

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 54

Permit Modifications for Hazardous Waste Management Facilities

53 FR 37912-37942

September 28, 1988

as amended on October 24, 1988, at 53 FR 41649

(Non-HSWA Cluster V)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE

Note: The standards addressed by this checklist are less stringent than existing Federal requirements; thus, authorized States are not required to adopt them. However, EPA strongly encourages States to adopt this permit modification rule as promulgated. If preferred, States may amend their programs to incorporate only selected portions of the rule. See 53 FR 37933-37934 for a discussion of this option.

PART 124 - PROCEDURES FOR DECISIONMAKING

SUBPART A - GENERAL PROGRAM REQUIREMENTS

† MODIFICATION, REVOCATION AND REISSUANCE, OR TERMINATION OF PERMITS

add reference "or
270.42(c)"

124.5(c)(1)

210

✓

add references to
"Classes 1 and 2
modifications as
defined in §270.42
(a) and (b)"

124.5(c)(3)

210

✓

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART D - CONTINGENCY PLAN AND EMERGENCY PROCEDURES

† AMENDMENT OF CONTINGENCY PLAN

remove the comment

264.54(e)

210

✓

SUBPART G - CLOSURE AND POST-CLOSURE

† CLOSURE PLAN; AMENDMENT OF PLAN

add wording on
"notification" and
"review" to text

264.112(c)

210

✓

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
insert "notification of or" prior to "request"	264.112(c)(1)	210 ✓	✓		
insert "notification of or" prior to "request"	264.112(c)(2)	210 ✓	✓		
† POST-CLOSURE PLAN; AMENDMENT OF PLAN					
add wording on "notification" and "review" to text	264.118(d)	210 ✓	✓		
insert "notification of or" prior to "request"	264.118(d)(1)	210 ✓	✓		
insert "notification of or" prior to "request"	264.118(d)(2)	210 ✓	✓		

PART 265 - INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS
OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART G - CLOSURE AND POST-CLOSURE

† CLOSURE PLAN; AMENDMENT OF PLAN

revise last sentence of paragraph by deleting "major" and inserting "Class 2 or 3" preceding "modifi- cation" and delete reference to "\$270.41."	265.112(c)(3)	210 ✓	✓		
revise last sentence of paragraph by deleting "major" and inserting "Class 2 or 3" preceding "modifi- cation" and delete reference to "\$270.41."	265.112(c)(4)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE

replace "major
modification" with
"Class 2 or 3
modification" and
delete reference
to "§270.41"

265.118(d)(3)

210 ✓

✓

replace "major
modification" with
"Class 2 or 3
modification" and
delete reference
"§270.41."

265.118(d)(4)

210 ✓

✓

PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS
WASTE PERMIT PROGRAM

SUBPART A - GENERAL INFORMATION

† DEFINITIONS

add "Component"

270.2

210 ✓

✓

add "Facility
mailing list"

270.2

210 ✓

✓

add "Functionally
equivalent
component"

270.2

210 ✓

✓

† EFFECT OF A PERMIT

modification under
270.42

270.4(a)

210 ✓

✓

SUBPART C - PERMIT CONDITIONS

† CONDITIONS APPLICABLE TO ALL PERMITS

add provision for
270.42

270.30(l)(2)

