

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Federal</b>					
<b>CFR Title 40 Part 503</b> General requirements for Biosolids Land Application including Pathogen Reduction, Vector Attraction and Site Restrictions.	<b>Standards for Use and Disposal of Sewage Sludge specifically applied to the Louisville Green Management System</b>				
<b>Subpart A 503.1 – 503.9</b>	<b>General Provisions</b> 503.1(a)(1)(2)(b)(2) - Purpose and Applicability 503.2(c) - Compliance Period 503.3(a)(1) - Permits and Direct Enforceability 503.4 - Regulations to other Regulations 503.5(a)(b) - Additional or more stringent requirements 503.7 - Requirement for a person who prepares sewage sludge. 503.8(a)(b)(2)(7) - Sampling and Analysis 503.9(a-bb) - General Definitions	None	<a href="#">eCFR – Code of Federal Regulations</a>	<b>US EPA</b>	<b>Solids Conditioning and Stabilization Biosolids Use and Disposal</b>
<b>Subpart B 503.10 - 503.18</b>	<b>Land Application</b> 503.10(a)(e)(b)(1)(2) - Applicability 503.11 (a-n) - Special Definitions 503.13 (a)(1)(2)(ii)(3)(4)(i) - Pollutant Limits 503.15(a)(1)(2)(3)(c)(1)(2)(3) - Operational Standards – Pathogens and Vector Attraction Reduction 503.16 (a)(2) - Frequency of Monitoring 503.17 503.18(a)(1) - Reporting	503.16 Frequency of Monitoring is one time per month			
<b>Subpart D 503.30 – 503.33</b>	<b>Pathogen and Vector Attraction Reduction</b> 503.30(a)(d) - Scope 503.31(a-l) - Special Definitions 503.32(a)(1)(2)(7)(i)(ii) - Pathogens 503.33(a)(1)(2)(3)(b)(7) - Vector Attraction Reduction	503.32 Pathogen Alternate 5: Appendix B PFRP (2) 503.33 Vector Attraction Option 7			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Federal</b>					
<b>CFR Title 40 Part 122</b> General Requirements for the NPDES Permitting Process	<b>EPA Administered Permit Programs: The National Pollutant Discharge Elimination System specifically applied to the Louisville Green Management System</b>				
<b>Subpart A 122.1 – 122.7</b>	<b>Definitions and General Program Requirements</b> 122.1(a)(1)(2)(3)(4)(5)(a)(b)(2)(3) - Purpose and Scope 122.2 – Definitions 122.4(a)(b)(c)(d)(e)(f)(g)(h)(1)(2)(i)(1)(2) - Prohibitions 122.5(a)(1)(2)(b)(c) – Effect of a Permit 122.6(a)(1)(2)(b)(c)(1)(2)(3)(4)(d) – Continuation of expiring permits 122.7(a)(b)(1)(2)(c) – Confidentiality of Information	None	<a href="#">eCFR — Code of Federal Regulations</a>	US EPA	Wastewater Treatment and Solids Separation
<b>Subpart B 122.21 – 123.35</b>	<b>Permit Application and Special NPDES Program Requirements</b> 122.1 (a)(1)(2)(B)(ii)(iii)(iv)(b)(c)(d)(1)(j)(1)(i)(ii)(iii)(A)(C)(F)(I)(iv)(v)(vii)(viii)(A)(2)(i)(ii)(A)(B)(D)(E)(F)(iii)(B)(iv)(A)(B)(C)(1)(2)(3)(4)(D)(3)(i)(A)(B)(C)(D)(E)(F)(1)(2)(3)(4)(G)(ii)(A)(B)(C)(D)(iii)(A)(1)(2)(3)(4)(5)(B)(4)(i)(ii)(iii)(iv)(A)(B)(C)(v)(vi)(vii)(viii)(ix)(A)(B)(C)(D)(x)(5)(i)(ii)(A)(B)(C)(D)(x)(5)(i)(iii)(A)(B)(C)(1)(2)(3)(4)(5)(iv)(A)(B)(v)(A)(B)(C)(vi)(vii)(ix)(x)(6)(i)(ii)(A)(B)(C)(D)(E)(F)(G)(iii)(A)(B)(7)(i)(A)(B)(ii)(A)(B)(C)(iii)(8)(i)(A)(1)(2)(3)(B)(1)(2)(3)(4)(5)(ii)(A)(1)(2)(3)(4)(5)(i)(ii)(iii)(iv)(v)(6)(B)(1)(2)(3)(4)(C)(1)(2)(3)(D)(9)(10)(n)(3)(o)(1)(2)(p) – Application for a Permit 122.22(a)(3)((b)(1)(2)(3)(c)(d) – Signatories to permit applications and reports	None			
<b>Subpart C 122.41 -122.50</b>	<b>Permit Conditions</b> 122.41(a)(1)(2)(3)(b)(c)(d)(e)(f)(g)(h)(i)(1)(2)(3)(4)(j)(1)(2)(3)(i)(ii)(iii)(iv)(v)(vi)(4)(5)(k)(1)(2)(l)(i)(ii)(iii)(2)(3)(4)(i)(ii)(iii)(5)(6)(i)(ii)(A)(B)(C)(iii)(7)(8)(m)(1)(i)(ii)(2)(3)(i)(ii)(4)(i)(A)(B)(C)(ii)(n)(1)(2)(3)(i)(ii)(iii)(iv)(4) – Conditions applicable to all permits 122.42(1)(2)(3) – Additional conditions applicable to specified categories of NPDES permits 122.43(a)(b)(1)(2) – Establishing permit conditions 122.44(a)(1)(2)(i)(ii)(iii)(iv)(v)(b)(1)(2)(c)(d)(1)(i)(ii)(iii)(iv)(v)(vi)(A)(B)(C)((1)(2)(3)(4)(vii)(A)(B)(2)(3)(4)(5)(6)(7)(8)(9)(e)(1)(2)(i)(ii)(f)(g)(h)(i)(1)(i)(ii)(iii)(iv)(2)(5)(j)(1)(2)(i)(ii)(l)(1)(2)(i)(A)(B)(1)(2)(C)(D)(E)(ii)(n)(o) – Establishing limitations, standards, and other permit conditions 122.45(a)(b)(2)(i)(ii)(A)(1)(c)(1)(2)(3)(d)(1)(2)(f)(1)(i)(ii)(iii)(2)(i)	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
Subpart D 122.61 – 122.64	<b>Transfer, Modification, Revocation and Reissuance, and Termination of Permits</b> 122.61(a)(b) – Transfer, Modification, Revocation and Reissuance, and Termination of Permits 122.62(a)(1)(2)(3)(i)(A)(B)(C)(ii)(iii)(4)(5)(6)(7)(8)(i)(ii)(9)(10)(11)(12)(13)(15)(16)(17)(18)(b)(1)(2) – Modification or revocation and reissuance of permits 122.63(a)(b)(c)(d)(g) – Minor modifications of permits 122.64(a)(1)(2)(3)(4)(b) – Termination of permits	None			

