

Chapter NR 724

**REMEDIAL AND INTERIM ACTION DESIGN, IMPLEMENTATION, OPERATION,
MAINTENANCE AND MONITORING REQUIREMENTS**

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Note: Chapter NR 724 as it existed on April 30, 1995 was repealed and a new chapter NR 724 was created effective May 1, 1995.

Note: Corrections made under s. 13.93 (2m) (b) 7., Stats., Register, February, 1997, No. 494.

NR 724.01 Purpose. The purpose of this chapter is to specify the requirements for the design, implementation, operation, maintenance and monitoring of remedial actions and certain types of interim actions. This chapter is adopted pursuant to ss. 227.11 (2), 287.03, 289.06 (1) and (2), ~~292.11, 292.15 and 292.31~~ and ch. 292, Stats.

~~**Note:** The following portions of 40 CFR part 280 have been included in the text of this chapter: portions of s. 280.34 (a) (3); and portions of s. 280.66 (a) and (b). Additional portions of s. 280.34 (a) (3) are included in chs. NR 706, 708, 716 and 722. Additional portions of s. 280.66 (a) and (b) are included in chs. NR 708 and 722.~~

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95; am. Register, February, 1996, No. 482, eff. 3-1-96.

NR 724.02 Applicability. (1) This chapter applies to all remedial actions and to the following types of interim actions taken by responsible parties, at sites, facilities or portions of a site or facility that are subject to regulation under ~~s. 292.11 or 292.31~~ ch. 292, Stats., regardless of whether there is direct involvement or oversight by the department:

(a) On-site treatment systems, including groundwater extraction and other remedial treatment systems.

(b) On-site engineering controls or barriers, including engineered landfill covers or groundwater barrier systems.

(c) Vapor mitigation systems.

Note: Remedial actions to actively remediate vapor contaminant sources fall under paragraphs (a) or (b).

~~(e)~~(d) Any other type of interim action when the department determines, on a case-by-case basis, that a design report required under s. NR 724.09 is necessary prior to implementation.

Note: This chapter does not apply to emergency or non-emergency immediate actions or to those types of interim actions that are not listed in s. NR 724.02 (1).

(2) The department may exercise enforcement discretion on a case-by-case basis and choose to regulate a site, facility or a portion of a site or facility under only one of a number of potentially applicable statutory authorities. However, where overlapping restrictions or requirements apply, the more restrictive requirements shall control. The department shall, after receipt of a written request and appropriate ch. NR 749 fee from a responsible party, provide a letter that indicates which regulatory program or programs the department considers to be applicable to a site or

facility.

Note: Sites, or facilities or portions of a site or facility that are subject to regulation under s. 292.11 ~~or 292.31~~ ch. 292, Stats., may also be subject to regulation under other statutes, including the solid waste statutes in ch. 289, Stats., or the hazardous waste management act, ch. 291, Stats., and the administrative rules adopted pursuant to those statutes. In addition, federal authorities such as CERCLA, RCRA, or TSCA may also apply to a site or facility or portions of a site or facility. One portion of a site or facility may be regulated under a different statutory authority than other portions of that site or facility.

Note: Persons who wish to conduct response actions that will ~~meet~~ be consistent with the requirements of CERCLA and the National Contingency Plan (NCP) may request that the department enter into a contract with them pursuant to s. 292.31 or a negotiated agreement under s. 292.11(7) (d), Stats. However, a CERCLA-quality response action will likely require compliance with additional requirements beyond those contained in chs. NR 700 to ~~728~~ 754 in order to ~~satisfy~~ be consistent with CERCLA and the NCP.

(3) This chapter applies to all remedial actions and to those types of interim actions that are specified in sub. (1) taken by the department under the authority of ~~s. 292.11 or 292.31~~ ch. 292, Stats. In this chapter, where the term "responsible parties" appears, it is to be read to include the department in situations where a department-funded response action is being taken.

(4) This chapter applies to all remedial action and to those types of interim actions that are specified in sub. (1) taken by persons seeking the liability exemption under s. 292.15, Stats. In this chapter, where the term "responsible parties" appears, it shall read to include the "~~purchaser~~" "voluntary parties" where an action is being taken to comply with s. 292.15.

NR 724.03 Definitions. The definitions in s. NR 700.03 apply to this chapter. In this chapter, where the term "responsible parties" appears, it shall be read to include "~~purchasers~~" "voluntary parties" where an action is being taken to comply with s. 292.15, Stats.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95; am., Register, February, 1996, No. 482, eff. 3-1-96.

