9.2(455B,17A)

9.3(455B)

9.4(455B)

Forms

Procedures

Criteria for authority

ENVIRONMENTAL PROTECTION COMMISSION [567]
Former Water, Air and Waste Management[900], renamed by 1986 Iowa Acts, chapter 1245, Environmental Protection Commission under the "umbrella" of the Department of Natural Resources.

TITLE I GENERAL

CHAPTER 1

	CHAPTER I	
OPERATION OF ENVIRONMENTAL PROTECTION COMMISSION		
1.1(17A,455A)	Scope	
1.2(17A,455A)	Time of meetings	
1.3(17A,455A)	Place of meetings	
1.4(17A,455A)	Notification of meetings	
1.5(17A,455A)	Attendance and participation by the public	
1.6(17A,455A)	Quorum and voting requirements	
1.7(17A,455A)	Conduct of meeting	
1.8(17A,455A)	Minutes, transcripts, and recordings of meetings	
1.9(17A,455A)	Officers and duties	
1.10(17A,455A)	Election and succession of officers	
1.11(68B)	Sales of goods and services	
	CHAPTED 2	
-	CHAPTER 2	
	PUBLIC RECORDS AND FAIR INFORMATION PRACTICES (Uniform Rules)	
2.1(17A,22)	Adoption by reference	
, ,		
	CHAPTER 3	
	SSION OF INFORMATION AND COMPLAINTS—INVESTIGATIONS	
3.1(17A,455B)	Adoption by reference	
	CHAPTER 4	
	AGENCY PROCEDURE FOR RULE MAKING	
4.1(17A)	Adoption by reference	
(1711)	respectively reference	
	CHAPTER 5	
	PETITIONS FOR RULE MAKING	
5.1(17A)	Adoption by reference	
	CHAPTED (
	CHAPTER 6	
(1/174)	DECLARATORY ORDERS	
6.1(17A)	Adoption by reference	
	CHAPTER 7	
	RULES OF PRACTICE IN CONTESTED CASES	
7.1(17A)	Adoption by reference	
7.1(1711)	respectively reference	
	CHAPTER 8	
CONTRAC	CTS FOR PUBLIC IMPROVEMENTS AND PROFESSIONAL SERVICES	
8.1(17A)	Adoption by reference	
	CHADTED O	
DI	CHAPTER 9 ELEGATION OF CONSTRUCTION PERMITTING AUTHORITY	
9.1(455B)	Scope	

CHAPTER 10 ADMINISTRATIVE PENALTIES

	ADMINISTRATIVE PENALTIES
10.1(455B)	Scope
10.2(455B)	Criteria for screening and assessing administrative penalties
10.3(455B)	Assessment of administrative penalties
, ,	•
	CHAPTER 11
TAX CERT	TFICATION OF POLLUTION CONTROL OR RECYCLING PROPERTY
11.1(427)	Scope
11.2(427,17A)	Form
11.3(427)	Time of submission
11.4(427)	Notice
11.5(427)	Issuance
11.6(427)	Criteria for determining eligibility
	CHARTER 12
	CHAPTER 12
10 1(AFFIZ)	ENVIRONMENTAL SELF-AUDITS
12.1(455K)	General
12.2(455K)	Notice of audit
12.3(455K)	Request for extension
12.4(455K)	Disclosure of violation
	CHAPTER 13
W	VAIVERS OR VARIANCES FROM ADMINISTRATIVE RULES
13.1(17A)	Adoption by reference
13.2(17A)	Report to commission
13.2(1/11)	1.6p 0.1 to 40 ministron
	CHAPTER 14
	CHAPTER 14 ENVIRONMENTAL COVENANTS
14.1(455B,455H)	
14.1(455B,455H) 14.2(455B,455H)	ENVIRONMENTAL COVENANTS
	ENVIRONMENTAL COVENANTS Definitions Environmental covenants
14.2(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 14.9(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 14.9(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 WOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 14.9(455B,455H)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 VOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE FOR FAILURE TO PAY STATE LIABILITIES
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 15.1(455B,554D) REV	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 VOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE FOR FAILURE TO PAY STATE LIABILITIES Purpose and use
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 15.1(455B,554D) REV 16.1(272D,261) 16.2(272D,261)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 WOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE FOR FAILURE TO PAY STATE LIABILITIES Purpose and use Definitions
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 15.1(455B,554D) REV 16.1(272D,261) 16.2(272D,261) 16.3(272D,261)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 VOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE FOR FAILURE TO PAY STATE LIABILITIES Purpose and use Definitions Requirements of the department
14.2(455B,455H) 14.3(455B,455H) 14.4(455B,455H) 14.5(455B,455H) 14.6(455B,455H) 14.7(455B,455H) 14.8(455B,455H) 14.9(455B,455H) 15.1(455B,554D) REV 16.1(272D,261) 16.2(272D,261)	ENVIRONMENTAL COVENANTS Definitions Environmental covenants Supporting documentation Recording and approval Mandatory provisions Optional provisions Modification and termination Signatories to the environmental covenant Notice CHAPTER 15 CROSS-MEDIA ELECTRONIC REPORTING Purpose CHAPTER 16 WOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE FOR FAILURE TO PAY STATE LIABILITIES Purpose and use Definitions

COMPLIANCE AND ENFORCEMENT PROCEDURES

17.1(455B)	Scope
17.2(455B)	Basis
17.3(455B)	Option to respond
17.4(455B)	Department discretion

CHAPTERS 18 and 19

Reserved

TITLE II $AIR\ QUALITY$

CHAPTER 20

SCOPE OF TITLE—DEFINITIONS—FORMS—RULES OF PRACTICE	
20.1(455B,17A)	Scope of title
20.2(455B)	Definitions
	CHAPTER 21
	CHAPTER 21 COMPLIANCE
21 1(455D)	
21.1(455B)	Compliance schedule Variances
21.2(455B)	
21.3(455B)	Emission reduction program Circumvention of rules
21.4(455B)	
21.5(455B)	Evidence used in establishing that a violation has or is occurring
21.6(455B)	Temporary electricity generation for disaster situations
	CHAPTER 22
	CONTROLLING POLLUTION
22.1(455B)	Permits required for new or existing stationary sources
22.2(455B)	Processing permit applications
22.3(455B)	Issuing permits
22.4(455B)	Special requirements for major stationary sources located in areas designated attainment or unclassified (PSD)
22.5(455B)	Special requirements for nonattainment areas
22.6	Reserved
22.7(455B)	Alternative emission control program
22.8(455B)	Permit by rule
22.9(455B)	Special requirements for visibility protection
22.10(455B)	Permitting requirements for country grain elevators, country grain terminal
	elevators, grain terminal elevators and feed mill equipment
22.11 to 22.99	Reserved
22.100(455B)	Definitions for Title V operating permits
22.101(455B)	Applicability of Title V operating permit requirements
22.102(455B)	Source category exemptions
22.103(455B)	Insignificant activities
22.104(455B)	Requirement to have a Title V permit
22.105(455B)	Title V permit applications
22.106(455B)	Title V permit fees
22.107(455B)	Title V permit processing procedures
22.108(455B)	Permit content
22.109(455B)	General permits
22.110(455B)	Changes allowed without a Title V permit revision (off-permit revisions)
22.111(455B)	Administrative amendments to Title V permits

22 112(455D)	NO TO A STATE OF THE STATE OF T
22.112(455B)	Minor Title V permit modifications
22.113(455B)	Significant Title V permit modifications
22.114(455B)	Title V permit reopenings
22.115(455B)	Suspension, termination, and revocation of Title V permits
22.116(455B)	Title V permit renewals
22.117 to 22.119	Reserved
22.120(455B)	Acid rain program—definitions
22.121(455B)	Measurements, abbreviations, and acronyms
22.122(455B)	Applicability
22.123(455B)	Acid rain exemptions
22.124	Reserved
22.125(455B)	Standard requirements
22.126(455B)	Designated representative—submissions
22.127(455B)	Designated representative—objections
22.127(455B) 22.128(455B)	Acid rain applications—requirement to apply
22.128(455B) 22.129(455B)	Information requirements for acid rain permit applications
22.129(455B) 22.130(455B)	Acid rain permit application shield and binding effect of permit application
, ,	
22.131(455B)	Acid rain compliance plan and compliance options—general Reserved
22.132	
22.133(455B)	Acid rain permit contents—general
22.134(455B)	Acid rain permit shield
22.135(455B)	Acid rain permit issuance procedures—general
22.136(455B)	Acid rain permit issuance procedures—completeness
22.137(455B)	Acid rain permit issuance procedures—statement of basis
22.138(455B)	Issuance of acid rain permits
22.139(455B)	Acid rain permit appeal procedures
22.140(455B)	Permit revisions—general
22.141(455B)	Permit modifications
22.142(455B)	Fast-track modifications
22.143(455B)	Administrative permit amendment
22.144(455B)	Automatic permit amendment
22.145(455B)	Permit reopenings
22.146(455B)	Compliance certification—annual report
22.147	Reserved
22.148(455B)	Sulfur dioxide opt-ins
22.149 to 22.299	Reserved
22.300(455B)	Operating permit by rule for small sources
	CHAPTER 23
23.1(455B)	EMISSION STANDARDS FOR CONTAMINANTS Emission standards
* *	
23.2(455B)	Open burning
23.3(455B)	Specific contaminants
23.4(455B)	Specific processes
23.5(455B)	Anaerobic lagoons
23.6(455B)	Alternative emission limits (the "bubble concept")
	CHAPTER 24
	EXCESS EMISSION
24.1(455B)	Excess emission reporting
24.2(455B)	Maintenance and repair requirements
()	1 1" "