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Federal</b>					
<b>CFR Title 40 Part 403</b> Pretreatment Streamlining Rule	<b>General Pretreatment Regulations for Existing and New Sources of Pollution</b> <b>Specifically applied to the Louisville Green Management System</b>				
403.1 – 403.18	403.1(a)(b)(1)(2)(3)(4) – Purpose and applicability 403.2(1)(b)(c) – Objectives of general pretreatment regulations 403.3 Definitions 403.4 State or local law 403.5(a)(1)(2)(i)(ii)(B)(b)(1)(2)(3)(4)(5)(6)(7)(8)(c)(1)(2)(3)(4)(5)(d)(e) – National Pretreatment standards: Prohibited discharges 403.6(a)(1)(2)(i)(ii)(3)(4)(i)(ii)(iii)(iv)(5)(b)(c)(1)(2)(3)(4)(5)(i)(A)(B)(C)(D)(E)(ii)(A)(B)(C)(D)(iii)(A)(B)(C)(iv)(6)(7) (8)(9)(d)(e)(1)(i)(1)(2)(3)(4)(2)(3)(4) National pretreatment standards: Categorical standards 403.7(a)(i)(ii)(2)(3)(i)(ii)(iii)(iv)(A)(B)(C)(v)(b)(2)(i)(ii)(iii)(B)(1)(2)(C)(iv)(v)(vi)(c)(d)(1)(2)(3)(i)(ii)(iii)(4)(5)(6)(e)(1)(2)(3)(4)(i)(ii)(iii)(iv)(v)(vi)(5)(6)(7)(f)(1)(2)(3)(4)(i)(A)(B)(ii)(iii)(g)(h)(1)(i)(ii)(iii)(2)(i)(ii) - Removal Credits 403.8(a)(b)(c)(d)(e)(1)(2)(3)(4)(5)(6)(f)(1)(i)(ii)(iii)(A)(1)(i)(ii)(iii)(iv)(v)(2)(B)(1)(2)(3)(4)(5)(6)(iv)(v)(vi)(A)(B)(vii)(2)(i)(ii)(iii)(iv)(v)(A)(B)(C)(vi)(A)(B)(C)(D)(vii)(viii)(A)(B)(C)(D)(E)(F)(G)(H)(3)(4)(5)(i)(ii)(iii)(iv)(6)(g) –Pretreatment Program Requirements: Development and Implementation by POTW 403.9(a)(b)(1)(i)(ii)(iii)(2)(3)(4)(c)(1)(2)(3)(d)(e)(1)(2)(f)(g)(1)(2) – POTW Pretreatment programs and/or	None	<a href="#">eCFR – Code of Federal Regulations</a>	US EPA	Collection and Pretreatment

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p>authorization to revise pretreatment standards: Submission for approval</p> <p><b>403.10(a)(c)(e)(f)(1)(i)(ii)(iii)(iv)(v)(vi)(vii)(2)(i)(ii)(iii)(iv)(A)(B)(v)(vi)(vii)(3)(g)(1)(i)(ii)(iii)(2)(3)(h)(1)(2)(i)</b> – Development and submission of NPDES State pretreatment programs</p> <p><b>403.11(a)(b)(1)(i)(A)(B)(ii)(iii)(2)(i)(ii)(iii)(c)(d)(e)(f)</b> – Approval procedures for POTW pretreatment programs and POTW granting of removal credits</p> <p><b>403.12(b)(1)(2)(3)(4)(i)(ii)(5)(ii)(iii)(iv)(v)(vi)(6)(7)(i)(ii)(c)(1)(2)(d)(e)(1)(2)(i)(ii)(iii)(iv)(v)(vi)(vii)(3)(i)(A)(B)(C)</b> <b>(ii)(iii)(iv)(v)(4)(f)(g)(1)(2)(i)(ii)(3)(4)(5)(6)(h)(i)(1)(2)(3)(4)(5)(j)(k)(1)(2)(3)(l)(1)(i)(ii)(2)(3)(i)(ii)(iii)(4)(m)(n)</b> <b>(1)(2)(3)(o)(1)(i)(ii)(iii)(iv)(2)(3)(p)(1)(2)(3)(4)(q)(r)</b> - Reporting Requirements for POTW's and industrial users</p> <p><b>403.13(a)(b)(c)(1)(i)(ii)(iii)(2)(i)(ii)(iii)(iv)(A)(B)(3)(i)(ii)(A)(B)(d)(1)(2)(3)(4)(5)(6)(e)(1)(2)(3)(4)(f)(g)(1)(2)(3)</b> <b>(h)(1)(2)(3)(4)(5)(6)(7)(8)(9)(i)(j)(1)(i)(ii)(iii)(2)(3)(k)(1)(2)(l)(1)(2)(i)(ii)(A)(B)(C)(D)(iii)(iv)(m)(1)(2)</b> – Variances from categorical pretreatment standards for fundamentally different</p> <p><b>403.14(a)(b)(c)</b> – Confidentiality</p> <p><b>403.15(a)(b)(i)(ii)(2)(3)(4)</b> – Net/Gross Calculation</p> <p><b>403.16(a)(b)(c)(1)(2)(3)(i)(ii)(iii)(d)(e)(f)</b> – Upset Provision</p> <p><b>403.17(a)(1)(2)(b)(c)(1)(2)(d)(1)(i)(ii)(iii)(2)</b> – Bypass</p> <p><b>403.18(a)(b)(1)(2)(3)(4)(5)(6)(7)(c)(1)(2)(3)(4)(d)(1)(2)(3)(e)</b> – Modification of POTW Pretreatment programs</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Federal</b>					
<b>CFR Title 40 Part 261</b>	<b>Identification and Listing of Hazardous Waste Specifically to the Louisville Green Management System</b>				
<b>Subpart A 261.1 – 261.9</b>	<b>General</b> 261.1(a)(1)(2)(3)(4)(b)(1)(2)(i)(ii)(c)(1)(2)(3)(4)(5)(i)(ii)(6)(7)(8)(9)(10)(11)(12) – Purpose and Scope 261.2(a)(1)(2)(i)(A)(B)(C)(D)(ii)(b)(1)(2)(3)(c)(1)(A)(B)(ii)(2)(A)(B)(ii)(3)(4)(d)(1)(2)(i)(ii)(iii)(3)(i)(A)(B)(ii)(e)(i)(ii)(iii)(2)(i)(ii)(iii)(iv)(f) – Definition of Solid Waste 261.3(a)(1)(2)(i)(ii)(iv) – Definition of hazardous waste 261.4(a)(1)(i)(ii) - Exclusions	Table 1 Sludge's listed in 40 CFR Part 261.31 or .32	<a href="#">eCFR — Code of Federal Regulations</a>	<b>US EPA</b>	<b>Collection and Pretreatment</b>  <b>Biosolids Use and Disposal</b>
<b>Subpart B 261.10-261.11</b>	<b>Criteria for Identifying the Characteristics of Hazardous Waste and for Listing Hazardous Waste</b> 261.10(a)(1)(i)(ii)(2)(i)(ii) – Criteria for identifying the characteristics of hazardous waste 261.11(a)(1) – Criteria for listing hazardous waste	None			
<b>Subpart C 261.20 – 261.24</b>	261.20(a)(b)(c) – General 261.21(a)(2)(b) – Characteristic of Ignitability 261.22(a)(b) – Characteristic of corrosivity 261.23(a)(b) – Characteristic of reactivity 261.24(a)(b) – Toxicity characteristic	None			
<b>Subpart D 261.30 – 261.35</b>	261.30(a) - General	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Federal</b>					
<b>CFR Title 40 Part 136</b>	<b>Guidelines Establishing Test Procedures for the Analysis of Pollutants Specifically to the Louisville Green Management System</b>				
136.1-136.7	136.1(a)(1)(2)(3)(b) – Applicability 136.2(a-f) – Definitions 136.3(a) – Identification of test procedures 136.4(a)(1)(2)(3)(4)((b)(c)(1)(2)(3)(4)(5) – Application for and approval of alternate test procedures for nationwide use 136.59(a)(b)(c)(1)(2)(3)(4)(5)(d)(1)(2) – Approval of alternate test procedure for limited use 136.6(a)(1)(2)(3)(4)(5)(6)(b)(1)(2)(i)(A)(B)(C)(D)(ii)(3)(4)(i)(ii)(iii)(iv)(v)(vi)(vii)(viii)(ix)(x)(A)(B)(C)(xi)(xii)(xiii)(xiv)(xv)(xvi)(A)(B)(C)(D)(E)(F)(xvii)(xviii)(xix)(xx)(xxi)(xxii) – Quality assurance and quality control	None	<a href="#">eCFR — Code of Federal Regulations</a>	US EPA	Collection and Pretreatment

