SUMMIT SIERRA, FALLEN LEAF, MT. GATE DISCHARGE MONITORING REPORTS

PERMIT NUMBER TNEV2007509

2006 - 2008
June 8, 2007

Mr. Joe Theaman, P.E.
Reuse Projects Manager
Washoe Co. Dept. of Water Resources
4930 Energy Way
Reno, Nevada 89520-0027

RE: Temporary Discharge Permit #TNEV2007509 - Washoe Co. Dept. Of Water Resources for the reuse irrigation at Summit Sierra, Fallen Leaf and Mountain Gate sites in Washoe County, Nevada.

Dear Mr. Joe,

Enclosed please find a copy of the temporary permit for the above cited projects. The temporary permit is in effect from June 8, 2007 through December 8, 2007.

Please advise the Division if there are any changes or additions to the activities related to the permit activities prior to the end of the temporary permit. Please note the requirement of water quality monitoring for the permit. Please distribute additional copies to all users and others that may need a copy.

If you have any questions regarding this, please contact me at (775) 687-9432. Thanks

Sincerely,

Tycl C. Mulligan, MS, ES
Bureau of Water Pollution Control

Enclosure


C:\WASHOECO.SUMMITSIERRA.ETAL.REU07.LTR
## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
### DISCHARGE MONITORING REPORT (DMR)

**OUTFALL:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Quantity or Loading</th>
<th>Quality or Concentration</th>
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</thead>
<tbody>
<tr>
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<tr>
<td></td>
<td>Maximum Units</td>
<td>Minimum Average Units</td>
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<tr>
<td>Sample Measurement</td>
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<tr>
<td>Permit Requirement</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**REUSE SUPPLIER PERMIT NUMBER**: NA

**PERMIT NUMBER**: NA

**NAME**: 

**ADDRESS**: 

**FACILITY**: 

**LOCATION**: 

**DATE OF NOTICE**: 

**NOTE**: Read instructions before completing this form.

---

**Name/Title Principal Executive Officer**

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. §1001 and 33 U.S.C. §1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

**Signature of Principal Executive Officer or Authorized Agent**

**DATE**: 

**TELEPHONE NO.**: 

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)

---

**Pg. 1 of 4**
509vada Division of Environmental Protection

TEMPORARY AUTHORIZATION TO DISCHARGE

In compliance with the provisions of Chapter 445A of the Nevada Revised Statutes,

Washoe County Department of Water Resources
Utility Division
4930 Energy Way
Reno, Nevada 89502

for the Effluent Reuse at:

Mountain Gate 001-400 ArrowCreek Parkway, Section 20, T.18N., R.20E MDBG; Latitude: 39.4083N., Longitude: -119.7638W.; 93.6 Acres

Fallen Leaf 002-17000 Wedge Parkway, Section 29, T.18N., R.20E MDBG; Latitude: 39.3960N., Longitude: -119.7637W.; 35.8 Acres

Summit Sierra 003-13925 South Virginia Street, Suite 212, Section 21 &28, T.18N., R. 20E. MDBG&; Latitude: 39.4029N., Longitude: -119.7511W., 16.4 Acres

Reno, Nevada 89511

is authorized to discharge tertiary treated denitrified, disinfected effluent supplied by the South Truckee Meadows Water Reclamation Facility (STMWRF - #NEV40024) for construction water uses, and for drip and spray irrigation of landscape plant materials and turf grass irrigation at the three sites.

Washoe County, Nevada
to receiving waters named

Groundwaters of the State via effluent percolation

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Part I, II and III hereof.

EFFECTIVE DATE OF PERMIT  

June 8, 2007

EXPIRATION DATE OF PERMIT (midnight),  

December 8, 2007

Igyl C. Mulligan, ES MS
Bureau of Water Pollution Control
Part I

A. EFFLUENT LIMITATIONS, MONITORING REQUIREMENTS AND CONDITIONS

1. During the period beginning on the effective date of this permit, and lasting until the permit expires or the permanent permit is issued, the Permittee is authorized to discharge (reuse) tertiary treated denitrified disinfected wastewater effluent for reuse. For construction water uses during the construction 2. via spray and drip irrigation of landscape plant materials and turf grass at the subject three sites. (Outfall #001 - 003)

Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location(s): Prior to effluent reuse at each of the three sites 001-003.

The discharge shall be limited and monitored by the Permittee as specified below:

Table I.1

<table>
<thead>
<tr>
<th>PARAMETERS</th>
<th>EFFLUENT DISCHARGE LIMITATIONS</th>
<th>MONITORING REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow: GPD (Construction water)</td>
<td>Monitor &amp; Report</td>
<td>Weekly</td>
</tr>
<tr>
<td>Flow Million Gallons per Month (MGM) Outfall 001, 002, 003</td>
<td>Monitor &amp; Report</td>
<td>Continuous Flow meter or calculate</td>
</tr>
<tr>
<td>Annual Application Volume (AF)</td>
<td>001-103.35 Acre-Feet/Year 002-20.825 Acre-Feet/Year 003-40.10 Acre-Feet/Year</td>
<td>Cumulative Calculate</td>
</tr>
<tr>
<td>Total Coliform (CFU, MPN)</td>
<td>2.2 CFU (MPN)/100 ml</td>
<td>Weekly</td>
</tr>
<tr>
<td></td>
<td>23 CFU (MPN)/100 ml</td>
<td>Discrete</td>
</tr>
</tbody>
</table>

Footnotes:

1. Sample results to be obtained from NEV40024 and reported by Permittee.
2. Monthly Maximum based upon highest usage day determined from consumptive use balance + 10% allowance and in accordance with the Effluent Management Plan.
3. To be submitted with the final DMR.

Flow monitoring shall be conducted by the Permittee. Rates of application shall not exceed rates specified in the Effluent Management Plan for the effluent irrigated areas considering soil permeability, plant materials uptake with leaching fraction or nitrogen loading, which ever governs.

Monitoring results must be reported by the Permittee in accordance with Part B. 2. The irrigation buffer zones must be consistent with fecal coliform limits as specified in NAC 445A.276.
Part I.A.

2. The irrigated areas shall be posted with conspicuous warning signs clearly stating that reclaimed/reuse water from treated effluent is utilized and to avoid contact.

3. The spray irrigation (if applicable) shall be conducted to inhibit aerosol drift of treated effluent. Watering during very windy periods may be manually controlled or may be done by hand and be supervised.

