

TECHNICAL MEMORANDUM

To: Steve Clough, Nevada Environmental Response Trust

Cc: Dan Pastor and Brad Maynard

From: Jeff Richeson and Guy Roemer

Date: May 18, 2018

Subject: Injection Well Abandonments – AP Area Down and Up Flushing Treatability Study

At the request of the Nevada Environmental Response Trust (NERT or Trust), Tetra Tech has completed the abandonment of 24 injection wells that were utilized as part of the AP Area Down and Up Flushing Treatability Study conducted at the NERT site (Site). As requested by the Trust, the network of groundwater monitoring and extraction wells that were associated with the AP Area Down and Up Flushing Treatability Study were left in place to allow current and future monitoring and extraction of groundwater in that portion of the Site. The groundwater extraction system associated with the AP Area Down and Up Flushing Treatability Study has been turned over to Envirogen Technologies Inc. (ETI) for continued operation and maintenance. Per the requirements of this request, Tetra Tech has ensured that all injection wells that were installed as part of the AP Area Down and Up Flushing Treatability Study have been properly abandoned in accordance with all applicable federal, state, and local legal requirements. This memorandum is intended to document that these activities have been completed and the portion of the AP Area Down and Up Flushing Treatability Study area where the injection wells were located has been returned to its original condition.

Well abandonment activities were completed April 9, 2018 through April 11, 2018. All injection wells installed as part of the AP Area Treatability Study (UFIW-01S, I, and D through UFIW-08S, I, and D) were abandoned per Nevada regulations. All concrete-encased injection well surface completions were removed and this portion of the Site was restored to its original condition. Copies of the well abandonment reports submitted to and stamped by the State of Nevada Division of Water Resources are included in Attachment 1 to this memorandum. The stamped reports provide written confirmation that the wells have been abandoned as required. Photographs of the study area following well abandonment and site restoration activities are included as Attachment 2 to this memorandum.

Attachment 1

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

Log No. _____
 Permit No. _____
 Basin _____

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 40378
 WELL NAME (if applicable): UFIW-01D

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
 MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/SR 62 E Latitude 36.04781 UTM E NAD 27
 PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00432 N NAD 83/WGS 8

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 Is this well being plugged because a replacement well was drilled? No
 If yes, what is replacement well NOI? N/A
 Is there an existing well log? Yes
 If yes, what is NDWR well log #? 125973

4 EXISTING WELL CONSTRUCTION

Depth Drilled	<u>62</u> Feet	Depth Cased	<u>62</u> Feet
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EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.68</u>	<u>0.154</u>	<u>0</u>	<u>62</u>

7 WELL PLUGGING PROCEDURE

Was well cleaned out to total depth? yes no
 If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
 Was the casing pulled? yes no If pulled from: 0 feet to 62 feet
 Was the casing over drilled? yes no
 If casing was left in place, please show where additional perforations were made:

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>43</u> feet to <u>48</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:

Type of perforater used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

5 WATER LEVEL

Static water level _____ feet below land surface
 Artesian flow NA G.P.M. _____ P.S.I. _____
 Water temperature NA ° F Quality Clear

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From <u>0</u>	feet to <u>62</u>	feet	<u>Cement</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>

DCNR/DWR/SNBO
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Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
 Bentonite Grout _____ % bentonite
 Date Started 9-Apr
 Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
 Contractor
 Address 4221 W Oquendo Rd Las Vegas, NV 89118
 Contractor
 Nevada contractor's license number issued by the State Contractor's Board 0075355
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
 Signed Bob W
 By driller performing actual drilling on site or contractor
 Date 3-May

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
 Contractor
 Address 4221 W Oquendo Rd Las Vegas, NV 89118
 Contractor
 Nevada contractor's license number issued by the State Contractor's Board 0075355
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
 Signed Bob W
 By driller performing actual drilling on site or contractor
 Date 3-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

Log No. _____
Permit No. _____
Basin _____

PRINT OR TYPE ONLY
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*Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-011