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>State</b>					
<b>KRS 224 Environmental Protection</b>	<b>Kentucky Revised Statutes Kentucky Permit Requirements specifically for the Louisville Green Management System.</b>				
KRS 224.50-760	224.50-760(1)(a)(b)(c)(d) - Special Wastes – Exemptions from KRS 244.46-510 and 224.46-520 -- Permit -- Notice -Hearing	None	<a href="http://www.lrc.ky.gov/Statutes/statute.aspx?id=10471">http://www.lrc.ky.gov/Statutes/statute.aspx?id=10471</a>	Commonwealth of KY	Solids Storage and Loading Biosolids Use and Disposal

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>State</b>					
<b>401 KAR 45 Waste Management/Special Waste</b>	<b>Kentucky Administrative Regulations Kentucky Land Application Permit Specific to the Louisville Green Management System</b>				
401 KAR 45:070	<b>Special Waste Registered Permit by Rule</b> Section 1: (1)(a)(b)(c)(2) – Registered Permit by Rule Section 2: (1)(a)(b)(c)(2)(3)(4) – Registration Procedure for Registered Permit by Rule Section 3: (1)(a)(b)(2)(3) – Operation During a Registered Permit by Rule Section 4: (1)(2)(3)(4)(5)(6) – Changes to Registered Permit by Rule Section 5: Noncompliance Section 6: (1)(a)(b)(c)(2) - Incorporation by Reference	None	<a href="#">..\Permit Applications and Regulations\Kentucky Permit and License\Permit Application and Permit Issuance\DWM Land Application Permit - issued Jan 22 2012.pdf</a>	Commonwealth of KY	Biosolids Use and Disposal
401 KAR 45:100	<b>Landfarming and Composting of Special Waste</b> Section 6 (20)(a)(b) – Operating Requirements for Special Waste Landfarming Facilities Section 8: (1)(a)(b)(c)(d)(2)(3) – Sludge Giveaway Program Section 10: (1)(a)(b2)(c) – Use of Composted and Treated Special Waste	Required samples per year: 12			
401 KAR 30:031	<b>Environmental Performance Standards</b> Section 2 – Floodplains Section 4: (1)(2) -- Surface Waters Section 5: Groundwater	None			
401 KAR 30:020	<b>General Provisions</b> Section 2: (1) - Variance	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>State</b>					
12 KAR Agriculture Experiment Station	Kentucky Administrative Regulations Kentucky Fertilizer Regulations specifically to the Louisville Green Management System				
12 KAR 4:080	<b>Necessity, Function and Conformity</b> Section 1 Section 2	None	<a href="#">TITLE 12</a>	Commonwealth of KY	Biosolids Use and Disposal
12 KAR 4:090	<b>Guaranteed Analysis</b> Section 1: (1)(2)(3) Section 2: (1)(2)(3)(4)(5)	None			
12 KAR 4:100	<b>Slowly Released Nutrients</b> Section 1 Section 2: (1)(2)(3)(4) Section 3 Section 4	None			
12 KAR 4:110	<b>Terms and Definitions</b> Section 1: (1-106)	None			
12 KAR 4:120	<b>Definition of "percentage"</b> Section 1	None			
12 KAR 4:130	<b>Investigational Allowances</b> Section 1 Section 2: (1)(2) Section 3	None			
12 KAR 4:140	<b>Monetary Penalties</b> Section 1 Section 2	None			



# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	Section 3 Section 4: (1)(2) Section 5 Section 6				
12 KAR 4:160	Guaranteed Analysis Section 1	None			

