9.3(455B)

9.4(455B)

Procedures

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

OP	ERATION 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
()	6
	CHAPTER 2
	PUBLIC RECORDS AND FAIR INFORMATION PRACTICES (Uniform Rules)
2.1(17A,22)	Adoption by reference
	CHAPTER 3
SUBMI	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
	CHAPTER 5
	PETITIONS FOR RULE MAKING
5.1(17A)	Adoption by reference
	CHAPTER 6
	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)	racption by reference
	CHAPTER 8
CONTRAC	CTS FOR PUBLIC IMPROVEMENTS AND PROFESSIONAL SERVICES
8.1(17A)	Adoption by reference
	CHAPTER 9
Di	ELEGATION OF CONSTRUCTION PERMITTING AUTHORITY
9.1(455B)	Scope
9.2(455B,17A)	Forms
7.2(T33D,17A)	n 1

Criteria for permitting authority at local public works departments

9.5(455B)	Criteria for permitting authority at rural water systems
	No variance allowed
9.6(455B)	
9.7(455B)	Criteria for rescission or revocation of delegated permitting authority
	CILADTED 10
	CHAPTER 10
	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 CER	TIFICATION 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
	CIVA PETER AA
	CHAPTER 12
	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
12.1(13311)	Disclosure of violation
	CHAPTER 13
V	VAIVERS OR VARIANCES FROM ADMINISTRATIVE RULES
13.1(17A)	Adoption by reference
13.2(17A)	Report to commission
	CHAPTER 14
1.4.1/455D 455H)	ENVIRONMENTAL COVENANTS
14.1(455B,455H)	Definitions
14.2(455B,455H)	Environmental covenants
14.3(455B,455H)	Supporting documentation
14.4(455B,455H)	Recording and approval
14.5(455B,455H)	Mandatory provisions
14.6(455B,455H)	Optional provisions
14.7(455B,455H)	Modification and termination
14.8(455B,455H)	Signatories to the environmental covenant
14.9(455B,455H)	<u> </u>
14.9(433B,433H)	Notice
	CHAPTER 15
15 1(455D 554D)	CROSS-MEDIA ELECTRONIC REPORTING
15.1(455B,554D)	Purpose
	CHAPTER 16
D.T.	
RE	VOCATION, SUSPENSION, AND NONRENEWAL OF LICENSE
	FOR FAILURE TO PAY STATE LIABILITIES
16.1(272D,261)	Purpose and use
16.2(272D,261)	Definitions
16.3(272D,261)	Requirements of the department
, , , ,	1

16.4(272D,261) 16.5(272D,261)	No administrative appeal of the department's action District court hearing
17.1(455B) 17.2(455B) 17.3(455B) 17.4(455B)	CHAPTER 17 COMPLIANCE AND ENFORCEMENT PROCEDURES Scope Basis Option to respond Department discretion
	CHAPTERS 18 and 19 Reserved
	TITLE II AIR QUALITY
20.1(455B,17A) 20.2(455B)	CHAPTER 20 SCOPE OF TITLE—DEFINITIONS Scope of title Definitions
	CHAPTER 21
21.1(455B) 21.2(455B) 21.3(455B) 21.4(455B) 21.5(455B) 21.6(455B)	COMPLIANCE Compliance schedule Variances Emission reduction program Circumvention of rules Evidence used in establishing that a violation has or is occurring Temporary electricity generation for disaster situations
22.1(455B) 22.2(455B) 22.3(455B) 22.4(455B)	CHAPTER 22 CONTROLLING POLLUTION Permits required for new or existing stationary sources Processing permit applications Issuing permits Special requirements for major stationary sources located in areas designated
22.5(455B) 22.6 22.7(455B) 22.8(455B) 22.9(455B) 22.10(455B)	attainment or unclassified (PSD) Special requirements for nonattainment areas Reserved Alternative emission control program Permit by rule Special requirements for visibility protection Permitting requirements for country grain elevators, country grain terminal
22.10 (455B) 22.11 to 22.99 22.100(455B) 22.101(455B) 22.102(455B) 22.103(455B) 22.104(455B) 22.105(455B) 22.106(455B) 22.107(455B)	elevators, grain terminal elevators and feed mill equipment Reserved Definitions for Title V operating permits Applicability of Title V operating permit requirements Source category exemptions Insignificant activities Requirement to have a Title V permit Title V permit applications Annual Title V emissions inventory 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(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
22.128(455B)	Acid rain applications—requirement to apply
22.129(455B)	Information requirements for acid rain permit applications
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
22.132	Reserved
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 Reserved
22.147	
22.148(455B) 22.149 to 22.299	Sulfur dioxide opt-ins Reserved
22.300(455B)	Operating permit by rule for small sources
22.300(4 33 D)	Operating permit by full for small sources
	CHAPTER 23
	EMISSION STANDARDS FOR CONTAMINANTS
23.1(455B)	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
,	• •
	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
P	REVENTION 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 General
27.1(433B) 27.2(455B)	Certificate of acceptance
27.2(155B) 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
QUALIFICA	TION IN VISUAL DETERMINATION OF THE OPACITY OF EMISSIONS
29.1(455B)	Methodology and qualified observer
	CHAPTER 30
	FEES
30.1(455B)	Purpose
30.2(455B)	Fees associated with new source review applications
30.3(455B)	Fees associated with asbestos demolition or renovation notification
30.4(455B)	Fees associated with Title V operating permits
30.5(455B)	Fee advisory groups
30.6(455B)	Process to establish or adjust fees and notification of fee rates
30.7(455B)	Fee revenue
	CHAPTER 31
	NONATTAINMENT AREAS
31.1(455B)	Permit requirements relating to nonattainment areas
31.2	Reserved
21 2(455D)	NONATTAINMENT AREAS DESIGNATED ON OR AFTER MAY 18, 1998
31.3(455B)	Nonattainment new source review requirements for areas designated nonattainment
31.4(455B)	on or after May 18, 1998 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
02.0(.002)	To the Time Sumpring Transfer
	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
PROV	VISIONS FOR AIR QUALITY EMISSIONS TRADING PROGRAMS
34.1(455B)	Purpose
	CHAPTED 25
	CHAPTER 35
25 1(455D)	AIR EMISSIONS REDUCTION ASSISTANCE PROGRAM
35.1(455B)	Purpose Definitions
35.2(455B) 35.3(455B)	Role of the department of natural resources
35.4(455B)	Eligible projects
, ,	Forms
35.5(455B) 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
35.11(135B) 35.12(455B)	Applicant cost share
35.12(133B) 35.13(455B)	Eligible costs
35.14(455B)	Ineligible costs
35.15(455B)	Written agreement
35.16(455B)	Financial assistance denial
,	

