



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

APR 23 2010

REPLY TO THE ATTENTION OF:  
LR-8J

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED 7009 1680 0000 7665 1790**

Mr. Laurence Kelly  
Vice President  
Mercury Vapor Processing Technologies, Inc., d/b/a River Shannon Recycling  
7144 North Harlem Avenue  
Suite 303  
Chicago, Illinois 60631

**RCRA-05-2010-0015**

Re: Administrative Complaint and Compliance Order  
Mercury Vapor Processing Technologies Inc., d/b/a/ River Shannon Recycling  
EPA ID No.: ILD005234141

Dear Mr. Kelly:

Enclosed please find an Administrative Complaint and Compliance Order (Complaint), which specifies the U.S. Environmental Protection Agency's determination of violations of the Resource Conservation and Recovery Act (RCRA) as amended, 42 U.S.C. § 6901 *et seq.*, by Mercury Vapor Processing Technologies, Inc., d/b/a River Shannon Recycling (River Shannon Recycling). EPA based its determination on the October 30, 2007 inspection of the River Shannon Recycling facility located at 13605 South Halsted Street in Riverdale, Illinois and information provided by River Shannon Recycling in response to several EPA Requests for Information. The general allegations in the Complaint state the reasons for EPA's determination.

Accompanying this Complaint is a Notice of Opportunity for Hearing. Should you desire to contest the Complaint, you must file a written request for a hearing with the Regional Hearing Clerk within thirty (30) days after service of this Complaint. You must file the request for hearing with the Regional Hearing Clerk (E-13J), U.S. Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, Chicago, Illinois 60604. You must also send a copy of your request to Tom Williams, Office of Regional Counsel (C-14J), at the above address.

Regardless of whether you choose to request a hearing within the prescribed time limit following the filing of this Complaint, EPA extends to you the opportunity to request an informal settlement conference. The settlement conference discussions may include the mitigation of the proposed penalty in accordance with EPA guidance on pollution prevention and supplemental environmental projects. A request for an informal settlement conference with EPA will not

affect or extend the thirty (30) day deadline to file an Answer in order to avoid a Finding of Default on the Complaint.

If you have any questions or want to request an informal settlement conference with Land and Chemicals Division staff, please contact Todd C. Brown, United States Environmental Protection Agency, RCRA Branch (LR-8J), 77 West Jackson Boulevard, Chicago, Illinois 60604. Mr. Brown may also be reached at (312) 886-6091.

Sincerely,

A handwritten signature in black ink, appearing to read "Mary Setnicar". The signature is written in a cursive, flowing style.

Mary S. Setnicar  
Acting Chief, RCRA Branch  
Land and Chemicals Division

Enclosure

cc: Todd Marvel, Illinois Environmental Protection Agency (w/enclosure)

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5**

IN THE MATTER OF: )  
 )  
Mercury Vapor Processing )  
Technologies Inc., a/k/a/ River Shannon )  
Recycling )  
13605 S. Halsted )  
Riverdale, Illinois 60827 )  
U.S. EPA ID No.: ILD005234141, )  
 )  
Respondent )  
\_\_\_\_\_ )

DOCKET NO. RCRA-05-2010-0015

RECEIVED  
APR 23 2010

REGIONAL HEARING CLERK  
U.S. ENVIRONMENTAL  
PROTECTION AGENCY.

**Complaint and Compliance Order**

**Preliminary Statement and Jurisdiction**

1. This is a civil administrative action instituted under Section 3008(a) of the Solid Waste Disposal Act, as amended, also known as the Resource Conservation and Recovery Act of 1976, as amended (RCRA), 42 U.S.C. § 6928(a). RCRA was amended in 1984 by the Hazardous and Solid Waste Amendments of 1984 (HSWA).

2. The Complainant is, by lawful delegation, the Director, Land and Chemicals Division, Region 5, United States Environmental Protection Agency (U.S. EPA).

3. U.S. EPA has provided notice of commencement of this action to the State of Illinois pursuant to Section 3008(a)(2) of RCRA, 42 U.S.C. § 6928(a)(2).

