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west virginia department of environmental protection

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Division of Water and Waste Management  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: (304) 926-0470  
Fax: (304) 926-0488

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

**CONSENT ORDER  
ISSUED UNDER THE  
WATER POLLUTION CONTROL ACT  
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11**

TO: City of Martinsburg  
Stephen M. Knipe  
232 N. Queen St.  
Martinsburg, WV 25401

DATE: December 2, 2015  
ORDER NO.: 8436

**INTRODUCTION**

This Consent Order is issued by the Director of the Division of Water and Waste Management (hereinafter "Director"), under the authority of West Virginia Code, Chapter 22, Article 11, Section 1 et seq. to City of Martinsburg.

**FINDINGS OF FACT**

In support of this Order, the Director hereby finds the following:

1. City of Martinsburg operates a waste water treatment plant located in Martinsburg, Berkeley County, West Virginia. City of Martinsburg was reissued WV/NPDES Water Pollution Control Permit No. WV0023167 on November 30, 2012.
2. On July 16, 2015, West Virginia Department of Environmental Protection (WVDEP) personnel conducted a review of facility records from the time period of July 1, 2013 through June 30, 2015.
  - a. Section A.001 – Twenty-two (22) exceedances of City of Martinsburg's permit parameters for Outlet No. 001 were observed and documented (Table 1). These exceedances can be further defined as:
    - i. Minor violations-fourteen (14)
    - ii. Moderate violations-three (3)
    - iii. Major violations-five (5)

- b. Section A.IU01 – Eight (8) exceedances of City of Martinsburg’s permit parameters for Outlet No. IU01 (Big Springs WTP) were observed and documented (Table 2). These exceedances can be further defined as:
  - i. Minor violations-two (2)
  - ii. Moderate violations-six (6)
3. On November 4, 2015, WVDEP personnel and representatives of City of Martinsburg met to discuss the terms and conditions of this Order.

**ORDER FOR COMPLIANCE**

Now, therefore, in accordance with Chapter 22, Article 11, Section 1 et seq. of the West Virginia Code, it is hereby agreed between the parties, and ORDERED by the Director:

1. City of Martinsburg shall immediately take all measures to initiate compliance with all terms and conditions of its WV/NPDES permit.
2. Within thirty (30) days of the effective date of this Order, City of Martinsburg shall submit for approval a proposed plan of corrective action and schedule, outlining action items and completion dates for how and when City of Martinsburg will achieve compliance with all terms and conditions of its WV/NPDES permit. The plan of corrective action shall make reference to WV/NPDES Permit No. WV0023167 and Order No. 8436. The plan of corrective action shall be submitted to:

**WVDEP Environmental Inspector Supervisor  
NE Regional Environmental Enforcement Office  
22288 Northwestern Pike  
Romney, WV 26757-8005**

A copy of this plan shall be submitted to:

**Chief Inspector  
Environmental Enforcement - Mail Code #031328  
WVDEP  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304**

Upon approval, the plan of corrective action and schedule shall be incorporated into and become part of this Order, as if fully set forth herein. Failure to submit an approvable plan of corrective action and schedule or failure to adhere to the approved schedule is a violation of this Order.

3. Because of City of Martinsburg’s permit violations, City of Martinsburg shall be assessed a civil administrative penalty of nine thousand nine hundred thirty dollars (\$9,930) to be paid to the West Virginia Department of Environmental Protection for deposit in the Water Quality Management Fund within thirty (30) days of the effective date of this Order. Payments made pursuant to this paragraph are not tax-deductible for purposes of

State or federal law. **Payment shall include a reference to the Order No. and shall be mailed to:**

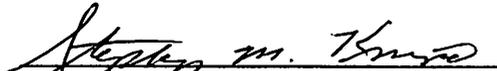
**Chief Inspector  
Environmental Enforcement - Mail Code #031328  
WV-DEP  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304**