CHAPTERS 36 and 37 Reserved

TITLE III WITHDRAWAL DIVERSION, STORAGE AND USE OF WATER DIVISION A

WATER WELL CONSTRUCTION: GENERAL STANDARDS AND REGISTRATION OF CONTRACTORS

CHAPTER 38

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 level (MCL), treatment technique (TT), and monitoring requirements
41.3(455B)	Maximum contaminant levels (MCLs) and monitoring requirements for inorganic
11.5(155B)	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(455B)	Groundwater rule: sanitary survey, microbial source water monitoring, treatment
41 0(455D)	technique
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)	Lead consumer notice and 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
T3.3(T33D)	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
	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
44 1(455D)	DRINKING WATER STATE REVOLVING FUND
44.1(455B) 44.2(455B)	Statutory authority Scope of title
44.714.1.1 D 1	SCODE OF HILE

44.3(455B) 44.4(455B) 44.5(455B) 44.6(455B) 44.7(455B) 44.8(455B)	Purpose Definitions Set-asides Eligibility Project point ranking system (project priority list) Intended use plan
44.9(455B) 44.10(455B)	Department initial approval of projects General administrative requirements
44.11	Reserved
44.12(455B)	Construction phase and postconstruction phase requirements
44.13(455B)	Sanctions
44.14(455B)	Disputes
	CHAPTERS 45 to 48
	Reserved
	CHAPTER 49
	NONPUBLIC WATER SUPPLY WELLS
49.1(455B)	Purpose
49.2(455B)	Definitions
49.3(455B)	Applicability
49.4(455B)	General
49.5(455B)	Variances
49.6(455B)	Location of wells
49.7(455B)	General construction requirements
49.8(455B)	Types of well construction
49.9(455B)	Material standards
49.10(455B)	Well reconstruction
49.11(455B)	Disposal of drilling mud
49.12(455B)	Pumps and pumping equipment
49.13(455B)	Drop pipe
49.14(455B)	Pump wiring
49.15(455B)	Pitless adapters and pitless units
49.16(455B)	Well caps and seals
49.17(455B)	Vents
49.18(455B)	Underground piping
49.19(455B)	Underground wiring Sampling faucets
49.20(455B) 49.21(455B)	Hydropneumatic (pressure) tanks
49.22(455B)	Electrical connections
49.23(455B)	Interconnections and cross connections
49.24(455B)	Backflow prevention for chemical injection systems for nonpotable water wells
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
` /	č