4. Jurisdiction for this action is conferred upon U.S. EPA by Sections 2002(a)(1), 3006(b) and 3008 of RCRA; 42 U.S.C. §§ 6912(a)(1), 6926(b) and 6928.

5. Respondent is Mercury Vapor Processing Technologies, Incorporated, also known as River Shannon Recycling, a business corporation doing, or that has done, business in the State of Illinois.

### **Statutory and Regulatory Background**

6. Pursuant to Sections 3002, 3003, and 3004 of RCRA, 42 U.S.C. §§ 6922, 6923, and 6924, U.S. EPA has promulgated regulations, codified at 40 C.F.R. Parts 260 through 279, governing generators and transporters of hazardous waste and facilities that treat, store and dispose of hazardous waste.

7. Pursuant to Section 3006 of RCRA, 42 U.S.C. § 6926, the Administrator of U.S. EPA may authorize a state to administer the RCRA hazardous waste program in lieu of the federal program when the Administrator finds that the state program meets certain conditions.

8. Any violation of regulations promulgated pursuant to Subtitle C (Sections 3001-3023 of RCRA, 42 U.S.C. §§ 6921-6939(e)) or of any state provision authorized pursuant to Section 3006 of RCRA, constitutes a violation of RCRA, subject to the assessment of civil penalties and issuance of compliance orders as provided in Section 3008 of RCRA, 42 U.S.C. § 6928.

9. Pursuant to Section 3006(b) of RCRA, 42 U.S.C. § 6926(b), the Administrator of U.S. EPA granted the State of Illinois final authorization to administer a state hazardous waste program in lieu of the federal government's base RCRA program effective January 31, 1986. 51 Fed. Reg. 3778 (January 31, 1986). The U.S. EPA-authorized Illinois RCRA permit regulations are codified at 35 Illinois Administrative Code (IAC) Part 703 *et seq.* See also 40 C.F.R. § 272.700 *et seq.*

10. At all times relevant to this Complaint and Compliance Order, the Administrator had not granted final authorization to Illinois to administer the Universal Waste regulations at 40 C.F.R. Part 273.

11. In the absence of state authorization for the Universal Waste program, the authorized Subtitle C requirements apply to the treatment, storage and disposal of hazardous waste batteries, mercury-containing equipment, pesticides and lamps in Illinois.

12. Under Section 3008(a) of RCRA, 42 U.S.C. § 6928(a), U.S. EPA may issue an order assessing a civil penalty for any past or current violation, requiring compliance immediately or within a specified period of time, or both.

13. The Administrator of U.S. EPA may assess a civil penalty of up to \$25,000 per day for each violation of Subtitle C of RCRA according to Section 3008 of RCRA, 42 U.S.C. § 6928. The Federal Civil Penalties Inflation Adjustment Act of 1990, as amended by the Debt Collection Improvement Act of 1996, 31 U.S.C. § 3701, required U.S. EPA to adjust its penalties for inflation on a periodic basis. Pursuant to the Civil Monetary Penalty Inflation Adjustment Rule, published at 40 C.F.R. Part 19, U.S. EPA may assess a civil penalty of up to \$32,500 per day for each violation of Subtitle C of RCRA that occurred after March 15, 2004 through January 12, 2009, and may assess a civil penalty of up to \$37,500 per day for each violation of Subtitle C of RCRA that occurred after January 12, 2009.

### General Allegations

14. Respondent was at all times relevant to this Complaint and Compliance Order a “person” as defined by 35 IAC § 720.110 and Section 1004(15) of RCRA, 42 U.S.C. § 6903(15).

15. Respondent was at all times relevant to this Complaint and Compliance Order the “operator,” as defined by 35 IAC § 720.110 and 40 C.F.R. § 260.10, of a facility located at 13605 S. Halsted Street in Riverdale, Illinois (the “Riverdale facility”).

16. The Riverdale facility consisted of land and structures, and other improvements on the land, used for treating and storing hazardous waste.

17. The Riverdale facility is a “facility” as that term is defined under 35 IAC § 720.110 and 40 C.F.R. § 260.10.

18. Representatives of U.S. EPA conducted a compliance evaluation inspection (“CEI”) under Section 3007 of RCRA, 42 U.S.C. § 6927, at the Riverdale facility on October 30, 2007.