	CHAPTER 25
	MEASUREMENT OF EMISSIONS
25.1(455B)	Testing and sampling of new and existing equipment
25.2(455B)	Continuous emission monitoring under the acid rain program
25.3(455B)	Mercury emissions testing and monitoring
	CHAPTER 26
	PREVENTION OF AIR POLLUTION EMERGENCY EPISODES
26.1(455B)	General
26.2(455B)	Episode criteria
26.3(455B)	Preplanned abatement strategies
26.4(455B)	Actions taken during episodes
	CHAPTER 27
	CERTIFICATE OF ACCEPTANCE
27.1(455B)	General
27.2(455B)	Certificate of acceptance
27.3(455B)	Ordinance or regulations
27.4(455B)	Administrative organization
27.5(455B)	Program activities
	CHAPTER 28
	AMBIENT AIR QUALITY STANDARDS
28.1(455B)	Statewide standards
	CHAPTER 29
QUALIFIC	CATION IN VISUAL DETERMINATION OF THE OPACITY OF EMISSIONS
29.1(455B)	Methodology and qualified observer
	CHAPTER 30
	Reserved
	CHAPTER 31
	NONATTAINMENT AREAS
31.1(455B)	Permit requirements relating to nonattainment areas
31.2(455B)	Conformity of general federal actions to the Iowa state implementation plan or
,	federal implementation plan
	NONATTAINMENT AREAS DESIGNATED ON OR AFTER MAY 18, 1998
31.3(455B)	Nonattainment new source review requirements for areas designated nonattainment
	on or after May 18, 1998
31.4(455B)	Preconstruction review permit program
31.5 to 31.8	Reserved
31.9(455B)	Actuals PALs
31.10(455B)	Validity of rules
31.11 to 31.19	Reserved
	NONATTAINMENT AREAS DESIGNATED BEFORE MAY 18, 1998
31.20(455B)	Special requirements for nonattainment areas designated before May 18, 1998
	(originally adopted in 567—22.5(455B))
	CHAPTER 32
	ANIMAL FEEDING OPERATIONS FIELD STUDY
32.1(455B)	Animal feeding operations field study
32.2(455B)	Definitions

32.3(455B)	Exceedance of the health effects value (HEV) for hydrogen sulfide
32.4(455B)	Exceedance of the health effects standard (HES) for hydrogen sulfide
32.5(455B)	Iowa Air Sampling Manual
	CHAPTER 33
	L REGULATIONS AND CONSTRUCTION PERMIT REQUIREMENTS
FOR M	AJOR STATIONARY SOURCES—PREVENTION OF SIGNIFICANT
	DETERIORATION (PSD) OF AIR QUALITY
33.1(455B)	Purpose
33.2	Reserved
33.3(455B)	Special construction permit requirements for major stationary sources in areas
	designated attainment or unclassified (PSD)
33.4 to 33.8	Reserved
33.9(455B)	Plantwide applicability limitations (PALs)
33.10(455B)	Exceptions to adoption by reference
	CHAPTER 34
	VISIONS FOR AIR QUALITY EMISSIONS TRADING PROGRAMS
34.1(455B)	Purpose
34.2 to 34.199	Reserved
34.200(455B)	Provisions for air emissions trading and other requirements for the Clean Air
	Interstate Rule (CAIR)
34.201(455B)	CAIR NOx annual trading program general provisions
34.202(455B)	CAIR designated representative for CAIR NOx sources
34.203(455B)	Permits
34.204	Reserved
34.205(455B)	CAIR NOx allowance allocations
34.206(455B)	CAIR NOx allowance tracking system
34.207(455B)	CAIR NOx allowance transfers
34.208(455B)	Monitoring and reporting
34.209(455B)	CAIR NOx opt-in units
34.210(455B)	CAIR SO2 trading program
34.211 to 34.219	Reserved
34.220(455B)	CAIR NOx ozone season trading program
34.221(455B)	CAIR NOx ozone season trading program general provisions
34.222(455B)	CAIR designated representative for CAIR NOx ozone season sources
34.223(455B)	CAIR NOx ozone season permits
34.224	Reserved
34.225(455B)	CAIR NOx ozone season allowance allocations
34.226(455B)	CAIR NOx ozone season allowance tracking system
34.227(455B)	CAIR NOx ozone season allowance transfers
34.228(455B)	CAIR NOx ozone season monitoring and reporting
34.229(455B)	CAIR NOx ozone season opt-in units
	·
	CHAPTER 35
	AIR EMISSIONS REDUCTION ASSISTANCE PROGRAM
35.1(455B)	Purpose
35.2(455B)	Definitions
35.3(455B)	Role of the department of natural resources
35.4(455B)	Eligible projects
35.5(455B)	Forms
35.6(455B)	Project selection
35.7(455B)	Funding sources

35.8(455B)	Type of financial assistance
35.9(455B)	Term of loans
35.10(455B)	Reduced award
35.11(455B)	Fund disbursement limitations
35.12(455B)	Applicant cost share
35.13(455B)	Eligible costs
35.14(455B)	Ineligible costs
35.15(455B)	Written agreement
35.16(455B)	Financial assistance denial

TITLE III

WITHDRAWAL DIVERSION, STORAGE AND USE OF WATER DIVISION A

WATER WELL CONSTRUCTION: GENERAL STANDARDS AND REGISTRATION OF CONTRACTORS

CHAPTERS 36 and 37

Reserved

CHAPTER 38

PRIVATE WATER WELL CONSTRUCTION PERMITS

	THE WHERE WEEE CONSTRUCTION I ENWI
38.1(455B)	Definitions
38.2(455B)	Forms
38.3(455B)	Permit requirement
38.4(455B)	Form of application
38.5(455B)	Fees
38.6(455B)	Well maintenance and reconstruction
38.7(455B)	Emergency permits
38.8(455B)	Permit issuance and conditions
38.9(455B)	Noncompliance
38.10(455B)	Expiration of a permit
38.11(455B)	Transferability
38.12(455B)	Denial of a permit
38.13(455B)	Appeal of a permit denial
38.14	Reserved
38.15(455B)	Delegation of authority to county board of supervisors
38.16(455B)	Concurrent authority of the department
38.17(455B)	Revocation of delegation agreement

CHAPTER 39

REQUIREMENTS FOR PROPERLY PLUGGING ABANDONED WELLS

39.1(455B)	Purpose
39.2(455B)	Applicability
39.3(455B)	Definitions
39.4(455B)	Forms
39.5(455B)	Abandoned well plugging schedule
39.6(455B)	Abandoned well owner responsibilities
39.7(455B)	Abandoned well plugging materials
39.8(455B)	Abandoned well plugging procedures
39.9(455B)	Designated agent
39.10(455B)	Designation of standby wells
39.11(455B)	Variances

DIVISION B DRINKING WATER

CHAPTER 40

SCOPE OF DIVISION—DEFINITIONS—FORMS—RULES OF PRACTICE		
	40.1(455B)	Scope of division
	40.2(455B)	Definitions
	40.3(17A,455B)	Forms
	40.4(17A,455B)	Public water supply construction permit application procedures
	40.5(17A,455B)	Public water supply operation permit application procedures
	40.6(455B)	Drinking water state revolving fund loan application procedures

40.7(455B) Viability assessment procedures

CHAPTER 41

WATER SUPPLIES

41.1(455B)	Primary drinking water regulations—coverage
41.2(455B)	Biological maximum contaminant levels (MCL) and monitoring requirements
41.3(455B)	Maximum contaminant levels (MCLs) and monitoring requirements for inorganic
	contaminants other than lead or copper
41.4(455B)	Lead, copper, and corrosivity
41.5(455B)	Organic chemicals
41.6(455B)	Disinfection byproducts maximum contaminant levels and monitoring
	requirements
41.7	Reserved
41.8(455B)	Radionuclides

41.7	Reserved
41.8(455B)	Radionuclides
41.9 and 41.10	Reserved
41.11(455B)	Special monitoring

41.12(455B) Alternative analytical techniques

41.13(455B) Monitoring of interconnected public water supply systems 41.14(455B) Department analytical results used to determine compliance