4. The results of the monitoring and analyses shall be submitted monthly on Discharge Monitoring Report Forms (DMR) regardless of the status of the discharge. A copy of the DMR form is attached and if the facility is not discharging the DMR must reflect this. The DMR shall be received, at the address given below, by the 28th day of the month following the monitoring. The DMR shall contain the original signature of the responsible party.

Division of Environmental Protection
Bureau of Water Pollution Control
ATTN: Compliance Coordinator - MS. Diana Silsby
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701

5. The effluent irrigation shall not cause objectionable odors on or off of the site.

6. There shall be no discharge of substances that would cause a violation of water quality standards of the State of Nevada.

7. There shall be no discharge from the reuse irrigation systems, except as authorized by this permit.

8. The irrigation systems and ancillaries shall be constructed and operated in accordance with plans approved by the Division. The plans must be approved by the Division prior to the start of construction. All changes to the approved plans must be approved by the Division.

9. The irrigation distribution facilities shall be operated in accordance with an Effluent Management Plan (EMP) which must be approved by the Division. This temporary authorization to utilize effluent upon issuance of this permit is in effect until the permanent permit is issued.

10. Effluent irrigation shall be conducted to reduce standing water to a minimum. Run-off of effluent from the site is prohibited.

11. The Permittee shall provide a copy of a brief, but complete and understandable, document describing the possible hazards and proper hygiene of working with and around treated wastewater to all grounds keepers and other personnel. A copy should be included in the EMP.

12. Drinking water fountains shall be covered during effluent irrigation if used.

13. Schedule of Compliance
   a. The Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.
I.B.  MONITORING AND REPORTING

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. Analyses shall be performed by a laboratory certified by the State of Nevada.

2. Definitions
   a. The "30-day average discharge" means the total discharge during a month divided by the number of samples in the period that the facility was discharging. Where less than daily sampling is required by this permit, the 30-day average discharge shall be determined by the summation of all the measured discharges divided by the number of samples during the period when the measurements were made.
   b. The "daily maximum" is the highest measurement during the monitoring period.
   c. The "30-day average concentration", other than for fecal coliform bacteria, means the arithmetic mean of measurements made during a month. The "30-day average concentration" for fecal coliform bacteria means the geometric mean of measurements made during a month. The geometric mean is the "n"th root of the product of "n" numbers. Geometric mean calculations where there are non-detect results for fecal coliform shall use one-half the detection limit as the value for the non-detect results.
   d. A "discrete" sample means any individual sample collected in less than 15 minutes.
   e. For flow-rate measurements a "composite" sample means the arithmetic mean of no fewer than six individual measurements taken at equal time intervals for 24 hours, or for the duration of discharge, whichever is shorter.
   
   For other than flow-rate a "composite" sample means a combination of no fewer than six individual flow-weighted samples obtained at equal time intervals for 24 hours, or for the duration of discharge, whichever is shorter. Flow-weighted sample means that the volume of each individual sample shall be proportional to the discharge flow rate at the time of sampling.

3. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the Act, under which such procedures may be required unless other procedures are approved by the Division.

4. Recording the Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:
   a. the exact place, date, and time of sampling;
   b. the dates the analyses were performed;
   c. the person(s) who performed the analyses;
   d. the analytical techniques or methods used; and
   e. the results of all required analyses.
Part I.B.

5. Additional Monitoring by Permittee

If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated.

6. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation, shall be retained for a minimum of three years, or longer if required by the Administrator.

7. Modification of Monitoring Frequency and Sample Type

After considering monitoring data, stream flow, discharge flow and receiving water conditions, the Division, may for just cause, modify the monitoring frequency and/or sample type.

PART II

1. MANAGEMENT REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with Nevada Administrative Code (NAC) 445A.283 to 445A.285. Pursuant to NAC 445A.263, the permit may be modified to specify and limit any pollutants not previously limited.

2. Facilities Operation

The Permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities, collection systems or pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit.

3. Adverse Impact

The Permittee shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
Part IIA.

4. Noncompliance, Unauthorized Discharge, Bypassing and Upset

a. Any diversion, bypass, spill, overflow or discharge of treated or untreated wastewater from wastewater treatment or conveyance facilities under the control of the Permittee is prohibited except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow or discharge not authorized by this permit is probable, the Permittee shall notify the Division immediately.

b. The Permittee shall notify the Division within twenty-four (24) hours of any diversion, bypass, spill, overflow or discharge of treated or untreated sewage other than that which is authorized by the permit. A written report shall be submitted to the Administrator within five (5) days of diversion, bypass, spill, overflow, upset or discharge, detailing the entire incident including:

1. time and date of discharge;
2. exact location and estimated amount of discharge;
3. flow path and any bodies of water which the discharge reached;
4. the specific cause of the discharge; and
5. the preventive and/or corrective actions taken.

c. The following shall be included as information which must be reported within 24 hours: any unanticipated bypass which exceeds any effluent limitation in the permit; any upset which exceeds any effluent limitation in the permit; and violation of a limitation for any toxic pollutant or any pollutant identified as the method to control a toxic pollutant.

d. The Permittee shall report all instances of noncompliance not reported under Part II.A.4.b. at the time monitoring reports are submitted. The reports shall contain the information listed in Part II.A.4.b.

e. An "upset" means an incident in which there is unintentional and temporary noncompliance with the permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

f. In selecting the appropriate enforcement option, the Division shall consider whether or not the noncompliance was the result of an upset.

g. The burden of proof is on the Permittee to establish that an upset occurred.

In order to establish that an upset occurred, the Permittee must provide, in addition to the information required under paragraph II.A.4.b. above, properly signed contemporaneous logs or other documentary evidence that:

1. The facility was at the time being properly operated as required in paragraph II.A.2. above; and
2. All reasonable steps were taken to minimize adverse impacts as required by paragraph II.A.3. above.
Part II.A.

5. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of waste waters shall be disposed of in a manner such as to prevent any pollution from such materials from entering any navigable waters.

6. Safeguards to Electric Power Failure

In order to maintain compliance with the effluent limitations and prohibitions of this permit the Permittee shall either:

a. provide at the time of discharge an alternative power source sufficient to operate the wastewater control facilities; and

b. halt or reduce all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

II.B. RESPONSIBILITIES

1. Right of Entry

The Permittee shall allow the Administrator and/or his authorized representatives, upon the presentation of credentials:

a. to enter upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and

b. at reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to perform any necessary sampling to determine compliance with this permit or to sample any discharge.

2. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Administrator. ALL transfer of permits shall be approved by the Division.

3. Availability of Reports

Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Division. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.
Part II.B.

4. Furnishing False Information and Tampering with Monitoring Devices

Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, is guilty of a gross misdemeanor and shall be punished by a fine of not more than $10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

5. Penalty for Violation of Permit Conditions

Nevada Revised Statutes (NRS) 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705.

6. Permit Modification, Suspension or Revocation

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

a. violation of any terms or conditions of this permit;
b. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
c. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

7. Toxic Pollutants

Notwithstanding Part I.B.6. above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.

8. Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Federal, State or local laws, regulations, or ordinances.

9. Property Rights

The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.
Part II.B.

10. **Severability**

The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

**PART III**

A. **OTHER REQUIREMENTS**

1. **Signature on Reporting Form Required.** Reporting forms submitted to the department must be signed by the authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates.

2. **Holding Pond Conditions**

If any wastewater from the Permittee's facility is placed in ponds, such ponds shall be located and constructed so as to:

   a. contain with no discharge the once-in-twenty-five year 24 hour storm at said location;

   b. withstand with no discharge the once-in-one-hundred year flood of said location; and

   c. prevent escape of wastewater by leakage other than as authorized by this permit.

3. **The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.**
**PERMITEE NAME/ADDRESS**  
(Include Facility Name/Location if different)

**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

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**REGIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)**  
**DISCHARGE MONITORING REPORT (DMR)**

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**MONITORING PERIOD**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>MO</th>
<th>DAY</th>
<th>TO</th>
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**PARAMETER** | **QUANTITY OR LOADING** | **QUALITY OR CONCENTRATION** | **No. Ex.** | **Frequency of Analysis** | **Sample Type**
---|---|---|---|---|---
**EFFLUENT FLOW**  
Outfall: 001  
Mountain Gate  
Sample Measurement  
Permit Requirement  
**AVERAGE** | 0* | 0 | M& R | M& R | 31/31 | CONTINUOUS | METER
---|---|---|---|---|---|---|---
**EFFLUENT FLOW**  
Outfall: 002  
Fallen Leaf  
Sample Measurement  
Permit Requirement  
**AVERAGE** | 0 | 0 | M& R | M& R |
---|---|---|---|---|
**EFFLUENT FLOW**  
Outfall: 003  
Summit Sierra  
Sample Measurement  
Permit Requirement  
**AVERAGE** | 0 | 0 | M& R | M& R |
---|---|---|---|---|
**TOTAL COLIFORM**  
Sample Measurement  
Permit Requirement  
**Units** | cfu/100 ml | | | | | WEEKLY | DISCRETE
---|---|---|---|---|---|---|---

---

**Name/Title**  
Principal Exec. Officer  
Paul C. Orphan, Engineering Manager  
Department of Water Resources

**TELEPHONE NUMBER**  
( 775 )
**DATE**  
08/04/29

**Signature of Principal Executive Officer or Authorized Agent**  
954-4600  
YR/MO/DAY

---

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)  
*Includes construction water
### Permittee Name/Address

**Name:** Washoe County Department of Water Resources-USD  
**Address:** 4930 Energy Way  
Reno, NV 89502

### Facility

**Facility:** South Truckee Meadows WRF  
**Location:** Summit Sierra, Fallen Leaf, Mt. Gate

### National Pollution Discharge Elimination System (NDPES) Discharge Monitoring Report (DMR)

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<tr>
<th>Parameter</th>
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<th>Sample Type</th>
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<td>Effluent Flow Outfall: 001 Mountain Gate</td>
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#### Notes

*Includes construction water

**Comment and Explanation of Any Violations (Reference all attachments here)**

---

**Name/Title Principal Exec. Officer**

Paul C. Orphan, Engineering Manager  
Department of Water Resources

**Typed or Printed**

---

**Telephone Number**

954-4600

**Signature of Principal Executive Officer or Authorized Agent**

Signature

**Date**

08/04/29
**PERMITEE NAME/ADDRESS**
(Include Facility Name/Location if different)

NAME: Washoe County Department of Water Resources-USD

ADDRESS: 4930 Energy Way
            Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

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**NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NDPES)**
**DISCHARGE MONITORING REPORT (DMR)**

**PERMIT NUMBER**

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<tr>
<th>PERMIT NUMBER</th>
<th>DISCHARGE NUMBER</th>
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**MONITORING PERIOD**

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<td>08</td>
<td>03</td>
<td>31</td>
</tr>
</tbody>
</table>

**NOTE:** Read instructions before completing this form.

---

### PARAMETER

#### EFFLUENT FLOW

- **Outfall: 001 Mountain Gate**
  - Sample Measurement: 0
  - Permit Requirement: M&R

- **Outfall: 002 Fallen Leaf**
  - Sample Measurement: 0
  - Permit Requirement: M&R

- **Outfall: 003 Summit Sierra**
  - Sample Measurement: 0
  - Permit Requirement: M&R

#### TOTAL COLIFORM

- Sample Measurement: 22

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#### QUALITY OR CONCENTRATION

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<tr>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
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#### No. Ex. Frequency of Analysis Sample Type

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<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<tbody>
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<td>31/31</td>
<td>CONTINUOUS METER</td>
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<td>31/31</td>
<td>CONTINUOUS METER</td>
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<tr>
<td></td>
<td>WEEKLY DISCRETE</td>
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</tr>
</tbody>
</table>

---

**Name/Title Principal Exec. Officer**

Paul C. Orphan, Engineering Manager
Department of Water Resources

**TELEPHONE NUMBER**

(775) 954-4600

**DATE**

08/04/29

---

**COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *Includes construction water**
January 24, 2008

Diana Silsby  
NDEP Division of Environmental Protection  
Bureau of Water Permits and Compliance  
901 S. Stewart Street, Suite 4001  
Carson City, NV 89701

Subject: Fourth Quarter Discharge Permit for (TNev2007509)

Dear Ms. Silsby:

We were advised that construction water was not being accounted for in previous Discharge Monitoring Reports. All construction water on this permit is utilized on the Mountain Gate Project (Outfall 001). A single meter serves the project and provides water for temporary and permanent landscaping as well as construction water used for dust control exclusively on this site.

If you have any questions, please call Joe Howard in this office at 954-4623.