19. During the CEI, U.S. EPA’s inspector observed cardboard boxes, drums, two roll-off containers and three semi-truck trailers containing waste lamps at or adjacent to the Riverdale facility.

20. At least thirty-three of the boxes of waste lamps referred to in paragraph 19, above, were open and unlabelled.

21. On November 5, 2007, May 20, 2008 and October 3, 2008, U.S. EPA issued to Respondent Requests for Information under Section 3007 of RCRA, 42 U.S.C. § 6927.

22. Respondent submitted responses to U.S. EPA's Requests for Information on or about November 26, 2007, June 3, 2008 and October 20, 2008.

23. According to Respondent, it began operating at the Riverdale facility in February 2005.

24. According to Respondent, it has operated what it has identified as a "mobile treatment unit."

25. According to Respondent, its "mobile treatment unit" crushed waste lamps, and mercury vapor released from the crushing was captured by a series of activated carbon filters in the form of mercuric sulfide.

26. At various times, including the period between February 2005 and October 30, 2007, Respondent received waste lamps, including spent fluorescent lamps, from third parties.

27. During the period referred to in paragraph 26, above, Respondent transported waste lamps, including spent fluorescent bulbs, to the Riverdale facility for crushing.

28. During the period referred to in paragraph 26, above, Respondent held waste lamps for temporary periods at the Riverdale facility before crushing them.

29. During the period referred to in paragraph 26 above, Respondent crushed waste lamps at the Riverdale facility.

30. By crushing the waste lamps, Respondent reduced the waste lamps' volume.

31. According to Respondent, its crushing process removed mercury from the waste lamps.

32. According to Respondent, subsequent to its crushing of waste lamps, the waste glass and aluminum resulting from the crushing process were at some times disposed of at the CID landfill facility located at 138th and Calumet Expressway, in Calumet City, Illinois.

33. According to Respondent, subsequent to the crushing of waste lamps, the waste glass and aluminum resulting from the crushing process were at other times disposed of at the Land and Lakes Landfill located at 801 East 138th Street, in Dolton, Illinois.

34. According to Respondent, subsequent to the crushing of waste lamps, the spent carbon resulting from the crushing process was temporarily held at the Riverdale facility.

35. According to Respondent, the spent carbon referred to in paragraph 34, above, was temporarily held at the Riverdale facility pending disposal at the Land and Lakes Landfill located at 801 E. 138th Street, in Dolton, Illinois.

36. As part of its response to the November 5, 2007, Information Request, Respondent provided bills of lading purporting to document the number of waste lamps it received for crushing at the Riverdale facility.

37. Respondent has claimed that the bills of lading referred to in paragraph 36, above, and the information contained therein, should not be made public for reasons of business confidentiality.

38. Pursuant to 40 C.F.R. Part 2, Subpart B, Complainant has requested Respondent to substantiate its claim of confidentiality and is presently waiting for Respondent's response.

39. Respondent held for temporary periods and crushed very large quantities of waste lamps at the Riverdale facility. Complainant will provide an estimated minimum quantity of those waste lamps, under seal if the bills of lading are determined to be entitled to confidentiality.

40. A significant percentage of the types of waste lamps Respondent crushed at the Riverdale facility exhibit the characteristic of toxicity as defined at 35 IAC § 721.124 (40 C.F.R. § 261.24), due to their exceedance of the maximum concentration for mercury.

41. On November 14, 2007, Complainant collected samples of waste lamps accumulated for treatment at the Riverdale facility, and subjected the waste lamp samples to the Toxicity Characteristic Leaching Procedure (TCLP) described at 35 IAC § 721.124 and 40 C.F.R. § 261.24.

42. Complainant's analysis of the sample waste lamps referred to in paragraph 41, above, confirmed that at least some of the waste lamps Respondent temporarily held for crushing at the Riverdale facility exhibited the characteristic of toxicity as defined at 35 IAC § 721.124 (40 C.F.R. § 261.24).