41.15(455B) Monitoring of other contaminants

CHAPTER 42

PUBLIC NOTIFICATION, PUBLIC EDUCATION, CONSUMER CONFIDENCE REPORTS, REPORTING, AND RECORD MAINTENANCE

42.1(455B)	Public notification
42.2(455B)	Public education for lead action level exceedance
42.3(455B)	Consumer confidence reports
42.4(455B)	Reporting
42.5(455B)	Record maintenance

CHAPTER 43

	WATER SUPPLIES—DESIGN AND OPERATION
43.1(455B)	General information
43.2(455B)	Permit to operate
43.3(455B)	Public water supply system construction
43.4(455B)	Certification of completion
43.5(455B)	Filtration and disinfection for surface water and influenced groundwater public
	water supply systems
43.6(455B)	Residual disinfectant and disinfection byproduct precursors
43.7(455B)	Lead and copper treatment techniques
43.8(455B)	Viability assessment

43.9(455B)	Enhanced filtration and disinfection requirements for surface water and IGW	
13.5 (1332)	systems serving at least 10,000 people	
43.10(455B)	Enhanced filtration and disinfection requirements for surface water and IGW systems serving fewer than 10,000 people	
43.11(455B)	Enhanced treatment for <i>Cryptosporidium</i>	
43.12(455B)	Optimization goals	
	CHAPTER 44	
	DRINKING WATER STATE REVOLVING FUND	
44.1(455B)	Statutory authority	
44.2(455B)	Scope of title	
44.3(455B)	Purpose	
44.4(455B)	Definitions	
44.5(455B)	Set-asides	
44.6(455B)	Eligibility	
44.7(455B)	Project point ranking system (project priority list)	
44.8(455B)	Intended use plan	
44.9(455B)	Department initial approval of projects	
44.10(455B)	General administrative requirements	
44.11	Reserved	
44.12(455B) 44.13(455B)	Construction phase and postconstruction phase requirements Sanctions	
44.14(455B)	Disputes	
44.14(433D)	Disputes	
	CHAPTERS 45 to 48	
	Reserved	
CHAPTER 49		
	CHAPTER 49	
	CHAPTER 49 NONPUBLIC WATER SUPPLY WELLS	
49.1(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose	
49.2(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions	
49.2(455B) 49.3(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability	
49.2(455B) 49.3(455B) 49.4(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.18(455B)	Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.18(455B) 49.19(455B)	Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping Underground wiring	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.18(455B) 49.19(455B) 49.19(455B)	Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping Underground wiring Sampling faucets	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.19(455B) 49.19(455B) 49.20(455B) 49.20(455B)	Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping Underground wiring Sampling faucets Hydropneumatic (pressure) tanks	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.15(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.18(455B) 49.19(455B) 49.19(455B) 49.20(455B) 49.20(455B) 49.22(455B)	NONPUBLIC WATER SUPPLY WELLS Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping Underground wiring Sampling faucets Hydropneumatic (pressure) tanks Electrical connections	
49.2(455B) 49.3(455B) 49.4(455B) 49.5(455B) 49.6(455B) 49.7(455B) 49.8(455B) 49.9(455B) 49.10(455B) 49.11(455B) 49.12(455B) 49.13(455B) 49.14(455B) 49.15(455B) 49.15(455B) 49.16(455B) 49.17(455B) 49.19(455B) 49.19(455B) 49.20(455B) 49.20(455B)	Purpose Definitions Applicability General Variances Location of wells General construction requirements Types of well construction Material standards Well reconstruction Disposal of drilling mud Pumps and pumping equipment Drop pipe Pump wiring Pitless adapters and pitless units Well caps and seals Vents Underground piping Underground wiring Sampling faucets Hydropneumatic (pressure) tanks	

52.20(455B)

52.21(455B)

Water storage permits

49.25(455B)	Filters and water treatment equipment
49.26(455B)	Well disinfection
49.27(455B)	Water sampling and analysis
49.28(455B)	Abandonment of wells
49.29(455B)	Closed circuit vertical heat exchangers
	DIVISION C
	WITHDRAWAL, DIVERSION AND STORAGE
	OF WATER: WATER RIGHTS ALLOCATION
	CHAPTER 50
SCOP	E OF DIVISION—DEFINITIONS—FORMS—RULES OF PRACTICE
50.1(455B)	Scope of division
50.2(455B)	Definitions
50.2(433B) 50.3(17A,455B)	Forms for withdrawal, diversion or storage of water
50.4(17A,455B)	How to request a permit
50.5(455B)	Initial screening of applications
50.6(17A,455B)	Supporting information
50.7(17A,455B)	Review of complete applications
50.8(17A,455B)	Initial decision by the department
50.9(17A,455B)	Appeal of initial decision
30.7(17A, 4 33 D)	Appear of illitial decision
	CHAPTER 51
	WATER PERMIT OR REGISTRATION—WHEN REQUIRED
51.1(455B)	Scope of chapter
51.2(455B)	Storage (surface)
51.3(455B)	Diversion from surface into aquifer
51.4(455B)	Drain tile lines
51.5(455B)	Cooling/heating systems
51.6(455B)	Miscellaneous uses
51.7(455B)	Excavation and processing of rock and gravel products
51.8(159)	Agricultural drainage wells
	CHAPTED 52
CHAPTER 52	
CRITERIA AND CONDITIONS FOR AUTHORIZING WITHDRAWAL, DIVERSION AND STORAGE OF WATER	
52 1(455D)	
52.1(455B)	Scope of chapter
52.2(455B)	Conditions on permitted water uses Conditions on withdrawals from streams
52.3(455B)	
52.4(455B)	Conditions on withdrawals from groundwater sources
52.5(455B)	Duration of permits for withdrawal or diversion of water
52.6(455B)	Monitoring, recording and reporting of water use and effects on water source
52.7(455B)	Modification, cancellation, and emergency suspension of permits
52.8(455B)	Designated protected flows of streams
52.9(455B)	Water conservation Priority allocation restrictions
52.10(455B)	Priority allocation restrictions
52.11(455B)	Plugging of abandoned wells
52.12 to 52.19	Reserved

Permits to divert water to an agricultural drainage well

PROTECTED WATER SOURCES — PURPOSES — DESIGNATION PROCEDURES — INFORMATION IN WITHDRAWAL APPLICATIONS — LIST OF PROTECTED SOURCES

	LIST OF PROTECTED SOURCES
53.1(455B)	Scope of chapter
53.2(455B)	Designation of protected sources
53.3(455B)	Purposes of designating a protected source
53.4(455B)	Designation procedure
53.5(455B)	Information requirements for applications to withdraw water from protected sources
53.6(455B)	Conditions in permits for withdrawals of water from a protected source
53.7(455B)	List of protected water sources
	CHAPTER 54
CRITERIA A	ND CONDITIONS FOR PERMIT RESTRICTIONS OR COMPENSATION BY
PERMITTE	D USERS TO NONREGULATED USERS DUE TO WELL INTERFERENCE
54.1(455B)	Scope of chapter
54.2(455B)	Requirements for informal negotiations
54.3(455B)	Failure to cooperate

34.2(433D)	Requirements for informal negotiations
54.3(455B)	Failure to cooperate
54.4(455B)	Well interference by proposed withdrawals
54.5(455B)	Well interference by existing permitted uses
54.6(455B)	Verification of well interference
54.7(455B)	Settlement procedures
54.8(455B)	Recurring complaints
54.9(455B)	Variances
54.10(455B)	Appeal procedures

CHAPTER 55

AQUIFER STORAGE AND RECOVERY:

CRITERIA AND CONDITIONS FOR AUTHORIZING STORAGE,

RECOVERY, AND USE OF WATER

55.1(455B)	Statutory authority
55.2	Reserved
55.3(455B)	Purpose
55.4(455B)	Definitions
55.5(455B)	Application processing
55.6(455B)	Aquifer storage and recovery technical evaluation criteria

CHAPTERS 56 to 59

Reserved

TITLE IV
WASTEWATER TREATMENT AND DISPOSAL

CHAPTER 60

SCOPE OF TITLE—DEFINITIONS—FORMS—RULES OF PRACTICE

60.1(455B,17A)	Scope of title
60.2(455B)	Definitions
60.3(455B,17A)	Forms
60 4(455D 17A)	Application procedure