NR 724.05 General submittal requirements. (1) SIMPLE SITES. ~~(a) Unless otherwise directed by the department, for response actions at sites or facilities classified as simple under s. NR 700.09 (1), responsible parties shall include the information that is required to be submitted under this chapter in the final report that accompanies the compliance letter that is required to be submitted to the department at the completion of the response action under s. NR 700.11 (1) (b), instead of submitting the plans and reports separately.~~

~~(b) Responsible parties who comply with the requirements in par. (a) shall include summaries of the design information required in s. NR 724.09, the operation and maintenance plan required in s. NR 724.13 (2), and the long-term monitoring plan required in s. NR 724.17 (2), where applicable, with the appropriate site progress reports submitted in accordance with the requirements of s. NR 700.11 (1) (a).~~

~~(c) Responsible parties who comply with the requirements in pars. (a) and (b) are exempt from the submittal time frames in sub. (2) and ss. NR 724.13 to 724.17, except for the requirements of s. NR 724.17 (3) (c) relating to submittals of monitoring results from private and public wells.~~

(2) COMPLEX SITES. (1) GENERAL REQUIREMENTS. Unless otherwise directed by the department, for sites or facilities classified as complex under s. NR 700.09 (2) and for sites and facilities where a responsible party chooses to proceed with the complex site process, responsible parties shall submit the plans and reports required by this chapter in compliance with all of the following requirements:

(a) The plans, reports and specifications required by ss. NR 724.09, 724.11, 724.13 (2) and 724.17 (2) shall be submitted simultaneously and may be combined in a single report.

(b) ~~Two copies~~ One paper copy and one electronic copy of each plan or report shall be submitted to the department, unless otherwise directed by the department.

Note: Electronic copies should be submitted in the Adobe Portable Document Format (PDF) on optical disk media. Guidance on electronic submittals can be accessed at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR690.pdf>.

(c) The department may require by the issuance of an administrative order or consent order that these plans and reports be prepared in accordance with a site-specific schedule.

(d) At sites or facilities where multiple remedial or interim actions are taken, all of the following requirements apply:

1. All submittals required by this chapter shall include a brief discussion of the interrelationship between the actions.

2. The design report required by s. NR 724.09 and the design plans and specifications required by s. NR 724.11 that are prepared for subsequent remedial or interim actions may include the design details for the subsequent action without repeating design work that was included in previous submittals to the department for other remedial or interim actions.

(e) Each submittal under this chapter shall include all of the following:

1. A brief cover letter that includes:

a. The month, day and year of the submittal.

b. The department-issued identification number for the site or facility.

c. The purpose of the submittal and the desired department action or response.

d. A brief narrative summarizing the contents of the submittal.

e. The regulatory status of the site or facility.

2. A report or plan that includes following general information:

a. Project title and purpose, including the department-issued identification number for the site or facility.

b. Name, address and telephone number of the property owner, lessee, operator or any individual or company responsible for the discharge of hazardous substances or environmental pollution on the site or facility.

c. Name, address and telephone number of any consultants or contractors involved with the response action at the site or facility.

d. Site name, address and location by, ~~at a minimum,~~ quarter-quarter section, township, range and county, geographic position determined in accordance with the requirements of s. NR 716.15(5)(d), and the latitude and longitude of the property. ~~The location of the site or facility shall be given in sufficient detail to allow department personnel to locate and inspect the site or facility.~~

e. A location map that meets the requirements of s. NR 716.15(2) (h) 1. NR 716.15 (4) (a).

f. Month, day and year of the submittal.

g. A summary of the nature and extent of contamination at the site or facility.

~~(3)~~**(2)** LEVEL OF DETAIL. (a) Nothing in this chapter shall be construed to require plans or reports that are more detailed or complex than is justified by the known scope of contamination or the complexity of the site or facility.

(b) The department may require additional information in the plans and report beyond what is specifically required under this chapter if necessary because of the complexity of the site or facility, or the degree and extent of the contamination.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95; am. (2) (a), Register, October, 1996, No. 490, eff. 11-1-96.

NR 724.07 Department response. (1) The department may direct responsible parties in writing that department approval of a plan or report is necessary prior to proceeding to the next step in the design, implementation or operation of a remedial action or interim action under this chapter. In such cases, the department shall provide a written acknowledgement of receipt of any report or plan submitted pursuant to this chapter within 30 days. The department acknowledgement shall include an estimated date for completion of department review.