**OTHER PROVISIONS**

1. City of Martinsburg hereby waives its right to appeal this Order under the provisions of Chapter 22, Article 11, Section 21 of the Code of West Virginia. Under this Order, City of Martinsburg agrees to take all actions required by the terms and conditions of this Order and consents to and will not contest the Director's jurisdiction regarding this Order. However, City of Martinsburg does not admit to any factual and legal determinations made by the Director and reserves all rights and defenses available regarding liability or responsibility in any proceedings regarding City of Martinsburg other than proceedings, administrative or civil, to enforce this Order.
2. The Director reserves the right to take further action if compliance with the terms and conditions of this Order does not adequately address the violations noted herein and reserves all rights and defenses which he may have pursuant to any legal authority, as well as the right to raise, as a basis for supporting such legal authority or defenses, facts other than those contained in the Findings of Fact.
3. If any event occurs which causes delay in the achievement of the requirements of this Order, City of Martinsburg shall have the burden of proving that the delay was caused by circumstances beyond its reasonable control which could not have been overcome by due diligence (i.e., force majeure). Force majeure shall not include delays caused or contributed to by the lack of sufficient funding. Within three (3) working days after City of Martinsburg becomes aware of such a delay, notification shall be provided to the Director/Chief Inspector and City of Martinsburg shall, within ten (10) working days of initial notification, submit a detailed written explanation of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and a timetable by which City of Martinsburg intends to implement these measures. If the Director agrees that the delay has been or will be caused by circumstances beyond the reasonable control of City of Martinsburg (i.e., force majeure), the time for performance hereunder shall be extended for a period of time equal to the delay resulting from such circumstances. A force majeure amendment granted by the Director shall be considered a binding extension of this Order and of the requirements herein. The determination of the Director shall be final and not subject to appeal.
4. Compliance with the terms and conditions of this Order shall not in any way be construed as relieving City of Martinsburg of the obligation to comply with any applicable law, permit, other order, or any other requirement otherwise applicable. Violations of the

terms and conditions of this Order may subject City of Martinsburg to additional penalties and injunctive relief in accordance with the applicable law.

- 5. The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions to be invalid or unenforceable, all other provisions shall remain in full force and effect.
- 6. This Order is binding on City of Martinsburg, its successors and assigns.
- 7. This Order shall terminate upon City of Martinsburg's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

  
 Stephen M. Knipe  
 City of Martinsburg

12-11-15  
 Date

Public Notice begin:



\_\_\_\_\_  
Date

DEC 17 2015

Public Notice end:

ENVIRONMENTAL  
ENFORCEMENT

\_\_\_\_\_  
Date

\_\_\_\_\_  
 Scott G. Mandirola, Director  
 Division of Water and Waste Management

\_\_\_\_\_  
Date

Table One: City of Martinsburg WV0023167 Outlet No. 001 DMR Exceedance Summary

| Outlet 001 DMR Exceedances - AVG. MONTHLY - 07/2013 through 06/2015 |                        |       |                        |                       |              | Degree of non-compliance |     |     |
|---|------------------------|-------|------------------------|-----------------------|--------------|--------------------------|-----|-----|
| Date  | Parameter              | Units | Permitted avg. monthly | Reported avg. monthly | % Exceedance | Min                      | Mod | Maj |
| 2/28/14   | Total Residual Chlorin | mg/l  | 0.015                  | 0.052                 | 247%         | -                        | X   | -   |
| 6/30/14   | Total Residual Chlorin | mg/l  | 0.015                  | 0.041                 | 173%         | -                        | X   | -   |
| 10/31/14  | Total Residual Chlorin | mg/l  | 0.015                  | 0.03                  | 100%         | -                        | X   | -   |
| 1/31/15   | Total Residual Chlorin | mg/l  | 0.015                  | 0.02                  | 33%          | X                        | -   | -   |

