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SUBCHAPTER 1 GENERAL INFORMATION

7:26E-1.1 Scope

(a) This chapter constitutes the minimum technical requirements to investigate and remediate contamination at any site.

(b) Any remediation performed pursuant to this chapter shall not relieve any person from:

1. Complying with more stringent requirements or provisions imposed by any other Federal, State or local applicable statutes or regulations; or
2. Obtaining any and all permits required by State, Federal or local statute or regulation, except as expressly provided herein.

(c) No provision of this chapter shall be construed to limit the Department's authority to require additional remediation based upon site-specific conditions in order to protect human health and the environment.

7:26E-1.2 Liberal construction

These rules, being necessary to promote the public health and welfare, shall be liberally construed in order to permit the Commissioner and the Department to effectuate the purposes of N.J.S.A. 13:1D-1 et seq., 13:1E-1 et seq., 13:1K-6 et seq., 58:10-23.11a et seq., 58:10A-1 et seq., and 58:10A-21 et seq.

7:26E-1.3 Applicability

(a) This chapter establishes the minimum technical requirements that form the basis of the Department's review of the remediation of any contaminated site in New Jersey, including, without limitation, those sites and activities subject to:

1. The Industrial Site Recovery Act (ISRA);
2. The New Jersey Underground Storage of Hazardous Substances Act (UST);
3. The Spill Compensation and Control Act;
4. The Solid Waste Management Act;
5. The Water Pollution Control Act;
6. The Resource Conservation and Recovery Act (RCRA);
7. The Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by Superfund Amendments and Reauthorization Act of 1986 (42 U.S.C. §§ 9601 et seq.) (CERCLA); and

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8. The Brownfield and Contaminated Site Remediation Act.

(b) Any person seeking Department review of work undertaken pursuant to this chapter shall:

1. Execute an oversight document with the Department pursuant to N.J.A.C. 7:26C;
2. Comply with the requirements of N.J.A.C. 7:26B; or
3. Comply with the requirements of N.J.A.C. 7:14B.

(c) The requirements of this chapter are applicable as follows:

1. For any site at which a particular phase of remediation was commenced prior to July 1, 1993, the Department shall evaluate such work to determine whether the work is in substantial compliance with this chapter, as originally adopted effective June 7, 1993 (see 25 N.J.R. 2881(b)), and therefore acceptable to the Department.

2. Any work conducted after adoption publication date shall be in full compliance with this chapter, except that work conducted pursuant to workplans which were submitted to the Department prior to adoption publication date may be conducted pursuant to N.J.A.C. 7:26E in effect as of August 2, 1999, as long as work is conducted within six months of Department approval of the workplan.

(d) The person responsible for conducting the remediation of a site shall remediate:

1. To meet the remediation standards at N.J.A.C. 7:26D and the impact to ground water soil remediation standards set by the Department for a particular site pursuant to its authority under N.J.S.A. 58:10B-12a; or

2. To meet the standards or criteria developed by the Department under N.J.S.A. 58:10B-12a for that site prior to June 2, 2008 provided:

i. A remedial action workplan or a remedial action report containing standards or criteria developed for the site under N.J.S.A. 58:10B-12a is submitted to the Department before December 2, 2008;

ii. The remedial action workplan or a remedial action report meets the requirements of N.J.A.C. 7:26E-6; and

iii. The standards or criteria developed by the Department under N.J.S.A. 58:10B-12a for the site are not greater by an order of magnitude or more, than the soil remediation standards otherwise applicable under N.J.A.C. 7:26D.

(e) All applicable remediation standards and remedial actions that involve real property located in the Pinelands area shall be consistent with the provisions of the Pinelands Protection

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Act, N.J.S.A. 13:18A-1 et seq. and any rules promulgated pursuant thereto, and with section 502 of the National Parks and Recreation Act of 1978, 16 U.S.C. §4711.