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE 1/4 SW 1/4 Sec 12 T 22S R 62 E Latitude 36.04783 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00431 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NO? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125970

4 EXISTING WELL CONSTRUCTION
Depth Drilled 39 Feet Depth Cased 39 Feet
7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	39

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 39 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations:
Type of perforator used:
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used			
From <u>0</u> feet to <u>39</u> feet	<u>Cement</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet	_____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet	_____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet	_____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet	_____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet	_____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

**DCNR/DWR/SNBO
RECEIVED
MAY 07 2018**

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor
Nevada contractor's license number issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
Signed Bob Ny
By driller performing actual drilling on site or contractor
Date 3-May

(Rev 12-13)

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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Basin _____

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NOTICE OF INTENT NO. 40378
WELL NAME (If applicable): UFIW-01S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04782 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00433 N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125969

4 EXISTING WELL CONSTRUCTION

Depth Drilled	<u>29</u> Feet	Depth Cased	<u>29</u> Feet
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EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.68</u>	<u>0.154</u>	<u>0</u>	<u>29</u>

7 WELL PLUGGING PROCEDURE

Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 29 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>24</u> feet to <u>29</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:

Type of perforater used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

5 WATER LEVEL

Static water level _____ feet below land surface
Artesian flow NA G.P.M. _____ P.S.I.
Water temperature NA ° F Quality Clear

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From <u>0</u>	feet to <u>29</u>	feet	<u>Cement</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite

DCNR/DWR/SNBO
RECEIVED
MAY 07 2018

Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor

Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD

Signed Bob [Signature]
By driller performing actual drilling on site or contractor

Date 3-May

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This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

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Contractor

Nevada contractor's license number issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD

Signed Bob [Signature]
By driller performing actual drilling on site or contractor

Date 3-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

Log No. _____
Permit No. _____
Basin _____

**PRINT OR TYPE ONLY
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*Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-02D

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude 36.04781 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00426 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? N/A
If yes, what is NDWR well log #? N/A

4 EXISTING WELL CONSTRUCTION

Depth Drilled 62 Feet Depth Cased 62 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.68</u>	<u>0.154</u>	<u>0</u>	<u>62</u>

7 WELL PLUGGING PROCEDURE

Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 62 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>43</u> feet to <u>48</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:

Type of perforator used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

5 WATER LEVEL

Static water level _____ feet below land surface
Artesian flow NA G.P.M. _____ P.S.I.
Water temperature NA °F Quality Clear

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	Method
From <u>0</u>	feet to <u>62</u>	feet	<u>Cement</u>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
From _____	feet to _____	feet	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
From _____	feet to _____	feet	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
From _____	feet to _____	feet	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
From _____	feet to _____	feet	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
From _____	feet to _____	feet	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite

Date Started 9-Apr
Date Completed 12-Apr

**DCNR/DWR/SNBO
RECEIVED
MAY 07 2018**

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number _____
issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD

Signed Bob [Signature]
By driller performing actual drilling on site or contractor

Date 3-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY
Log No. _____
Permit No. _____
Basin _____

PRINT OR TYPE ONLY
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Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-021

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE 1/4 SW 1/4 Sec 12 T 22S N/S R 62 E Latitude 36.04782 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00425 N NAD 83/WGS 84
Issued by Water Resources Parcel No. _____

3 TYPE OF WELL Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NO? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125972

4 EXISTING WELL CONSTRUCTION

Depth Drilled	<u>42</u> Feet	Depth Cased	<u>42</u> Feet
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EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.68</u>	<u>0.154</u>	<u>0</u>	<u>42</u>

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A
Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 42 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>31</u> feet to <u>41</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:

Type of perforator used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	Pumped	Poured
From <u>0</u>	feet to <u>42</u>	feet	<u>Cement</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite

DCNR/DWR/SNBO
RECEIVED
MAY 07 2018

Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Nevada contractor's license number issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
Signed Bob J.
Date 3-May
By driller performing actual drilling on site or contractor