43. Respondent has not applied for a permit to engage in hazardous waste storage at the Riverdale facility.

44. Respondent does not have a permit to engage in hazardous waste storage at the Riverdale facility.

45. Respondent has not applied for interim status to engage in hazardous waste storage at the Riverdale facility.

46. Respondent has not applied for a permit to engage in hazardous waste treatment at the Riverdale facility.

47. Respondent does not have a permit to engage in hazardous waste treatment at the Riverdale facility.

48. Respondent has not applied for interim status to engage in hazardous waste treatment at the Riverdale facility.

49. On or about March 10, 2010, Respondent was involuntarily dissolved by the State of Illinois.

50. Illinois Revised Code provides at 805 ILCS § 12.80 that:

[t]he dissolution of a corporation either (1) by filing articles of dissolution in accordance with Section 12.20 of this Act, (2) by the issuance of a certificate of dissolution in accordance with Section 12.40 of this Act, (3) by a judgment of dissolution by a circuit court of this State, or (4) by expiration of its period of duration, shall not take away nor impair any civil remedy available to or against such corporation, its directors or shareholders, for any right of claim existing, or any liability incurred, prior to such dissolution if action or other proceeding thereon is commenced within five years after the date of such dissolution. Any such action or proceeding by or against the corporation may be prosecuted or defended by the corporation in its corporate name.

### **Count 1**

#### **Operation of a Hazardous Waste Storage and Treatment Facility Without a RCRA Permit**

51. Complainant incorporates paragraphs 1 through 50 of this Complaint as though set forth in this paragraph.

52. 35 IAC § 721.102(a)(1) [40 C.F.R. § 261.2(a)(1)] defines “solid waste” as “... any discarded material that is not excluded by Section 721.104(a) or that is not excluded pursuant to 35 Ill. Adm. Code 720.130 and 720.131.”

53. 35 IAC § 721.102 (a)(2) [40 C.F.R. § 261.2(a)(2)] provides, in part, that discarded material “is any material that is described as ... [a]bandoned, as explained in subsection b) of this Section ...”

54. 35 IAC § 721.102(b) [40 C.F.R. § 261.2(b)] provides that a material is a solid waste “if it is abandoned in one of the following ways:

- 1) It is disposed of;
- 2) It is burned or incinerated; or
- 3) It is accumulated, stored or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.”

55. “Treatment” is defined at 35 IAC § 720.110 (40 C.F.R. § 260.10) as “any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize the waste, recover energy or material resources from the waste, or render the waste non-hazardous or less hazardous; safer to transport, store, or dispose of; or amenable for recovery, amenable for storage, or reduced in volume.”

56. “Storage” is defined at 35 IAC § 720.110 (40 C.F.R. § 260.10) as “the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.”

57. “Disposal” is defined at 35 IAC § 720.110 (40 C.F.R. § 260.10) as “the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.”

58. 35 IAC § 721.103(a) [40 C.F.R. § 261.3(a)] provides, in part, that a solid waste, as defined in 35 IAC § 721.102 (40 C.F.R. § 261.2), is a hazardous waste “... if [i]t exhibits any of the characteristics of hazardous waste identified in Subpart C of this Part ....”

59. 35 IAC § 721.124 (40 C.F.R. § 261.124) provides in part that a solid waste (except manufacturing gas plant waste) exhibits the characteristic of toxicity:

... if, using Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)), in ‘Test Methods for Evaluating Solid Waste, Physical /Chemical Methods,’ USEPA Publication EPA 530-SW 846, as incorporated by reference in [35 IAC § 720.111(a)](40 C.F.R. § 260.11), the extract from a representative sample of the waste contains any of the contaminants listed in the table in subsection (b) of this Section at the concentration equal to or greater than the respective value given in that table. ...

60. The table in 35 IAC § 721.124(b) [40 C.F.R. § 261.124(b)] establishes a maximum concentration of mercury, for purposes of the toxicity characteristic, of 0.2 mg/L.

61. By holding the waste lamps at the Riverdale facility for temporary periods before crushing and disposing of them, Respondent stored waste lamps at the Riverdale facility.