(2) In cases where department approval is required for the reports or plans submitted under this chapter, the department may request additional information, require revisions, approve, conditionally approve or disapprove of the plans or reports. The department shall provide to the responsible parties, in writing, the reasons for any disapproval and the department may establish a deadline for providing revisions.

Note: The appropriate review fee specified in ch. NR 749 must accompany any request for the department to review a specific document.

Note: Persons who prepare the plans and reports required by this chapter should be aware that other department programs may also require the submittal, review and approval of plans and reports.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95.

NR 724.09 Design report. Unless otherwise directed by the department, responsible parties shall submit to the department a design report for all remedial actions and those interim actions specified in s. NR 724.02 (1), containing all of the following information:

(1) The information required in s. NR 724.05 ~~(2)~~ (1) (e).

(2) A brief description of the site or facility.

(3) A complete and detailed description of the remedial or interim action being designed.

(4) All engineering criteria, concepts, assumptions and calculations used in preparing the design, including adequate justification for their use.

(5) Any treatability study information, pilot test results, aquifer pumping test results or other test results utilized in the design, unless this information was previously submitted to the department.

Note: Treatability studies should be conducted as early in the response process as possible.

(6) A listing of all local, state and federal permits, licenses and approvals required to construct and implement the remedial or interim action.

(7) A brief description of the public health and environmental laws and standards applicable to the contamination and the interim or remedial action being implemented, including the physical location where the environmental standards shall be complied with for each medium of concern.

(8) A preliminary discussion of the types of, frequency of and schedule for monitoring of the remedial or interim action. This discussion shall address any water, soil, soil gas, air, vapor or other monitoring required for each component of the remedial or interim action.

(9) A preliminary discussion of planned operation and maintenance provisions.

Note: An operation and maintenance plan prepared in accordance with s. NR 724.13 (2) will satisfy the requirements of s. NR 724.09 (8) and (9), if submitted with the design report. In this case, the operation and maintenance plan should provide a complete, rather than a preliminary, discussion of the topics described in s. NR 724.09 (8) and (9).

(10) A proposed schedule for implementation of the remedial or interim action, which identifies timing for initiation and completion of all tasks. The proposed dates for completion of the remedial or interim action and major milestones shall be specified. The schedule shall include deadlines for all reports, plans and submittals required by the department.

(11) Discussion of any other relevant technical factors.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95.

NR 724.11 Design plans and specifications. Unless otherwise directed by the department, responsible parties shall submit to the department design plans and specifications for each remedial action and any of the interim actions specified in s. NR 724.02 (1). Plans and specifications shall:

(1) Be consistent with the concepts presented in the design report prepared under s. NR 724.09.

(2) Provide a general correlation between drawings and technical specifications.

(3) Include technical specifications and requirements necessary for all the components of the remedial or interim action.

(4) Include detailed drawings of the proposed design, including general component arrangements, equipment layout, process flow diagram, piping and instrumentation diagrams, cross sections, sampling locations and instrumentation locations.

(5) Show sufficient detail for construction, according to customary industrial and professional standards.

(6) Unless otherwise directed by the department, include legible visual aids, including maps, plan sheets, drawings, isometrics, cross sections and aerial photographs, which:

(a) Are no larger than 24 inches by 36 inches and no smaller than 8 1/2 inches by 11 inches.

(b) Are of appropriate scale to show all required details in sufficient clarity.

(c) Are numbered, titled, have a legend of all symbols used, contain horizontal and vertical scales where applicable, and specify drafting or origination dates and current drawing revision or issue status.

- (d) Use uniform, graphic scales.
- (e) Contain a north arrow, where appropriate.
- (f) Use national geodetic survey data as the basis for all elevations.
- (g) Show dimensions for location and placement of features or units and elevations that are based on permanent, retrievable surveying control monuments or stations.
- (h) Additionally, for solid or hazardous waste disposal facilities or, when directed by the department, for other land-based features being constructed at the site or facility as part of the response action:

1. Display a survey grid based on monuments established in the field which are referenced to state plane coordinates.
2. Show the survey grid location and reference major plan sheets on all cross sections.

Note: Examples of land-based features include covers, waste or soil piles, soil treatment piles, liners, landfills and features created by earth moving and regrading.

3. Include a reduced plan-view map on all sheets with cross sections indicating the location of the cross section.

(7) Include descriptions, specifications and performance criteria necessary for procurement, construction and start up of all features and units, including key components and all instrumentation. Performance curves or criteria published by equipment suppliers or manufacturers may be utilized if they provide sufficient information.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95.