Sincerely,

[Signature]

Paul C. Orphan, P.E.  
Engineering Manager

PCO/mv

c: Joe Theaman, Utility Operations Manager  
Joe P. Howard, P.E., Senior Licensed Engineer  
Kirk Peterson, SPB Utilities
January 7, 2008

Nevada Division of Environmental Protection  
Attn: Diana Silsby  
901 South Stewart Suite 4001  
Carson City, NV 89701-5249

Re:  
Permittee: South Truckee Meadows WRF  
Permit No. NEV40024

Dear Ms. Silsby:

The South Truckee Meadows Wastewater Reclamation Facility experienced two Total Coliform violations during the 4th quarter of 2007. The maximum limit for Total Coliform is 23 cfu/100 ml. The sample taken on October 25th was 25 cfu/100ml, the sample on December 28th was 94 cfu/100 ml. The samples taken before this date were all within range.

At the time of the Total Coliform violation the water clarity was excellent and there was proper chlorine residual.

If you have any questions or comments, please contact my office at 329-7757.

Sincerely,

Wes Johnson  
Certified Operator
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  
**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

#### Parameter: Effluent Flow  
**Outfall: 001 Mountain Gate**
- **Sample Measurement:** 1.65*  
**M&G/MGD**
- **Permit Requirement:** M&R

#### Parameter: Effluent Flow  
**Outfall: 002 Fallen Leaf**
- **Sample Measurement:** 0.35  
**M&G/MGD**
- **Permit Requirement:** M&R

#### Parameter: Effluent Flow  
**Outfall: 003 Summit Sierra**
- **Sample Measurement:** 1.51  
**M&G/MGD**
- **Permit Requirement:** M&R

#### Parameter: Total Coliform
- **Sample Measurement:** <1  
**MIN**  
1  
**SAMPLE TYPE:** WEEKLY  
**REMARKS:** DISCRETE
- **Sample Measurement:** 22  
**AVERAGE**  
**SAMPLE TYPE:**
- **Sample Measurement:** 23  
**MAXIMUM**  
**SAMPLE TYPE:**

---

**Comments and Explanations of ANY VIOLATIONS** (Reference all attachments here)  
*Includes construction water; ** see attached letter from SPB Utilities

---

**NOTE:** Read instructions before completing this form.
**PERMITTEE NAME/ADDRESS**  
(Washoe County Department of Water Resources-USD)

**ADDRESS:**  
4930 Energy Way  
Reno, NV 89502

**FACILITY:**  
South Truckee Meadows WRF

**LOCATION:**  
Summit Sierra, Fallen Leaf, Mt. Gate

---

**NATIONAL POLLUTON DISCHARGE ELIMINATION SYSTEM (NDPES)**  
**DISCHARGE MONITORING REPORT (DMR)**

**PERMIT NUMBER:** TNEV2007509

**DISCHARGE NUMBER:**

**MONITORING PERIOD**

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**NOTE:** Read instructions before completing this form.

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<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
</tr>
</thead>
</table>
| **EFFLUENT FLOW**  
Outfall 001  
Mountain Gate  
Sample Measurement | 1.21* | 0.055 | MGM/ MGD | 30/30 | CONTINUOUS |
| Permit Requirement | M&R | M&R | | | METER |
| **EFFLUENT FLOW**  
Outfall: 002  
Fallen Leaf  
Sample Measurement | 0.247 | 0.011 | MGM/ MGD | 30/30 | CONTINUOUS |
| Permit Requirement | M&R | M&R | | | METER |
| **EFFLUENT FLOW**  
Outfall: 003  
Summit Sierra  
Sample Measurement | 0.642 | 0.029 | MGM/ MGD | 30/30 | CONTINUOUS |
| Permit Requirement | M&R | M&R | | | METER |
| **TOTAL COLIFORM**  
Sample Measurement | | | <1 | 4/30 | WEEKLY |
| Permit Requirement | | | | | DISCRETE |

---

**Name/Title Principal Exec. Officer**  
Paul C. Orphan, Engineering Manager  
Department of Water Resources

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

**TELEPHONE NUMBER**  
( 775 ) 954-4600

**DATE**  
08/01/23

**Signature of Principal Executive Officer or Authorized Agent**

**COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**  
*Includes construction water.*
<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<td>EFFLUENT FLOW</td>
<td>Sample Measurement</td>
<td>Average: 0.192 Max: 0.007</td>
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<td>Sample Measurement</td>
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<td>MGM/ MGD</td>
<td>31/31</td>
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<tr>
<td>EFFLUENT FLOW</td>
<td>Sample Measurement</td>
<td>Average: 0.279 Max: 0.01</td>
<td>MGM/ MGD</td>
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<td>Permit Requirement</td>
<td>Average: M&amp;R Max: M&amp;R</td>
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</tr>
<tr>
<td>TOTAL COLIFORM</td>
<td>Sample Measurement</td>
<td>Average: 1 Max: 5.2**</td>
<td>94**</td>
<td>cfu/100 ml</td>
<td>DISCRETE</td>
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<td></td>
<td>Permit Requirement</td>
<td>Average: 2.2 Max: 23</td>
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<td>ANNUAL APPLICATION VOLUME</td>
<td>Sample Measurement</td>
<td>Average: 23.2 Max: 103.350</td>
<td>ac-ft/yr</td>
<td>1/365</td>
<td>CUMULATIVE</td>
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<td>Average: 0 Max: 1/365</td>
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</tr>
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<td>ANNUAL APPLICATION VOLUME</td>
<td>Sample Measurement</td>
<td>Average: 11.69 Max: 20.825</td>
<td>ac-ft/yr</td>
<td>1/365</td>
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<td></td>
<td>Permit Requirement</td>
<td>Average: 0 Max: 1/365</td>
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</tr>
<tr>
<td>ANNUAL APPLICATION VOLUME</td>
<td>Sample Measurement</td>
<td>Average: 41.84 Max: 40.100</td>
<td>ac-ft/yr</td>
<td>1/365</td>
<td>CUMULATIVE</td>
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<td>Permit Requirement</td>
<td>Average: 0 Max: 1/365</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NAME/Title Principal Exec. Officer: Paul C. Orphan, Engineering Manager Department of Water Resources

1 certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Signature of Principal Executive Officer or Authorized Agent: (775) 954-4600

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *Includes construction water; ** see attached letter from SPB Utilities
October 9, 2007

Nevada Division of Environmental Protection
Attn: Diana Silsby
901 South Stewart Suite 4001
Carson City, NV 89701-5249

Re: Permittee: South Truckee Meadows WRF
    Permit No. NEV40024

Dear Ms. Silsby:

The South Truckee Meadows Wastewater Reclamation Facility experienced a single Total Coliform violation in July 2007. The maximum limit for Total Coliform is 23 CFU/100 ml. The sample taken on July 27th was 50 CFU/100 ml. The samples taken before and after these dates were all within range. Total Coliform testing for the rest of the quarter was within the permit limits.