USE ADDITIONAL SHEETS IF NECESSARY

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

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Permit No. _____
Basin _____

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

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-02S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04782 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00426 N NAD 83/WGS 84

3 TYPE OF WELL: Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125971

4 EXISTING WELL CONSTRUCTION
Depth Drilled 29 Feet Depth Cased 29 Feet

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	29

Existing Perforations:
Type of perforation Factory
Size of perforation 0.02
From 24 feet to 29 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 29 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations:
Type of perforater used:
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used
From 0 feet to 29 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite

Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor

Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number _____
issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD

Signed Bob N
By driller performing actual drilling on site or contractor

Date 3-May

**DCNR/DWR/SNBO
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MAY 07 2018**

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

Log No. _____
 Permit No. _____
 Basin _____

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DO NOT WRITE ON BACK**

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

NOTICE OF INTENT NO. 40378
 WELL NAME (if applicable): UFIW-03S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
 MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04782 UTM E NAD 27
 PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00420 N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL Domestic Irrigation Test Municipal/Industrial Monitor Stock
 Is this well being plugged because a replacement well was drilled? No
 If yes, what is replacement well NOI? N/A
 Is there an existing well log? N/A
 If yes, what is NDWR well log #? N/A

4 EXISTING WELL CONSTRUCTION

Depth Drilled 35 Feet Depth Cased 35 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	35

7 WELL PLUGGING PROCEDURE

Was well cleaned out to total depth? yes no
 If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
 Was the casing pulled? yes no If pulled from: 0 feet to 35 feet
 Was the casing over drilled? yes no

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From <u>30</u> feet to <u>35</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

If casing was left in place, please show where additional perforations were made:

Additional Perforations:

From	To	Number of perfs per linear foot
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		
From _____ feet to _____ feet		

5 WATER LEVEL

Static water level _____ feet below land surface
 Artesian flow NA G.P.M. _____ P.S.I. _____
 Water temperature NA °F Quality Clear

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

From	To	Material Used	Pumped	Poured
From <u>0</u> feet to <u>35</u> feet		Cement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____ feet to _____ feet			<input type="checkbox"/>	<input type="checkbox"/>
From _____ feet to _____ feet			<input type="checkbox"/>	<input type="checkbox"/>
From _____ feet to _____ feet			<input type="checkbox"/>	<input type="checkbox"/>
From _____ feet to _____ feet			<input type="checkbox"/>	<input type="checkbox"/>
From _____ feet to _____ feet			<input type="checkbox"/>	<input type="checkbox"/>

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MAY 07 2018**

Neat Cement Fluid Weight 9 lbs/1 gal
 Bentonite Grout _____ % bentonite
 Date Started 9-Apr
 Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor
 Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number issued by the State Contractor's Board 0075355
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD

Signed Bob [Signature]
By driller performing actual drilling on site or contractor
 Date 2-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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 Permit No. _____
 Basin _____

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NOTICE OF INTENT NO. **40378**
 WELL NAME (if applicable): **UFIW-04S**

1 OWNER **Nevada Environmental Response Trust** ADDRESS AT WELL LOCATION **510 S. Fourth St**
 MAILING ADDRESS **35 East Wacker Dr, Suite 1550 Chicago**
 III 60601

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude **36.04782** UTM E NAD 27
 PERMIT/WAIVER No. **178-12-301-005** Longitude **115.00414** N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL: Domestic Irrigation Test Municipal/Industrial Monitor Stock
 Is this well being plugged because a replacement well was drilled? **No**
 If yes, what is replacement well NOI? **N/A**
 Is there an existing well log? **N/A**
 If yes, what is NDWR well log #? **N/A**

4 EXISTING WELL CONSTRUCTION
 Depth Drilled **30** Feet Depth Cased **30** Feet

7 WELL PLUGGING PROCEDURE
 Was well cleaned out to total depth? yes no
 If well was not cleaned out to total depth, please explain why: **N/A**