62. By crushing the waste lamps at the Riverdale facility, Respondent changed the waste lamps’ physical characteristics so as to reduce their volume.

63. According to Respondent, its crushing process rendered the waste lamps non-hazardous.

64. According to Respondent, its crushing process at the Riverdale facility rendered the waste lamps safer to dispose of.

65. Respondent treated waste lamps at the Riverdale facility.

66. The crushed glass and aluminum derived from Respondent's crushing process at the Riverdale facility were disposed of at two landfills.

67. According to Respondent, the mercury released from the waste lamps through its crushing process was captured by activated carbon filters, which in turn were stored at its facility for eventual disposal in a solid waste landfill.

68. Because the lamps were stored and crushed at the Riverdale facility, before their disposal in a solid waste landfill, the lamps were abandoned.

69. The waste lamps Respondent crushed at the Riverdale facility were "solid wastes" as defined at 35 IAC § 721.102 (40 C.F.R. § 261.2).

70. At least some of the waste lamps Respondent crushed at the Riverdale facility were "hazardous wastes" within the meaning of 35 IAC § 721.103(a) [40 C.F.R. § 261.3(a)] because they exhibited the characteristic of toxicity.

71. By holding, for temporary periods before crushing them, waste lamps at the Riverdale facility, Respondent has stored waste lamps possessing the characteristic of toxicity, as defined at 35 IAC § 721.124 (40 C.F.R. § 261.24).

72. Respondent has engaged in the "storage" of hazardous waste at the Riverdale facility within the meaning of 35 IAC § 720.110 (40 C.F.R. § 260.10).

73. By crushing waste lamps at its Riverdale facility, Respondent has treated waste lamps possessing the characteristic of toxicity, as defined at 35 IAC § 721.124 (40 C.F.R. § 261.24).

74. Respondent has engaged in the "treatment" of hazardous waste at the Riverdale facility within the meaning of 35 IAC § 720.110 (40 C.F.R. § 260.10).

75. 35 IAC § 703.121(a)(1) provides that no person may conduct any hazardous waste storage, hazardous waste treatment or hazardous waste disposal operation without a RCRA permit for the hazardous waste management facility.

76. By engaging in the unpermitted storage and treatment of hazardous waste at the Riverdale facility, Respondent violated 35 IAC § 703.121(a)(1).

77. Respondent's violation of 35 IAC § 703.121(a)(1) began at least as early as February 2005.

78. Respondent's violation of 35 IAC § 703.121(a)(1) continued until at least November 14, 2007.

#### **Civil Penalty**

79. Complainant proposes that the Administrator assess a civil penalty of \$743,293 against Respondent for the violations alleged in this Complaint, as further explained in Attachment A, "Penalty Summary Sheet."

80. Complainant determined the proposed civil penalty according to RCRA Section 3008, 42 U.S.C. § 6928. In assessing a civil penalty, the Administrator of U.S. EPA must consider the seriousness of the violation and any good faith efforts to comply with applicable requirements." *See* Section 3008(a)(3) of RCRA, 42 U.S.C. § 6928(a)(3). Complainant has considered the facts and circumstances of this case with specific reference to U.S. EPA's 2003 RCRA Civil Penalty Policy. A copy of the penalty policy is available upon request. This policy provides a consistent method of applying the statutory penalty factors to this case.

**Terms of Payment**

81. Respondent may pay this penalty by sending a certified or cashier's check, payable to "Treasurer, the United States of America," to:

U.S. Environmental Protection Agency  
Fines and Penalties  
Cincinnati Finance Center  
P.O. Box 979077  
St. Louis, Missouri 63197-9000

Respondent must include the case name, docket number and the billing document number on the check and in the letter transmitting the check. Respondent must simultaneously send copies of the check and transmittal letter to:

Todd C. Brown  
Land and Chemicals Division (LR-8J)  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

Thomas M. Williams  
Office of Regional Counsel (C-14J)  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

and

Regional Hearing Clerk (E-19J)  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, Illinois 60604-3590

A transmittal letter identifying this Complaint shall accompany the remittance and the copy of the check.