At the time of the Total Coliform violation the water clarity was excellent and there was proper chlorine residual.

There were also several violations of the influent flow during August and September 2007. This was due to pumping extra water into the dam for export reuse purposes. We are no longer pumping into the dam.

If you have any questions or comments, please contact my office at 329-7757.

Sincerely,

Wes Johnson
Certified Operator
NAME: Washoe County Department of Water Resources-USD

ADDRESS: 4930 Energy Way
Reno, NV 89502

FACILITY: South Truckee Meadows WRF
LOCATION: Summit Sierra, Fallen Leaf, Mt. Gate

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<td>EFFLUENT FLOW</td>
<td></td>
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<td>31/31</td>
<td>CONTINUOUS</td>
<td>METER</td>
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<tr>
<td>Outfall: 001</td>
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<tr>
<td>Mountain Gate</td>
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<tr>
<td>Sample Measurement</td>
<td>0.828</td>
<td>0.043</td>
<td>MGM/ MGD</td>
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<td>Permit Requirement</td>
<td>M&amp;R</td>
<td>M&amp;R</td>
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<tr>
<td>EFFLUENT FLOW</td>
<td></td>
<td></td>
<td>31/31</td>
<td>CONTINUOUS</td>
<td>METER</td>
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<tr>
<td>Outfall: 002</td>
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<tr>
<td>Sample Measurement</td>
<td>0.54</td>
<td>0.028</td>
<td>MGM/ MGD</td>
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<td>M&amp;R</td>
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<tr>
<td>EFFLUENT FLOW</td>
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<td>31/31</td>
<td>CONTINUOUS</td>
<td>METER</td>
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<tr>
<td>Outfall: 003</td>
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<tr>
<td>Summit Sierra</td>
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<tr>
<td>Sample Measurement</td>
<td>2.263</td>
<td>0.119</td>
<td>MGM/ MGD</td>
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<td>Permit Requirement</td>
<td>M&amp;R</td>
<td>M&amp;R</td>
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<tr>
<td>TOTAL COLIFORM</td>
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<td>1</td>
<td>WEEKLY</td>
<td>DISCRETE</td>
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<tr>
<td>Sample Measurement</td>
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<tr>
<td>Permit Requirement</td>
<td></td>
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<td>4/31</td>
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Signature of Principal Executive Officer or Authorized Agent

TELEPHONE NUMBER (775) 954-4600
DATE 07/10/30

YR/MO/DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *See attached letter from SPB Utilities.
**NAME:** Washoe County Department of Water Resources-USD  

**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate  

---

**PERMIT NUMBER:** TNEV2007337  

**DISCHARGE NUMBER:**  

---

**MONITORING PERIOD**  

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<th>YEAR</th>
<th>MO</th>
<th>DAY</th>
<th>TO</th>
<th>YEAR</th>
<th>MO</th>
<th>DAY</th>
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</thead>
<tbody>
<tr>
<td>07</td>
<td>08</td>
<td>01</td>
<td>TO</td>
<td>07</td>
<td>08</td>
<td>31</td>
</tr>
</tbody>
</table>

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**NOTE:** Read instructions before completing this form.  

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**PARAMETER**  

| Parameter | Quantity or Loading | Quality or Concentration | No. Ex. | Frequency of Analysis | Sample Type  
|-----------|---------------------|--------------------------|---------|----------------------|-----------  
| Effluent Flow | Average | Minimum | Maximum | Units | Minimum | Average | Maximum | Units |  
| Outfall: 001 Mountain Gate | 1.28 | 0.059 | M&R | MGM | M&R | MGM | MGD | 31/31 | CONTINUOUS | METER  
| Outfall: 002 Fallen Leaf | 0.7 | 0.032 | M&R | MGM | M&R | MGM | MGD | 31/31 | CONTINUOUS | METER  
| Outfall: 003 Summit Sierra | 2.878 | 0.132 | M&R | MGM | M&R | MGM | MGD | 31/31 | CONTINUOUS | METER  
| Total Coliform | <1 | 1.4 | 7 | cfu/100 ml | 5/31 | WEEKLY | DISCRETE  

---

**Name/Title Principal Exec. Officer:**  
Paul C. Orphan, Engineering Manager  
Department of Water Resources  

**TELEPHONE NUMBER:** (775) 954-4600  

**DATE:** 07/10/30  

**Telephone Number**  

**Signature of Principal Executive Officer or Authorized Agent**  

**Typed or Printed**  

**Comment and Explanation of ANY VIOLATIONS** (Reference all attachments here)
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
</tr>
</thead>
</table>
| Effluent Flow  
Outfall: 001  
Mountain Gate | Sample Measurement  
Average: 1.573  
Maximum: 0.056  
Units: MG/MGD | Permit Requirement: M&R  
Minimum: M&R  
Average: M&R  
Maximum: M&R | 30/30 | CONTINUOUS | METER |
| Effluent Flow  
Outfall: 002  
Fallen Leaf | Sample Measurement  
Average: 0.597  
Maximum: 0.021  
Units: MG/MGD | Permit Requirement: M&R  
Minimum: M&R  
Average: M&R  
Maximum: M&R | 30/30 | CONTINUOUS | METER |
| Effluent Flow  
Outfall: 003  
Summit Sierra | Sample Measurement  
Average: 2.688  
Maximum: 0.097  
Units: MG/MGD | Permit Requirement: M&R  
Minimum: M&R  
Average: M&R  
Maximum: M&R | 30/30 | CONTINUOUS | METER |
| Total Coliform | Sample Measurement  
Minimum: <1  
Average: <1  
Maximum: <1  
Units: CFU/100 ml | Permit Requirement: M&R | 4/30 | WEEKLY | DISCRETE |

**Name/Title Principal Exec. Officer**  
Paul C. Orphan, Engineering Manager  
Department of Water Resources  
** Typed or Printed **

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

**Signature of Principal Executive Officer or Authorized Agent**

**TELEPHONE NUMBER**  
(775) 954-4600  
**DATE**  
07/10/30  
**YR/MO/DAY**

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)
July 25, 2007

Diana Silsby  
Nevada Division of Environmental Protection  
Bureau of Water Pollution Control  
901 S. Stewart Street, Suite 4001  
Carson City, NV 89701

Subject: Second Quarter 2007 Discharge Monitoring Reports for Mountain Gate, Fallen Leaf, and Summit Sierra (NEV2007337)

Dear Ms. Silsby:

Attached are the Mountain Gate, Fallen Leaf, and Summit Sierra second quarter monitoring reports for the months of April, May, and June 2007.

