		67	72	5
Poorly graded gravel w/sand		72	75	3
Sandy Fat Clay		75	78	3

8. WELL CONSTRUCTION  
 Depth Drilled 78 Feet Depth Cased 78 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 8 Inches To 0 Feet 78 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	63
End Cap				
Locking Cap				

 Perforations:  
 Type perforation Machine Slot  
 Size perforation 0.020  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From 63 feet to 78 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 0-59  
 Placement Method:  Pumped  Poured  
 Bentonite Seal @ 59.5-61'  
 Gravel Packed:  Yes  No  
 From 61 feet to 78 feet

Date started May 9, 1990, 19\_\_\_\_  
 Date completed May 10, 1990, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
NO TEST			

9. WATER LEVEL  
 Static water level 70.44 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. Contractor  
 Address P.O. BOX 12370 Contractor  
RENO, NV. 89510  
 Nevada contractor's license number 22549 issued by the State Contractor's Board  
 Nevada driller's license number issued by the 908 Division of Water Resources, the on-site driller  
 Signed \_\_\_\_\_ By driller performing actual drilling on site or contractor  
 Date April 20, 1993

APR 29 10:43 AM '93  
 RECEIVED  
 STATE ENGINEERS OFFICE

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

page 1 of 3 pages  
 NOTICE OF INTENT NO. 14408

Consultant:

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

2. LOCATION SW 1/4 NE 1/4 Sec. 12 T. 19N N/S R. 19 E. Washoe County  
 PERMIT NO. M/O 242 MW#4 12-052-12 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
Sandy Lean Clay: Approximately 60% moderately plastic, moderately tough clay. 30% sand to 4mm. 10% gravel to 15mm, larger coarse material is fractured, other clasts subrounded to rounded, dark yellowish brown.		0	23	23
Well Graded fine Gravel w/ sand: approximately 60% well graded gravel 6-15mm, mostly subrounded, some fractured clasts. 35% coarse sand 3-5mm. 5% non-plastic fines. olive gray to light gray.		23	31	8
Well Graded Gravel w/ Silt & sand: Approximately 70% well graded gravel to 15mm, approximately 50% subrounded clasts to 15mm. 50% fractured clasts to 15mm. 20% medium sand to 3mm. 10% slightly plastic fines. Moderate yellowish brown.		31	35	4
Well Graded Gravel W/silt & sand: Approximately 70% well graded gravel to 15mm approximately 50% subrounded				

8. WELL CONSTRUCTION  
 Depth Drilled 78 Feet Depth Cased 78 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From To  
9 5/16 Inches 0 Feet 78 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	63

End Cap \_\_\_\_\_  
 Locking Cap/Threaded Gasketed watertight cover  
 Perforations:  
 Type perforation Factory sawed slot  
 Size perforation .020  
 From 63 feet to 78 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 0-59  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Bentonite Seal: 59,5-61'  
 Gravel Packed:  Yes  No  
 From 61 feet to 78 feet

9. WATER LEVEL  
 Static water level 70.44 feet below land surface  
 Artesian flow N/A G.P.M. N/A P.S.I.  
 Water temperature N/A °F Quality N/A

Date started 5-9-90, 19\_\_\_\_\_  
 Date completed 5-10-90, 19\_\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No Test			

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, 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

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

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Consultant:

1. OWNER Kennedy/Jenks/Chilton(K/J, Inc) ADDRESS AT WELL LOCATION \_\_\_\_\_  
MAILING ADDRESS 5190 Neil Road, Suite 300 1390 & Commercial Row  
Reno, Nevada 89502

2. LOCATION 1/4 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ N/S R. \_\_\_\_\_ E. \_\_\_\_\_ County \_\_\_\_\_  
PERMIT NO. M/O 242 MW#4 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	Thickness
clasts to 15mm, 50% Fractured clasts to 15mm, 20% medium sand to 3mm, 10% slightly plastic fines. Moderate yellowish brown.		35	38	3
Elastic Silt W/sand: approximately 85% Elastic silt-low dilatancy, moderate toughness. 10% sand to 3mm, 5% rounded gravel to 10mm. Moderate yellowish brown.		38	41	3
Elastic Silt: Approximately 90% fines, low dilatancy, moderate toughness. 10% sand to 3mm, well rounded grains. Moderate brown.		38	52	14
Silty Gravel w/sand: approximately 50% gravel-60& fractured clasts to 15mm, 40% rounded gravel 10-15mm. 30% Sand 6-4mm. 20% non-plastic fines.		41	59	8
Poorly Graded Sand w/Silt: 75% coarse sand 4-6mm. Subangular to subrounded grains, poorly graded. 15% rounded gravel 10-15mm, Minor broken clasts. 10% non-plastic fines.		59	67	8

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

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

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 Wayne Drilling, Inc. Contractor  
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 Wayne C. Azman By driller performing actual drilling on site or contractor  
Date April 5, 1995

Date started \_\_\_\_\_, 19\_\_\_\_  
Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

Log No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Basin \_\_\_\_\_

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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: 1390 & Commercial Row  
 Reno, Nevada 89502

2. LOCATION: 1/4 Sec. T N/S R E County \_\_\_\_\_  
 PERMIT NO. M/O 242 MW#4 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	Thickness
Poorly Graded Sand w/gravel: 55% poorly graded sand- 90% coarse sand 3-5mm, subrounded grains, 10% medium sand 1-.5mm.				
45% gravel-75% broken clasts, 25% rounded clasts 8-15mm, 2% non-plastic fines.		67	72	5
Poorly Graded Gravel w/ sand: 70% gravel 10-15mm, rounded clasts. 30% sand 5-3mm. 2% fines.		72	75	3
Sandy Fat Clay: 70% non- dilatant, moderate to very tough, highly plastic clay. 30% sand grains 3-1mm. Moderate yellowish Brown, Moist.		75	78	3

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

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

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: Wayne Drilling Inc. Contractor  
 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: *Wayne Drilling Inc.*  
 By driller performing actual drilling on site or contractor  
 Date: April 5, 1995

Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			