| Outlet 001 DMR Exceedances - MAX. DAILY - 07/2013 through 06/2015 |                        |            |                      |                     |              | Degree of non-compliance |     |     |
|---|------------------------|------------|----------------------|---------------------|--------------|--------------------------|-----|-----|
| Date  | Parameter              | Units      | Permitted max. daily | Reported max. daily | % Exceedance | Min                      | Mod | Maj |
| 2/28/14   | Total Residual Chlorin | mg/l       | 0.029                | 0.315               | 986%         | -                        | -   | X   |
| 6/30/14   | Total Residual Chlorin | mg/l       | 0.029                | 0.53                | 1728%        | -                        | -   | X   |
| 10/31/14  | Total Residual Chlorin | mg/l       | 0.029                | 0.68                | 2245%        | -                        | -   | X   |
| 12/31/14  | Total Residual Chlorin | mg/l       | 0.029                | 0.24                | 728%         | -                        | -   | X   |
| 1/31/15   | Total Residual Chlorin | mg/l       | 0.029                | 0.32                | 1003%        | -                        | -   | X   |
| 03/31/15  | Fecal Coliform         | Cnts/100rr | 400                  | 600                 | 50%          | X                        | -   | -   |
| 5/31/15   | Fecal Coliform         | Cnts/100rr | 400                  | 600                 | 50%          | X                        | -   | -   |
| 6/30/15   | Fecal Coliform         | Cnts/100rr | 400                  | 600                 | 50%          | X                        | -   | -   |

| Outlet 001 DMR Exceedances - D.O. INSTANTANEOUS. MIN. - 07/2013 through 06/2015 |           |       |                      |                     |              | Degree of non-compliance |     |     |
|---|-----------|-------|----------------------|---------------------|--------------|--------------------------|-----|-----|
| Date  | Parameter | Units | Permitted min. daily | Reported min. daily | % Exceedance | Min                      | Mod | Maj |
| 8/31/13   | D.O.      | mg/l  | 6.0                  | 5.6                 | 6.7%         | X                        | -   | -   |

| Outlet 001 Exceedances - Minimum 85% Removal - AVG. MONTHLY - 07/2013 through 06/2015 |                  |       |                             |                    |              | Degree of non-compliance |     |     |
|---|------------------|-------|-----------------------------|--------------------|--------------|--------------------------|-----|-----|
| Date  | Parameter        | Units | Permitted Minimum % Removal | Reported % Removal | % Exceedance | Min                      | Mod | Maj |
| 2/28/14   | BOD              | mg/l  | 85.0                        | 76.0               | 10.6%        | X                        | -   | -   |
| 1/31/14   | Suspended Solids | mg/l  | 85.0                        | 78                 | 8.2%         | X                        | -   | -   |
| 2/28/14   | Suspended Solids | mg/l  | 85.0                        | 73                 | 14.1%        | X                        | -   | -   |
| 3/31/14   | Suspended Solids | mg/l  | 85.0                        | 80                 | 5.9%         | X                        | -   | -   |
| 4/30/14   | Suspended Solids | mg/l  | 85.0                        | 84                 | 1.2%         | X                        | -   | -   |
| 5/31/14   | Suspended Solids | mg/l  | 85.0                        | 84                 | 1.2%         | X                        | -   | -   |
| 2/28/15   | Suspended Solids | mg/l  | 85.0                        | 83                 | 2.4%         | X                        | -   | -   |
| 3/31/15   | Suspended Solids | mg/l  | 85.0                        | 79                 | 7.1%         | X                        | -   | -   |
| 4/30/15   | Suspended Solids | mg/l  | 85.0                        | 82                 | 3.5%         | X                        | -   | -   |

| Outlet 001 Totals |  | Degree of non-compliance |     |     |
|-------------------|--|--------------------------|-----|-----|
|                   |  | Min                      | Mod | Maj |
|                   |  | 14                       | 3   | 5   |

Table Two: City of Martinsburg WV0023167 Outlet No. IU01 DMR Exceedance Summary

| Outlet IU01 DMR Exceedances - MAX. DAILY - 07/2013 through 06/2015 |                |       |                      |                     |              | Degree of non-compliance |     |     |
|--|----------------|-------|----------------------|---------------------|--------------|--------------------------|-----|-----|
| Date   | Parameter      | Units | Permitted max. daily | Reported max. daily | % Exceedance | Min                      | Mod | Maj |
| 8/31/13  | Total Lead     | mg/l  | 0.008                | 0.013               | 63%          | X                        | -   | -   |
| 9/30/13  | Total Lead     | mg/l  | 0.008                | 0.013               | 63%          | X                        | -   | -   |
| 7/31/13  | Total Aluminum | mg/l  | 10                   | 25.02               | 150%         | -                        | X   | -   |
| 8/31/13  | Total Aluminum | mg/l  | 10                   | 42.31               | 323%         | -                        | X   | -   |
| 9/30/13  | Total Aluminum | mg/l  | 10                   | 32.83               | 228%         | -                        | X   | -   |
| 12/31/13   | Total Aluminum | mg/l  | 10                   | 31.67               | 217%         | -                        | X   | -   |
| 7/31/14  | Total Aluminum | mg/l  | 10                   | 22.52               | 125%         | -                        | X   | -   |
| 8/31/14  | Total Aluminum | mg/l  | 10                   | 29.3                | 193%         | -                        | X   | -   |