**Compliance Order**

82. Based on the foregoing, Respondent is hereby ordered, pursuant to the authority granted in Section 3008(a) of RCRA, 42 U.S.C. § 6928(a), and 40 C.F.R.

§ 22.37(b) to comply with the following requirements immediately upon this Compliance Order's effective date:

83. Respondent shall immediately cease transporting hazardous wastes, including hazardous waste lamps, from off-site sources to the Riverdale facility.

84. Respondent shall immediately cease the on-site treatment of all hazardous waste currently in storage at the Riverdale facility, including waste lamps.

85. Within 90 days of the effective date of this Compliance Order, Respondent shall arrange for the proper treatment, recycling and/or disposal of any and all hazardous wastes currently on-site at the Riverdale facility, including waste lamps, at an off-site facility permitted for the treatment, recycling and/or disposal of these wastes, in accordance with all applicable RCRA regulations.

86. Copies of all shipping records demonstrating compliance with paragraph 85, above, must be submitted to the U.S. EPA within 10 days of the last shipment of hazardous waste currently on-site at the Riverdale facility.

87. Within 90 days of the effective date of this Compliance Order, Respondent must submit a written Closure Plan for the Riverdale facility to the Administrator of the Illinois Environmental Protection Agency (IEPA), in accordance with 35 IAC § 724.212. A copy of this Compliance Order, and a letter explaining that Respondent is submitting this plan for compliance with this Compliance Order, shall accompany the Closure Plan. A copy of the Closure Plan, and all subsequent revisions, must also be submitted to the U.S. EPA, as provided in paragraph 109 below. Respondent must maintain a copy of this plan, and all subsequent revisions at the Riverdale facility until closure is completed.

88. Upon approval of the Closure Plan by IEPA, Respondent shall execute the approved Closure Plan in accordance with 35 IAC Part 724, Subpart G.

89. Respondent shall comply with all other applicable requirements at the 35 IAC Part 724, Subpart G, "Closure and Post Closure," with respect to the Riverdale facility.

90. Prior to submitting its Closure Plan, Respondent shall develop a detailed written estimate of the cost of closure, in accordance with 35 IAC § 724.242.

91. This detailed written cost estimate shall be submitted to the IEPA along with the Closure Plan required by paragraph 87 of this Compliance Order. Respondent will maintain a copy of this written cost estimate, and all subsequent revisions, at the Riverdale facility until closure is complete.

92. Respondent shall obtain financial assurance for the cost of closure in accordance with 35 IAC § 724.243, prior to submittal of the Closure Plan required by paragraph 87 of this Compliance Order.

93. Respondent shall maintain this financial assurance until the IEPA has determined that Respondent has completed the closure activities in accordance with the approved Closure Plan.

94. Proof of this financial assurance shall be submitted along with the Closure Plan and cost estimate for closure required by paragraphs 87 and 90 of this Compliance Order.

95. Within 30 days of the issuance of this Compliance Order, Respondent must obtain and maintain liability coverage for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations of the

Riverdale facility in the amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million, exclusive of legal defense costs, in accordance with 35 IAC § 724.247.

96. Respondent shall maintain this liability coverage until the IEPA has determined Respondent has completed the closure activities in accordance with the approved Closure Plan.

97. Proof of this liability coverage must be submitted to the IEPA and the U.S. EPA within 10 days of its establishment.

98. Respondent shall comply with all other applicable requirements of 35 IAC Part 724, Subpart H, "Financial Requirements," with respect to the Riverdale facility.

99. Respondent shall immediately comply with the security provisions at 35 IAC § 724.114, and continue to comply with these provisions until closure of the Riverdale facility has been completed.

100. Within 30 days of the issuance of this Compliance Order, Respondent must develop and follow a written schedule for inspecting monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment that are important to preventing, detecting, or responding to environmental or human health hazards, that meets the requirements of 35 IAC § 724.115(b). Respondent shall perform inspections according to this schedule until closure of the facility is completed.