210 ✓

✓

SUBPART D - CHANGES TO PERMITS

† TRANSFER OF PERMITS

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
renumber old 270.40 as 270.40(a); change parenthetical clauses	270.40(a)	210 ✓	✓		
ownership change procedures as Class 1 modifications	270.40(b)	210 ✓	✓		
† MODIFICATION OR REVOCATION AND REISSUANCE OF PERMITS					
remove "Major" from section heading; remove reference to 270.42; request of permittee, approval/ denial under 270.42	270.41	210 ✓	✓		
insert "by statute, through" before "promulgation"; insert "new or" before "amended"	270.41(a)(3)	210 ✓	✓		
remove (a)(5) and redesignate existing (a)(6) as (a)(5)	270.41(a)(5)	210 ✓	✓		
† PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE					
revise section heading; remove introductory material	270.42	210 ✓	✓		
putting into effect Class 1 modifications as listed in Appendix I	270.42(a)(1)	210 ✓	✓		
notification of Director by permittee	270.42(a)(1)(i)	210 ✓	✓		
to whom notice of modification must be sent and when	270.42(a)(1)(ii)	210 ✓	✓		
rejection of modifica- tion by Director	270.42(a)(1)(iii)	210 ✓	✓		
modifications requiring prior written approval	270.42(a)(2)	210 ✓	✓		
Class 2 procedures instead of Class 1 procedures	270.42(a)(3)	210 ✓	✓		
heading for "Class					

**RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)**

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
2 modifications"	270.42(b)	210 ✓	✓		
Class 2 modifications as listed in Appendix I	270.42(b)(1)	210 ✓	✓		
description of exact changes	270.42(b)(1)(i)	210 ✓	✓		
identification of Class 2 modification	270.42(b)(1)(ii)	210 ✓	✓		
why modification is needed	270.42(b)(1)(iii)	210 ✓	✓		
provision of applicable information	270.42(b)(1)(iv)	210 ✓	✓		
to whom notice must be sent and when	270.42(b)(2)	210 ✓	✓		
announcement of a 60-day comment period	270.42(b)(2)(i)	210 ✓	✓		
announcement of where and when public meeting will be held	270.42(b)(2)(ii)	210 ✓	✓		
name and phone number of permittee's contact person	270.42(b)(2)(iii)	210 ✓	✓		
name and phone number of Agency contact person	270.42(b)(2)(iv)	210 ✓	✓		
location for viewing modification request	270.42(b)(2)(v)	210 ✓	✓		
availability of permittee's compliance history	270.42(b)(2)(vi)	210 ✓	✓		
placement of modifica- tion request copy in vicinity of facility for public accessibility	270.42(b)(3)	210 ✓	✓		
when and where permittee must hold a public meeting	270.42(b)(4)	210 ✓	✓		
public comment period	270.42(b)(5)	210 ✓	✓		
requirements after receipt of modification request	270.42(b)(6)(i)	210 ✓	✓		
approve request, with or without changes	270.42(b)(6)(i)(A)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
deny request	270.42(b)(6)(i)(B)	210 ✓	✓		
determine if Class 3 modification pro- cedures are needed:	270.42(b)(6)(i)(C)	210 ✓	✓		
significant public concern	270.42(b)(6)(i)(C)(1)	210 ✓	✓		
complex nature of changes	270.42(b)(6)(i)(C)(2)	210 ✓	✓		
approve as temporary authorization	270.42(b)(6)(i)(D)	210 ✓	✓		
notify permittee that decision will be made in 30 days	270.42(b)(6)(i)(E)	210 ✓	✓		
requirements if decision is extended for 30 days:	270.42(b)(6)(ii)	210 ✓	✓		
approve request, with or without changes	270.42(b)(6)(ii)(A)	210 ✓	✓		
deny request	270.42(b)(6)(ii)(B)	210 ✓	✓		
determine if Class 3 modification pro- cedures are needed:	270.42(b)(6)(ii)(C)	210 ✓	✓		
significant public concern	270.42(b)(6)(ii)(C) (1)	210 ✓	✓		
complex nature of changes	270.42(b)(6)(ii)(C) (2)	210 ✓	✓		
approve as temporary authorization	270.42(b)(6)(ii)(D)	210 ✓	✓		
temporary or auto- matic authorization following failure to make decision	270.42(b)(6)(iii)	210 ✓	✓		
requirements of permittee under temporary or auto- matic authorization	270.42(b)(6)(iv)(A)	210 ✓	✓		
temporary authoriza- tion to conduct activities as in modification request	270.42(b)(6)(iv)(A) (1)	210 ✓	✓		
unless final approval or denial, authorization for life of permit	270.42(b)(6)(iv)(A) (2)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
deferment of permanent authoriza- tion if failure to notify public	270.42(b)(6)(iv)(B)	210 ✓	✓		
if no final approval or denial or reclassifi- cation, authority to conduct activities as described in modifica- tion request for life of permit unless later modification	270.42(b)(6)(v)	210 ✓	✓		
consideration and response to all significant comments	270.42(b)(6)(vi)	210 ✓	✓		
extension of time periods for final approval, denial or reclassification as Class 3	270.42(b)(6)(vii)	210 ✓	✓		
reasons to deny or change Class 2 permit modification terms	270.42(b)(7)	210 ✓	✓		
request is incomplete	270.42(b)(7)(i)	210 ✓	✓		
noncompliance with appropriate requirements	270.42(b)(7)(ii)	210 ✓	✓		
failure to protect human health and environment	270.42(b)(7)(iii)	210 ✓	✓		
commencement of construction under Class 2	270.42(b)(8)	210 ✓	✓		
heading for "Class 3 modifications"	270.42(c)	210 ✓	✓		
requirements for Class 3 modifications listed Appendix I	270.42(c)(1)	210 ✓	✓		
description of exact changes	270.42(c)(1)(i)	210 ✓	✓		
identification of Class 3 modification	270.42(c)(1)(ii)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
why modification is needed	270.42(c)(1)(iii)	210 ✓	✓		
provision of appli- cable information	270.42(c)(1)(iv)	210 ✓	✓		
to whom and when notice must be sent	270.42(c)(2)	210 ✓	✓		
announcement of a 60-day comment period	270.42(c)(2)(i)	210 ✓	✓		
announcement of when and where public meeting will be held	270.42(c)(2)(ii)	210 ✓	✓		
name and phone number of permittee's contact person	270.42(c)(2)(iii)	210 ✓	✓		
name and phone number of Agency contact person	270.42(c)(2)(iv)	210 ✓	✓		
location for viewing modification request	270.42(c)(2)(v)	210 ✓	✓		
availability of permittee's com- pliance history	270.42(c)(2)(vi)	210 ✓	✓		
placement of modifi- cation request copy in vicinity of facility for public accessibility	270.42(c)(3)	210 ✓	✓		
when and where permittee must hold a public meeting	270.42(c)(4)	210 ✓	✓		
public comment period	270.42(c)(5)	210 ✓	✓		
grant or deny modifi- cation request after public comment period; consider and respond to all significant written comments	270.42(c)(6)	210 ✓	✓		
heading for "Other modifications"	270.42(d)	210 ✓	✓		
other modifications not explicitly listed in Appendix I	270.42(d)(1)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
determination of appropriate class:	270.42(d)(2)	210 ✓	✓		
changes that necessitate Class 1 modifications	270.42(d)(2)(i)	210 ✓	✓		
changes that necessitate Class 2 modifications	270.42(d)(2)(ii)	210 ✓	✓		
variations in types and quantities of wastes managed	270.42(d)(2)(ii)(A)	210 ✓	✓		
technological advancements	270.42(d)(2)(ii)(B)	210 ✓	✓		
changes necessary to comply with new regulations	270.42(d)(2)(ii)(C)	210 ✓	✓		
Class 3 modifica- tions description	270.42(d)(2)(iii)	210 ✓	✓		
heading for "Tempo- rary authorizations"	270.42(e)	210 ✓	✓		
granting of tempo- rary authorizations	270.42(e)(1)	210 ✓	✓		
request for tempo- rary authorization:	270.42(e)(2)(i)	210 ✓	✓		
Class 2 modification meeting criteria	270.42(e)(2)(i)(A)	210 ✓	✓		
Class 3 modification meeting criteria and providing improved management or treatment	270.42(e)(2)(i)(B)	210 ✓	✓		
what temporary authorization request must include	270.42(e)(2)(ii)	210 ✓	✓		
description of activities	270.42(e)(2)(ii)(A)	210 ✓	✓		
why temporary autho- rization is necessary	270.42(e)(2)(ii)(B)	210 ✓	✓		
sufficient information to ensure compliance	270.42(e)(2)(ii)(C)	210 ✓	✓		
to whom notice must be sent	270.42(e)(2)(iii)	210 ✓	✓		
approve or deny temporary authoriza-					