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	30

Was the well contaminated? yes no
 Was the casing pulled? yes no If pulled from: **0** feet to **30** feet
 Was the casing over drilled? yes no
 If casing was left in place, please show where additional perforations were made:
 Additional Perforations:

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From 25 feet to 30 feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Type of perforator used:

From	feet to	feet	Number of perms per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

5 WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow **NA** G.P.M. _____ P.S.I.
 Water temperature **NA** °F Quality **Clear**

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From 0	feet to 30	feet	Cement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet	_____	<input type="checkbox"/>	<input type="checkbox"/>

Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
 Bentonite Grout _____ % bentonite

Date Started **9-Apr**
 Date Completed **12-Apr**

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name **Cascade Drilling LLP** Contractor
 Address **4221 W Oquendo Rd Las Vegas, NV 89118** Contractor

Nevada contractor's license number _____
 issued by the State Contractor's Board **0075355**

Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2512-LTD**

Signed **Bob W**
 By driller performing actual plugging on site or contractor

Date **2-May**

**DCNR/DWR/SNBO
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MAY 07 2018**

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

OFFICE USE ONLY

Log No. _____
 Permit No. _____
 Basin _____

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

NOTICE OF INTENT NO. 40378
 WELL NAME (if applicable): UFIW-041

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
 MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04782 UTM E NAD 27
 PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00413 N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL Is this well being plugged because a replacement well was drilled? Is there an existing well log?
 Domestic Irrigation Test No N/A
 Municipal/Industrial Monitor Stock N/A If yes, what is replacement well NOI? N/A If yes, what is NDWR well log #? N/A

4 EXISTING WELL CONSTRUCTION

Depth Drilled 38 Feet Depth Cased 38 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	38

7 WELL PLUGGING PROCEDURE

Was well cleaned out to total depth? yes no
 If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
 Was the casing pulled? yes no If pulled from: 0 feet to 38 feet
 Was the casing over drilled? yes no

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From <u>33</u> feet to <u>38</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

If casing was left in place, please show where additional perforations were made:

Additional Perforations:

Type of perforator used:	Number of perfs per linear foot
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

5 WATER LEVEL

Static water level _____ feet below land surface
 Artesian flow NA G.P.M. _____ P.S.I. _____
 Water temperature NA °F Quality Clear

6 Additional Notes or Comments

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From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot
From _____ feet to _____ feet	Number of perfs per linear foot

8 WELL PLUGGING MATERIALS

Material Used

From <u>0</u> feet to <u>38</u> feet	Cement	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
 Bentonite Grout _____ % bentonite

Date Started 9-Apr
 Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor

Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number _____
 issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the _____
 Division of Water Resources, the on-site driller 2512-LTD

Signed Bob M
 By driller performing actual drilling on site or contractor

Date 2-May

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

OFFICE USE ONLY

Log No. _____
Permit No. _____
Basin _____

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

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-08D

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude 36.04732 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00414 N NAD 83/WGS 84

3 TYPE OF WELL: Domestic, Irrigation, Test, Municipal/Industrial, Monitor, Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125968

4 EXISTING WELL CONSTRUCTION: Depth Drilled 62 Feet, Depth Cased 62 Feet
7 WELL PLUGGING PROCEDURE: Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A
EXISTING CASING SCHEDULE:
Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet)
2.375 | 0.68 | 0.154 | 0 | 62

Existing Perforations:
Type of perforation: Factory, Size of perforation: 0.02
From 46 feet to 51 feet
Additional Perforations:
Type of perforator used:
From _____ feet to _____ feet Number of perfs per linear foot _____

5 WATER LEVEL: Static water level _____ feet below land surface
Artesian flow NA G.P.M. _____ P.S.I. _____
Water temperature NA °F Quality Clear

6 Additional Notes or Comments: _____

8 WELL PLUGGING MATERIALS:
Material Used:
From 0 feet to 62 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured

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Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118 Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD
Signed Bob [Signature]
By driller performing actual drilling on site or contractor
Date 2-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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Permit No. _____
Basin _____