NR 724.13 Operation and maintenance. (1) GENERAL. (a) Unless otherwise directed by the department, responsible parties shall conduct all necessary operation and maintenance activities in accordance with this section and in compliance with all applicable state or federal public health and environmental laws, whichever are more stringent, until all applicable public health and environmental laws are complied with as required in chs. NR 700 to ~~726~~754.

(b) ~~Unless otherwise directed by the department, responsible~~ Responsible parties shall operate and maintain any ~~final covers~~ cover systems, liners, physical hydraulic containment systems, leachate collection systems and gas collection, extraction and management systems at sites or facilities for which they are responsible, ~~for at least 30 years~~ until no longer required by the department.

(c) Responsible parties and property owners shall operate vapor mitigation systems for which they are responsible until no longer required by the department.

(d) Vapor mitigation systems and remedial actions designed to address vapor migration shall be monitored at a frequency determined by the department, to measure whether the action taken has been effective in meeting the vapor action level.

(2) OPERATION AND MAINTENANCE PLAN. Unless otherwise directed by the department, responsible parties shall submit to the department an operation and maintenance plan when on-site maintenance activities are necessary to implement, monitor or ensure the effectiveness of a remedial or interim action. The plan shall outline all operation, monitoring and maintenance activities, from design through case closure under ch. NR 726 or through post-closure under ch. NR 727, as appropriate, including all of the following information:

(a) The information specified under s. NR 724.05 ~~(2)~~(1) (e).

(b) A description of normal operation and maintenance, including a schedule showing the frequency of each operation and maintenance task.

(c) A contingency plan for any anticipated or potential operation and maintenance problems, including a description of techniques or activities to be conducted by the responsible parties to resolve operation and maintenance problems.

(d) A description of routine monitoring and analysis, including:

1. Long-term monitoring required under s. NR 724.17;
2. Laboratory or field tests, test methods and sampling methods; and
3. A schedule of monitoring frequency and dates.

(e) A description of any site-specific or facility-specific recordkeeping and reporting requirements to document operation and maintenance activities, including:

1. Mechanisms for reporting system failures, discharges of hazardous substances, environmental pollution and other emergencies; and

2. Reports to be submitted to the department, including the results of system and environmental monitoring and the results of the monitoring well inspections meeting the requirements of s. NR 716.13(7) (14).

(f) A location map that includes the locations and extent of features that need to be maintained, as well as the extent of contamination.

(g) Final construction specifications on any engineering control feature.

Note: Engineering controls may include, but are not limited to a cover, barrier or a vapor mitigation system.

(h) A list of prohibited activities.

(i) A contact for questions on specific actions and the inspection log.

(j) A statement of where more site-specific information may be found.

Note: More site-specific information may be found in the department's files.

(k) For vapor mitigation systems: a diagram and photographs showing piping, venting, fans and manometer locations, vent height and location, a description of how to verify that the vapor mitigation system is operating properly, identification of prohibited activities to ensure the continued effectiveness of the vapor mitigation system and direction to notify the department before any action is taken which would disturb operation of the vapor mitigation system.

(L) Air emission reporting and permitting, as applicable.

(m) Monthly manometer checks.

(n) Annual inspection of system parts.

(3) PROGRESS REPORTS. ~~Unless otherwise directed by the department, for sites or facilities classified as complex under s. NR 700.09 (2) and for sites or facilities where a responsible party chooses to proceed with the complex site process,~~ In addition to the general progress reporting requirements in s. NR 700.11, responsible parties shall submit ~~quarterly~~ semi-annual operation and maintenance progress reports to the department ~~in accordance with this subsection.~~

Progress reports shall be sequentially numbered, starting with the first report which is due no later than ~~3~~ 6 months after the remediation system begins operation, ~~and shall include all of the following:~~

~~(a) A brief discussion of the progress of the remediation system, including:~~

~~1. As applicable to the site or facility, total contaminant extraction and destruction to date in pounds of contaminant removed.~~

~~2. A discussion of any system operational problems, periods of shutdown, equipment malfunctions and any potential problems.~~

~~3. An overall evaluation of the effectiveness of the system, including an evaluation of whether or not any active remediation should be modified or turned off, based upon actual and projected contaminant destruction data, whether or not natural attenuation can be relied upon to effectively complete the remediation, whether or not natural attenuation monitoring will be required, and whether or not the site or facility is ready to apply for case closure under ch. NR 726.~~