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>State</b>					
Article 6.1 Indiana Permit	Land Application of Biosolid, Industrial Waste Product and Pollutant Bearing Water Specifically for the Louisville Green Management System				
Rule 1 General Provision	327 IAC 6.1-1-1 Section 1: (a)(b)(1)(2)(3)(4)(5)(6)(7)(8)(9)(c) – Purpose 327 IAC 6.1-1-2 Section 2: (1)(2)(3) – Federal references 327 IAC 6.1-1-3 Section 3: (a)(1)(b) – Applicability 327 IAC 6.1-1-4 Section 4 – Enforcement 327 IAC 6.1-1-5 Section 5: (1)(2)(3) – Penalties 327 IAC 6.1-1-6 Section 6: (a)(1)(2)(3)(4)(5)(b)(1)(2)(A)(B)(C) – Access to Information	None	<a href="#">..\Permit Applications and Regulations\Indiana Permit and License\Permit Information\ID EM permit from Jeff Harmon email.doc</a>	IDEM	Biosolids Use and Disposal
Rule 2 Definitions	327 IAC 6.1-2-1 Section 1 – Applicability 327 IAC 6.1-2-3 Section 3(1)(2)(3)(4)(5) – Agricultural Land 327 IAC 6.1-2-4 Section 4 – Anaerobic Digestion 327 IAC 6.1-2-6 Section 6(1)(2)(3)(4) – Beneficial Use defined 327 IAC 6.1-2-6.5 Section 6.5 – BOD Defined 327 IAC 6.1-2-7 Section 7(a)(1)(2) – Biosolid Defined 327 IAC 6.1-2-8 Section 8 – Cation Exchange Capacity defined 327 IAC 6.1-2-9 Section 9 – Cereal Grain defined	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p>327 IAC 6.1-2-10.1 Section 10.1 – Contaminant defined                      327 IAC 6.1-2-13 Section 13 –Dewatered Defined                      327 IAC 6.1-2-14 Section 14(1)(2)(3)(4)(5)(6)(7)(8)(9)(10) – Discharge Defined                      327 IAC 6.1-2-15 Section 15(1)(2)(3)(4)(5) - Disinfection Defined                      327 IAC 6.1-2-16 Section 16 – Domestic Sewage defined                      327 IAC 6.1-2-17 Section 17 – Domestic wastewater defined                      327 IAC 6.1-2-18 Section 18 – Dry Weight basis defined                      327 IAC 6.1-2-19 Section 19 – Feed Crops defined                      327 IAC 6.1-2-20 Section 20 – Fiber Crops defined                      327 IAC 6.1-2-20.5 Section 20.5 – Fixed volume defined                      327 IAC 6.1-2-21 Section 21 – Flood Plain defined                      327 IAC 6.1-2-22 Section 22(1)(2) – Food Crops defined                      327 IAC 6.1-2-23 Section 23 – Forest Defined                      327 IAC 6.1-2-24 Section 25 – Ground Water defined                      327 IAC 6.1-2-26 Section 26 – Hazardous waste defined                      327 IAC 6.1-2-27 Section 27 – Incorporated into soil defined                      327 IAC 6.1-2-31 Section 31 – Injection defined                      327 IAC 6.1-2-32 Section 32(1)(2)(3) – Land Application defined                      327 IAC 6.1-2-33 Section 33 – Land Application Operation defined                      327 IAC 6.1-2-35 Section 34 (a)(1)(2)(3)(b)(1)(2)(3)(4)(5)(A)(B)(5)(6)(7)(8)(9)(10)(11)(A)(B)(C)(D) – Land with a high potential for public exposure                      327 IAC 6.1-2-35 Section 35 (a)(1)(2)(3)(b)(1)(2)(3)(b)(1)(2)(3)(4)(5)(6)(7)(A)(B)(C)(D)(E) – Land with a low potential for public exposure                      327 IAC 6.1-2-36 Section 36 – Mean Cell resident time defined                      327 IAC 6.1-2-37 Section 37 (1)(2)(3)(4)(5)(6)(7)(8)(9)(10)(A)(B)(C)(D)(E)(F) – Municipal defined                      327 IAC 6.1-2-38 Section 38 – Pasture defined                      327 IAC 6.1-2-39 Section 39 (1)(2)(3)(4)(5)(6) – Pathogenic Organisms defined                      327 IAC 6.1-2-40 Section 40(1)(2)(A)(B)(C)(D)(3) – Permit defined                      327 IAC 6.1-2-41 Section 41 – Person defined                      327 IAC 6.1-2-42 Section 42 – Person who applies defined                      327 IAC 6.1-2-43 Section 43(a)(1)(2)(b)(c) – Person who prepared defined                      327 IAC 6.1-2-44 Section 44 – pH Defined                      327 IAC 6.1-2-45 Section 45 (1)(2)(3)(4)(5)(6)(A)(B) – Pollutant defined                      327 IAC 6.1-2-47 Section 47(1)(2)(3) – Pollutant limit defined                      327 IAC 6.1-2-48 Section 48 – Public Building defined                      327 IAC 6.1-2-49 Section 49 – Set aside or idle defined                      327 IAC 6.1-2-50 Section 50 – Specific Oxygen uptake rate or SOUR defined</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p>327 IAC 6.1-2-52 Section 52 – State defined                      327 IAC 6.1-2-55.5 Section 55.5(1)(2)(3)(4)(5)(6)(7) – Surface waters defined                      327 IAC 6.1-2-56 Section 56 – Total solids defined                      327 IAC 6.1-2-57 Section 57 – Treatment works defined                      327 IAC 6.1-2-58 Section 58(1)(2) – Unstabilized solids defined                      327 IAC 6.1-2-59 Section 59(1)(2)(3)(4) – Vector attraction defined                      327 IAC 6.1-2-60 Section 60 – Volatile solids defined                      327 IAC 6.1-2-61 Section 61 – Waters of the state defined                      327 IAC 6.1-2-62 Section 62(1)(2)(3) – Wetlands defined</p>				
<p><b>Rule 3 Land Application General Requirements</b></p>	<p>327 IAC 6.1-3-1 Section 1(a)(b)(c)(1)(2)(3)(d)(e)(1)(2)(f)(1)(2)(3)(4)(5)(g)(1)(2)(A)(B)(C)(3)(h)(1)(2)(3)(4)(5)(i)(1)(2)(3) – Permit Applications                      327 IAC 6.1-3-2 Section 2(a)(1)(2)(3)(b) – Terms of Land Application Permits                      327 IAC 6.1-3-3 Section 3 – Discharges from land application operations                      327 IAC 6.1-3-4 Section 4(a)(b)(c)(d) – Permit duration and transition requirements                      327 IAC 6.1-3-5 Section 5(a)(1)(2)((A)(B)(i)(ii)(b)(1)(2)(c) – Transferability                      327 IAC 6.1-3-6 Section 6(a)(b) – Additional or more stringent requirements                      327 IAC 6.1-3-7 Section 7(a)(1)(2)(d) – Responsibility of person who prepares</p>	None			
<p><b>Rule 4 Land Application of Biosolid and Industrial Waste Product</b></p>	<p>327 IAC 6.1-4-1 Section 1(1)(2) – Applicability                      327 IAC 6.1-4-2 Section 2(a)(b) – Biosolid and industrial waste product characterization                      327 IAC 6.1-4-3 Section 3(d) – General Requirements                      327 IAC 6.1-4-5 Section 5(a)(1)(A) – Nonsite-specific permits                      327 IAC 6.1-4-9 Section 9(a)(b)(c)(d)(e)(f)(1)(2)(A)(B)(3)(4)(g)(1)(2)(A)(B)(i)(ii)(C)(D)(E)(h)(1)(2)(A)(B)(3) – Pollutant Limits                      327 IAC 6.1-4-13 Section 13(a)(2)(E)(i)(ii) – Pathogen Requirements                      327 IAC 6.1-4-14 Section 14(3)(A)(B)(I)(ii)(b)(2)(ii) – Pathogen treatment processes                      327 IAC 6.1-4-15 Section 15(7) – Vector attraction reduction requirements                      327 IAC 6.1-4-16 Section 16(a)(b)(c)(d)(e)(1)(2)(A)(B)(C)(D)(E)(F)(G)(H)(I)(3)(4)(5)(f)(g)(h)(j) – Monitoring and analysis                      327 IAC 6.1-4-17 – Section 17(b)91(A)(B)(2)(c)(1)(A)(B)(C)(D)(E)(F) – Records and record keeping</p>	Table 6 Frequency of Monitoring 1 month			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>State</b>					
603 KAR 5 Truck Weights	Kentucky Revised Statutes Secretary of Transportation Weight Limits for Trucks using the highway system. Specifically for the Louisville Green Management System.				
603 KAR 5:066	<b>Weight limits for trucks</b> Section 1(1)(a)(b)(c)(2)(a)(b)(c)(d)(3) – Highway Classifications and Truck Types Section 2(1)(2)(3) - Highways Except Interstates Section 3(1)(2)(3)(4)(5)(6)(7)(8)(9)(10) – Interstate Highways Section 4(1)(2)(3)(4)(5)(6)(7)(8) – AA Highways Section 5(1)(2)(3)(4)(5)(6) – A Highways Section 6 – Tolerance Section 7(1)(2)	None	<a href="#">603 KAR 5:066. Weight (mass) limits for trucks.</a>	Commonwealth of KY	Biosolids Use and Disposal