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accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-081

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04733 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00413 N NAD 83/WGS 84

3 TYPE OF WELL: Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125967

4 EXISTING WELL CONSTRUCTION: Depth Drilled 41 Feet Depth Cased 41 Feet
EXISTING CASING SCHEDULE:
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
2.375 0.68 0.154 0 41
WELL PLUGGING PROCEDURE:
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A
Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 41 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations: _____
Type of perforater used: _____

Existing Perforations:
Type of perforation _____ Factory _____
Size of perforation _____ 0.02 _____
From _____ 35 _____ feet to _____ 40 _____ feet
From _____ _____ feet to _____ _____ feet
From _____ _____ feet to _____ _____ feet
From _____ _____ feet to _____ _____ feet
From _____ _____ feet to _____ _____ feet

5 WATER LEVEL:
Static water level _____ feet below land surface
Artesian flow NA G.P.M. _____ P.S.I. _____
Water temperature NA °F Quality Clear

6 Additional Notes or Comments: _____

8 WELL PLUGGING MATERIALS:
Material Used:
From 0 feet to 41 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured

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Neat Cement Fluid Weight 9 lbs/1 gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION:
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118 Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD
Signed Bob N
By driller performing actual plugging on site or contractor
Date 2-May

(Rev 12-13)

USE ADDITIONAL SHEETS IF NECESSARY

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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Log No. _____
Permit No. _____
Basin _____

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accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. **40378**
WELL NAME (if applicable): **UFIW-08S**

1 OWNER **Nevada Environmental Response Trust** ADDRESS AT WELL LOCATION **510 S. Fourth St**
MAILING ADDRESS **35 East Wacker Dr, Suite 1550 Chicago**
Ill 60601 Subdivision Name: _____ County: **Clark**

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude **36.04733** UTM E NAD 27
PERMIT/WAIVER No. **178-12-301-005** Longitude **115.00415** N NAD 83/WGS 8

3 TYPE OF WELL: Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? **No**
If yes, what is replacement well NOI? **N/A**
Is there an existing well log? **Yes**
If yes, what is NDWR well log #? **125966**

4 EXISTING WELL CONSTRUCTION
Depth Drilled **30** Feet Depth Cased **30** Feet
WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: **N/A**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	30

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: **0** feet to **30** feet
Was the casing over drilled? yes no

Existing Perforations:
Type of perforation: **Factory**
Size of perforation: **0.02**
From **25** feet to **30** feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Additional Perforations:
Type of perforater used:
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____
From _____ feet to _____ feet Number of perms per linear foot _____

5 WATER LEVEL
Static water level _____ feet below land surface
Artesian flow **NA** G.P.M. _____ P.S.I. _____
Water temperature **NA** °F Quality **Clear**

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS
Material Used
From **0** feet to **30** feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured

**DCNR/DWR/SNBO
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MAY 07 2018**

Neat Cement Fluid Weight **9** lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started **9-Apr**
Date Completed **12-Apr**

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name **Cascade Drilling LLP**
Contractor
Address **4221 W Oquendo Rd Las Vegas, NV 89118**
Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board **0075355**
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller **2512-LTD**
Signed **Bob [Signature]**
By driller performing actual drilling on site or contractor
Date **2-May**

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

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Permit No. _____
Basin _____

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

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-07D

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE 1/4 SW 1/4 Sec 12 T 22S N3R 62 E Latitude 36.04732 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00420 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NO? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125965

4 EXISTING WELL CONSTRUCTION
Depth Drilled 62 Feet Depth Cased 62 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	62

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>46</u> feet to <u>51</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 62 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:

Additional Perforations:

Type of perforator used:	From	feet to	feet	Number of perfs per linear foot
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____
	From _____	feet to _____	feet	_____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From <u>0</u>	feet to <u>62</u>	feet	Cement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet		<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet		<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet		<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet		<input type="checkbox"/>	<input type="checkbox"/>
From _____	feet to _____	feet		<input type="checkbox"/>	<input type="checkbox"/>