7:26E-1.4 Notification and Public Outreach

(a) Immediately after a discharge commences, any person or persons responsible for a discharge who knows or should reasonably know of a discharge shall immediately notify the Department by following the requirements of the Discharge of Petroleum and Other Hazardous Substances rules at N.J.A.C. 7:1E-5.3.

(b) The person responsible for conducting the remediation shall immediately notify the assigned Department case manager, or the hotline at 1-877 WARNDEP or 1-877-927-6337 if a case manager for the site has not been assigned or the case manager is unavailable when:

1. Contamination is identified that has been caused by a discharge that is not already known to the Department; or

2. Immediate environmental concern conditions are identified at a contaminated site.

(c) The person responsible for conducting the remediation shall notify the Department pursuant to this subsection if that person determines that contamination migrated onto the site from another site. The person responsible for conducting the remediation shall notify the assigned case manager, or if a case manager for the site has not been assigned, the hotline at 1-877 WARNDEP or 1-877-927-6337.

(d) The person responsible for conducting the remediation shall provide a copy of the remedial action workplan and any updates or status reports to the municipality in which the site is located, when requested by the municipality.

(e) The person responsible for conducting the remediation of an underground storage tank storing heating oil for on-site consumption in a one-to-four family residential dwelling or the person responsible for conducting an emergency response action shall comply with the notification requirements of (a) through (c) above and (l) below only.

(f) Except as provided in (e) above, the person responsible for conducting the remediation shall identify sensitive populations and resources located within 200 feet of the site boundary as follows:

1. No later than two weeks prior to either initiating the field activities associated with the remedial investigation of a multiphase remediation or initiating a single phase remediation, identify all of the following sensitive populations and resources that are located within 200 feet of the site boundary and record this information on the Sensitive Population and Resource Checklist provided by the Department at <http://www.nj.gov/dep/srp/community>:

i. Residences;

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ii. Potable wells;

iii. Public and private schools that teach students in any of the grades kindergarten through twelve;

iv. Child care facilities;

v. Public parks and playgrounds;

vi. Surface water;

vii. Tier 1 well-head protection areas. This information is available at www.state.nj.us/dep/njgs/geodata/dgs02-2md.htm;

2. Determine if the site is located in a municipality where an Environmental Justice Petition neighborhood has been designated by either EPA or the New Jersey Environmental Justice Task Force. This information is available at www.nj.gov/dep/ej;

3. Determine if a language other than English is predominantly spoken by property owners and tenants in the area within 200 feet of the property boundary and record this information on the Sensitive Population and Resource Checklist pursuant to (f)1 above;

4. Generate a scaled map, in hard copy or electronic form, that shows the location of the site and the location of each sensitive population and resource identified pursuant to (f)1 above. The Department prefers electronic maps and it prefers that electronic maps be compatible with the New Jersey Department of Environmental Protection Mapping the Present to Protect New Jersey's Future: Mapping and Digital Data Standards" outlined in N.J.A.C. 7:1D, Appendix A. The Department's website at <http://www.state.nj.us/dep/GIS/newmapping.htm> provides user guidance and links to internet mapping applications and data downloads; and

5. No later than two weeks prior to either initiating the field activities associated with the remedial investigation of a multi-phase remediation or initiating a single phase remediation, submit a paper copy and an electronic copy (disk or CD) of the completed Sensitive Population and Resource Checklist and the map generated pursuant to (f)4, above, to the following:

i. The Department case manager. If a case manager for the site has not been assigned, a copy of the Sensitive Population and Resource Checklist shall be submitted as part of the remedial investigation report or remedial action report required by this chapter. The submission to the Department shall include documentation that the Checklist and map was sent to the municipal clerk and the designated health official;

ii. The DEP Office of Community Relations at the following address:

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Division of Remediation Support
New Jersey Department of Environmental Protection
401 East State Street, 6th Floor
P.O. Box 413
Trenton, NJ 08625-0413
Attention: Office of Community Relations

iii. The clerk of each municipality in which the site is located; and

iv. The designated local health official.

