

Annex A
TITLE 25. ENVIRONMENTAL PROTECTION
PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION
Subpart D. ENVIRONMENTAL HEALTH AND SAFETY
CHAPTER 261a. IDENTIFICATION AND LISTING OF HAZARDOUS WASTE
Subchapter D. LISTS OF HAZARDOUS WASTES

APPENDIX IXa. WASTES EXCLUDED UNDER 25 Pa. Code § 260a.20 AND 40 CFR 260.20 AND 260.22

Table Ia. Wastes Excluded from Nonspecific Sources

<u>Facility</u>	<u>Address</u>	<u>Waste Description</u>																		
<u>MAX Environmental Technologies, Inc. Bulger Facility</u>	<u>200 MAX Drive Bulger, PA 15109</u>	<p><u>Wastewater treatment sludge from former landfill operations (EPA Hazardous Waste No. F039), generated at an estimated annual rate of 600 cubic yards, after the effective date of this notice, and disposed in the MAX Yukon Landfill or other Subtitle D landfill permitted in the state of Pennsylvania. The exclusion covers the filter cake resulting from the treatment of hazardous waste leachate derived from the MAX Environmental Technologies, Inc. Bulger facility (MAX or MAX Bulger). MAX must meet the following conditions for the exclusion to be valid:</u></p> <p><u>(1) Delisting Levels: All leachable concentrations for the following constituents measured using the SW-846 Method 1311 (the TCLP) must be below the following levels (mg/L):</u></p> <table border="1"> <thead> <tr> <th><u>Constituent</u></th> <th><u>Maximum Allowable: Leachate Concentration(1)</u></th> </tr> </thead> <tbody> <tr> <td><u>Arsenic</u></td> <td><u>0.30</u></td> </tr> <tr> <td><u>Barium</u></td> <td><u>100</u></td> </tr> <tr> <td><u>Cadmium</u></td> <td><u>1.0</u></td> </tr> <tr> <td><u>Chromium</u></td> <td><u>5.0</u></td> </tr> <tr> <td><u>Lead</u></td> <td><u>5.0</u></td> </tr> <tr> <td><u>Mercury</u></td> <td><u>0.2</u></td> </tr> <tr> <td><u>Selenium</u></td> <td><u>1.0</u></td> </tr> <tr> <td><u>Silver</u></td> <td><u>5.0</u></td> </tr> </tbody> </table> <p><u>1. The delisting levels are based on precedent for delisted PA F039 waste (arsenic), and Toxicity Criteria per 40 CFR 261.24.</u></p>	<u>Constituent</u>	<u>Maximum Allowable: Leachate Concentration(1)</u>	<u>Arsenic</u>	<u>0.30</u>	<u>Barium</u>	<u>100</u>	<u>Cadmium</u>	<u>1.0</u>	<u>Chromium</u>	<u>5.0</u>	<u>Lead</u>	<u>5.0</u>	<u>Mercury</u>	<u>0.2</u>	<u>Selenium</u>	<u>1.0</u>	<u>Silver</u>	<u>5.0</u>
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		<p><u>(2) Verification Testing Schedule: MAX Environmental must collect and analyze representative samples of the treatment sludge at a frequency of one sample per every 20 cubic yards of material to be shipped, using SW-846 Method 1311 with appropriate detection levels and quality control procedures. Shipments shall not exceed 150 cubic yards per three month period.</u></p> <p><u>(i) Sample Collection: Representative samples of the waste shall be collected. Composite samples shall be collected at a rate of one composite per every 20 cubic yards and shall be generated from four grab samples (one grab sample from each quadrant of the vessel). Sampling shall be completed in accordance with the approved Sampling and Analysis Plan (dated October 2017) used for the purposes of this delisting petition. Each sample collection event shall include all necessary QA/QC samples and a duplicate.</u></p> <p><u>(ii) Sample Analysis: Each composite sample will be analyzed for all of the constituents listed in Paragraph (1). If the level of any constituent measured in the sample of the sludge equals or exceeds the levels set forth in Paragraph (1), then the waste is hazardous and must be managed in accordance with Subtitle C of RCRA. The analytical data will be submitted to the Pennsylvania Department of Environmental Protection, Southwest Regional Office, Waste Management Program, 400 Waterfront Drive, Pittsburgh, PA 15222. All data must be accompanied by a signed copy of the statement set forth in 40 CFR 260.22(i)(12) to certify to the truth and accuracy of the data submitted. Records of operating conditions and analytical data must be compiled, summarized, and maintained on-site for a minimum of three (3) years and must be furnished upon request by any employee or representative of the DEP, and made available for inspection.