DIVISION C WITHDRAWAL, DIVERSION AND STORAGE OF WATER: WATER RIGHTS ALLOCATION

	CHAPTER 50	
SCOPE OF DIVISION—DEFINITIONS—FORMS—RULES OF PRACTICE		
50.1(455B)	Scope of division	
50.2(455B)	Definitions	
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	
	CHADTED 51	
	CHAPTER 51 WATER PERMIT OR REGISTRATION—WHEN REQUIRED	
51.1(455B) 51.2	Scope of chapter Reserved	
51.3(455B)	Diversion from surface into aquifer Drain tile lines	
51.4(455B) 51.5(455B)	Cooling/heating systems	
	Miscellaneous uses	
51.6(455B) 51.7(455B)	Excavation and processing of rock and gravel products	
51.8(159)	Agricultural drainage wells	
31.0(139)	Agricultural dramage wens	
	CHAPTER 52	
CRIT	ERIA AND CONDITIONS FOR AUTHORIZING WITHDRAWAL,	
	DIVERSION AND STORAGE OF WATER	
52.1(455B)	Scope of chapter	
52.2(455B)	Conditions on permitted water uses	
52.3(455B)	Conditions on withdrawals from streams	
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	
52.10(455B)	Priority allocation restrictions	
52.11(455B)	Plugging of abandoned wells	
52.12 to 52.20	Reserved	
52.21(455B)	Permits to divert water to an agricultural drainage well	
CHAPTER 53		
PROTECTED WATER SOURCES — PURPOSES — DESIGNATION PROCEDURES —		
INFORMATION IN WITHDRAWAL APPLICATIONS — LIMITATIONS — LIST OF PROTECTED SOURCES		
53.1(455B)	Scope of chapter	
53.2(455B)	Designation of protected sources	
53.2(455B) 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		
	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 AN	ND CONDITIONS FOR PERMIT RESTRICTIONS OR COMPENSATION BY		
	O 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		
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) 54.8(455B)	Settlement procedures Recurring complaints		
54.9(455B)	Variances		
54.10(455B)	Appeal procedures		
,			
	CHAPTER 55		
C	AQUIFER STORAGE AND RECOVERY: RITERIA AND CONDITIONS FOR AUTHORIZING STORAGE,		
C.	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		
SCO	PE OF TITLE—DEFINITIONS—FORMS—RULES OF PRACTICE		
60.1(455B,17A)	Scope of title		
60.2(455B)	Definitions		
60.3(455B,17A)	Wastewater forms		
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 Department audits of volunteer monitoring activities		
61.13(455B)	Department audits of volunteer monitoring activities		

CHAPTER 62		
EFFLUENT AND PRETREATMENT STANDARDS:		
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	
02.5(1552)	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	
02.0(133B)	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	
02.0(133B)	or pretreatment standards	
62.9(455B)	Disposal of pollutants into wells	
62.10(455B)	Effluent reuse	
02.10(1332)		
	CHAPTER 63	
	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	
63.15(455B)	Other noncompliance	
63.16(455B)	Sampling procedures for monitoring wells	
	CHAPTER 64	
	WASTEWATER CONSTRUCTION AND OPERATION PERMITS	
64.1	Reserved	
64.2(455B)	Permit to construct	
64.3(455B)	Permit to operate	
64.4(455B)	Issuance of NPDES permits	
64.5(455B)	Notice and public participation in the individual NPDES permit process	
64.6(455B)	Completing a Notice of Intent for coverage under a general permit	
64.7(455B)	Terms and conditions of NPDES permits	
64.8(455B)	Reissuance of operation and NPDES permits	
64.9(455B)	Monitoring, record keeping and reporting by operation permit holders	
64.10(455B)	Silvicultural activities	
64.11 and 64.12	Reserved	
64.13(455B)	Storm water discharges	
64.14(455B)	Transfer of title and owner or operator address change	
64.15(455B)	General permits issued by the department	