60.4(455B,17A) Application procedures and requirements generally

CHAPTER 61 WATER QUALITY STANDARDS

	WATER QUALITY STANDARDS
61.1	Reserved
61.2(455B)	General considerations
61.3(455B)	Surface water quality criteria
61.4 to 61.9	Reserved
	VOLUNTEER MONITORING DATA REQUIREMENTS
61.10(455B)	Purpose
61.11(455B)	Monitoring plan required
61.12(455B)	Use of volunteer monitoring data
61.13(455B)	Department audits of volunteer monitoring activities
,	•
	CHAPTER 62
	EFFLUENT AND PRETREATMENT STANDARDS:
(2.1(AFFD)	OTHER EFFLUENT LIMITATIONS OR PROHIBITIONS
62.1(455B)	Prohibited discharges
62.2(455B)	Exemption of adoption of certain federal rules from public participation
62.3(455B)	Secondary treatment information: effluent standards for publicly owned treatment
(0.4(455D)	works and semipublic sewage disposal systems
62.4(455B)	Federal effluent and pretreatment standards
62.5(455B)	Federal toxic effluent standards
62.6(455B)	Effluent limitations and pretreatment requirements for sources for which there are
	no federal effluent or pretreatment standards
62.7(455B)	Effluent limitations less stringent than the effluent limitation guidelines
62.8(455B)	Effluent limitations or pretreatment requirements more stringent than the effluent
(2.0(455D)	or pretreatment standards
62.9(455B)	Disposal of pollutants into wells
62.10(455B)	Effluent reuse
	CHAPTER 63
MC	ONITORING, ANALYTICAL AND REPORTING REQUIREMENTS
63.1(455B)	Guidelines establishing test procedures for the analysis of pollutants
63.2(455B)	Records of monitoring activities and results
63.3(455B)	Minimum self-monitoring requirements in permits
63.4(455B)	Effluent toxicity testing requirements in permits
63.5(455B)	Self-monitoring and reporting for animal feeding operations
63.6(455B)	Bypasses and upsets
63.7(455B)	Submission of records of operation
63.8(455B)	Frequency of submitting records of operation
63.9(455B)	Content of records of operation
63.10(455B)	Records of operation forms
63.11(455B)	Certification and signatory requirements in the submission of records of operation
63.12(455B)	Twenty-four-hour reporting
63.13(455B)	Planned changes
63.14(455B)	Anticipated noncompliance
	CHAPTER 64
7	WASTEWATER CONSTRUCTION AND OPERATION PERMITS
64.1	Reserved
64.2(455B)	Permit to construct
64.3(455B)	Permit to operate
· /	

64.4(455B) 64.5(455B) 64.6(455B) 64.7(455B) 64.8(455B) 64.9(455B) 64.10(455B) 64.11 and 64.12	Issuance of NPDES permits Notice and public participation in the individual NPDES permit process Completing a Notice of Intent for coverage under a general permit Terms and conditions of NPDES permits Reissuance of operation and NPDES permits Monitoring, record keeping and reporting by operation permit holders Silvicultural activities Reserved
64.13(455B)	Storm water discharges
64.14(455B)	Transfer of title and owner or operator address change
64.15(455B) 64.16(455B)	General permits issued by the department Fees
64.17(455B)	Validity of rules
64.18(455B)	Applicability
	CHAPTER 65
	ANIMAL FEEDING OPERATIONS
	DIVISION I CONFINEMENT FEEDING OPERATIONS
65.1(459,459B)	Definitions
65.2(459,459B)	Minimum manure control requirements and reporting of releases
65.3(459,459B)	Requirements and recommended practices for land application of manure
65.4 65.5(459,459B)	Reserved Departmental evaluation
65.6(459,459B)	Concentrated animal feeding operations; NPDES permits
65.7(459,459B)	Construction permits—required approvals, permits, determinations and declaratory orders
65.8(459,459B)	Construction
65.9(459,459B)	Preconstruction submittal requirements
65.10(459,459B)	Construction permit application review process, site inspections and complaint investigations
65.11(459,459B) 65.12(459,459B)	Confinement feeding operation and stockpile separation distance requirements Exemptions and variances to confinement feeding operation and stockpile separation distance requirements and prohibition of construction on the one hundred year flood plain
65.13 and 65.14	Reserved
65.15(459,459B)	Manure storage structure design requirements
65.16(459,459B)	Manure management plan requirements
65.17(459,459B)	Manure management plan content requirements
65.18(459,459B) 65.19(459,459B)	Construction certification Manure applicators certification
65.20(459,459B)	Manure storage indemnity fund
65.21(459,459B)	Transfer of legal responsibilities or title
65.22(459,459B)	Validity of rules
65.23 to 65.99	Reserved
	DIVISION II OPEN FEEDLOT OPERATIONS
65.100(455B,459,4	
65.101(459A)	Minimum open feedlot effluent control requirements and reporting of releases
65.102(455B,459A	,
65.103(455B,459A 65.104(455B,459A	

65.105(459A)	Construction permits
65.106(459A)	Construction
65.107(459A)	Construction permit application
65.108(455B,459A)	
65.109(459A)	Settled open feedlot effluent basins—investigation, design and construction
	requirements
65.110(459A)	AT systems—design requirements
65.111(459A)	Construction certification
65.112(459A)	Nutrient management plan requirements
65.113(459A)	Complaint investigations
65.114(455B,459A)	Transfer of legal responsibilities or title
	CHAPTER 66
	PESTICIDE APPLICATION TO WATERS
66 1(455D)	
66.1(455B)	Aquatic pesticide
	CHAPTER 67
STAN	NDARDS FOR THE LAND APPLICATION OF SEWAGE SLUDGE
67.1(455B)	Land application of sewage sludge
67.2(455B)	Exclusions
67.3(455B)	Sampling and analysis
67.4(455B)	Land application program
67.5(455B)	Special definitions
67.6(455B)	Permit requirements
67.7(455B)	Land application requirements for Class I sewage sludge
67.8(455B)	Land application requirements for Class II sewage sludge
67.9(455B)	Class III sewage sludge
67.10(455B)	Sampling and analytical methods
67.11(455B)	Pathogen treatment processes
	CHAPTER 68
	COMMERCIAL SEPTIC TANK CLEANERS
68.1(455B)	Purpose and applicability
68.2(455B)	Definitions
68.3(455B)	Licensing requirements
68.4(455B)	Licensing procedures
68.5(455B)	Suspension, revocation and denial of license
68.6(455B)	Licensee's obligations
68.7(455B)	County obligations
68.8(455B)	Application sites and equipment inspections
68.9(455B)	Standards for commercial cleaning of private sewage disposal systems
68.10(455B)	Standards for disposal
68.11(455B)	Standards for disposal of on-farm food processing wastewater
, ,	
	CHAPTER 69
(0.1/455D)	PRIVATE SEWAGE DISPOSAL SYSTEMS
69.1(455B)	General
69.2(455B)	Time of transfer inspections
69.3(455B)	Site analysis Paguingments when affluent is discharged into gurface water
69.4(455B)	Requirements when effluent is discharged into surface water
69.5(455B)	Requirements when effluent is discharged above the ground surface
69.6(455B)	Requirements when effluent is discharged into the soil
69.7(455B)	Building sewers

69.8(455B) 69.9(455B) 69.10(455B) 69.11(455B) 69.12(455B) 69.13(455B) 69.14(455B) 69.15(455B) 69.16(455B) 69.17(455B) 69.18(455B)	Primary treatment—septic tanks Secondary treatment—subsurface soil absorption systems Mound systems At-grade systems Drip irrigation Packed bed media filters Aerobic treatment units Constructed wetlands Waste stabilization ponds Requirements for impervious vault toilets Requirements for portable toilets
69.19(455B) 69.20(455B)	Other methods of wastewater disposal Disposal of septage from private sewage disposal systems
69.21(455B) 69.22(455B)	Experimental private sewage disposal systems Variances
	TITLE V FLOOD PLAIN DEVELOPMENT
	CHAPTER 70
SCO	PE OF TITLE—DEFINITIONS—FORMS—RULES OF PRACTICE
70.1(455B,481A)	Scope of title
70.2(455B,481A)	Definitions
70.3(17A,455B,48	
	1A) Requesting approval of flood plain development
	1A) Procedures for review of applications
70.6(17A,455B,48	1A) Appeal of initial decision
	CHAPTER 71
	CHAI LER / I
	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED
71.1(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT—
71.1(455B) 71.2(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED
	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments
71.2(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules Animal feeding operation structures CHAPTER 72 CRITERIA FOR APPROVAL DIVISION I
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules Animal feeding operation structures CHAPTER 72 CRITERIA FOR APPROVAL DIVISION I SPECIAL CRITERIA FOR VARIOUS TYPES OF FLOOD PLAIN DEVELOPMENT
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B) 71.13(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules Animal feeding operation structures CHAPTER 72 CRITERIA FOR APPROVAL DIVISION I SPECIAL CRITERIA FOR VARIOUS TYPES OF FLOOD PLAIN DEVELOPMENT Bridges and road embankments
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B) 71.13(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules Animal feeding operation structures CHAPTER 72 CRITERIA FOR APPROVAL DIVISION I SPECIAL CRITERIA FOR VARIOUS TYPES OF FLOOD PLAIN DEVELOPMENT Bridges and road embankments Channel changes
71.2(455B) 71.3(455B) 71.4(455B) 71.5(455B) 71.6(455B) 71.7(455B) 71.8(455B) 71.9(455B) 71.10(455B) 71.11(455B) 71.12(455B) 71.13(455B)	FLOOD PLAIN OR FLOODWAY DEVELOPMENT— WHEN APPROVAL IS REQUIRED Bridges, culverts, temporary stream crossings, and road embankments Channel changes Dams Levees or dikes Waste or water treatment facilities Sanitary landfills Buildings and associated fill Pipeline crossings Stream bank protective devices Boat docks Excavations Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules Animal feeding operation structures CHAPTER 72 CRITERIA FOR APPROVAL DIVISION I SPECIAL CRITERIA FOR VARIOUS TYPES OF FLOOD PLAIN DEVELOPMENT Bridges and road embankments