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Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number
issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the
Division of Water Resources, the on-site driller 2512-LTD
Signed [Signature]
By driller performing actual drilling on site or contractor

Date 2-May

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

OFFICE USE ONLY

Log No. _____
Permit No. _____
Basin _____

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

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-071

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S N/S R 62 E Latitude 36.04733 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00419 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125964

4 EXISTING WELL CONSTRUCTION
Depth Drilled 42 Feet Depth Cased 42 Feet
7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	42

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 42 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations: _____

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From <u>36</u> feet to <u>41</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Type of perforator used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

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

6 Additional Notes or Comments

From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____
From _____	feet to _____	feet	Number of perfs per linear foot _____

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8 WELL PLUGGING MATERIALS
Material Used
From 0 feet to 42 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
Bentonite Grout % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD
Signed Bob J
By driller performing actual drilling on site or contractor
Date 2-May

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD
Signed Bob J
By driller performing actual drilling on site or contractor
Date 2-May

(Rev 12-13)

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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Basin _____

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accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-07S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S M/S R 62 E Latitude 36.04733 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00421 N NAD 83/WGS 84

3 TYPE OF WELL: Domestic, Irrigation, Test, Municipal/Industrial, Monitor, Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125963

4 EXISTING WELL CONSTRUCTION
Depth Drilled 31 Feet Depth Cased 31 Feet

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	31

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 31 feet
Was the casing over drilled? yes no

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>26</u> feet to <u>31</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

If casing was left in place, please show where additional perforations were made:
Additional Perforations:

Type of perforater used:	Number of perms per linear foot
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

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Material Used
From 0 feet to 31 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
Bentonite Grout % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor
Nevada contractor's license number issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
Signed Bob W
By driller performing actual drilling on site or contractor
Date 2-May

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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NOTICE OF INTENT NO. **40378**
WELL NAME (If applicable): **UFIW-06D**

1 OWNER **Nevada Environmental Response Trust** ADDRESS AT WELL LOCATION **510 S. Fourth St**
MAILING ADDRESS **35 East Wacker Dr, Suite 1550 Chicago**
Ill 60601 Subdivision Name: _____ County: **Clark**

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude **36.04732** UTM E NAD 27
PERMIT/WAIVER No. **178-12-301-005** Longitude **115.00426** N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL: Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? **No**
If yes, what is replacement well NOI? **N/A**
Is there an existing well log? **Yes**
If yes, what is NDWR well log #? **125962**

4 EXISTING WELL CONSTRUCTION
Depth Drilled **62** Feet Depth Cased **62** Feet

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: **N/A**

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	62

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: **0** feet to **62** feet
Was the casing over drilled? yes no

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From 47 feet to 52 feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

If casing was left in place, please show where additional perforations were made:
Additional Perforations:

Type of perforater used:	Number of perfs per linear foot
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

5 WATER LEVEL
Static water level _____ feet below land surface
Artesian flow **NA** G.P.M. _____ P.S.I. _____
Water temperature **NA** °F Quality **Clear**

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

Material Used			
From 0 feet to 62 feet	Cement	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

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Neat Cement Fluid Weight **9**lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started **9-Apr**
Date Completed **12-Apr**

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name **Cascade Drilling LLP** Contractor
Address **4221 W Oquendo Rd Las Vegas, NV 89118** Contractor
Nevada contractor's license number _____ issued by the State Contractor's Board **0075355**
Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2512-LTD**
Signed **Bob N** By driller performing actual plugging on site or contractor
Date **1-May**

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

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NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-061

1 OWNER Nevada Environmental Response Trust
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601

ADDRESS AT WELL LOCATION 510 S. Fourth St
Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E
PERMIT/WAIVER No. 178-12-301-005
Issued by Water Resources Parcel No.