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Local</b>					
<b>KRS 77 Environmental Protection</b>	<b>Kentucky Revised Statutes Metro Louisville Air Pollution Control Regulations specifically for the Louisville Green Management System.</b>				
<b>Chapter 1</b>	<p><b>General Provisions</b>                      1.01 Section 1(1.1-1.5) – General Application of Regulations and Standards                      1.02 Section 1(1.1-1.86) – Definitions  <b>Abbreviations and Acronyms</b>                      1.03 Section 1 – Abbreviations  <b>Performance Tests</b>                      1.04 Section 1 – Applicability                          Section 2(2.1-2.11) – Test Requirements                          Section 3(3.1-3.2) – Pre-Test Survey and Conference                          Section 4(4.1-4.3) – Notification Waiver  <b>Compliance with Emission Standards and Maintenance Requirements</b>                      1.05 Section 1(1.1-1.2) – Compliance with Emission Standards                          Section 2(2.1-2.2) – Opacity Standards                          Section 4(4.1-4.2.1) – Compliance with Volatile Organic Compound Regulations                          Section 5 – Maintenance Requirements  <b>Stationary Source Self Monitoring, Emissions Inventory Development and Reporting</b>                      1.06 Section 1(1.1-1.3) – Stack Monitoring and Reporting                          Section 2 – Ambient Air Monitoring and Reporting                          Section 3(3.1-3.5) – Requirements for Section 4 and 5 Emissions Statements                          Section 4(4.1-4.3) – Emissions Statements for Criteria Pollutants, HAPs, and Ammonia                          Section 5(5.1-5.2) – Emissions Statements for Toxic Air Contaminants                          Section 6 – Certification by a Responsible Official  <b>Excess Emissions During Startup, Shutdowns and Upset Conditions</b>                      1.07 Section 1 – Definitions                          Section 2(2.1-2.8) – Excess Emissions                          Section 3(3.1-3.9) – Startup and Shutdown                          Section 4(4.1-4.8) – Upset Condition</p>	None	<a href="http://www.louisvilleky.gov/Regulations%20and%20Laws">Regulations &amp; Laws - LouisvilleKy.go</a> <a href="#">v</a>	<b>Metro Government</b>	<p><b>Water Treatment and Solids Separation</b></p> <p><b>Solids Conditioning and Stabilization</b></p> <p><b>Solids Storage and Loading</b></p>

