

OFFICE USE ONLY
Log No. 41002
Permit No. 087
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NOTICE OF INTENT NO. 408

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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.
1. OWNER: 5190 Neil Rd., Suite 300 ADDRESS AT WELL LOCATION: 1100 E. Commercial Row Reno, NV
MAILING ADDRESS: Reno, Nevada 89502

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#5 Parcel No. 012-053-04 Subdivision Name Recycling/Refuse, Inc. Transfer Station
Issued by Water Resources

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
Silt: 90% fines, low dry strength, moderately dilatant, low toughness				
10% sand to 3mm. Moderate yellowish brown.		0	6	6
Elastic Silt 98% fines, moderate dry strength, moderate toughness, non-dilatant, dark yellowish brown.		6	11 1/2	5 1/2
Clayey Sand with gravel: 60% sand 2-5mm. 20% gravel 8-15mm. half of gravel fragmented clasts				
20% fines, moderately plastic. Dark yellowish brown. (Burn dump area- blackened bones, rock, burnt brick in return).	X	11 1/2	33	22 1/2
Poorly Graded Sand with Gravel: 60% sand 2-5mm, poorly graded, rounded grains. 35% Gravel 9-15mm, rounded clasts, 30% of gravel is fractured.				
5% fines		33	35	2
Well Graded Gravel With Sand: 70% gravel, well graded, rounded clasts				
Date started <u>5-23-90</u>				
Date completed <u>5-23-90</u>				

8. WELL CONSTRUCTION

Depth Drilled 65 Feet Depth Cased 65 Feet

HOLE DIAMETER (BIT SIZE)

Inches	Feet	To	Feet
<u>8</u>	<u>0</u>	<u>65</u>	<u>65</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4" PVC</u>		<u>SCH 40</u>	<u>0</u>	<u>54</u>
<u>End Cap</u>				
<u>Locking Cap/Threads</u>				

Perforations:
Type perforation Factory Sawn Slot
Size perforation .020
From 54 feet to 64 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0-50' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Bentonite Seal: 50-52'
Gravel Packed: Yes No Lonestar #3
From 52 feet to 65 feet

7. WELL TEST DATA

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

39.530/89°N
119.758 076°W
400 23

9. WATER LEVEL
Static water level 61.30 feet below land surface
Artesian flow N/A G.P.M. N/A 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, 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 6, 1995

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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

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NOTICE OF INTENT NO. 14408

Consultant:

1. ~~OWNER~~ Kennedy/Jenks/Chilton(K/J, Inc) ADDRESS AT WELL LOCATION _____
MAILING ADDRESS 5190 Neil Rd., Suite 300 Refuse, Inc.
Reno, Nevada 89502 1100 E. Commercial Row Reno, NV

2. LOCATION 1/4 1/4 Sec. _____ T _____ N/S R _____ E _____ County _____
PERMIT NO. M/O 242 MW#5 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
7-15mm, 50% of clasts are fractured. 25% sand				
2-5mm, rounded grains. 5% fines.		35	47	12
Clayey Gravel with sand. 40% gravel, 7-12mm, poorly graded, well rounded, few fractured clasts. 35% sand 5-.5mm, well graded. 25% fines, stiff, highly plastic strengers. Moderate yellowish Brown.		47	57	10
Silty Gravel With Sand. 50% gravel 12-8mm, well rounded, few large broken clasts, poorly graded. 30% sand .5-5mm, well rounded grains well graded. 20% non-plastic fines.		57	64	7
Sandy Fat Clay 85% non-Dilatant, highly plastic, tough to very tough clay. 15% Sand grains, .5-1mm. Moderate Yellowish Brown, Moist.		64	65	1

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

Surface Seal: Yes No Seal Type:
Depth of Seal _____ Neat Cement
Placement Method: Pumped Cement Grout
 Poured 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 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 Joseph Helman
by driller performing actual drilling on site or contractor
Date April 6, 1995

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

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

** See Plugging log # 109806*