Latitude 36.04732 UTM E NAD 27
Longitude 115.00426 N NAD 83/WGS 8

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 12596

4 EXISTING WELL CONSTRUCTION
Depth Drilled 45 Feet Depth Cased 45 Feet

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	45

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 45 feet
Was the casing over drilled? yes no

Existing Perforations:

Type of perforation	Factory
Size of perforation	0.02
From <u>35</u> feet to <u>45</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:

Type of perforater used:	Number of perfs per linear foot
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS

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Material Used			
From <u>0</u> feet to <u>45</u> feet	Cement	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From _____ feet to _____ feet		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Neat Cement Fluid Weight 9 lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite

Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor

Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number _____
issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2512-LTD

Signed Bob J.
By driller performing actual drilling on site or contractor

Date 1-May

(Rev 12-13)

**STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT**

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NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-06S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude 36.04733 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00427 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125960

4 EXISTING WELL CONSTRUCTION
Depth Drilled 32 Feet Depth Cased 32 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	32

Existing Perforations:

Type of perforation	Factory
Size of perforation	<u>0.02</u>
From <u>27</u> feet to <u>32</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

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

6 Additional Notes or Comments

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A

Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 32 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations:

Type of perforator used:

From _____ feet to _____ feet	Number of perms per linear foot
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____
From _____ feet to _____ feet	_____

8 WELL PLUGGING MATERIALS

Material Used
From 0 feet to 32 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured

Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

9 DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor

Nevada contractor's license number issued by the State Contractor's Board 0075355

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD

Signed Bob J
By driller performing actual drilling on site or contractor

Date 1-May

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NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-05D

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude 36.04732 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115.00432 N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL Domestic Irrigation Test Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 125959

4 EXISTING WELL CONSTRUCTION
Depth Drilled 62 Feet Depth Cased 62 Feet
EXISTING CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
2.375 0.68 0.154 0 62

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A
Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 62 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations:

Existing Perforations:
Type of perforation Factory
Size of perforation 0.02
From 45 feet to 50 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Type of perforator used:
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____
From _____ feet to _____ feet Number of perfs per linear foot _____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS
Material Used
From 0 feet to 62 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

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9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118 Contractor
Nevada contractor's license number 0075355
issued by the State Contractor's Board
Nevada driller's license number issued by the 2512-LTD
Division of Water Resources, the on-site driller
Signed Bob J
By driller performing actual plugging on site or contractor
Date 1-May

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

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NOTICE OF INTENT NO. 40378
WELL NAME (if applicable): UFIW-05S

1 OWNER Nevada Environmental Response Trust ADDRESS AT WELL LOCATION 510 S. Fourth St
MAILING ADDRESS 35 East Wacker Dr, Suite 1550 Chicago
Ill 60601 Subdivision Name: _____ County: Clark

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R/SR 62 E Latitude 36.05 UTM E NAD 27
PERMIT/WAIVER No. 178-12-301-005 Longitude 115 N NAD 83/WGS 84

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NO? N/A
Is there an existing well log? Yes
If yes, what is NDWR well log #? 127944

4 EXISTING WELL CONSTRUCTION
Depth Drilled 30 Feet Depth Cased 30 Feet
EXISTING CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
2.375 0.68 0.154 0 30

7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? yes no
If well was not cleaned out to total depth, please explain why: N/A
Was the well contaminated? yes no
Was the casing pulled? yes no If pulled from: 0 feet to 30 feet
Was the casing over drilled? yes no
If casing was left in place, please show where additional perforations were made:
Additional Perforations:

Existing Perforations:

Type of perforation	Factory
From <u>25</u> feet to <u>30</u> feet	<u>0.02</u>
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Type of perforater used:

From	feet to	feet	Number of perfs per linear foot
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____
From _____	feet to _____	feet	_____

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

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS
Material Used
From 0 feet to 30 feet Cement Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
From _____ feet to _____ feet Pumped Poured
Neat Cement Fluid Weight 9lbs/1 gal lbs/gal
Bentonite Grout _____ % bentonite
Date Started 9-Apr
Date Completed 12-Apr