~~4. Recommendations for future activities, if appropriate.~~

~~(b) A site map that indicates the location of pertinent equipment and sampling points at the site or facility.~~

~~(c) Sufficient tables, graphs and figures to efficiently and concisely summarize and portray relevant data and pertinent field measurements.~~

~~(d) Laboratory reports and chain of custody for any laboratory data, unless otherwise directed by the department.~~

~~(e) A completed remediation system~~ Information related to operation and maintenance reporting shall be provided on a reporting form supplied by the department, ~~to be submitted semi-annually for those sites or facilities with active engineered remediation systems or annually for those sites or facilities with passive remediation systems.~~ The department may require progress reports be submitted at a different frequency than semi-annually.

Note: Operation and maintenance progress reports should be submitted for both active and passive remediation systems. Progress reports required under this subsection are not the same as post-closure maintenance inspection logs for remedies such as performance standard covers.

Note: Copies of remediation system operation and maintenance reporting forms may be obtained from any regional office of the department, or by writing to the Department of Natural Resources,

Bureau for Remediation and Redevelopment, P.O. Box 7921, Madison, Wisconsin 53707, [or at http://dnr.wi.gov/org/aw/rr/archives/pubs/4400-194.pdf](http://dnr.wi.gov/org/aw/rr/archives/pubs/4400-194.pdf). (Need to update link when form is finalized)

(f) Any other pertinent information or data.

(4) OPERATION AND MAINTENANCE PLAN REVISIONS. When warranted by changes in the design, operation or maintenance of the interim or remedial action, or when requested by the department, responsible parties shall revise the appropriate section of the operation and maintenance plan. Plan revisions shall be submitted to the department and shall:

(a) Include the information required in s. NR 724.05 ~~(2)~~ **(1)** (e).

(b) Be numbered with a revision number.

(c) Document any changes in the time of anticipated case closure ~~and any conditions the department may place on case closure under ch. NR 726.~~

(d) Document any changes in the design, operation, maintenance or monitoring of the interim or remedial action.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95; am. (3) (a) 1., 2. and 3., renum. (3) (e) to be (3) (f) and cr. (3) (e), Register, October, 1996, No. 490, eff. 11-1-96; correction in (4) made under s. 13.93 (2m) (b) 1., Stats., Register, October, 1999, No. 526.

NR 724.15 Documentation of construction and completion. (1) Unless otherwise directed by the department, responsible parties shall submit to the department a construction documentation or as-built report within 60 days after the date that construction of a remedial action or any interim action specified in s. NR 724.02 (1) is completed or determined to be essentially complete by the department.

(2) The report shall document that the completed final remedial or interim action meets or exceeds all design criteria and the plans and specifications developed in accordance with all of the requirements of this chapter.

(3) Unless otherwise directed by the department, the construction documentation report shall include all of the following information:

(a) The information specified under s. NR 724.05 ~~(2)~~ **(1)** (e).

(b) As-built maps, plan sheets, drawings, isometric drawings and cross sections.

(c) A synopsis of the remedial or interim action and a certification that the design and construction was carried out in accordance with the plans and specifications.

(d) An explanation of any minor changes to the plans and why these were necessary for the project.

(e) Results of all pilot and field tests or studies and site monitoring conducted during construction.

(f) A brief description of the public health and environmental laws applicable to the contamination and the interim or remedial action selected, including the physical location where the environmental laws shall be complied with for all media of concern.

(g) The information required in ch. NR 516 for documenting the construction at the site or facility of any final covers, liners, leachate collection systems and gas collection, extraction and management systems.

(h) A revised operations and maintenance plan in accordance with s. NR 724.13 (4), unless the cover letter indicates that there are no revisions to the operations and maintenance plan.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95.

NR 724.17 Long-term monitoring. (1) GENERAL. Responsible parties shall conduct all necessary and appropriate long-term monitoring at a site or facility in accordance with all of the requirements of this section and any other applicable public health and environmental laws.

(2) LONG-TERM MONITORING PLAN. Unless otherwise directed by the department, the responsible parties shall submit a long-term monitoring plan to the department that specifies:

(a) The parameters to be monitored;

(b) The sampling and analytical methods to be used, consistent with the sampling and analysis requirements in s. NR 716.13;

(c) The interval at which monitoring is to be performed; and

(d) The public health and environmental laws, including standards, to be complied with.

Note to reader: Sub-section (3) has been reformatted to include all the general requirements in the first section.