As indicated on the DMR, the total application volume for the second quarter was 15.937 million gallons (or 48.91 acre-feet). No violation of the permit requirements was noted during the second quarter 2007 monitoring period.

If you have any questions, please call Mr. John Buzzzone in this office at 954-4725.

Sincerely,

[Signature]
Paul C. Orphan, P.E.  
Engineering Manager

JBB/mv

c: Joe Howard, P.E., Senior Utility Engineer  
Joe Theaman, Utility Operations Manager  
John Buzzzone, P.E., Licensed Engineer  
Kirk Peterson, SPB Utilities
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  
**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

<table>
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<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
</tr>
</thead>
</table>
| Effluent Flow 001 Mountain Gate  
Sample Measurement | 0 | 0 | MGM/MDG | 31/31 | CONTINUOUS | METER |
| Permit Requirement | | | M&R | | | |
| Effluent Flow 002 Fallen Leaf  
Sample Measurement | 1.577 | 0.083 | MGM/MDG | 31/31 | CONTINUOUS | METER |
| Permit Requirement | | | M&R | | | |
| Effluent Flow 003 Summit Sierra  
Sample Measurement | 3.057 | 0.160 | MGM/MDG | 31/31 | CONTINUOUS | METER |
| Permit Requirement | | | M&R | | | |
| Total Coliform  
Sample Measurement | <1 | 1.6 | 2.0 | cfu/100 ml | 4/31 | WEEKLY | DISCRETE |
| Permit Requirement | | | | | | |

**Name/Title** Principal Exec. Officer  
Paul C. Orphan, Engineering Manager  
Department of Water Resources

**TelephoneNumber**  
(775) 954-4600

**Date**  
07/07/24

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *Includes construction water
**PERMITTEE ADDRESS**  
(Include Facility Name/Location if different)

**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

---

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

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<th>DISCHARGE NUMBER</th>
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<td>TNEV2007337</td>
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</tr>
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**MONITORING PERIOD**  
YEAR / MO / DAY TO YEAR / MO / DAY  
07 05 01 TO 07 05 31

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**PARAMETER**  
**QUANTITY OR LOADING**  
**QUALITY OR CONCENTRATION**  
No. Ex.  
Frequency of Analysis  
Sample Type

| EFFLUENT FLOW  
Outfall: 001  
Mountain Gate | Sample Measurement | AVERAGE | MAXIMUM | Units | MINIMUM | AVERAGE | MAXIMUM | Units |
<table>
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<td></td>
<td>Sample Measurement</td>
<td>0.393</td>
<td>0.018</td>
<td>MGM/ MGD</td>
<td></td>
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</tbody>
</table>

| EFFLUENT FLOW  
Outfall: 002  
Fallen Leaf | Sample Measurement | 1.013   | 0.046   | MGM/ MGD |         |         |         |       |
| Permit Requirement | M&R | M&R | | | | | |

| EFFLUENT FLOW  
Outfall: 003  
Summit Sierra | Sample Measurement | 5.263   | 0.241   | MGM/ MGD |         |         |         |       |
| Permit Requirement | M&R | M&R | | | | | |

| TOTAL COLIFORM | Sample Measurement | 1 | 1.7 | 17 | cfu/100 ml | 0 | 5/28 |
| Permit Requirement | | | | | | | |

| Total Coliform | Sample Measurement | 2.2 | 23 | ml | | | |
| Permit Requirement | | | | | | | |

**NAME/ TITLE**  
Principal Executive Officer  
Paul C. Orphan, Engineering Manager  
Department of Water Resources

**TYPE OR PRINTED**  
I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

**TELEPHONE NUMBER**  
Signature of Principal Executive Officer or Authorized Agent  
( 775 ) 954-4600  
07/07/24

**NOTE:** Read instructions before completing this form.
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

---

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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</thead>
</table>
| **EFFLUENT FLOW Outfall: 001 Mountain Gate** | Sample Measurement: 0  
Permit Requirement: M&R | Minimum: MGM/MDG  
Average: MGM/MDG  
Maximum: MGM/MDG | 31/31 | CONTINUOUS | METER |
| **EFFLUENT FLOW Outfall: 002 Fallen Leaf** | Sample Measurement: 1.577  
Permit Requirement: M&R | Minimum: MGM/MDG  
Average: MGM/MDG  
Maximum: MGM/MDG | 31/31 | CONTINUOUS | METER |
| **EFFLUENT FLOW Outfall: 003 Summit Sierra** | Sample Measurement: 3.057  
Permit Requirement: M&R | Minimum: MGM/MDG  
Average: MGM/MDG  
Maximum: MGM/MDG | 31/31 | CONTINUOUS | METER |
| **TOTAL COLIFORM** | Sample Measurement: <1  
Permit Requirement: M&R | Minimum: <1  
Average: 1.6  
Maximum: 2.0  
cfu/100 ml  
Sample Measurement: 2.2  
Permit Requirement: M&R | 4/31 | WEEKLY | DISCRETE |

**Name/Title:** Principal Exec. Officer  
**Paul C. Orphan, Engineering Manager**  
**Department of Water Resources**

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**Signature of Principal Executive Officer or Authorized Agent:**

**Telephone Number:** 775-954-4600

**Date:** 07/07/24

**Comment and Explanation of Any Violations:** (Reference all attachments here) *Includes construction water
## NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
### DISCHARGE MONITORING REPORT (DMR)

**NAME:** Washoe County Department of Water Resources-USD  

**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### PERMIT NUMBER/DISCHARGE NUMBER

- TNEV2007337

### MONITORING PERIOD

- **07 01 01** TO **07 01 31**

### NOTE:
Read instructions before completing this form.

### PARAMETER Table

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<th>Quality or Concentration</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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| **EFFLUENT FLOW**  
Outfall: 001  
Mountain Gate  
Sample Measurement | 0.151 | 0.008 | MGM/ MGD | CONTINUOUS | METER |
| Permit Measurement | M&R | M&R | | 31/31 | |
| **EFFLUENT FLOW**  
Outfall: 002  
Fallen Leaf  
Sample Measurement | 0 | 0 | MGM/ MGD | CONTINUOUS | METER |
| Permit Measurement | M&R | M&R | | 31/31 | |
| **EFFLUENT FLOW**  
Outfall: 003  
Summit Sierra  
Sample Measurement | 0 | 0 | MGM/ MGD | CONTINUOUS | METER |
| Permit Measurement | M&R | M&R | | 31/31 | |
| **TOTAL COLIFORM**  
Sample Measurement | <1 | 0.78 | 3 | cfu/100 ml | WEEKLY | DISCRETE |
| Permit Measurement | | | | | |