| Outlet IU01 Totals |  | Degree of non-compliance |     |     |
|--------------------|--|--------------------------|-----|-----|
|                    |  | Min                      | Mod | Maj |
|                    |  | 2                        | 6   | 0   |

# Base Penalty Calculation

(pursuant to 47CSR1-6.1)

**Responsible Party:** City of Martinsburg **Receiving Stream:** \_\_\_\_\_

**Treatment System Design Maximum Flow:** 3 **MGD**

**Treatment System Actual Average Flow:** 2.5 **MGD** (if known)

Enter FOF# and rate each finding as to Potential and Extent.

| 1)                                       | Potential for Harm Factor           | Factor Range        | FOF# |      |       |    |    |    |    |    |    |    |    |    |
|--|-------------------------------------|---------------------|------|------|-------|----|----|----|----|----|----|----|----|----|
|  |                                     |                     | 2ai  | 2aii | 2aiii |    |    |    |    |    |    |    |    |    |
| a)                                       | Amount of Pollutant Released        | 1 to 3              | 1    | 1    | 1     |    |    |    |    |    |    |    |    |    |
| b)                                       | Toxicity of Pollutant               | 0 to 3              | 1    | 1    | 1     |    |    |    |    |    |    |    |    |    |
| c)                                       | Sensitivity of the Environment      | 0 to 3              | 1    | 1    | 1     |    |    |    |    |    |    |    |    |    |
| d)                                       | Length of Time                      | 1 to 3              | 1    | 1    | 1     |    |    |    |    |    |    |    |    |    |
| e)                                       | Actual Exposure and Effects thereon | 0 to 3              | 1    | 1    | 1     |    |    |    |    |    |    |    |    |    |
| <b>Average Potential for Harm Factor</b> |                                     |                     | 1    | 1    | 1     | No |
| 2)                                       | <b>Extent of Deviation Factor</b>   | <b>Factor Range</b> |      |      |       |    |    |    |    |    |    |    |    |    |
|  | Degree of Non-Compliance            | 1 to 3              | 1    | 2    | 3     |    |    |    |    |    |    |    |    |    |

**Potential for Harm Factors:**

- 1)c - Sensitivity of the Environment Potentially Affected (0 for "dead" stream)
- 1)d - Length of Time of Violation
- 1)e - Actual Human/Environmental Exposure and Resulting Effects thereon

**Examples/Guidance:**

**Note:** Rate as 1 for Minor, 2 for Moderate and 3 for Major. Rate as 0 if it does not apply.

**Minor** = exceedance of permit limit by <=40% for Avg. Monthly or <=100% for Daily Max., exceed numeric WQ standard by <= 100%, or report doesn't contain some minor information.

**Moderate** = exceedance of permit limit by >= 41% and <= 300% for Avg. Monthly , >= 101% and <= 600% for Daily Max., exceed numeric WQ standard by >= 101% and <= of 600% or report doesn't fully address intended subject matter.

**Major** = exceedance of permit limit by >= 301% for Avg. Monthly, >= 601% for Daily Max., exceed numeric WQ standard by >= 601%, failure to submit a report, failure to obtain a permit, failure to report a spill, etc. Note that a facility in SNC should be rated as major for length of time and degree of non-compliance.

Narrative WQ standard violations - case-by-case.