(g) Except as provided in (e) above, the person responsible for conducting the remediation shall provide public notice, either by posting a sign pursuant to (h) below or by sending periodic notification letters pursuant to (i) below, as follows:

1. All public notices, whether in the form of a sign or a notification letter, shall be in English. Additionally, where, pursuant to (f) above, the person responsible for conducting the remediation determines that a language other than English is predominantly spoken by property owners and tenants in the area within 200 feet of the site boundary, notice shall also be provided in the non-English language; and

2. The person responsible for conducting the remediation may, at any time, change the form of notification pursuant to this subsection from posting a sign pursuant to (h) below to sending periodic notification letters pursuant to (i) below, or from sending notification letters pursuant to (i) below to posting a sign pursuant to (h), below.

(h) If the person responsible for conducting the remediation chooses to provide public notice by posting a sign, the following shall apply:

1. A minimum of one sign shall be posted so that it is clearly visible to the public;

2. The sign shall be posted as follows:

i. No later than two weeks prior to either initiating field activities associated with a remedial investigation of a multi-phase remediation or initiating a single phase remediation; or

ii. For sites where the remedial investigation or single-phase remediation was initiated prior to September 2, 2008, no later than September 2, 2009;

3. The sign shall remain posted and shall be maintained so that it is legible at all times, until such time as the Department issues a No Further Action and Covenant Not to Sue letter pursuant to N.J.A.C. 7:26C;

4. The sign shall be at least two feet by three feet in size and shall include the following wording, printed in font that is of sufficient size to be readable from the street or sidewalk:

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i. "Environmental Investigation/Cleanup In Progress at This Site;"

ii. "For Further Information Contact..." followed by the telephone number for the person responsible for conducting the remediation and the telephone number for Department's Office of Community Relations, which is posted on the Department's website at www.state.nj.us/dep;

iii. The Department's Preferred ID, as provided in the most recent edition of the "Department's Known Contaminated Sites in New Jersey" report or the valid EPA site identification number. If neither number is available, the number provided by the Department's hotline may be substituted (1-877 WARNDEP or 1-877-927-6337); and

iv. "Posted on," followed by the date the sign was posted;

5. Within two weeks after the sign is posted, the person responsible for conducting the remediation shall submit the site information required at (i)4 below, and a photograph of the sign showing its location and content in both electronic/digital format and in hard copy to:

i. The assigned case manager. If a case manager for the site has not been assigned, include a copy of the photograph as part of the remedial investigation report or remedial action report required by this chapter;

ii. The Department's Office of Community Relations at the address provided in (f)5ii above;

iii. The municipal clerk of each municipality in which the site is located; and

iv. The designated local health official; and

6. The person responsible for conducting the remediation shall comply with all local laws and requirements relevant to the posting of signs.

(i) If the person responsible for conducting the remediation chooses to provide public notice by sending notification letters, the following shall apply:

1. Notification letters shall be sent:

i. No later than two weeks prior to either initiating field activities associated with a remedial investigation of a multi-phase remediation or initiating a single phase remediation; or

ii. For sites where the remedial investigation or single-phase remediation was initiated prior to September 2, 2008, no later than September 2, 2009.

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2. Additional notification letters that reflect the current condition and progress of the remediation shall be sent every two years after the initiation of the single phase remediation or the remedial action until a No Further Action and Covenant Not to Sue letter is issued by the Department pursuant to N.J.A.C. 7:26C, or on a schedule approved by the Department.

3. The notices prepared pursuant to (i)1 and 2 above shall be sent to the following persons by certified mail or by using the certificate of mailing service:

i. Each owner of all real property, as shown on the current municipal tax duplicate, and tenants of those properties, located within 200 feet of the site boundary; and

ii. The administrator of each school and child care facility identified in the sensitive population and resource checklist required pursuant to (f) above.