64.16(455B)	Fees		
64.17(455B)	Nutrient reduction exchange		
64.18(455B)	Validity of rules		
64.19(455B)	Applicability		
	CHAPTER 65		
	ANIMAL FEEDING OPERATIONS		
	DIVISION I CONFINEMENT FEEDING OPERATIONS		
65.1(459,459B)	Definitions and incorporation by reference		
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	Reserved		
65.5(459,459B)	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)	Confinement feeding operation and stockpile separation distance requirements		
65.12(459,459B)	Exemptions and variances to confinement feeding operation and stockpile		
	separation distance requirements and prohibition of construction on the one hundred year floodplain		
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)	Construction certification		
65.19(459,459B)	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(459A)	Definitions and incorporation by reference		
65.101(459A)	Minimum open feedlot effluent control requirements and reporting of releases		
65.102(459A)	Concentrated animal feeding operations; NPDES permits		
65.103(455B,459A	, <u> </u>		
65.104(455B,459A			
65.105(459A)	Construction permits		
65.106(459A)	Construction		
65.107(459A)	Construction permit application Water well constrain distances for onen feedlet energians		
65.108(455B,459A	Water well separation distances for open feedlot operations Settled open feedlot effluent basins—investigation, design and construction		
65.109(459A)	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		
65.115 to 65.199	Reserved	
	DIVISION III	
	ANIMAL TRUCK WASH FACILITIES	
65.200(459,459A)	Definitions and incorporation by reference	
65.201(459A)	Minimum animal truck wash effluent control requirements and reporting of releases	
65.202(459,459A)	Construction permits	
65.203(459A)	Construction	
65.204(459A)	Construction permit application	
65.205(459A)	Water well separation distances for animal truck wash facilities	
65.206(459A)	Unformed animal truck wash effluent structure—investigation, design and	
	construction requirements	
65.207(459A)	Construction certification	
65.208(459A)	Nutrient management plan requirements	
65.209(459A)	Complaint investigations	
65.210(455B,459A)	Transfer of legal responsibilities or title	
	CHAPTER 66	
	PESTICIDE APPLICATION TO WATERS	
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 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	
1 amogen treatment processes		
	CHAPTER 68	
(0.1(455D)	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 County obligations	
68.7(455B)	·	
68.8(455B) 68.9(455B)	Application sites and equipment inspections Standards for commercial cleaning of private sewage disposal systems	
68.10(455B)	Standards for disposal	
68.11(455B)	Standards for disposal Standards for disposal of on-farm food processing wastewater	
00.11(1 <i>00</i> D)	ouritaires for disposar of on farm food processing wastewater	
	CHAPTER 69	
	PRIVATE SEWAGE DISPOSAL SYSTEMS	
69.1(455B)	General	
69.2(455B)	Time of transfer inspections	

71.13(455B)

	69.3(455B)	Site analysis
	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)	Primary treatment—septic tanks
	69.9(455B)	Secondary treatment—subsurface soil absorption systems
	69.10(455B)	Mound systems
	69.11(455B)	At-grade systems
	69.12(455B)	Drip irrigation
	69.13(455B)	Packed bed media filters
	69.14(455B)	Aerobic treatment units
	69.15(455B)	Constructed wetlands
	69.16(455B)	Waste stabilization ponds
	69.17(455B)	Requirements for impervious vault toilets
	69.18(455B)	Requirements for portable toilets
	69.19(455B)	Other methods of wastewater disposal
	69.20(455B)	Disposal of septage from private sewage disposal systems
	69.21(455B)	Experimental private sewage disposal systems
	69.22(455B)	Variances
	(1 1)	
		TITLE V FLOODPLAIN DEVELOPMENT
		CHAPTER 70
		PE OF TITLE—DEFINITIONS—FORMS—RULES OF PRACTICE
	70.1(455B,481A)	Scope of title
	70.2(455B,481A)	Definitions
	70.3(17A,455B,481	
	70.4(17A,455B,481	
70.5(17A,455B,481A) Procedures for review of applications		
	70.6(17A,455B,481	(A) Appeal of initial decision
		CHAPTER 71
		FLOODPLAIN OR FLOODWAY DEVELOPMENT—
		WHEN APPROVAL IS REQUIRED
	71.1(455B)	Bridges, culverts, temporary stream crossings, and road embankments
	71.2(455B)	Channel changes
	71.3(455B)	Dams
	71.4(455B)	Levees or dikes
	71.5(455B)	Waste or water treatment facilities
	71.6(455B)	Sanitary landfills
	71.7(455B)	Buildings and associated fill
	71.8(455B)	Pipeline crossings
	71.9(455B)	Stream bank protective devices
	71.10(455B)	Boat docks
	71.10(455B) 71.11(455B)	Excavations
	71.12(455B)	Miscellaneous structures, obstructions, or deposits not otherwise provided for in other rules
	71 12(455D)	A nimed feeding energtion structures