### Name/Title Principal Exec. Officer
Paul C. Orphan, Engineering Manager  
Department of Water Resources

**Typed or Printed**

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**Signature of Principal Executive Officer or Authorized Agent**

**TELEPHONE NUMBER**  
954-4600

**DATE**  
07/04/27

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)  
*Includes construction water
<table>
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<th>PARAMETER</th>
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<th>QUALITY OR CONCENTRATION</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<td><strong>EFFLUENT FLOW Outfall: 001 Mountain Gate</strong></td>
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<td>Sample Measurement</td>
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<td><strong>EFFLUENT FLOW Outfall: 002 Fallen Leaf</strong></td>
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<tr>
<td>Sample Measurement</td>
<td>0</td>
<td>M&amp;G</td>
<td>28/28</td>
<td>CONTINUOUS</td>
<td>METER</td>
</tr>
<tr>
<td>Permit Requirement</td>
<td>0</td>
<td>M&amp;G</td>
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<td></td>
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<tr>
<td><strong>EFFLUENT FLOW Outfall: 003 Summit Sierra</strong></td>
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<td>Sample Measurement</td>
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<td>Sample Measurement</td>
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<td>M&amp;G</td>
<td>5/28</td>
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</table>

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Name/Title Principal Exec. Officer
Paul C. Orphan, Engineering Manager
Department of Water Resources

Signature of Principal Executive Officer or Authorized Agent
[Signature]

TELEPHONE NUMBER
(775) 954-4600

07/04/27

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *Includes construction water
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  
**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

<table>
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<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
<th>QUALITY OR CONCENTRATION</th>
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<td>0</td>
<td>M&amp;G/MGD</td>
<td>M&amp;G/MGD</td>
<td>31/31</td>
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<td>EFFLUENT FLOW Outfall: 003 Summit Sierra</td>
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<td>M&amp;G/MGD</td>
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</table>

**Comment and Explanation of Any Violations:** (Reference all attachments here) *Includes construction water

**Signature and Telephone Number:**

**Name/Title Principal Exec. Officer:** Paul C. Orphan, Engineering Manager  
**Department of Water Resources:**

**TELEPHONE NUMBER:** 775-954-4600  
**DATE:** 07/04/27

**Certification:** I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)
January 24, 2007

Diana Silsby  
Nevada Division of Environmental Protection  
Bureau of Water Pollution Control  
901 S. Stewart Street, Suite 4001  
Carson City, NV 89701

Subject: Fourth Quarter 2006 Discharge Monitoring Reports  
for Mountain Gate, Fallen Leaf, and Summit Sierra  
(TNEV2007337)

Dear Ms. Silsby:

Attached are the Mountain Gate, Fallen Leaf, and Summit Sierra fourth quarter monitoring reports for the months of October, November, and December 2006.

As noted on the DMR, the average total coliform concentration violated the permit condition for the month of November 2006. According to the operators of the South Truckee Meadows Water Reclamation Facility, a sample collected on November 9th contained 5 cfu/100ml total coliform and a sample collected on November 22nd contained 7 cfu/100ml total coliform. Samples collected before and after these dates were less than 2.2 cfu/100ml total coliform. At the time of the higher total coliform concentrations, the operators reported excellent water clarity and proper chlorine residuals.

If you have any questions, please call Mr. John Buzzzone in this office at 954-4725.

Sincerely,

Paul C. Orphan, P.E.  
Engineering Manager

JBB:

C: Joe Howard, P.E., Senior Utility Engineer  
Joe Theaman, Utility Operations Manager  
John Buzzzone, P.E., Licensed Engineer  
Kirk Peterson, SPB Utilities
**NAME:** Washoe County Department of Water Resources-USD

**ADDRESS:**
4930 Energy Way
Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF

**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

---

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

**PERMIT NUMBER:**

**DISCHARGE NUMBER:**

**MONITORING PERIOD**

<table>
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<th>YEAR</th>
<th>MO</th>
<th>DAY TO</th>
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**NOTE:** Read instructions before completing this form.

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<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<td>Effluent Flow</td>
<td>Sample Measurement</td>
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<td>M&amp;R</td>
<td>M&amp;R</td>
<td>31/31</td>
<td>CONTINUOUS</td>
<td>METER</td>
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<td>Effluent Flow</td>
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<tr>
<td>Permit Requirement</td>
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**Name/Title Principal Exec. Officer:**

**Paul C. Orphan, Engineering Manager**

**Department of Water Resources**

**TELEPHONE NUMBER:** 954-4600

**DATE:** 06/11/13

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here) *Includes construction water
**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  
**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>QUANTITY OR LOADING</th>
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<th>No. Ex.</th>
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<td>M&amp;G</td>
<td>M&amp;G</td>
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<td>Mountain Gate</td>
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**COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):**

*Includes construction water.*

**Name/Title:** Principal Exec. Officer  
**Department:** Engineering Manager  
**Name/Title:**  
**Department:** Water Resources  
**TELEPHONE NUMBER:** 954-4600  
**DATE:** 06/11/13  
**SIGNATURE:**
### National Pollution Discharge Elimination System (NPDES) Discharge Monitoring Report (DMR)