(3) LONG-TERM MONITORING RESULTS. (a) ~~Unless otherwise directed by the department, responsible~~ **Responsible** parties shall submit a ~~written~~ monitoring results report to the department after any sampling, ~~unless otherwise directed by the department.~~ **Responsible parties shall submit the monitoring results report, including results from private and public wells, within 10 business days of receiving the sample results. Monitoring results shall be submitted in accordance with s. NR 716.14.**

Note: Section 292.11, Stats. and ch. NR 706 require that the department be notified immediately of any hazardous substance discharge.

Note: Section NR 716.14 requires the submittal of specific monitoring result information in a letter or on a form provided by the department.

(b) The report shall include all of the following information:

1. The information specified under s. NR 724.05 ~~(2)~~ **(1)** (e).

2. Sampling results ~~on forms provided by the department or in an alternate format approved in advance by the department. The department recommends that groundwater monitoring results be submitted to the department in an electronic (i.e., computer disk) format. However, hard copy (i.e., paper) forms may be used for the submittal of groundwater monitoring results.~~

Note: Hard copy forms may be obtained from any district office of the department, or by writing the Department of Natural Resources, Bureau for Remediation and Redevelopment, P.O. Box 7921, Madison, WI 53707.

3. Monitoring results in tabular and graph form, including the current monitoring results and all previous results, so as to provide a concise summary of the monitoring program.

Note: Long term monitoring for groundwater includes groundwater table elevation data. This data is used for the system effectiveness reporting required by s. NR 724.13 as well as for the assessment used to determine what attenuation processes are occurring at the site.

4. Laboratory analytical reports and sample chain-of-custody forms, unless otherwise directed by the department.

5. Identification of any specific environmental standards that have been attained or exceeded and an indication on a site or facility map of the location where the standards have been attained or exceeded.

6. A preliminary analysis of the cause and significance of any concentrations that attain or exceed specific environmental standards and any increases in concentrations of substances that previously attained or exceeded specific environmental standards, including the factors specified in s. NR 140.24 (1) (c) 1. to ~~9~~ **10**. for groundwater.

~~(b) Responsible parties shall submit the monitoring results report to the department within 60 days of the date any sampling is completed, except as provided in par. (c).~~

~~(c) Monitoring results from private and public wells shall be submitted to the department, in accordance with s. NR 716.13 (9).~~

Note: Section 292.11, Stats., and ch. NR 706 require that the department be notified immediately of any hazardous substance discharge.

(4) DEPARTMENT REVIEW. (a) The department shall review **and respond to** the results of long-term monitoring **data every 5 years**, if requested to do so by the responsible parties, to evaluate the effectiveness of the remedial action in achieving the environmental and public health laws.

Note: The appropriate review fee specified in ch. NR 749 must accompany any request for the department to evaluate environmental data.

(b) The department may review long-term monitoring results at other times at its discretion.

(c) The department may require additional remedial action, pursuant to ~~s. 292.11, Stats., or a contract under s. 292.31~~ **ch. 292**, Stats., based on the evaluation of monitoring results.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95; cr. (3) (a) 3. (note), Register, October, 1996, No. 490, eff. 11-1-96.

NR 724.19 Application of new soil or groundwater quality **environmental standards.** (1) If, after a remedial action selected in accordance with the requirements of ch. NR 722 is implemented, ~~the soil cleanup~~ **any applicable environmental** standards in ch. NR 720 or the groundwater quality standards in ch. NR 140 are modified by the department to be more

stringent, or if ~~soil or groundwater quality~~ additional environmental standards are promulgated for ~~additional substances~~, the department shall require responsible parties to comply with the new or modified ~~soil or groundwater quality~~ environmental standards if the department determines that, for a specific site or facility, compliance with the more stringent standards is necessary to ensure that the interim action or remedial action will be protective of public health, safety and welfare and the environment.

(2) If, after a remedial action selected in accordance with ch. NR 722 is implemented, ~~the soil cleanup standards in ch. NR 720 or the groundwater quality~~ any applicable environmental standards in ch. NR 140 are modified by the department to be less stringent, the department shall approve of case closure if requested by responsible parties once the new, less stringent standards are achieved, if the department determines that the new, less stringent standards will be protective of public health, safety and welfare and the environment at a specific site or facility that is the subject of a case closure request under ch. NR 726.

History: Cr. Register, April, 1995, No. 472, eff. 5-1-95.
Register, October, 1999, No. 526