72.5(455B) 72.6(455B) 72.7(455B) 72.8(455B) 72.9(455B) 72.10(455B) 72.11(455B) 72.12	Buildings Wastewater treatment facilities Sanitary landfills Water supply treatment facilities Stream protective devices Pipeline river or stream crossings Miscellaneous construction Reserved
72.13(455B) 72.14 to 72.29	Animal feeding operation structures Reserved
	DIVISION II GENERAL CRITERIA
72.30(455B)	General conditions
72.31(455B)	Variance
72.32(455B)	Protected stream information
72.33 to 72.49	Reserved
	DIVISION III
50 50 (455D)	PROTECTED STREAM DESIGNATION PROCEDURE
72.50(455B)	Protected streams
72.51(455B)	Protected stream designation procedure
72.52(455B)	Protected stream declassification procedure
USE. MA	CHAPTER 73 AINTENANCE, REMOVAL, INSPECTIONS, AND SAFETY OF DAMS
,	DIVISION I
	USE AND MAINTENANCE OF DAMS
73.1(109,455B)	Operating plan for dams with movable structures
73.2(109,455B)	Raising or lowering of impoundment levels
73.3 to 73.9	Reserved
	DIVISION II
	ABANDONMENT AND REMOVAL OF DAMS
73.10(109,455B)	Abandonment prohibited
73.11(109,455B)	Removal of dams
73.12 to 73.19	Reserved
	DIVISION III INSPECTION OF DAMS
73.20(109,455B)	Scope and purposes of dam safety inspection program
73.21(109,455B)	Types of inspections; when inspections are made
73.22(109,455B)	Duty of dam owner to maintain, investigate, inspect and report
73.23(109,455B)	Special inspections and investigations
73.24(109,455B)	Inspection by others
73.25(109,455B)	Access for inspections a condition of construction approval
73.26(109,455B)	Inspection reports
73.27 to 73.29	Reserved
	DIVISION IV
72 20(100 4550)	DESIGNATION OF UNSAFE DAMS
73.30(109,455B)	Procedures for designation of a dam as unsafe
73.31(109,455B)	Criteria for designating a dam as unsafe
73.32(109,455B)	Agency action concerning an unsafe dam
	CHAPTER 7A

CHAPTER 74 Reserved

MANAGEMENT	OF	SPECIFIC	FLOOD	PLAIN	AREAS

75.1(455B)	Applicability and purposes of chapter
75.2(455B)	Flooding characteristics
75.3(455B)	Area of regulation
75.4(455B)	Establishment of a floodway
75.5(455B)	Minimum standards for flood plain and floodway uses
75.6(455B)	Preexisting nonconforming development and associated uses
75.7(335,414,455B)	Delegation of authority to local governments by approval of local regulations
75.8(335,414,455B)	Review and approval of variances from local regulations
75.9(335,414,455B)	Notice of proposed department flood plain management order or proposed
	local flood plain regulation

CHAPTER 76

FEDERAL WATER RESOURCE PROJECTS

76.1(455B)	Referral of federal project
76.2(455B)	Solicitation of comments
76.3(455B)	Hearing
76.4(455B)	Formulation of comments
76.5(455B)	Transmittal of comments
76 6(455B)	Other coordination

CHAPTERS 77 to 79

Reserved

TITLE VI CERTIFICATION OF OPERATORS

CHAPTER 80 Reserved

CHAPTER 81

OPERATOR CERTIFICATION: PUBLIC WATER SUPPLY SYSTEMS AND WASTEWATER TREATMENT SYSTEMS

81.1(455B)	Definitions
81.2(455B)	General
81.3(455B)	Wastewater treatment plant grades
81.4(455B)	Water treatment plant grades
81.5(455B)	Water distribution system grades
81.6(455B)	Grade A classification
81.7(455B)	Operator education and experience qualifications
81.8(455B)	Certification and examination fees
81.9(455B)	Examinations
81.10(455B)	Certification by examination
81.11(455B)	Certification by reciprocity
81.12(455B)	Restricted and temporary certification
81.13(455B)	Certification renewal
81.14(455B,272C)	Continuing education
81.15(455B)	Upgrading of certificates
81.16(455B)	Operator by affidavit
81.17(455B,272C)	Disciplinary actions

CHAPTER 82 WELL CONTRACTOR CERTIFICATION

82.1(455B)	Definitions
82.2(455B)	General
82.3(455B)	Classification of well contractors
82.4 and 82.5	Reserved
82.6(455B)	Experience requirements
82.7(455B)	Certification and examination fees
82.8(455B)	Examinations
82.9(455B)	Certification by examination
82.10(455B)	Certification renewal
82.11(455B)	Continuing education
82.12(455B)	Certified well contractor obligations
82.13(455B)	Disciplinary actions
82.14(455B,272C)	Revocation of certificates
	CHAPTER 83

CHAPTER 83 LABORATORY CERTIFICATION

PART A GENERAL

83.1(455B) 83.2(455B)	Authority, purpose, and applicability Definitions
	PART B

	TAKI B
	CERTIFICATION PROCESS
83.3(455B)	Application for laboratory certification
83.4(455B)	Procedure for initial certification for laboratories analyzing solid waste and
	contaminated site program parameters
83.5(455B)	Procedures for certification of new laboratories or changes in certification
83.6(455B)	Laboratory recertification
83.7(455B)	Criteria and procedure for provisional, suspended, and revoked laboratory
	certification

CHAPTERS 84 to 89

Reserved

TITLE VII WATER POLLUTION CONTROL STATE REVOLVING FUND

CHAPTER 90

SCOPE OF TITLE — DEFINITIONS — FORMS

90.1(455B)	Scope of title
90.2(455B)	Definitions
90.3(455B)	Forms

CHAPTER 91

CRITERIA FOR RATING AND RANKING PROJECTS

FOR THE WATER POLLUTION CONTROL STATE REVOLVING FUND

91.1(455B)	Statutory authority
91.2(455B)	Scope of title
91.3(455B)	Purpose
91.4 and 91.5	Reserved
91.6(455B)	General information—priority rating system
91.7	Reserved
91.8(455B)	Project priority rating system

CLEAN WATER STATE REVOLVING FUND

92.1(455B)	Statutory authority
92.2(455B)	Scope of title
92.3	Reserved
92.4(455B)	General policy
92.5	Reserved
92.6(455B)	Intended use plan management
92.7(455B)	Point source project procedures
92.8(455B)	Point source project requirements

CHAPTER 93

NONPOINT SOURCE POLLUTION CONTROL SET-ASIDE PROGRAMS

93.1(4330,400)	Statutory authority
93.2(455B,466)	Scope of title
93.3(455B,466)	Purpose
93.4(455B,466)	Onsite wastewater system assistance program
93.5(455B)	Livestock water quality facilities requirements
93.6(455B)	Local water protection project requirements
93.7(455B)	General nonpoint source project requirements

CHAPTERS 94 to 99

Reserved

TITLE VIII SOLID WASTE MANAGEMENT AND DISPOSAL

CHAPTER 100

SCOPE OF TITLE — DEFINITIONS — FORMS — RULES OF PRACTICE

100.1(455B,455D)	Scope of title
100.2(455B,455D)	Definitions
100.3(17A,455B)	Forms and rules of practice
100.4(455B)	General conditions of solid waste disposal
100.5(455B)	Disruption and excavation of sanitary landfills or

CHAPTER 101

closed dumps

SOLID WASTE COMPREHENSIVE PLANNING REQUIREMENTS

101.1(455B,455D) I	Purpose
101.2(455B,455D) I	Definitions
101.3(455B,455D) V	Waste management hierarchy
101.4(455B,455D) I	Duties of cities and counties
101.5(455B,455D) (Contracts with permitted agencies
101.6(455B,455D) S	State volume reduction and recycling goals
101.7(455B,455D) H	Base year adjustment method
101.8(455B,455D) S	Submittal of initial comprehensive plans and comprehensive plan updates
101.9(455B,455D) I	Review of initial comprehensive plans and comprehensive plan updates
101.10(455B,455D)	Municipal solid waste and recycling survey
101.11(455B,455D)	Online database
101.12(455B,455D)	Solid waste comprehensive plan types
101.13(455B,455D)	Types of comprehensive plan submittals to be filed
101.14(455B,455D)	Fees for disposal of solid waste at sanitary landfills