## Penalty Adjustment Factors

(pursuant to 47CSR1-6.2)

### Penalty Adjustment Factor

6.2.b.1 - Degree of or absence of willfulness and/or negligence - 0% to 30% increase

6.2.b.4 - Previous compliance/noncompliance history - 0% to 100% increase - based upon review of last three (3) years - Warning = maximum of 5% each, N.O.V. = maximum of 10% each, previous Order = maximum of 25% each - Consistent DMR violations for <1 year = 10% maximum, for >1 year but <2 years = 20% maximum, for >2 years but <3 years = 30% maximum, for >3 years = 40 % maximum

6.2.b.6 - Economic benefits derived by the responsible party (increase to be determined)

6.2.b.7 - Public Interest (increase to be determined)

6.2.b.8 - Loss of enjoyment of the environment (increase to be determined)

6.2.b.9 - Staff investigative costs (increase to be determined)

6.2.b.10 - Other factors

**Size of Violator: 0 - 50% decrease**

**NOTE:** This factor is not available to discharges that are causing a water quality violation. This factor does not apply to a commercial or industrial facility that employs or is part of a corporation that employs more than 100 individuals.

| Avg. Daily WW Discharge Flow (gpd) | % Reduction Factor |
|------------------------------------|--------------------|
| < 5,000                            | 50                 |
| 5,000 to 9,999                     | 40                 |
| 10,000 to 19,999                   | 30                 |
| 20,000 to 29,999                   | 20                 |
| 30,000 to 39,999                   | 10                 |
| 40,000 to 99,999                   | 5                  |
| > 100,000                          | 0                  |

**Additional Other factors to be determined for increases or decreases on a case-by-case basis.**

Public Notice Costs (cost for newspaper advertisement)

6.2.b.2 - Good Faith - 10% decrease to 10% increase

6.2.b.3 - Cooperation with the Secretary - 0% to 10% decrease

6.2.b.5 - Ability to pay a civil penalty - 0% to 100% decrease

## Base Penalty Adjustments

(pursuant to 47CSR1-6.2)

| Penalty Adjustment Factor  | % Increase | % Decrease | Base Penalty Adjustments |
|--|------------|------------|--------------------------|
| 6.2.b.1 - Willfulness and/or negligence -                                  | 10         |            | \$1,100                  |
| 6.2.b.4 - Compliance/noncompliance history                                 |            |            | \$0                      |
| 6.2.b.6 - Economic benefits -<br>(flat monetary increase)                  |            |            | \$0                      |
| 6.2.b.7 - Public Interest -<br>(flat monetary increase)                    |            |            | \$0                      |
| 6.2.b.8 - Loss of enjoyment -<br>(flat monetary increase)                  |            |            | \$0                      |
| 6.2.b.9 - Investigative costs -<br>(flat monetary increase)                |            |            | \$0                      |
| 6.2.b.10 - Other factors (size of violator)                                |            |            | \$0                      |
| 6.2.b.10 - Additional Other Factors -<br>Increase (flat monetary increase) |            |            | \$0                      |
| 6.2.b.10 - Additional Other Factors -<br>Decrease (flat monetary decrease) |            |            | \$0                      |
| Public Notice Costs (flat monetary increase)                               | \$30       |            | \$30                     |
| 6.2.b.2 - Good Faith - Increase  |            |            | \$0                      |
| 6.2.b.2 - Good Faith - Decrease  |            | 10         | (\$1,100)                |
| 6.2.b.3 - Cooperation with the Secretary                                   |            | 10         | (\$1,100)                |
| 6.2.b.5 - Ability to Pay   |            |            | \$0                      |
| <b>Penalty Adjustments</b>   |            |            | <b>(\$1,070)</b>         |
| <b>Penalty =</b>   |            |            | <b>\$9,930</b>           |

| Estimated Economic Benefit Item                                    | Estimated Benefit (\$) |
|--|------------------------|
| Monitoring & Reporting   |                        |
| Installation & Maintenance of Pollution Control Equipment          |                        |
| O&M expenses and cost of equipment/materials needed for compliance |                        |
| Permit Application or Modification                                 |                        |
| Competitive Advantage  |                        |
| <b>Estimated Economic Benefit</b>                                  | <b>\$0</b>             |
| <b>Comments:</b> Economic benefit not warranted.                   |                        |