Animal feeding operation structures

CHAPTER 72 CRITERIA FOR APPROVAL

	CHITZHATT ON ALTRO VIE	
	DIVISION I SPECIAL CRITERIA FOR VARIOUS TYPES OF FLOODPLAIN DEVELOPMENT	
72 1(455R)		
72.1(455B) Bridges and road embankments 72.2(455B) Channel changes		
72.2(133 B)		
72.4(455B)	Levees or dikes	
72.5(455B)	Buildings	
72.6(455B)	Wastewater treatment facilities	
72.7(455B)	Sanitary landfills	
72.8(455B)	Water supply treatment facilities	
72.9(455B)	Stream protective devices	
72.10(455B)	Pipeline river or stream crossings	
72.11(455B)	Miscellaneous construction	
72.12	Reserved	
72.13(455B)	Animal feeding operation structures	
72.14 to 72.29	Reserved	
	DILUCION II	
	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	
	PROTECTED STREAM DESIGNATION PROCEDURE	
72.50(455B)	Protected streams	
72.51(455B)	Protected stream designation procedure	
72.52(455B)	Protected stream declassification procedure	
	CHAPTER 73	
APPROVAL,	CONSTRUCTION, USE, MAINTENANCE, REMOVAL, INSPECTIONS, AND	
	SAFETY OF DAMS	
	DIVISION I	
70 1(455D)	SCOPE AND DEFINITIONS	
73.1(455B)	Scope and applicability	
73.2(455B)	Definitions	
73.3(455B)	Regulated dams	
73.4(455B)	Assignment of hazard potential	
73.5 to 73.9	Reserved	
	DIVISION II APPROVAL PROCESS	
73.10(455B)	Review and approval process for dam construction, modification, abandonment, or	
/3.10(4 33 b)	removal	
73.11(455B)	Water storage permits	
73.12 to 73.14	Reserved	
	DIVISION III	
50 15(455D)	CRITERIA FOR APPROVAL	
73.15(455B)	General criteria	
73.16(455B)	Lands, easements, and rights-of-way	
73.17(455B)	Emergency action plans for high hazard dams	
73.18(455B)	Encroachment on a confinement feeding operation structure	

73.19(455B)	Hydrologic and hydraulic criteria		
73.20(455B)	Spillway design requirements		
73.21(455B)	Embankment design requirements		
73.22(455B)	Operating plan		
73.23(455B)	Removal and abandonment of dams		
73.24 to 73.29	Reserved		
	DIVISION IV		
	DAM OWNERSHIP, INSPECTIONS, AND ENFORCEMENT		
73.30(455B)	Dam owner responsibilities		
73.31(455B)	Dam safety inspection program		
73.32(455B)	Raising or lowering of impoundment levels		
73.33(455B)	Unsafe dams		
	CHAPTED 74		
	CHAPTER 74		
	Reserved		
	CHAPTER 75		
	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(335,414,455E			
75.8(335,414,455E			
75.9(335,414,455E			
	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		
70.0(1 33 D)	Other coordination		
	CHAPTERS 77 to 79		
Reserved			
TITLE VI			
CERTIFICATION OF OPERATORS			
CHADTED OO			
CHAPTER 80 Reserved			
	Reserved		
	CHAPTER 81		
OP	ERATOR 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		

Wastewater treatment plant grades Water treatment plant grades

81.4(455B)

83.7(455B)

certification

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 certification
	Certification renewal
	Continuing education
	Upgrading of certificates
	Operator by affidavit
	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
	CHAPTED 02
	CHAPTER 83 LABORATORY CERTIFICATION
	LABORATORT CERTIFICATION
	PART A
92 1(455D)	GENERAL
83.1(455B)	Authority, purpose, and applicability
83.2(455B)	Definitions
	PART B
92 2(455D)	CERTIFICATION PROCESS Application for laboratory certification
83.3(455B)	•
83.4	Reserved Proceedings for contification of new laboratories on changes in contification
83.5(455B)	Procedures for certification of new laboratories or changes in certification
83.6(455B)	Laboratory recertification

CHAPTERS 84 to 89 Reserved

Criteria and procedure for provisional, suspended, and revoked laboratory

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

91.2(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	91.2(455B) Scope of title
91.4 and 91.5 Reserved 91.6(455B) General information—priority rating system 91.7 Reserved	71.2(155B) Scope of title
91.6(455B) General information—priority rating system 91.7 Reserved	91.3(455B) Purpose
91.7 Reserved	91.4 and 91.5 Reserved
711,	91.6(455B) General information—priority rating system
91.8(455B) Project priority rating system	91.7 Reserved
	91.8(455B) Project priority rating system

CHAPTER 92

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

Statutory authority

CHAPTER 93

NONPOINT SOURCE POLLUTION CONTROL SET-ASIDE PROGRAMS

())	
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—RULES OF PRACTICE

100.1(455B,455D)	Scope of title
100.2(455B,455D)	Definitions
100.3	Reserved

93.1(455B,466)