CHAPTER 102 PERMITS

102.1(455B)	Permit required
102.2(455B)	Types of permits
102.3(455B)	Applications for permits
102.4(455B)	Preparation of plans
102.5(455B)	Construction and operation
102.6(455B)	Compliance with rule changes
102.7(455B)	Amendments
102.8(455B)	Transfer of title and permit
102.9(455B)	Permit conditions
102.10(455B)	Effect of revocation
102.11(455B)	Inspection prior to start-up
102.12(455B)	Primary plan requirements for all sanitary disposal projects
102.13(455B)	Operating requirements for all sanitary disposal projects
102.14(455B)	Emergency response and remedial action plans
	CHAPTER 103
	SANITARY LANDFILLS: COAL COMBUSTION RESIDUE
103.1(455B)	Coal combustion residue landfills
103.2(455B)	Emergency response and remedial action plans
103.3(455B)	Coal combustion residue sanitary landfill financial assurance
	CHAPTER 104
	ITARY DISPOSAL PROJECTS WITH PROCESSING FACILITIES
104.1(455B)	Scope and applicability
104.2(455B)	Dumping or holding floors or pits
104.3(455B)	Compaction equipment
104.4(455B)	Hammermills
104.5(455B)	Hydropulping or slurrying equipment
104.6(455B)	Air classifiers
104.7(455B)	Metals separation equipment
104.8(455B)	Sludge processing
104.9(455B)	Storage containers and facilities
104.10(455B)	Operating requirements for all processing facilities
104.11(455B)	Closure requirements
104.12 to 104.20	Reserved
104.21(455B)	Specific design requirements
104.22(455B)	Specific operating requirements for all recycling operations
104.23(455B)	Recycling operations processing paper, cans, and bottles
104.24(455B)	Closure requirements
104.25(455B)	Operator certification
104.26(455D)	Financial assurance for solid waste processing facilities
	CHAPTER 105 ORGANIC MATERIALS COMPOSTING FACILITIES
105.1(455B,455D)	
105.1(455B,455D) 105.2(455B,455D)	
	General requirements for all composting facilities not exempt pursuant to
105.5(455 D ,455 D)	105.2(455B,455D)
105.4(455B,455D)	Specific requirements for yard waste composting facilities
	Small composting facilities receiving off-premises materials
105 6(455B 455D)	Specific requirements for composting of dead farm animals

105.8(455B,455D)	Record-keeping requirements for solid waste composting facilities Reporting requirements for solid waste composting facilities Closure requirements for solid waste composting facilities Composting facility financial assurance Variances
CIT	CHAPTER 106
	TIZEN CONVENIENCE CENTERS AND TRANSFER STATIONS
106.1(455B)	Compliance
106.2(455B,455D)	
106.3(455B)	Citizen convenience center and transfer station permits
106.4(455B)	Citizen convenience center permit application requirements
106.5(455B)	Citizen convenience center operations
106.6(455B,455D)	
106.7(455B)	Citizen convenience center closure requirements Transfer station permit application requirements
106.8(455B) 106.9(455B)	Transfer station siting and location requirements
106.10(455B)	Transfer station design standards
106.11(455B)	Transfer station operating requirements
106.12(455B)	Temporary solid waste storage at transfer stations
106.13(455B,455D)	
106.14(455B,455D)	
106.15(455B)	Solid waste transport vehicle construction and maintenance requirements
106.16(455B)	Solid waste transport vehicle operation requirements
106.17(455B)	Transfer station closure requirements
106.18(455B)	Citizen convenience center and transfer station financial assurance
106.19(455B)	Emergency response and remedial action plans
	CHAPTER 107
	BEVERAGE CONTAINER DEPOSITS
107.1(455C)	Scope
107.2(455C)	Definitions
107.3(455C)	Labeling requirements
107.4(455C)	Redemption centers
107.5(455C)	Redeemed containers—use
107.6	Reserved
107.7(455C)	Redeemed containers must be reasonably clean
107.8(455C)	Interpretive rules
107.9(455C)	Pickup and acceptance of redeemed containers
107.10(455C)	Dealer agent lists
107.11(455C)	Refund value stated on containers—exceptions
107.12(455C)	Education
107.13(455C)	Refusing payment when a distributor discontinues a specific beverage product
107.14(455C)	Payment of refund value
107.15(455C)	Sales tax on deposits

BENEFICIAL USE DETERMINATIONS:

SOLID BY-PRODUCTS AS RESOURCES AND ALTERNATIVE COVER MATERIAL

108 1	(455B	455D)	Purpose

108.2(455B,455D) Applicability and compliance

108.3(455B,455D) Definitions

108.4(455B,455D) Universally approved beneficial use determinations

108.5(455B,455D) Application requirements for beneficial use determinations other than alternative cover material

108.6(455B,455D) Requirements for beneficial uses other than alternative cover material

108.7(455B,455D) Record-keeping and reporting requirements for beneficial use projects other than alternative cover material

108.8(455B,455D) Universally approved beneficial use determinations for alternative cover material

108.9(455B,455D) Beneficial use determination application requirements for alternative cover material

108.10(455B,455D) Beneficial use of alternative cover material and state goal progress

108.11(455B,455D) Revocation of beneficial use determinations

CHAPTER 109

SPECIAL WASTE AUTHORIZATIONS

109.1	(455B,4	455D)	Purpose
-------	---------	-------	---------

109.2(455B,455D) Special waste authorization required

109.3(455B,455D) Definitions 109.4 Reserved

109.5(455B,455D) Applications 109.6(455B,455D) Restrictions

109.7(455B,455D) Landfill responsibilities

109.8(455B,455D) Special waste generator responsibilities

109.9(455B,455D) Infectious waste

109.10(455B,455D) Other special wastes

109.11(455B,455D) Conditions and requirements for the disposal of general special wastes

CHAPTER 110

Reserved

CHAPTER 111

ANNUAL REPORTS OF SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS

111.1(455J)	Purpose
111.2(455J)	Role of the department
111.3(455J)	Applicability
111.4(455J)	Definitions
111.5(455J)	Submittal of annual reports
111.6(455J)	Contents of annual reports
111.7(455J)	Evaluation criteria
111.8(455J)	Evaluation outcomes

CHAPTER 112

Reserved

114.27(455B)

CHAPTER 113

SANITARY LANDFILLS FOR MUNICIPAL

SOLID WASTE: GROUNDWATER PROTECTION SYSTEMS FOR THE DISPOSAL OF NONHAZARDOUS WASTES

	NOTHINE INDOOR WISTES
113.1(455B)	Purpose
113.2(455B)	Applicability and compliance
113.3(455B)	Definitions
113.4(455B)	Permits
113.5(455B)	Permit application requirements
113.6(455B)	Siting and location requirements for MSWLFs
113.7(455B)	MSWLF unit design and construction standards
113.8(455B)	Operating requirements
113.9(455B)	Environmental monitoring and corrective action requirements for air quality and
	landfill gas
113.10(455B)	Environmental monitoring and corrective action requirements for groundwater
	and surface water
113.11(455B,455D)	Record-keeping and reporting requirements
113.12(455B)	Closure criteria
113.13(455B)	Postclosure care requirements
113.14(455B)	Municipal solid waste landfill financial assurance
113.15(455B,455D)	Variances
	CHAPTER 114
SANITA	ARY LANDFILLS: CONSTRUCTION AND DEMOLITION WASTES
114.1(455B)	Scope and applicability
114.1(455B) 114.2(455B)	Permit required
114.2(455B) 114.3(455B)	Types of permits
114.5(455B) 114.4(455B)	Applications for permits
114.4(455B) 114.5(455B)	Preparation of plans
114.5(455B) 114.6(455B)	Construction and operation
114.7(455B)	Compliance with rule changes Amendments
114.8(455B)	
114.9(455B)	Transfer of title and permit Permit conditions
114.10(455B)	
114.11(455B)	Effect of revocation
114.12(455B)	Inspection prior to start-up
114.13(455B)	Primary plan requirements for all sanitary disposal projects
114.14(455B)	Hydrologic monitoring system planning requirements
114.15(455B)	Soil investigation
114.16(455B)	Hydrogeologic investigation
114.17(455B)	Hydrologic monitoring system planning report requirements
114.18(455B)	Evaluation of hydrogeologic conditions
114.19(455B)	Monitoring system plan
114.20(455B)	Sampling protocol
114.21(455B)	Monitoring well maintenance and performance reevaluation plan
114.22(455B)	Monitoring well siting requirements
114.23(455B)	Monitoring well/soil boring construction standards
114.24(455B)	Sealing abandoned wells and boreholes
114.25(455B)	Variance from design, construction, and operation standards
114.26(455B)	General requirements for all sanitary landfills