DCNR/DWR/SNBO
RECEIVED
MAY 07 2018

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LLP
Contractor
Address 4221 W Oquendo Rd Las Vegas, NV 89118
Contractor
Nevada contractor's license number issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2512-LTD
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 1-May

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S PLUGGING REPORT

OFFICE USE ONLY

Log No. _____
 Permit No. _____
 Basin _____

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. **40378**
 WELL NAME (if applicable): **UFIW-051**

1 OWNER **Nevada Environmental Response Trust** ADDRESS AT WELL LOCATION **510 S. Fourth St**
 MAILING ADDRESS **35 East Wacker Dr, Suite 1550 Chicago Ill 60601**
 Subdivision Name: _____ County: **Clark**

2 LOCATION NE ¼ SW ¼ Sec 12 T 22S R 62 E Latitude **36.04733** UTM E NAD 27
 PERMIT/WAIVER No. **178-12-301-005** Longitude **115.00432** N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3 TYPE OF WELL
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 Is this well being plugged because a replacement well was drilled? **No**
 If yes, what is replacement well NOI? **N/A**
 Is there an existing well log? **Yes**
 If yes, what is NDWR well log #? **125995**

4 EXISTING WELL CONSTRUCTION
 Depth Drilled **40** Feet Depth Cased **40** Feet

7 WELL PLUGGING PROCEDURE
 Was well cleaned out to total depth? yes no
 If well was not cleaned out to total depth, please explain why: **N/A**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.68	0.154	0	40

Was the well contaminated? yes no
 Was the casing pulled? yes no If pulled from: **0** feet to **40** feet
 Was the casing over drilled? yes no
 If casing was left in place, please show where additional perforations were made:

Existing Perforations:

Type of perforation	Factory
From 35 feet to 40 feet	Size of perforation 0.02
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Additional Perforations:
 Type of perforater used:
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____
 From _____ feet to _____ feet Number of perfs per linear foot _____

5 WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow **NA** G.P.M. _____ P.S.I. _____
 Water temperature **NA** °F Quality **Clear**

6 Additional Notes or Comments

8 WELL PLUGGING MATERIALS
 Material Used
 From **0** feet to **40** feet **Cement** Pumped Poured
 From _____ feet to _____ feet Pumped Poured
 From _____ feet to _____ feet Pumped Poured
 From _____ feet to _____ feet Pumped Poured
 From _____ feet to _____ feet Pumped Poured
 From _____ feet to _____ feet Pumped Poured
 Neat Cement Fluid Weight **9** lbs/1 gal lbs/gal
 Bentonite Grout _____ % bentonite
 Date Started **9-Apr**
 Date Completed **12-Apr**

DCNR/DWR/SNBO
 RECEIVED
 MAY 07 2018

9 DRILLER'S CERTIFICATION
 This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.
 Name **Cascade Drilling LLP**
 Address **4221 W Oquendo Rd Las Vegas, NV 89118**
 Nevada contractor's license number **0075355**
 issued by the State Contractor's Board
 Nevada driller's license number issued by the **2512-LTD**
 Division of Water Resources, the on-site driller
 Signed **Bob**
 By driller performing actual drilling on site or contractor
 Date **1-May**

(REV 12-13)

USE ADDITIONAL SHEETS IF NECESSARY

Attachment 2



Facing West: Former UFIW-05, UFIW-06, UFIW-07 and UFIW-08 locations after well abandonment.



Facing West: Former UFIW-01, UFIW-02, UFIW-03 and UFIW-04 locations after well abandonment.

\\11s134fs1\5UP-Projects\BLD01152025_NERT\AP-Area Up Down Flush TSWell Abandonment\Attachment 2_Photos.pptx



TETRA TECH

www.tetrattech.com

150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 854-2293

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

AP AREA DOWN AND UP FLUSHING TREATABILITY STUDY
HENDERSON, NEVADA

RESTORATION PHOTOGRAPHS

Project No.: 117-7502018

Date: MAY 17, 2018

Designed By: GR

Page No.

1 of 1