100.4(455B) General conditions of solid waste disposal

CHAPTER 101

101.1(455B,455D)	Purpose
101.2(455B,455D)	Definitions
101.3	Reserved
101.4(455B,455D)	Duties of cities and counties
101.5(455B,455D)	Contracts with permitted agencies
101.6(455B,455D)	State volume reduction and recycling goals
101.7(455B,455D)	Base year adjustment method
101.8(455B,455D)	Submittal of initial comprehensive plans and comprehensive plan updates
101.9(455B,455D)	Review of initial comprehensive plans and comprehensive plan updates
101.10 and 101.11	Reserved
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 AND RULES OF PRACTICE

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
102.15(455B)	Solid waste incinerator operator certification
102.16(455B)	Disruption and excavation of sanitary landfills or closed dumps
	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

CHAPTER 104 Reserved

CHAPTER 105 ORGANIC MATERIALS COMPOSTING FACILITIES

105.1(455B,455D)	General
105.2(455B,455D)	Exemptions
105.3(455B,455D)	General requirements for all composting facilities not exempt pursuant to
	567—105.2(455B,455D)
105.4(455B,455D)	Specific requirements for yard waste composting facilities
105.5(455B,455D)	Small composting facilities receiving off-premises materials
105.6(455B,455D)	Specific requirements for composting of dead farm animals

105 7(455B 455D)	Permit requirements for solid waste composting facilities
	Permit application requirements for solid waste composting facilities
	Specific operating requirements for permitted solid waste composting facilities
105.10(455B,455E	
105.10(455B,455E	, .
105.11(455B,455E	
105.12(155B,155E	
105.14(455B,455E	
105.15(455B,455E	
100.10(100B,100B	,
CI	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
. ,	Citizen convenience center reporting requirements
106.7(455B)	Citizen convenience center closure requirements
106.8(455B)	Transfer station permit application requirements
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	Reserved
107.2(455C)	Definitions
107.3(455C)	Labeling requirements
107.4(455C)	Redemption centers
107.5 to 107.7	Reserved
107.8(455C)	Miscellaneous requirements
107.9(455C)	Pickup and acceptance of redeemed containers by distributor
107.10(455C)	Dealer agent lists
107.11 and 107.12	
107.13(455C)	Refusing payment of the refund value
107.14(455C)	Payment of refund value by distributors
107.15(455C)	Sales tax on deposits
CHAPTER 108	
	BENEFICIAL USE DETERMINATIONS:
	PRODUCTS AS RESOURCES AND ALTERNATIVE COVER MATERIAL
108.1(455B,455D)	•
	Applicability and compliance
108.3(455B,455D)	Definitions

108.4(455B.455D)) Universally approved beneficial use determinations
	Application requirements for beneficial use determinations other than alternative cover material
108 6(455B 455D)	Requirements for beneficial uses other than alternative cover material
	Record-keeping and reporting requirements for beneficial use projects other than
106.7(4550,4550)	alternative cover material
108.8(455B.455D)	Universally approved beneficial use determinations for alternative cover material
	Beneficial use determination application requirements for alternative cover material
108.10(455B,455I	,
108.11(455B,455I	
,	CHAPTER 109
	SPECIAL WASTE AUTHORIZATIONS
109.1(455B,455D)	
) Special waste authorization required
109.3(455B,455D)	
109.5(133B,133B)	Reserved
109.5(455B,455D)	
109.6(455B,455D)	
) Landfill responsibilities
) Special waste generator responsibilities
) Infectious waste
	,
	O) Other special wastes
109.11(455B,455I	O) Conditions and requirements for the disposal of general special wastes
	CHAPTER 110
	Reserved
	CHAPTER 111
ANNHIAI DE	PORTS OF SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS
111.1(455J)	Purpose Polo of the department
111.2(455J)	Role of the department
111.3(455J)	Applicability Definitions
111.4(455J)	
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	
	CHAPTER 113
	SANITARY LANDFILLS FOR MUNICIPAL
SOI ID WAS	TE: GROUNDWATER PROTECTION SYSTEMS FOR THE DISPOSAL OF
NONHAZARDOUS WASTES	
113.1(455B)	Purpose
113.1(455B) 113.2(455B)	Applicability and compliance
	Definitions
113.3(455B)	
113.4(455B)	Permits Permit andication requirements
113.5(455B)	Permit application requirements
113.6(455B)	Siting and location requirements for MSWLFs
113.7(455B)	MSWLF unit design and construction standards