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
tion quickly:	270.42(e)(3)	210 ✓	✓		
authorized activities in compliance with Part 264	270.42(e)(3)(i)	210 ✓	✓		
necessity of temporary authorization to achieve an objective:	270.42(e)(3)(ii)	210 ✓	✓		
facilitate closure or corrective action activities	270.42(e)(3)(ii)(A)	210 ✓	✓		
allow treatment or storage in tanks or containers of restricted wastes	270.42(e)(3)(ii)(B)	210 ✓	✓		
prevent disruption of ongoing activities	270.42(e)(3)(ii)(C)	210 ✓	✓		
respond to sudden changes in types or quantities of wastes managed	270.42(e)(3)(ii)(D)	210 ✓	✓		
protection of human health and environment	270.42(e)(3)(ii)(E)	210 ✓	✓		
reissuance of temporary authoriza- tion for Class 2 or 3	270.42(e)(4)	210 ✓	✓		
reissuance of Class 2 in accordance with specific paragraphs	270.42(e)(4)(i)	210 ✓	✓		
reissuance of Class 3 in accordance with specific paragraph	270.42(e)(4)(ii)	210 ✓	✓		
heading for "Public notice and appeals of permit modification decisions"	270.42(f)	210 ✓	✓		
when and to whom notification of grant, denial or automatic authoriza- tion decisions must be sent	270.42(f)(1)	210 ✓	✓		
appeal of grant or denial decision	270.42(f)(2)	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
appeal of automatic authorization	270.42(f)(3)	210 ✓	✓		
heading for "Newly listed or identified wastes"	270.42(g)	210 ✓	✓		
continued authority to manage wastes listed in Part 261:	270.42(g)(1)	210 ✓	✓		
in existence as a hazardous waste facility on effective date of final rule listing or identifying waste	270.42(g)(1)(i)	210 ✓	✓		
submit Class 1 modification request	270.42(g)(1)(ii)	210 ✓	✓		
in compliance with 265 standards	270.42(g)(1)(iii)	210 ✓	✓		
for Class 2 or 3 modifications, submit complete modification request within 180 days	270.42(g)(1)(iv)	210 ✓	✓		
certification that land disposal units are in compliance within 12 months	270.42(g)(1)(v)	210 ✓	✓		
expansions are not under 25 percent capacity limit for Class 2 modifications	270.42(g)(2)	210 ✓	✓		
maintenance and notice of updated list of permit modifications	270.42(h)	210 ✓	✓		
remove 270.42(i) through 270.42(o)	270.42(i)-(o)	210 ✓	✓		
add Appendix I; classification of modifications	270.42, Appendix I	210 ✓	✓		

RCRA REVISION CHECKLIST 54: Permit Modifications for Hazardous Waste
Management Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE

SUBPART F - SPECIAL FORMS OF PERMITS

†	HAZARDOUS WASTE INCINERATOR PERMITS				
	revise last sentence by omitting parenthetical phrase				
	270.62(a)	210	✓		
	revise last sentence by omitting "as a minor modification"				
	270.62(b)(10)	210	✓		
†	PERMITS FOR LAND TREATMENT DEMONSTRATIONS USING FIELD TEST OR LABORATORY ANALYSES				
	remove "as a minor modification"; add a new sentence on second phase of permit				
	270.63(d)(1)	210	✓		
	remove phrase on minor modifications				
	270.63(d)(2)	210	✓		
	remove paragraph				
	270.63(d)(3)	210	✓		

RCRA REVISION CHECKLIST 55

Statistical Methods for Evaluating Ground-Water Monitoring Data from Hazardous Waste Facilities