Operating requirements for all sanitary disposal projects

114 29(455D)	Specific requirements for a conitary landfill propaging to accept only construction
114.28(455B)	Specific requirements for a sanitary landfill proposing to accept only construction and demolition waste
114.29(455B)	Operator certification
114.29(455B) 114.30(455B)	Emergency response and remedial action plans
114.31(455B)	Construction and demolition wastes sanitary landfill financial assurance
11 1.51(1552)	·
	CHAPTER 115
115 1(455D)	SANITARY LANDFILLS: INDUSTRIAL MONOFILLS
115.1(455B)	Scope and applicability
115.2(455B)	Permit required Types of permits
115.3(455B) 115.4(455B)	Applications for permits
115.4(455B) 115.5(455B)	Preparation of plans
115.6(455B)	Construction and operation
115.7(455B)	Compliance with rule changes
115.8(455B)	Amendments
115.9(455B)	Transfer of title and permit
115.10(455B)	Permit conditions
115.11(455B)	Effect of revocation
115.12(455B)	Inspection prior to start-up
115.13(455B)	Primary plan requirements for all sanitary disposal projects
115.14(455B)	Hydrologic monitoring system planning requirements
115.15(455B)	Soil investigation
115.16(455B)	Hydrogeologic investigation
115.17(455B)	Hydrologic monitoring system planning report requirements
115.18(455B)	Evaluation of hydrogeologic conditions
115.19(455B)	Monitoring system plan
115.20(455B)	Sampling protocol
115.21(455B)	Monitoring well maintenance and performance reevaluation plan
115.22(455B)	Monitoring well siting requirements
115.23(455B)	Monitoring well/soil boring construction standards
115.24(455B)	Sealing abandoned wells and boreholes Veriance from design, construction, and operation standards
115.25(455B) 115.26(455B)	Variance from design, construction, and operation standards General requirements for all sanitary landfills
115.20(455B) 115.27(455B)	Operating requirements for all sanitary disposal projects
115.27(455B) 115.28(455B)	Specific requirements for a sanitary landfill proposing to accept a specific type
113.20(433B)	of solid waste
115.29(455B)	Operator certification
115.30(455B)	Emergency response and remedial action plans
115.31(455B)	Industrial monofill sanitary landfill financial assurance
	CHAPTER 116
	REGISTRATION OF WASTE TIRE HAULERS
116.1(455B,455D)	
116.2(455B,455D)	
	Registration requirement
116.4(455B,455D)	
116.5(455B,455D)	
116.6(455B,455D)	
	Marking of equipment
	Disposition of waste tires collected
116.9(455B,455D)	Reporting requirements

CHAPTER 117 WASTE TIRE MANAGEMENT

	WASTE TIRE MANAGEMENT
117.1(455B,455D)	
117.2(455B,455D)	
	Waste tire disposal
	Waste tire storage permits and requirements
117.5(455B,455D)	Used tire storage
117.6(455B,455D)	Waste tire processing facility permits and requirements
117.7(455B,455D)	Financial assurance for waste tire sites
117.8(455B,455D)	Beneficial uses of waste tires
	CHAPTER 118
	DISCARDED APPLIANCE DEMANUFACTURING
118.1(455B,455D)	
	Applicability and compliance
118.2(455B,455D)	
	Storage and handling of appliances prior to demanufacturing
	Appliance demanufacturing permits
	Appliance demanufacturing permit application requirements
	Fixed facilities and mobile operations
118.8(455B,455D)	1
	Refrigerant removal requirements
118.10(455B,455D)	·
118.11(455B,455D)	
118.12(455B,455D)	
118.13(455B,455D)	•
118.14(455B,455D)	
118.15(455B,455D)	
118.16(455B,455D)	
(, ,	
	CHAPTER 119
	USED OIL AND USED OIL FILTERS
	Authority, purpose, and applicability
119.2(455D,455B)	
	Prohibited disposal
	Operational requirements for acceptance of used oil
	Operational requirements for acceptance of used oil filters
	Oil retailer requirements
	Oil filter retailer requirements
119.8(455D,455B)	
119.9(455D,455B)	Locating collection sites
	CHAPTER 120
-	LANDFARMING OF PETROLEUM CONTAMINATED SOIL
120.1(455B)	Purpose
120.2(455B)	Applicability and compliance
120.3(455B)	Definitions
120.4(455B)	Landfarming permits
120.5(455B)	Landfarm permit application requirements
120.5(455B) 120.6(455B)	PCS analysis and characterization
120.7(455B)	Site exploration and suitability requirements for landfarms
120.7(455B) 120.8(455B)	Landfarm design requirements
120.9(455B)	Landfarm operating requirements
	Zamaram Sporaming requirements

120.10(455B) 120.11(455B) 120.12(455B) 120.13(455B,455D	Emergency response and remedial action plans Reporting and record-keeping requirements Landfarm closure Financial assurance requirements for multiuse and single-use landfarms
	CHAPTER 121
	LAND APPLICATION OF WASTES
121.1(455B,17A)	Scope of title
121.2(455B)	Definitions
121.3(455B)	Application for permits and forms
121.4(455B)	Land application of solid wastes
121.5(455B)	Land application of solid wastes for home and certain crop use
121.6(455B)	Permit exemptions
121.7(455B)	Permit requirements
121.8(455B,455D)	Financial assurance requirements for land application of wastes
	CHAPTER 122
	CATHODE RAY TUBE DEVICE RECYCLING
122.1(455B,455D)	Purpose
	Applicability and compliance
122.3(455B,455D)	
	CRT recycling permits
	Registration for CRT collection facilities
	CRT collection and storage requirements for registered collection points
	Record-keeping requirements for CRT collection facilities
	CRT recycling facility permit application requirements
	Site requirements for CRT recycling facilities
122.10(455B,455D	
122.11(455B,455D)	
122.12(455B,455D	· · · · · · · · · · · · · · · · · · ·
122.13(455B,455D 122.14(455B,455D	
122.14(455B,455D 122.15(455B,455D	,
122.13(433D,433D	components for CRT recycling facilities
122.16(455B,455D	
122.10(1002,1002	recycling facilities
122.17(455B,455D	
122.18(455B,455D	
122.19(455B,455D	
122.20(455B,455D	
122.21(455B,455D	
122.22(455B,455D	
122.23(455B,455D	
122.24(455B,455D	Closure requirements for CRT recycling facilities
122.25(455B,455D	
	facilities
	CHADTED 122
	CHAPTER 123 REGIONAL COLLECTION CENTERS AND

REGIONAL COLLECTION CENTERS AND

MOBILE UNIT COLLECTION AND CONSOLIDATION CENTERS

123.1(455B,455D,455F) Purpose

123.2(455B,455D,455F) Definitions

123.3(455B,455D,455F) Requirements for satellite facilities

123.4(455B,455D,455F) Regional collection center and mobile unit collection and consolidation center permits		
123 5(455B 455D 4	455F) Permit application requirements for regional collection centers	
	455F) Permit application requirements for mobile unit collection and consolidation	
123.0(433D,433D,	,	
100 5 (4550 4550	centers	
	455F) Site selection	
123.8(455B,455D,4		
123.9(455B,455D,4	123.9(455B,455D,455F) Staff qualifications	
123.10(455B,455D	,455F) Plans and procedures	
123.11(455B,455D,455F) Emergency response and remedial action plans		
123.12(455B,455D,455F) Reporting requirements		
123.13(433B,433D	,455F) Financial assurance requirements for regional collection centers and mobile	
	unit collection and consolidation centers	
	CHAPTERS 124 to 129	
	Reserved	
	TITLE IX	
	SPILLS AND HAZARDOUS CONDITIONS	
	CIA - PETER 120	
	CHAPTER 130	
	Reserved	
	CIA - PETER 121	
	CHAPTER 131	
	NOTIFICATION OF HAZARDOUS CONDITIONS	
131.1(455B)	Definitions	
131.2(455B)	Report of hazardous conditions	
	•	
	CHAPTER 132	
	Reserved	
	CHAPTER 133	
	RULES FOR DETERMINING	
	CLEANUP ACTIONS AND RESPONSIBLE PARTIES	
133.1(455B,455E)	CELITION AND RESIGNABLE TARTIES	
, , ,	Scope	
133.2(455B,455E)	Scope Definitions	
133.2(455B,455E) 133.3(455B,455E)	Scope Definitions Documentation of contamination and source	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E)	Scope Definitions Documentation of contamination and source Response to contamination	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E)	Scope Definitions Documentation of contamination and source Response to contamination	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 OUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 OUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 PUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 UND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 PUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G) 134.4(455G)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 OUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure Suspension, revocation and denial of certification	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 PUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G) 134.4(455G)	Scope Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 OUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure Suspension, revocation and denial of certification	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G) 134.4(455G)	Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 PUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure Suspension, revocation and denial of certification Penalty PART B CERTIFICATION OF UST COMPLIANCE INSPECTORS	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G) 134.4(455G)	Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 UND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure Suspension, revocation and denial of certification Penalty PART B	
133.2(455B,455E) 133.3(455B,455E) 133.4(455B,455E) 133.5(455B,455E) 133.6(455B) UNDERGRO 134.1(455G) 134.2(455G) 134.3(455G) 134.4(455G) 134.5(455G)	Definitions Documentation of contamination and source Response to contamination Report to commission Compensation for damages to natural resources CHAPTER 134 PUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS PART A CERTIFICATION OF GROUNDWATER PROFESSIONALS Definition Certification requirements Certification procedure Suspension, revocation and denial of certification Penalty PART B CERTIFICATION OF UST COMPLIANCE INSPECTORS	