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Section 5(5.1-5.2) – Extended Upset Conditions</b></p> <p><b>Administrative Procedures</b></p> <p>1.08 <b>Section 1(1.1-1.3) – Public Hearings</b></p> <p><b>Section 2(2.1-2.8.2) – Compliance Plans and Schedules</b></p> <p><b>Section 3(3.1-3.2) – Procedures at Public Hearings</b></p> <p><b>Section 4(4.1-4.2) – Enforcement Orders</b></p> <p><b>Section 6(6.1-6.5.4) – Confidentiality and Open Records Policy</b></p> <p><b>Section 7(7.1-7.6.3) – Procedures for Adoption, Amendment, or Repeal of a Regulation</b></p> <p><b>Prohibition of Air Pollution</b></p> <p>1.09</p> <p><b>Circumvention</b></p> <p>1.10</p> <p><b>Control of Nuisances</b></p> <p>1.12 <b>Section 1 – Definitions</b></p> <p><b>Section 2 – Prohibition of Nuisances</b></p> <p><b>Section 3 – Supersession</b></p> <p><b>Control of Objectionable Odors in the Ambient Air</b></p> <p>1.13 <b>Section 1(1.1) – Definitions</b></p> <p><b>Section 2(2.1-2.7) – Prohibition of Objectionable Odors</b></p> <p><b>Section 3 – Reporting Accidental and Other Infrequent Emissions</b></p> <p><b>Control of Fugitive Particulate Emissions</b></p> <p>1.14 <b>Section 1(1.1-1.2) – Definitions</b></p> <p><b>Section 2(2.1-2.4) – Standard for Fugitive Particulate Matter</b></p> <p><b>Section 8(8.1-8.3) - Other Activities</b></p> <p><b>Section 9(9.1-9.2.4) – Abatement and Preventive Measures</b></p> <p><b>Version of Federal regulations Adopted and Incorporated by Reference</b></p> <p>1.15 <b>Section 1 – General Definition</b></p> <p><b>Section 2 – Date of Regulation</b></p> <p><b>Section 3 – Availability</b></p> <p><b>Rule Effectiveness</b></p> <p>1.18 <b>Section 1 – Applicability</b></p> <p><b>Section 2 – Definitions</b></p> <p><b>Section 3 – Compliance Requirements</b></p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Administrative Hearings</b>                      1.19 Section 1 – Applicability                      Section 2 – Petition for Administrative Hearing                      Section 3(3.1-3.3.7) – Hearing Officer                      Section 4(4.1-4.2.4) – Intervention                      Section 5 – Prehearing Conference                      Section 6 (6.1-6.4) – Hearing Proceedings                      Section 7(7.1-7.3) – Filing of Documents                      Section 8(8.1-8.2.3) – Communications with the Hearing Officer                      Section 9(9.1-9.5) – Hearing Officer’s Report and Recommendation                      Section 10 - Appeals</p> <p><b>Upset Condition Prevention Programs</b>                      1.20 Section 1(1.1-1.1.3) – Definitions                      Section 2 – Applicability                      Section 3(3.1-3.7) – Upset Condition Prevention Program Requirements</p>				
Chapter 2	<p><b>Permit Requirements</b>                      2.01 – General Application  <b>Air Pollution Regulation Requirements and Exemptions</b>                      2.02 Section 1(1.1-1.5) – Applicability                      Section 2(2.1-2.5.1) – Exempt Stationary Sources                      Section 3(3.1-3.3) – Temporary Exemptions                      Section 4(4.1-4.5.1) – Registered Stationary Sources</p> <p><b>Authorization to Construct or Operate</b>                      2.03 Section 1(1.1-1.2) – Applicability                      Section 2 – Definitions                      Section 3(3.1-3.6.2) – Asbestos Demolition/Renovation Notices and Permits                      Section 4(4.1-4.9.3) – Applications for Permits to Construct or Operate                      Section 5(5.1-5.3) – Application Review                      Section 6(6.1-6.10) – Issuance, Terms, Renewal and Transfer                      Section 7(7.1-7.2) – Construction or Reconstruction of Air Pollution Control Equipment                      Section 8(8.1-8.3) – Relocated Sources                      Section 9(9.1-9.2) – Reconstructed Sources                      Section 10 – Record keeping</p>	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Construction or Modification of Major Sources in or Impacting upon Non-Attainment Areas</b></p> <p>2.04 Section 1(1.1-1.3) – Applicability                      Section 2(2.1-2.2.20.7) – Definitions                      Section 3(3.1-3.27) – Initial Screening Analysis and Determination of Applicable Requirements                      Section 4(4.1-4.6.2) – Sources Locating in Designated Attainment or Unclassifiable Areas                      Section 5(5.1-5.6) – Conditions for Approval                      Section 7(7.1-7.2) – Administrative Procedures                      Section 8(8.1-8.4) – Source Obligation                      Section 9(9.1-9.2) – Permit Condition Rescission                      Section 10(10.1-10.6) – Protection of Visibility</p> <p><b>Prevention of Significant Deterioration of Air Quality</b></p> <p>2.05 Section 1(1.1-1.6) – General Provisions                      Section 2(2.1-2.2) – Effect of Stay, Vacatur, or Withdrawal</p> <p><b>Permit Requirements – Other Sources</b></p> <p>2.06</p> <p><b>Public Notification for Title V, PSD, and offset Permits</b></p> <p>2.07 Section 1(1.1-1.7.2) – Public Notice for Title V Permit Actions                      Section 2(2.1-2.6) – Opportunity for Public Comment                      Section 3(3.1-3.1.4) – PSD Notifications                      Section 4(4.14.10) – Public Hearing                      Section 5 – Public Hearing                      Section 6(6.1-6.2.3) – Petition for Objection                      Section 7(7.1-7.3) – Notice to Affected States                      Section 8(8.1-8.2) – Transmission of Information to EPA                      Section 9(9.1-9.7) – EPA Objection                      Section 10(10.1-10.3) – Record Keeping and Sharing of Information                      Section 11 – Public Notification Costs</p> <p><b>Fees</b></p> <p>2.08 Section 1(1.1-1.11) – General Provisions                      Section 2(2.1-2.5) – Title V Emission Fees                      Section 3(3.1-3.4) – Filing and Banking Permit Fees                      Section 4(4.1-4.5) – Construction Permit Fees                      Section 5(5.1-5.3.11) – Minor Source Operating Permit Fees                      Section 6(6.1-6.5) – Federally Enforceable District Origin Operating Permit Fee</p>				



# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p>Section 7(7.1-7.1.11) – Permits for Asbestos demolition Section 8(8.1-8.1.4) – Plantwide Applicability Limit Permits Section 9(9.1-9.3) – Review of Permit and Emissions Fees Section 12(12.1-12.2.5.1) – Schedule of Fees Beginning in FY 2014</p> <p><b>Causes for Permit Modification, Revocation, or Suspension</b> 2.09 Section 1(1.1-1.3) – Permit Modification by District or the Board Section 2(2.1-2.4) – Permit Revocation by the Board Section 3(3.1-3.2) – Permit Suspension by the Board</p> <p><b>Stack Height Considerations</b> 2.10 Section 1 – Applicability Section 2(2.1-2.7) – Definitions Section 3 – Compliance Section 4 – Public Notice Section 5 – Exemptions</p> <p><b>Air Quality Model Usage</b> 2.11 Section 1(1.1-1.2)</p> <p><b>Federally Enforceable District Origin Operating Permits</b> 2.17 Section 1 – Definitions Section 2 – Applicability Section 3(3.1-3.8) – General Provisions Section 4(4.1-4.6) – Permit Applications Section 5(5.1-5.3) – Permit Requirements Section 6(6.1-6.6) – Permit Issuance, Renewals, Revisions and Revocations Section 7(7.1-7.2) – Reporting and Recordkeeping Requirements Section 8(8.1-8.5.3) – Public Participation in Federally Enforceable District Origin Operating Permit Actions Section 9 – Public Notification and Public Hearing Cost</p>				
Chapter 3	<p><b>Ambient Air Quality Standards</b> 3.01 Section 1 – Definitions Section 2 – Purpose Section 3 – Non-degradation Section 4 – General Prohibition Section 5 – Methods of Measurements Section 6 – Savings Clause Section 7 – Ambient Air Quality Standards</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
Chapter 4	<p><b>Emergency Episodes</b></p> <p>4.01</p> <p>4.02 Section 1 – Air Pollution Forecast Section 2(2.1-2.2.5.2) – Air Pollution Alerts Section 3 (3.1-3.2.5) – Air Pollution Warnings Section 4(4.1-4.2.5) – Air Pollution Emergencies Section 5 –Episode Termination Section 6 - Declaration of Episodes</p> <p><b>General Abatement Requirements</b></p> <p>4.03 Section 1(1.1-1.6) – General Provisions Section 2(2.1-2.5) – Standby Plans Section 3(3.1-3.2.2.1) – Alert Stage General Requirements Section 4(4.1-4.2.3) – Warning Stage General Requirements Section 5(5.1-5.1.3.9) – Emergency Stage General Requirements</p> <p><b>Particulate and Sulfur Dioxide Reduction Requirements</b></p> <p>4.04 Section 1(1.1-1.3.2) – Alerts Section 2(2.1-2.5.2) – Warnings Section 3 – Emergencies</p> <p><b>Hydrocarbon and Nitrogen Oxides Reduction Requirements</b></p> <p>4.05 Section 1(1.1-1.3.2.1) – Alerts Section 2(2.1-2.2) – Warnings Section 3 – Emergencies</p> <p><b>Carbon Monoxide Reduction Requirements</b></p> <p>4.06 Section 1(1.1-1.1.1) – Alerts Section 2 – Warnings Section 3 – Emergencies</p> <p><b>Episode Reporting Requirements</b></p> <p>4.07</p>				
Chapter 5	<p><b>Standards for Toxic Air Contaminants and Hazardous Air Pollutants</b></p> <p>5.00 Section 1(1.1-1.27) – Definitions Section 2 – Acronyms</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>General Provisions</b>                      5.01 Section 1 – General Duty                          Section 2 – Effect on Federal and SIP Emission Standards  <b>Adoption and Incorporation by Reference of National Emission Standards for Hazardous Air Pollutants</b>                      5.02 Section 1 – General Definition                          Section 2 – Adopted and Incorporated Subpart and Appendix Version Dates                          Section 3 – Adoption and Incorporation by Reference of 40 CFR part 61                          Section 4 – Adoption and incorporation by Reference of 40 CFR part 63                          Section 5 – Additional Applicable Requirements                          Section 6 - Applicability  <b>Adoption of Federal Emission Standard for Asbestos</b>                      5.04 Section 1 – General Definitions                          Section 2 – Applicability                          Section 3 – Adoption of 40 CFR part 61 Subpart M                          Section 4 – Availability  <b>Standards of Performance for Existing Processes and Process Equipment Emitting Toxic Air Pollutants</b>                      5.11 Section 1 – Applicability                          Section 2 – Savings Clause  <b>Standards of Performance for New or Modified Processes or Process Equipment Toxic Air Pollutants</b>                      5.12 Section 1 – Applicability                          Section 2 - Savings Clause  <b>Hazardous Air Pollution and Source Categories</b>                      5.14 Section 1(1.1-1.3) – Definitions                          Section 2 – Listing of Hazardous Air Pollutants                          Section 3(3.1-3.2.11) – List of Categories and Subcategories of Hazardous Air Pollutant Sources                          Section 4 – Additional List of Source Categories of Hazardous Air Pollutants  <b>Chemical Accident Prevention Provisions</b>                      5.15 Section 1 – Definitions                          Section 2(68.1-68.220)</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Control Technology Requirements for New and Reconstructed Major Stationary Sources of Hazardous Air Pollutants</b></p> <p>5.16 <b>Section 1(1.1-1.14)</b> – Definitions  <b>Section 2(2.1-2.4)</b> – Applicability  <b>Section 3</b> – Construction or Reconstruction of Major Sources  <b>Section 4(4.1-4.11)</b> Case by case MACT Determinations for Constructed or Reconstructed Major Sources  <b>Section 5(5.1-5.3)</b> – Requirements for Constructed or Reconstructed Major Sources Subject to a Subsequently Promulgated MACT Standard or MACT Requirement</p> <p><b>Methodology for Determining the Benchmark Ambient Concentration of a Toxic Air Contaminant</b></p> <p>5.20 <b>Section 1</b> – Use of Benchmark Ambient Concentration  <b>Section 2(2.1-2.5.1)</b> – Determination that at TAC is a Carcinogen  <b>Section 3(3.1-3.4)</b> – Determination of the BACe  <b>Section 4(4.1-4.12.6)</b>- Determination of the BACnc</p> <p><b>Environmental Acceptability of Toxic Air Contaminants</b></p> <p>5.21 <b>Section 1</b> – Applicability  <b>Section 2(2.1-2.7)</b> – DeMinimis Emissions  <b>Section 3(3.1-3.8)</b> – EA Goals  <b>Section 4(4.1-4.24)</b> – EA Demonstrations and Compliance Plans for Permitted Stationary Sources  <b>Section 5(5.1-5.14)</b> – Modification of an EA Goal  <b>Section 6(6.1-6.10)</b> – District-initiated Determinations  <b>Section 7(7.1-7.4)</b> – Public Review</p> <p><b>Procedures for Determining the Maximum Ambient Concentration of a Toxic Air Contaminant</b></p> <p>5.22 <b>Section 1(1.1-1.5)</b> – Determining the Maximum Ambient Concentration of a Toxic Air Contaminant  <b>Section 2(2.1-2.2)</b> – Tier 1 –Table 1: Simple Factor for Determining maximum Ambient Concentration  <b>Section 3(3.1-3.7.5.7)</b> – Tier 2 – Table 2: Annual Factor for Determining Maximum Ambient Concentrations  <b>Section 4(4.1-4.4)</b> – Tier 3 – SCREEN2 and TSCREEN Models  <b>Section 5(5.1-5.5)</b> – Tier 4 EPA Approved Dispersion Model  <b>Section 6(6.1)</b> – Model and Guidance Availability</p>				