101. Within 10 days of its development, Respondent must submit a copy of this schedule to the U.S. EPA.

102. Respondent shall comply with all other applicable General Inspection Requirements at 35 IAC § 724.115.

103. Within 30 days of the issuance of this Compliance Order, Respondent shall develop and implement a training program for facility personnel that meets the requirements of 35 IAC § 724.116. Respondent will continue to implement this program until closure of the Riverdale facility is complete.

104. Respondent shall immediately comply with all applicable requirements of 35 IAC Part 724, Subpart C, "Preparedness and Prevention," including equipping the Riverdale facility with the emergency equipment required by 35 IAC § 724.132. Respondent will continue to comply with these requirements until closure of the Riverdale facility is complete.

105. Within 30 days of the issuance of this Compliance Order, Respondent shall develop a written Contingency Plan meeting the requirements of 35 IAC § 724.152. Respondent will maintain a copy of this Contingency Plan on site until closure of the facility is complete.

106. Within 10 days of its completion, Respondent shall submit a copy of the Contingency Plan to the U.S. EPA.

107. Respondent shall comply with all other applicable requirements of 35 IAC Part 724, Subpart D, "Contingency Plan and Emergency Procedures."

108. Respondent shall comply with all applicable requirements of 35 IAC Part 722, with respect to any hazardous wastes generated at, and/or shipped off-site from the Riverdale facility.

109. Respondent shall submit all reports, submissions, and notifications required by this Compliance Order to be submitted to the United States Environmental

Protection Agency, Region 5, Land and Chemicals Division, RCRA Branch, Attention:  
Todd C. Brown (LR-8J), 77 West Jackson Boulevard, Chicago, Illinois 60604-3590.

110. Respondent shall not own or operate a hazardous waste treatment, storage or disposal facility without first obtaining a permit to do so from the Illinois Environmental Protection Agency and, if required, the U.S. EPA.

**Rules Governing this Proceeding**

The *Consolidated Rules of Practice Governing the Administrative Assessment of Civil Penalties and the Revocation/Termination or Suspension of Permits* (the Consolidated Rules), 40 C.F.R. Part 22, govern this proceeding to assess a civil penalty. Enclosed with the Complaint served on Respondent is a copy of the Consolidated Rules.

**Filing and Service of Documents**

Respondent must file with the U.S. EPA Regional Hearing Clerk the original and one copy of each document Respondent intends as part of the record in this proceeding. The Regional Hearing Clerk's address is:

Regional Hearing Clerk (E-19J)  
U.S. EPA, Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604

Respondent must serve a copy of each document filed in this proceeding on each party pursuant to Section 22.5 of the Consolidated Rules. Complainant has authorized Thomas M. Williams, Associate Regional Counsel, to receive any Answer and subsequent legal documents that Respondent serves in this proceeding. You may telephone Mr. Williams at (312) 886-0814. His address is:

Thomas M. Williams (C-14J)  
Office of Regional Counsel  
U.S. EPA, Region 5  
77 W. Jackson Blvd. 60604

**Answer and Opportunity to Request a Hearing**

If Respondent contests any material fact upon which the Complaint is based or the appropriateness of any penalty amount, or contends that it is entitled to judgment as a matter of law, Respondent may request a hearing before an Administrative Law Judge. To request a hearing, Respondent must file a written Answer within 30 days of receiving this Complaint and must include in that written Answer a request for a hearing. Any hearing will be conducted in accordance with the Consolidated Rules.

In counting the 30-day period, the date of receipt is not counted, but Saturdays, Sundays, and federal legal holidays are counted. If the 30-day time period expires on a Saturday, Sunday, or federal legal holiday, the time period extends to the next business day.

To file an Answer, Respondent must file the original written Answer and one copy with the Regional Hearing Clerk at the address specified above.

Respondent's written Answer must clearly and directly admit, deny, or explain each of the factual allegations in the Complaint; or must state clearly that Respondent has no knowledge of a particular factual allegation. Where Respondent states that it has no knowledge of a particular factual allegation, the allegation is deemed denied.

Respondent's failure to admit, deny, or explain any material factual allegation in the Complaint constitutes an admission of the allegation.