135.14(455B)

135.15(455B)

135.16(455B)

135.17(455B)

135.18(455B)

135.19(455B)

135.20(455B)

Action levels

Transitional rules

Out-of-service UST systems and closure

Compliance inspection of UST system

Evaluation of ability to pay

Laboratory analytical methods for petroleum contamination of soil and water

Analyzing for methyl tertiary-butyl ether (MTBE) in soil and groundwater samples

134.8(455B)	Temporary certification
134.9(455B)	Application for inspector certification
134.10(455B)	Training and certification examination
134.11(455B)	Renewal of certification
134.12(455B)	Professional liability insurance requirements
134.13(455B)	Licensed company
134.14(455B)	Compliance inspection
134.15(455B)	Disciplinary actions
134.16(455B)	Revocation of inspector certification or company license
	PART C
	LICENSING OF UST PROFESSIONALS
134.17(455B)	Definitions
134.18(455B)	Applicability of Part C
134.19(455B)	General licensing requirements
134.20(455B)	License renewal procedures
134.21(455B)	Conflict of interest
134.22(455B)	Duty to report
134.23(455B)	OSHA safety requirements
134.24(455B)	Installers
134.25(455B)	Testers
134.26(455B)	Liners
134.27(455B)	Installation inspectors
134.28(455B)	Removers
134.29(455B)	Disciplinary actions
	CHAPTER 135
	CAL STANDARDS AND CORRECTIVE ACTION REQUIREMENTS FOR
	NERS AND OPERATORS OF UNDERGROUND STORAGE TANKS
135.1(455B)	Authority, purpose and applicability
135.2(455B)	Definitions
135.3(455B)	UST systems—design, construction, installation and notification
135.4(455B)	General operating requirements
135.5(455B)	Release detection
135.6(455B)	Release reporting, investigation, and confirmation
135.7(455B)	Release response and corrective action for UST systems containing petroleum or
125 0(455D)	hazardous substances
135.8(455B)	Risk-based corrective action
135.9(455B)	Tier 1 site assessment policy and procedure
135.10(455B)	Tier 2 site assessment policy and procedure
135.11(455B)	Tier 3 site assessment policy and procedure
135.12(455B)	Tier 2 and 3 site classification and corrective action response
135.13(455B)	Public participation

137.9(455H)

137.10(455H)

137.11(455H)

CHAPTER 136

FINANCIAL RESPONSIBILITY FOR UNDERGROUND STORAGE TAI	NKS

136.1(455B)	Applicability
136.2	Reserved
136.3(455B)	Definition of terms
136.4(455B)	Amount and scope of required financial responsibility
136.5(455B)	Allowable mechanisms and combinations of mechanisms
136.6(455B)	Financial test of self-insurance
136.7(455B)	Guarantee
136.8(455B)	Insurance and risk retention group coverage
136.9(455B)	Surety bond
136.10(455B)	Letter of credit
136.11(455B)	Trust fund
136.12(455B)	Standby trust fund
136.13(455B)	Local government bond rating test
136.14(455B)	Local government financial test
136.15(455B)	Local government guarantee
136.16(455B)	Local government fund
136.17(455B)	Substitution of financial assurance mechanisms by owner or operator
136.18(455B)	Cancellation or nonrenewal by a provider of financial assurance
136.19(455B)	Reporting by owner or operator
136.20(455B)	Record keeping
136.21(455B)	Drawing on financial assurance mechanisms
136.22(455B)	Release from the requirements
136.23(455B)	Bankruptcy or other incapacity of owner or operator or provider of financial assurance
136.24(455B)	Replenishment of guarantees, letters of credit, or surety bonds
	CHAPTER 137
	IOWA LAND RECYCLING PROGRAM AND
	RESPONSE ACTION STANDARDS
137.1(455H)	Authority, purpose and applicability
137.2(455H)	Definitions
137.3(455H)	Enrollment in land recycling program
137.4(455H)	Background standards
137.5(455H)	Statewide standards
137.6(455H)	Site-specific standards
137.7(455H)	Institutional and technological controls
137.8(455H)	Site assessment
127 O(455TT)	D'I I ' '

CHAPTERS 138 and 139 Reserved

Risk evaluation/response action

Demonstration of compliance

No further action classification

TITLE X HAZARDOUS WASTE

CHAPTERS 140 to 143 Reserved

CHAPTER 144 HOUSEHOLD HAZARDOUS MATERIALS

144.1(455F)	Scope
144.2(455F)	Definitions
144.3(455F)	Household hazardous materials
144.4(455F)	Sign requirements
144.5(455F)	Consumer information material

CHAPTER 145 HOUSEHOLD BATTERIES

	HOUSEHUED BIH TERRES
145.1(455B,455D)	Scope
145.2(455B,455D)	Definitions
145.3(455B,455D)	Household batteries
145.4(455B,455D)	Recycling/disposal requirements for household batteries
145.5(455B.455D)	Exemptions for batteries used in rechargeable consumer products

CHAPTERS 146 to 148 Reserved

CHAPTER 149

FEES FOR TRANSPORTATION, TREATMENT AND DISPOSAL OF **HAZARDOUS WASTE**

	111 121 1112 0 0 0 11110 12
149.1(455B)	Authority, purpose and applicability
149.2	Reserved
149.3(455B)	Exclusions and effect on other fees
149.4(455B)	Fee schedule
149.5(455B)	Form, manner, time and place of filing
149.6(455B)	Identification, sampling and analytical requirements
149.7(455B)	Reporting and record keeping
149.8(455B)	Failure to pay fees
149.9(455B)	Suspension of fees

CHAPTERS 150 and 151 Reserved

CHAPTER 152

CRITERIA FOR SITING LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITIES

152.1(455B)	Authority, purpose and scope
152.2(455B)	Definitions
152.3(455B)	Siting criteria

CHAPTERS 153 to 208

Reserved

TITLE XI WASTE MANAGEMENT AUTHORITY

CHAPTER 209

SOLID WASTE ALTERNATIVES PROGRAM

209.1(455B,455E)	Goal
209.2(455B,455E)	Purpose
209.3(455B,455E)	Definitions
209.4(455B,455E)	Role of the department of natural resources
209.5(455B,455E)	Funding sources

209.6(455B,455E) 209.7(455B,455E) 209.8(455B,455E) 209.9(455B,455E) 209.10(455B,455E) 209.11(455B,455E) 209.12(455B,455E) 209.13(455B,455E) 209.14(455B,455E)	Type of financial assistance Loans Reduced award) Fund disbursement limitations) Minimum applicant cost share) Eligible costs) Ineligible costs
209.15(455B,455E	,
209.16(455B,455E) Proposals	
209.17(455B,455E	
209.18(455B,455E) Amendments
	CHAPTER 210
	Reserved
	CHAPTER 211 ASSISTANCE FOR THE COLLECTION OF HOUSEHOLD HAZARDOUS AND HAZARDOUS WASTE FROM CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS
211.1(455F)	Purpose
211.2(455F)	Definitions Rela of the department
211.3(455F) 211.4(455F)	Role of the department Funding sources
211.4(455F) 211.5(455F)	Eligible costs
211.6(455F)	Ineligible costs
211.7(455F)	Criteria for the selection of an RCC establishment grant
211.8(455F)	Grant denial
211.9(455F)	RCC and MUCCC household hazardous material disposal funding
	CHAPTER 212
	Reserved
	CHAPTER 213
	PACKAGING—HEAVY METAL CONTENT
213.1(455D)	Purpose
213.2(455D)	Applicability
213.3(455D)	Definitions
213.4(455D)	Prohibition—schedule for removal of incidental amounts
213.5(455D)	Certification of compliance
213.6(455D) 213.7(455D)	Exemptions Inspection and penalties
213.7(433D)	inspection and penalties
	CHAPTER 214
0141(455E)	HOUSEHOLD HAZARDOUS MATERIALS PROGRAM
214.1(455F)	Scope
214.2(455F)	Goal Definitions
214.3(455F) 214.4(455F)	Role of the department of natural resources
214.4(455F) 214.5(455F)	Funding sources
214.6(455F)	Household hazardous materials education
214.7(455F)	HHM education grants

215.9(455B)

214.8(455F)	Selection of TCD event host	
214.9(455F)	TCD events	
214.10(455F)	Selection of hazardous waste contractor	
CHAPTER 215		
MERCURY-ADDED SWITCH RECOVERY FROM END-OF-LIFE VEHICLES		
215.1(455B)	Purpose	
215.2(455B)	Compliance	
215.3(455B)	Definitions	
215.4(455B)	Plans for removal, collection, and recovery of mercury-added vehicle switches	
215.5(455B)	Proper management of mercury-added vehicle switches	
215.6(455B)	Public notification	
215.7(455B)	Reporting	
215.8(455B)	State procurement	
` /	•	

Future repeal of mercury-free recycling Act—implementation of national program