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Categories of Toxic Air Contaminants</b>                      5.23 Section 1(1.1-1.2) – Category 1 Toxic Air Contaminants                      Section 2(2.1-2.2) – Category 2 Air Contaminants                      Section 3(3.1-3.2) – Category 3 Toxic Air Contaminants                      Section 4(4.1-4.2) – Category 4 Toxic Air Contaminants                      Section 5(5.1-5.17) – Exemptions from the Definition of Toxic Air contaminant</p> <p><b>Report and Plan of Action for Identified Source Sectors</b>                      5.30 Section 1(1.1-1.1.4) – Definitions                      Section 2(2.1-2.4) – Report and Plan of Action</p>				
Chapter 6	<p><b>Standards of Performance for Existing Affected Facilities</b>                      6.01 Section 1 – Applicability                      Section 2 – Permit Required                      Section 3 – Reporting Requirements                      Section 4(4.1-4.3) – Performance Tests</p> <p><b>Emission Monitoring for Existing Sources</b>                      6.02 Section 1(1.1-1.3)                      Section 2(2.1-2.4)                      Section 3 – Exemption                      Section 4 – Extensions                      Section 5 – Monitoring Systems Malfunctions                      Section 6(6.1-6.4) – Monitoring Requirements                      Section 7(7.1-7.5)                      Section 8(8.1-8.4)                      Section 9 – Calibration Gases                      Section 10(10.1-10.2) – Cycling Times                      Section 11 – Monitor Location                      Section 12 – Combined Effluents                      Section 13 – Zero and Span Drift                      Section 14 – Span                      Section 15(15.1-15.5) – Alternate Procedures and Requirements                      Section 16(16.1-16.6) – Minimum Data Requirements                      Section 17(17.1-17.2.2)                      Section 18(18.1-18.4) – Special Considerations</p>	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<p><b>Standards of Performance for Existing Process Operations</b>                      6.09 Section 1(1.1-1.2) – Applicability                      Section 2(2.1-2.6) – Definitions                      Section 3(3.1-3.6.2) – Standard for Particulate Matter                      Section 4(4.1-4.2) – Standard for Nitrogen Oxides                      Section 5 – Test Methods and Procedures</p> <p><b>Standard of Performance for Existing Process Gas Streams</b>                      6.10 Section 1 – Applicability                      Section 2(2.1) – Definitions                      Section 3- Standard for Hydrogen Sulfide                      Section 4 – Standard for Sulfur Dioxide                      Section 5 – Standard for Carbon Monoxide                      Section 6(6.1-6.2) – Test Methods and Procedures                      Section 7(7.1-7.5) – Compliance Schedule</p>				
Chapter 7	<p><b>Standards of Performance for New Affected Facilities</b>                      7.01 Section 1 – Applicability                      Section 2 – Permit Required                      Section 3(3.1-3.5) – Reporting Requirements                      Section 4(4.1-4.2) – Performance Tests                      Section 5(5.1-5.4) – Notification and Recordkeeping                      Section 6(6.1-6.3.4) – Monitoring Requirements                      Section 7(7.1-7.2) – Additional Standards</p> <p><b>Adoption and Incorporation by Reference of Federal New Source Performance Standards</b>                      7.02 Section 1 – General Definition                      Section 2 – Adopted and Incorporated Subpart and Appendix Version Dates                      Section 3(3.1-3.101) – Adoption and Incorporation by reference of 40 CFR Part 60                      Section 4(4.1-4.2) – Availability</p> <p><b>Standards of Performance for New Process Operations</b>                      7.08 Section 1 – Applicability                      Section 2(2.1-2.5.2) – Definitions                      Section 3(3.1-3.3.4) – Standard for Particulate Matter                      Section 4(4.1-4.2) – Standard for Nitrogen Oxides</p>	None			

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	<b>Standards of Performance for New Process Gas Streams</b> 7.09 Section 1(1.1-1.2) – Applicability Section 2(2.1) – Definitions Section 3(3.1-3.2) – Standard for Hydrogen Sulfide Section 4 – Standard for Sulfur Dioxide Section 5(5.1-5.2) – Standard for Carbon Monoxide				
Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>Local</b>					
<b>Chapter 95 Hazardous Material Ordinance</b>	<b>Louisville Metro Code of Ordinances</b>				
Chapter 95	<b>An Ordinance Amending and Re-Enacting Chapter 95 of The Louisville Metro Code of Ordinances Relating to Hazardous Materials</b> Section 1(95.01) – Purpose Section 1(95.02) – Applicability Section 1(95.03) – Definitions Section 1 (95.04) – Determination of Reportable Quantities Section 1 (95.05) - Administering Agency Section 1 (95.06) – Notice and Reporting Requirements Section 1 (95.07) – Hazardous Materials Use and Spill Prevention Section 1 (95.08) – Inspection and Investigation Section 1 (95.09) – Confidential Information and Trade Secrets Section 1(95.10) – Emergency And Hazardous Chemical Inventory Reporting Requirements Section 1(95.11) – Enforcement Section 1(95.12) – Cost Recovery by Responding Agencies Section 1(95.13) – Appeals and Overseer Board Section 1(95.14) – Appeals of Cost Recovery Claims Section 1(95.15) – Affirmative Defense Section 1(95.16) – Fees	None	<a href="http://www.louisvilleky.gov/downloads/council/2187.doc">http://www.louisvilleky.gov/downloads/council/2187.doc</a>	MSD	Collection and Pretreatment

# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
	Section 1(95.17) – Disclaimer of Liability Section 1 (95.18) – Indoor Release of Hazardous Materials Section 1(95.98) – Existing Obligations and Severability				

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
<b>MSD Internal Requirements</b>					
Final Product Specification	Louisville Green Management System				
Density	94-97% Dry Solids: Internal Specification for Final Product Density	None	<a href="#">..\.\6. Operational Control\Morris Forman Core Processes\Dryers\Operations Documentation\Chapter 4 Monitoring and Measurement ev 001.docx</a>	MSD	Solids Conditioning and Stabilization
Capture	65%: Internal Specification for Final Product Capture	None	<a href="#">..\.\6. Operational Control\Morris Forman Core Processes\Dryers\Operations Documentation</a>	MSD	Solids Conditioning and Stabilization



# Appendix 4A: List of Legal and Other Requirements

Updated: 12-10-14  
Update Number: 020



Form Revision Number: 003  
Form Revision Date: 7-30-13

Form Approved By: *Robert Bates*

Regulation	Description	Specific Requirement of Subpart	Location	Governing Agency	Area(s) of Influence within the Biosolids Value Chain
			<a href="#">\Chapter 4 Monitoring and Measurement ev 001.docx</a>		
<b>Contract/Agreements</b>	<b>Louisville Green Management System</b>				
National Biosolids Partnership	Platinum Level Certification since 2008	None	<a href="http://www.wef.org/biosolids">http://www.wef.org/biosolids</a>	<b>NBP</b>	Entire Value Chain
Marketer Contract	Contract with Mannco, Inc.	None	<a href="#">..\6. Operational Control\Contractor Control\Louisville Green Marketer\Mannco, Inc\Contract Information\Mannco Contract signed.pdf</a>	<b>MSD</b>	Biosolids Use and Disposal