112 0(455D)		
113.8(455B)	Operating requirements	
113.9(455B)	Environmental monitoring and corrective action requirements for air quality and	
112 10(455D)	landfill gas	
113.10(455B)	Environmental monitoring and corrective action requirements for groundwater and surface water	
112 11(A55D A55D		
113.11(455B,455D	Record-keeping and reporting requirements Closure criteria	
113.12(455B)		
113.13(455B) 113.14(455B)	Postclosure care requirements Municipal solid waste landfill financial assurance	
113.14(455B) 113.15(455B,455D	•	
113.13(4330,4330	variances	
	CHAPTER 114	
SANIT	ARY LANDFILLS: CONSTRUCTION AND DEMOLITION WASTES	
114.1(455B)	Scope and applicability	
114.2(455B)	Permit required	
114.3(455B)	Types of permits	
114.4(455B)	Applications for permits	
114.5(455B)	Preparation of plans	
114.6(455B)	Construction and operation	
114.7(455B)	Compliance with rule changes	
114.8(455B)	Amendments	
114.9(455B)	Transfer of title and permit	
114.10(455B)	Permit conditions	
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	
114.27(455B)	Operating requirements for all sanitary disposal projects	
114.28(455B)	Specific requirements for a sanitary landfill proposing to accept only construction	
11.4.20(455D)	and demolition waste	
114.29(455B)	Operator certification	
114.30(455B)	Emergency response and remedial action plans	
114.31(455B)	Construction and demolition wastes sanitary landfill financial assurance	
	CHAPTER 115	
	SANITARY LANDFILLS: INDUSTRIAL MONOFILLS	
115.1(455B)	Scope and applicability	
115.2(455B)	Permit required	
115.3(455B)	Types of permits	
115.4(455B)	Applications for permits	

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
115.25(455B)	Variance from design, construction, and operation standards
115.26(455B)	General requirements for all sanitary landfills
115.27(455B)	Operating requirements for all sanitary disposal projects
115.28(455B)	Specific requirements for a sanitary landfill proposing to accept a specific type 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
117.1(455B,455D)	
117.2(455B,455D)	Definitions
	Waste tire disposal
	Waste tire storage permits and requirements
117.5(455B,455D)	
	Waste tire processing facility permits and requirements
	Financial assurance for waste tire sites
117.8(455B,455D)	Beneficial uses of waste tires

CHAPTER 118

	CHAPTER 118
	DISCARDED APPLIANCE DEMANUFACTURING
118.1(455B,455D)	Purpose
118.2(455B,455D)	Applicability and compliance
118.3(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)	
	Refrigerant removal requirements
118.10(455B,455D	-
118.10(455B,455D	
*	,
118.12(455B,455D	, •
118.13(455B,455D	,
118.14(455B,455D	,
118.15(455B,455D	
118.16(455B,455D	Appliance demanufacturing facility financial assurance requirements
	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
119.7(455D,455B)	Oil filter retailer requirements
119.8(455D,455B)	Tanks
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 applicator permits
120.5(455B)	Landfarm permit application requirements
120.6(455B)	PCS analysis and characterization
120.7(455B)	Site exploration and suitability requirements for landfarms
120.8(455B)	Landfarm design requirements
120.9(455B)	Landfarm operating requirements
120.10(455B)	Emergency response and remedial action plans
120.11(455B)	Reporting and record-keeping requirements
120.11(455B) 120.12(455B)	Landfarm closure
120.12(455B) 120.13(455B,455D	
120.13(433 D ,433L	
CHAPTER 121	
101 1/455D 174	LAND APPLICATION OF WASTES
121.1(455B,17A)	Scope of title
121.2(455B)	Definitions 1.6
121.3(455B) 121.4(455B)	Application for permits and forms Land application of solid wastes

121.5(455B) 121.6(455B) 121.7(455B) 121.8(455B,455D)	Land application of solid wastes for home and certain crop use Permit exemptions Permit requirements Financial assurance requirements for land application of wastes
	CHAPTER 122 CATHODE RAY TUBE RECYCLING
122.1(455D) 122.2(455D) 122.3(455D) 122.4(455D) 122.5(455D) 122.6(455D) 122.7(455D) 122.8(455D) 122.9(455D) 122.10(455D) 122.11(455D) 122.12(455D)	Purpose Applicability and compliance Definitions Short-term CRT collection events Registration for CRT collection facilities CRT recycling facility permits CRT recycling facility permit application requirements Discarded CRT management requirements Record-keeping requirements for CRT collection facilities Record-keeping requirements for CRT recycling facilities Reporting requirements Closure requirements for CRT recycling facilities
PEG	CHAPTER 123 IONAL COLLECTION CENTERS AND SATELLITE FACILITIES
123.1(455F) 123.2(455B,455D,4 123.3(455F) 123.4(455F) 123.5(455F) 123.6(455F) 123.7(455F)	Purpose
, ,	CHAPTERS 124 to 129 Reserved
	TITLE IX SPILLS AND HAZARDOUS CONDITIONS
	CHAPTER 130 Reserved
131.1(455B) 131.2(455B)	CHAPTER 131 NOTIFICATION OF HAZARDOUS CONDITIONS Definitions Report of hazardous conditions
	CHAPTER 132 Reserved