53 FR 39720-39731

October 11, 1988

(Non-HSWA Cluster V)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES					
SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS					
REQUIRED PROGRAMS					
definition of "detected" as in 264.98(f)	264.91(a)(1)	210 ✓	✓		
definition of "exceeded" as in 264.99(d)	264.91(a)(2)	210 ✓	✓		
GROUND-WATER PROTECTION STANDARD					
replace "entering" after 264.93 with "detected in"; in the last clause replace everything after "constituents have" with "been detected in the ground water."	264.92	210 ✓	✓		
remove "and" from end of paragraph redesignate 264.97(g)(3) as 264.97(a)(1)(i); sampling of wells not hydraulically upgradient	264.97(a)(1)	210 ✓	✓		
	264.97(a)(1)(i)	210 ✓	✓		

RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
tolerance or predic- tion interval procedure	264.97(h)(3)	210 ✓	✓		
control chart approach	264.97(h)(4)	210 ✓	✓		
another statistical method approved by the Regional Administrator	264.97(h)(5)	210	✓		
performance standards for statistical methods chosen under 264.97(h):	264.97(i)	210 ✓	✓		
appropriate for dis- tribution of chemical parameters or hazard- ous constituents; transformed or dis- tribution-free test	264.97(i)(1)	210 ✓	✓		
individual well comparison--0.01 Type I error; multiple compari- sons--0.05 Type I error, but maintain 0.01 Type I error for individual wells	264.97(i)(2)	210 ✓	✓		
for control chart approach, what must be approved by Re- gional Administrator	264.97(i)(3)	210 ✓	✓		
for tolerance or prediction interval, what must be approved by Regional Administrator	264.97(i)(4)	210	✓		
account for data below detection limit and require- ments	264.97(i)(5)	210	✓		

**RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)**

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
procedures to correct or control for seasonal and spatial variability	264.97(i)(6)	210 ✓	✓		
maintenance of ground-water monitoring data in facility operating record; when data must be reviewed	264.97(j)	210 ✓	✓		
DETECTION MONITORING PROGRAM					
ground-water monitor- ing program for each chemical parameter and hazardous con- stituent; record of ground-water analytical data	264.98(c)	210 ✓	✓		
Regional Administra- tor specifies fre- quency of samples and tests; four samples per well semi-annually	264.98(d)	210 ✓	✓		
determine if statistically sig- nificant evidence of contamination	264.98(f)	210 ✓	✓		
methods which can be used	264.98(f)(1)	210	✓		
determine evidence of contamination at each monitoring well at compliance point; time period deter- mined by Regional Administrator	264.98(f)(2)	210 ✓	✓		
what owner/operator must do if sta- tistically significant evidence of contamination	264.98(g)	210	✓		

RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
notification of Regional Administrator	264.98(g)(1)	210 ✓	✓		
immediate determina- tion if Appendix IX constituents are in ground water	264.98(g)(2)	210 ✓	✓		
for constituents found, resample in one month; if con- firmed, form basis of compliance moni- toring; no resample-- initial analysis is basis	264.98(g)(3)	210 ✓	✓		
application for permit modification	264.98(g)(4)	210 ✓	✓		
1 Appendix IX constituent concentration	264.98(g)(4)(i)	210 ✓	✓		
proposed changes to ground-water monitoring system	264.98(g)(4) (ii)	210 ✓	✓		
proposed additions or changes	264.98(g)(4) (iii)	210 ✓	✓		
proposed concentra- tion limit or notice of intent for alternate concentration limit	264.98(g)(4) (iv)	210 ✓	✓		
what must be sub- mitted within 180 days	264.98(g)(5)	210 ✓	✓		
data to justify alternate concen- tration limit	264.98(g)(5)(i)	210 ✓	✓		
engineering feasibility plan for corrective action	264.98(g)(5)(ii)	210 ✓	✓		
concentration of 264.98(g)(2) con- stituents does not exceed values of Table 1, 264.94	264.98(g)(5)(ii) (A)	210 ✓	✓		

RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
alternate concen- tration limit	264.98(g)(5)(ii) (B)	210 ✓	✓		
demonstration that a source other than regulated unit caused contamination	264.98(g)(6)	210 ✓	✓		
notify Regional Administrator of intent to submit demonstration	264.98(g)(6)(i)	210 ✓	✓		
report demonstrating that another source caused contamination or error in sampling, analysis or evaluation	264.98(g)(6)(ii)	210 ✓	✓		
application for permit modification	264.98(g)(6)(iii)	210 ✓	✓		
continue to monitor	264.98(g)(6)(iv)	210 ✓	✓		
what must be done if detection monitoring program no longer satisfies requirements	264.98(h)	210 ✓	✓		
delete paragraph	264.98(i)	210 ✓	✓		
delete paragraph	264.98(j)	210 ✓	✓		
delete paragraph	264.98(k)	210 ✓	✓		
COMPLIANCE MONITORING PROGRAM					
Regional Admin- istrator specifies procedures and statistical methods	264.99(c)	210 ✓	✓		
sampling program for each chemical parameter or hazard- ous constituent	264.99(c)(1)	210 ✓	✓		
records of ground- water analytical data	264.99(c)(2)	210 ✓	✓		

**RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)**

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
statistical evidence of increased contam- ination of any chemical parameter or hazardous constituent	264.99(d)	210 ✓	✓		
method(s) to deter- mine statistically significant evidence of increased contamination	264.99(d)(1)	210 ✓	✓		
within reasonable time period, deter- mine if statis- tically significant evidence of increased contamination at each monitoring well at compliance point	264.99(d)(2)	210 ✓	✓		
Regional Administrator specification of sample and test frequencies; four samples per well semi-annually	264.99(f)	210 ✓	✓		
annual analysis at each well's compli- ance point for all 264, Appendix IX constituents; pro- cedures regarding new constituents not in permit	264.99(g)	210 ✓	✓		

**RCRA REVISION CHECKLIST 55: Statistical Methods for Evaluating Ground-
Water Monitoring Data from Hazardous Waste Facilities (cont'd)**

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
remove old 264.99(h) and redesignate old 264.99(i) as 264.99(h); revise new 264.99(h)-- change "(h)" to "(d)"; replace "the ground-water protec- tion standard" with "any concentration limits under 264.94 are"; insert "or she" after "he"	264.99(h)	210 ✓	✓		
redesignate old 264.99(j) as 264.99(i); revise new 264.99(i)-- change "(h)" to "(d)"; replace "protection standard" with "concentration limits under this section are"; insert "or she" after "he"; revise rest of paragraph after "regulated unit caused" retaining clause "In making demonstration..."	264.99(i)	210 ✓	✓		
redesignate old 264.99(k) as 264.99(i)	264.99(i)	210 ✓	✓		
redesignate as 264.99(j) so that 264.99(k) no longer exists	264.99(k)	210 ✓	✓		
remove paragraph	264.99(l)	210 ✓	✓		

¹Note in line 2 there is a typographical error--"or" should be "of."

RCRA REVISION CHECKLIST 56

Identification and Listing of Hazardous Waste; Removal of
Iron Dextran from the List of Hazardous Wastes

53 FR 43878-43881

October 31, 1988

(Non-HSWA Cluster V)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES,
CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

†	remove listing	261.33(f)	210	✓
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The following waste has been removed from the 261.33(f) list:

"U139...9004-66-4...Iron dextran"

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

†	remove listing	Appendix VIII	210	✓
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The following waste has been removed from Appendix VIII:

"Iron dextran...Same...9004-66-4"

RCRA REVISION CHECKLIST 57

Identification and Listing of Hazardous Waste; Removal of Strontium Sulfide from the List of Hazardous Wastes

53 FR 43881-43884

October 31, 1988

(Non-HSWA Cluster V)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

† DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

remove listing	261.33(e)	210	✓
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The following waste has been removed from the 261.33(e) list:

"P107...1314-96-1...Strontium sulfide"

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

† remove listing	Appendix VIII	210	✓
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The following waste has been removed from Appendix VIII:

"Strontium sulfide...Same...1314-96-1"