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

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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. 49973
Permit No.
Basin 083

page 1 of 2 pages
NOTICE OF INTENT NO. 15394

1. ~~OWNER~~ Consultant: Kennedy/Jenks/Chilton (K/J Inc.) Current Client:
MAILING ADDRESS 5190 Neil Road, Suite 300
Reno, NV. 89502
ADDRESS AT WELL LOCATION Refuse, Inc.
Mustang Landfill
Mustang, Nevada

2. LOCATION NW ¼ NW ¼ Sec. 9 T. 19N N/S R. 21 E. Washoe County
PERMIT NO. M/O 315 MW#2 (Issued by Water Resources) 84-060-15 (Parcel No.) Up Gradient of Mustang Landfill (Subdivision Name)

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [X] Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
-Soil silt-sands brown		0	10	10
-Soil gravel sand silt brn		10	30	20
andesite porphyry rock fragments advanced propylitically altered w/ hematitic iron-oxide weathering; minor silt clay derivatives				
-Mixed rock fragments mixed felsic & mafic rock fragments w/clays & silts;heterogenous composition		30	65	35
-Mafic rock fragments w/ silt-clay matrix advanced altered & weathered rock clasts highly heterogenous @ 55'				
-Claystonew/ mixed volcanic fragments, mafic volcanic rock fragments w/brown claystones-silty claystones rapidly varying composition		65	130	65
-Claystone-Siltstone from altered felsic volcanics uniformly fine grained clay-silt probably derived from altered felsic volcanics; fairly		130	160	30
		Cont on pg#2		

Date started January 28, 1991, 19
Date completed February 6, 1991, 19

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

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

8. WELL CONSTRUCTION
Depth Drilled 250 Feet Depth Cased 245 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
6 5/8	Inches	0 Feet	250 Feet
Reemed with	Inches	Feet	Feet
10	Inches	0 Feet	250 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6" PVC		SCH 80	+1.5	200
2" SS	Locking	Cap		
2" PVC	End Cap	/ Locking Steel Cover		

Perforations:
Type perforation Machine Slotted
Size perforation .020 slot
From 200 feet to 244.5 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 0-170
Placement Method: [ ] Pumped [X] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout
Bentonite Seal @ 170-180
Gravel Packed: [X] Yes [ ] No #3 Lonestar Sand
From 180 feet to 250 feet

9. WATER LEVEL
Static water level 133.9 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, 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 923
Signed [signature] (By driller performing actual drilling on site or contractor)
Date March 15, 1993

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

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2. LOCATION NW ¼ NW ¼ Sec. 9 T. 19N N/S R. 21 E. Washoe County
PERMIT NO. M/O 315 MW#2 (Issued by Water Resources) 84-060-15 (Parcel No.) Up Gradient Mustang Landfill (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
Cont from pg#1				
homogenous				
-Mafic fock fragments w/		160	185	25
claystone Advanced				
altered rock fragments				
highly heterogenous				
-Mixed mafic rock fragments		185	230	45
w/clay-silt matrix				
highly heterogenous comp.				
Greater felsic content, Red,				
Green, Brown @ 195'				
-Andesite Porphyry		185	250	65
moderate propylitic				
alteration. uniform				
composition. minor				
hematite.				
End Page #2				

Date started January 28, 1991, 19
Date completed February 6, 1991, 19

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

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

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.
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Address P.O. BOX 12370 (Contractor)
RENO, NEVADA 89510
Nevada contractor's license number 22549 issued by the State Contractor's Board
Nevada driller's license number 923 issued by the Division of Water Resources, the on-site driller
Signed (By driller performing actual drilling on site or contractor)
Date March 15, 1993

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627