**Permit Number:** TNEV2007337

**Facility:** South Truckee Meadows WRF

**Location:** Summit Sierra, Fallen Leaf, Mt. Gate

#### Parameter

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<tr>
<th>Parameter</th>
<th>Quantity or Loading</th>
<th>Quality or Concentration</th>
<th>No. Ex.</th>
<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<tr>
<td><strong>Effluent Flow Outfall: 001</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Mountain Gate</td>
<td>Sample Measurement</td>
<td>AVERAGE: 0.289* MAXIMUM: 0.011</td>
<td>M&amp;R</td>
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<tr>
<td>Permit Requirement</td>
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<tr>
<td><strong>Effluent Flow Outfall: 002</strong></td>
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<td><strong>Effluent Flow Outfall: 003</strong></td>
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<td>Summit Sierra</td>
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<tr>
<td><strong>Total Coliform</strong></td>
<td>Sample Measurement</td>
<td>AVERAGE: &lt;1 MAXIMUM: 23</td>
<td>0 4/30</td>
<td>WEEKLY</td>
<td>DISCRETE</td>
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<tr>
<td>Permit Requirement</td>
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<tr>
<td><strong>Annual Application Volume Outfall: 001</strong></td>
<td></td>
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<tr>
<td>Mountain Gate</td>
<td>Sample Measurement</td>
<td>AVERAGE: 39.751 MAXIMUM: 103.350</td>
<td>ac-f/yr.</td>
<td>0 1/365</td>
<td>CUMULATIVE</td>
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<td><strong>Annual Application Volume Outfall: 002</strong></td>
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<tr>
<td>Fallen Leaf</td>
<td>Sample Measurement</td>
<td>AVERAGE: 6.402 MAXIMUM: 20.825</td>
<td>ac-f/yr.</td>
<td>0 1/365</td>
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<tr>
<td>Summit Sierra</td>
<td>Sample Measurement</td>
<td>AVERAGE: 15.001 MAXIMUM: 40.100</td>
<td>ac-f/yr.</td>
<td>0 1/365</td>
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<tr>
<td>Permit Requirement</td>
<td></td>
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</tbody>
</table>

**Name/Title Principal Exec. Officer:**

Paul C. Orphan, Engineering Manager
Department of Water Resources

**Telephone Number:** 954-4600

**Signature of Principal Executive Officer or Authorized Agent:**

Signature

**Comment and Explanation of Any Violations (Reference all attachments here):**

- Includes construction water
# NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
## DISCHARGE MONITORING REPORT (DMR)

**NAME:** Washoe County Department of Water Resources-USD

**ADDRESS:** 4930 Energy Way
Reno, NV 89502

**FACILITY:** South Truckee Meadows WRF
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

### PERMIT NUMBER
- **TNEV2007337**
- **DISCHARGE NUMBER**

### MONITORING PERIOD
- **YEAR MO DAY** 06 07 01 TO 06 07 31

**NOTE:** Read instructions before completing this form.

### PARAMETER

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<tr>
<th>Parameter</th>
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<th>Frequency of Analysis</th>
<th>Sample Type</th>
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<tr>
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<td>-</td>
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<td>Permit Requirement</td>
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<td>M&amp;R</td>
<td>METER</td>
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<tr>
<td>EFFLUENT FLOW</td>
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<td>MGM/ MGD</td>
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<td>FECAL COLIFORM</td>
<td>Sample Measurement</td>
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<td>&lt;1</td>
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**Name/Title:** Principal Exec. Officer

**Paul C. Orphan,** Engineering Manager
Department of Water Resources

**TELEPHONE NUMBER:** (775) 954-4600

**SIGNATURE:**

**DATE:** 06/11/13

**COMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here) *Includes construction water

**Note:** I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)
**PERMITTEE NAME/ADDRESS**  
(Include Facility Name/Location if different)

**NAME:** Washoe County Department of Water Resources-USD  
**ADDRESS:** 4930 Energy Way  
Reno, NV 89502  

**FACILITY:** South Truckee Meadows WRF  
**LOCATION:** Summit Sierra, Fallen Leaf, Mt. Gate

---

**NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NDPES)**  
**DISCHARGE MONITORING REPORT (DMR)**

**PERMIT NUMBER**  
TNEV2007337

**DISCHARGE NUMBER**

**MONITORING PERIOD**

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<th>YEAR</th>
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<th>DAY</th>
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<td>08</td>
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TO

<table>
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<th>YEAR</th>
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**NOTE:** Read instructions before completing this form.

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<tr>
<td>Outfall: 001 Mountain Gate</td>
<td>Sample Measurement</td>
<td>2.309*</td>
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<td>Permit Requirement</td>
<td>M&amp;R</td>
<td>M&amp;R</td>
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<tr>
<td>EFFLUENT FLOW</td>
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<td>Outfall: 002 Fallen Leaf</td>
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**Sample Type**

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<tr>
<td>5/31</td>
<td>WEEKLY</td>
<td>DISCRETE</td>
</tr>
</tbody>
</table>

**COMMMENT AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)  
*Includes construction water

---

**Name/Title Principal Exec. Officer**

Paul C. Orphan, Engineering Manager  
Department of Water Resources

**TELEPHONE NUMBER**  
( 775 )  
954-4600

**DATE**  
06/11/13

**Signature of Principal Executive Officer or Authorized Agent**

---
# National Pollution Discharge Elimination System (NPDES)

**Discharge Monitoring Report (DMR)**

**Permit Number:** TNEV2007337

**Discharge Number:**

## Monitoring Period

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<th>Day</th>
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<td>09</td>
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<td>06</td>
<td>09</td>
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## Facility and Location

- **Facility:** South Truckee Meadows WRF
- **Location:** Summit Sierra, Fallen Leaf, Mt. Gate

## Parameter and Quantity or Loading

### Effluent Flow

<table>
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<tr>
<th>Parameter Description</th>
<th>Average</th>
<th>Maximum</th>
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<tr>
<td>Effluent Flow Outfall: 001 Mountain Gate Sample Measurement</td>
<td>2.843*</td>
<td>0.103</td>
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**Permit Requirement:** M&R

### Effluent Flow Outfall: 002 Fallen Leaf

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<th>Parameter Description</th>
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**Permit Requirement:** M&R

### Effluent Flow Outfall: 003 Summit Sierra

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**Permit Requirement:** M&R

### Fecal Coliform

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<th>Units</th>
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**Permit Requirement:** 0

## Quality or Concentration

**Note:** Read instructions before completing this form.

- **Frequency of Analysis:**
  - Effluent Flow: 30/30
  - Fecal Coliform: 4/30

- **Sample Type:**
  - Effluent Flow: CONTINUOUS, METER
  - Fecal Coliform: WEEKLY, DISCRETE

---

**Name/Title Principal Exec. Officer**

Paul C. Orphan, Engineering Manager

**Department of Water Resources**

**Typed or Printed**

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years).

**Signature of Principal Executive Officer or Authorized Agent**

(775) 954-4600

**Telephone Number**

**Date**

06/11/13

**YR/MO/DAY**

---

**Comment and Explanation of Any Violations (Reference all attachments here)**

*Includes construction water*