Respondent's Answer must also state:

- a. the circumstances or arguments which Respondent alleges constitute grounds of defense;
- b. the facts that Respondent disputes;
- c. the basis for opposing the proposed penalty; and
- d. whether Respondent requests a hearing.

If Respondent does not file a written Answer within 30 calendar days after receiving this Complaint, the Presiding Officer may issue a default order, after motion, under Section 22.17 of the Consolidated Rules. Default by Respondent constitutes an admission of all factual allegations in the Complaint and a waiver of the right to contest the factual allegations. Respondent must pay any penalty assessed in a default order, without further proceedings, 30 days after the order becomes the final order of the Administrator of U.S. EPA under Section 22.27(c) of the Consolidated Rules.

#### **Settlement Conference**

Whether or not Respondent requests a hearing, Respondent may request an informal conference to discuss the facts alleged in the Complaint and to discuss settlement. To request an informal settlement conference, Respondent may contact Mr. Todd C. Brown at (312) 886-6091, or its attorney may contact Mr. Thomas M. Williams at (312) 886-0814.

Respondent's request for an informal settlement conference will not extend the 30-day period for filing a written Answer to this Complaint. Respondent may simultaneously pursue both an informal settlement conference and the adjudicatory hearing process. Complainant encourages all parties against whom it proposes to assess a civil penalty to pursue settlement through an informal conference. Complainant,

however, will not reduce the penalty simply because the parties hold an informal settlement conference.

**Continuing Obligation to Comply**

Payment of a civil penalty will not affect Respondent's continuing obligation to comply with RCRA and any other applicable federal, state or local law.

April 21, 2010  
Date

  
Margaret M. Guerriero  
Director  
Land and Chemicals Division

RECEIVED  
APR 23 2010

REGIONAL HEARING CLERK  
U.S. ENVIRONMENTAL  
PROTECTION AGENCY

Attachment A. Penalty Summary Sheet for Mercury Vapor Processing Technologies, Inc., Riverdale, Illinois

Nature of Violation	Regulatory Citation	Potential for Harm/Extent of Deviation	Gravity Based Penalty <sup>1</sup>	Multi-Day Penalty <sup>1</sup>	Adjustments <sup>1</sup>	Economic Benefit <sup>1</sup>	Total Penalty
Operating without a RCRA Permit	35 IAC 703.121(a)	Major/Major	\$29,146	\$692,551	\$0	\$21,596	\$743,293

1. The gravity-based penalty amount is determined using the penalty assessment matrix found at page 18 of the RCRA Civil Penalty Policy, issued on June 23, 2003. The multi-day component of the gravity-based civil penalty is determined using the multi-day matrix found at page 26 of the RCRA Civil Penalty Policy. Policy adjustments and economic benefit are as explained in the RCRA Civil Penalty Policy. Finally, the gravity-based penalty is adjusted for inflation (where appropriate) in order to implement the Civil Monetary Penalty Inflation Rule pursuant to the Debt Collection Improvement Act of 1996.

**CASE NAME:** Mercury Vapor Processing Technologies Inc., d/b/a/ River Shannon Recycling  
**DOCKET NO:** RCRA-05-2010-0015

**CERTIFICATE OF SERVICE**

I hereby certify that today I filed the original of this **Complaint and Compliance Order** and this **Certificate of Service** in the office of the Regional Hearing Clerk (E-19J), United States Environmental Protection Agency, Region 5, 77 W. Jackson Boulevard, Chicago, IL 60604-3590.

I further certify that I then caused true and correct copies of the filed document to be mailed to the following:

Laurence Kelly  
Vice President  
Mercury Vapor Processing Technologies, Inc., d/b/a River  
Shannon Recycling  
7144 N. Harlem Avenue  
Suite 303  
Chicago, Illinois 60631

Certified Mail # *7009 1680 0000 7665 1790*

Dated: *April 23*, 2010

*Margaret Gray*

Margaret Gray  
Administrative Program Assistant  
United States Environmental Protection Agency

Region 5  
Land and Chemicals Division LR-8J  
RCRA Branch  
77 W. Jackson Blvd, Chicago, IL 60604-3590

**RECEIVED**  
APR 23 2010

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