134.27(455B)

134.28(455B)

134.29(455B)

100 E (4 E E D 4 E E D	D	
133.5(455B,455E)	Renort to c	ommission
133.3(1331,1331	1 Report to c	OHIHHISSIOH

133.6(455B) Compensation for damages to natural resources

CHAPTER 134

UNDERGROUND STORAGE TANK LICENSING AND CERTIFICATION PROGRAMS

PART A

	PART A
	CERTIFICATION OF GROUNDWATER PROFESSIONALS
134.1(455B)	Definition
134.2(455B)	Certification requirements
134.3(455B)	Certification procedure
134.4(455B)	Suspension, revocation and denial of certification
134.5(455B)	Penalty
	PART B
	CERTIFICATION OF UST COMPLIANCE INSPECTORS
134.6(455B)	Definition
134.7(455B)	Certification requirements for UST compliance inspectors
134.8	Reserved
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)	Certified company
134.14(455B)	Responsibilities of compliance inspectors
134.15(455B)	Disciplinary actions
134.16(455B)	Revocation of inspector certification or company certification
	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

Installation inspectors

Disciplinary actions

Removers

CHAPTER 135

TECHNICAL STANDARDS AND CORRECTIVE ACTION REQUIREMENTS FOR OWNERS 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
	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
135.14(455B)	Action levels
135.15(455B)	Out-of-service UST systems, temporary closure, and permanent closure
135.16(455B)	Laboratory analytical methods for petroleum contamination of soil and water
135.17(455B)	Evaluation of ability to pay
135.18(455B)	Transitional rules
135.19(455B)	Analyzing for methyl tertiary-butyl ether (MTBE)
135.20(455B)	Compliance inspection of UST system
135.21(455B)	UST systems with field-constructed tanks and airport hydrant fuel distribution
	systems
	CHAPTER 136
FINAN	NCIAL RESPONSIBILITY FOR UNDERGROUND STORAGE TANKS

FINAN	ICIAL RESPONSIBILITY FOR UNDERGROUND STORAGE TANKS
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

137.1(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) 137.7(455H) 137.8(455H) 137.9(455H) 137.10(455H) 137.11(455H)	Site-specific standards Institutional and technological controls Site assessment Risk evaluation/response action Demonstration of compliance No further action classification
	CHAPTERS 138 and 139 Reserved
	TITLE X HAZARDOUS WASTE
	CHAPTERS 140 to 144 Reserved
	CHAPTER 145 HOUSEHOLD BATTERIES
145.1(455B,455D) 145.2(455B,455D) 145.3(455B,455D)	•
145.4(455B,455D) 145.5(455B,455D)	Recycling/disposal requirements for household batteries Exemptions for batteries used in rechargeable consumer products
	CHAPTERS 146 to 148 Reserved
FEE	CHAPTER 149 ES FOR TRANSPORTATION, TREATMENT AND DISPOSAL OF HAZARDOUS WASTE
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

CHAPTER 209

LANDFILL ALTERNATIVES FINANCIAL ASSISTANCE PROGRAMS

209.1(455B,455E)	Goal
209.2(455B,455E)	Purpose
209.3(455B,455E)	Definitions
209.4(455B,455E)	Role of the department
209.5(455B,455E)	Funding sources
209.6(455B,455E)	Reduced award
209.7(455B,455E)	Fund disbursement limitations
209.8(455B,455E)	Minimum cost share
209.9(455B,455E)	Denial of financial assistance
209.10(455B,455E)	Eligible costs
209.11(455B,455E)	Ineligible costs

209.11(455B,455E) Ineligible costs 209.12(455B,455E) Applications 209.13(455B,455E) Selection

209.14(455B,455E) Written agreement

209.15(455B,455E) Solid waste alternatives program Derelict building grant program

CHAPTER 210 Reserved

CHAPTER 211

FINANCIAL ASSISTANCE FOR THE MANAGEMENT OF HOUSEHOLD HAZARDOUS MATERIALS AND HAZARDOUS WASTE FROM VERY SMALL QUANTITY GENERATORS

211.1(455E,455F) Purpose
211.2(455E,455F) Definitions
211.3(455E,455F) Role of the department
211.4(455E,455F) Funding sources
211.5(455E,455F) Eligible costs
211.6(455E,455F) Ineligible costs

211.7(455E,455F) RCC and satellite facility financial assistance

211.8(455E,455F) Grant denial

211.9(455E,455F) RCC collection and disposal support 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)	Exemptions
213.7(455D)	Inspection and penalties