</u></p> <p><u>(iii) Management of sludge pending verification analyses: The treated, dewatered sludge shall be stored and managed as hazardous until the verification analyses are completed. This includes storage in containers that are to remain covered, except when sludge is being added or removed.</u></p> <p><u>(3) Changes in Operating Conditions: If MAX significantly changes the treatment process</u></p>
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		<p><u>described in the petition, the treatment sludge generated from the new process may not be managed under this exclusion until it has met the following conditions: (a) MAX must demonstrate that the new waste meets the delisting levels set forth in Paragraph (1); (b) MAX must demonstrate that no new hazardous constituents listed in Appendix VIII of 40 CFR part 261 have been introduced into the treatment process; (c) MAX must obtain written approval from the DEP to manage the waste under this exclusion.</u></p> <p><u>(4) Reopener:</u></p> <p><u>(i) If MAX discovers that a condition at the facility or an assumption related to the disposal of the excluded waste that was modeled or predicted in the petition does not occur as modeled or predicted, then MAX must report any information relevant to that condition, in writing, to the DEP within 10 days of the discovery of that condition.</u></p> <p><u>(ii) Upon receiving information described in subparagraph (i) of this Section, regardless of its source, the DEP shall determine whether the reported condition requires further action. Further action may include repealing the exclusion, modifying the exclusion, or other appropriate response necessary to protect human health and the environment.</u></p>
<p><u>MAX Environmental Technologies, Inc. Yukon Facility</u></p>	<p><u>233 MAX Lane Yukon, PA 15698</u></p>	<p><u>Wastewater treatment sludge from former landfill operations (EPA Hazardous Waste No. F039), generated at an estimated annual rate of 80 cubic yards, after the effective date of this notice, and disposed in the MAX Yukon Landfill or other Subtitle D landfill permitted in the state of Pennsylvania. The exclusion covers the filter cake resulting from the treatment of hazardous waste leachate derived from the MAX Environmental Technologies, Inc. Yukon facility (MAX or MAX Yukon). MAX must meet the following conditions for the exclusion to be valid:</u></p> <p><u>(1) Delisting Levels: All leachable concentrations for the following constituents measured using the SW-846 Method 1311 (the TCLP) must be below the following levels (mg/L):</u></p>

<u>Constituent</u>	<u>Maximum Allowable: Leachate Concentration(1)</u>
<u>Arsenic</u>	<u>0.30</u>
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(2) Verification Testing Schedule: MAX Environmental must collect and analyze representative samples of the treatment sludge at a frequency of one sample per every 20 cubic yards of material to be disposed/shipped, using SW-846 Method 1311 with appropriate detection levels and quality control procedures. Shipments shall not exceed 20 cubic yards per three month period.

(i) Sample Collection: Representative samples of the waste shall be collected. Composite samples shall be collected at a rate of one composite per every 20 cubic yards and shall be generated from four grab samples (one grab sample from each quadrant of the vessel). Sampling shall be completed in accordance with the approved Sampling and Analysis Plan (dated October 2017) used for the purposes of this delisting petition. Each sample collection event shall include all necessary QA/QC samples and a duplicate.

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