4. The notice shall include the following site information:

i. Name and address of the site;

ii. Tax block(s) and lot(s);

iii. The Department's Preferred ID number as provided in the most recent edition of the "Department's Known Contaminated Sites in New Jersey" report found at <http://www.nj.gov/dep/srp/kcs-nj/>, or the valid EPA site identification number. If neither number is available, the number provided by the Department's hotline may be substituted (1-877 WARNDP or 1-877-927-6337);

iv. A statement that contamination has been identified;

v. A brief description of the type of contamination in common language, the affected environmental media and action(s) being taken at the site;

vi. Contact information for the person responsible for conducting the remediation and for the Department's Office of Community Relations; and

vii. A statement that the person responsible for conducting the remediation will provide a copy of all environmental reports to the municipality upon the municipality's request.

5. Each time notification letters are sent, the person responsible for conducting the remediation shall submit an electronic copy and a paper copy of one notification letter and list of recipients to the following:

i. The assigned case manager. If a case manager for the site has not been assigned, include a copy of the notification letter and list of recipients as part of the remedial investigation report or remedial action report required by this chapter;

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ii. The Department's Office of Community Relations at the address provided in (f)5ii, above;

iii. The municipal clerk of each municipality in which the site is located; and

iv. The designated local health official.

(j) If the person responsible for conducting the remediation proposes to bring contaminated material on to the site in an amount that is in excess of the amount that is needed to complete the remediation requirements or to construct the engineering controls approved by the Department in either a remedial action workplan pursuant to N.J.A.C. 7:26C-8 or a landfill closure plan pursuant to N.J.A.C. 7:26-2A.9, the person shall:

1. Send a notification letter to each of the following persons by certified mail or by using the certificate of mailing service:

i. Each owner of real property, as shown on the current municipal tax duplicate, and the tenants of those properties, located within 200 feet of the site boundary;

ii. The mayor of each municipality where the site located;

iii. The county designated solid waste coordinator;

iv. The designated local health official; and

v. The assigned case manager. If a case manager for the site has not been assigned, to the Department's Office of Community Relations at the address provided in (f)5ii, above; and

2. Include the following in the additional notification:

i. A description of the proposed use of contaminated material at the site;

ii. The concentrations of contaminants in the material;

iii. The amount of material proposed to be brought on to the site;

iv. The controls designed to reduce or eliminate exposure to the contamination; and

v. A tentative schedule for the activity.

(k) Except as provided in (e) above and (l) and (m) below, if contamination migrates off site in any environmental medium, the person responsible for conducting the remediation shall prepare, distribute and publish a fact sheet as follows:

1. The fact sheet shall be prepared and distributed:

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i. Within two weeks after the determination that contamination has migrated off site;
or

ii. For sites where contamination has migrated off site prior to the September 2, 2008, no later than September 2, 2009; and

2. The fact sheet shall be updated and redistributed with the relevant information regarding the extent of the contamination at the completion of the remedial investigation, when the extent of contamination has been determined.

3. The fact sheet and any updates shall be distributed by certified mail or by using the certificate of mailing service, to each owner of all real property, as shown on the current municipal tax duplicate, and the tenants of those properties, located within 200 feet of the site boundary.

4. The fact sheet and any updates shall be in English. Additionally, where, pursuant to (f) above, the person responsible for conducting the remediation determines that a language other than English is predominantly spoken by property owners and tenants in the area within 200 feet of the site boundary, notice shall also be provided in the non-English language.

5. The fact sheet shall include the following information:

i. Name and address of the site;

ii. Tax block(s) and lot(s);

iii. The Department's Preferred ID number as provided in the most recent edition of the "Department's Known Contaminated Sites in New Jersey" report found at <http://www.nj.gov/dep/srp/kcs-nj/>, or the valid EPA site identification number. If neither number is available, the number provided by the Department's hotline may be substituted 1-877 WARNDP or 1-877-927-6337;

iv. A description of the commercial and industrial history of the site based on information gathered during the preliminary assessment conducted pursuant to N.J.A.C. 7:26E-3.1(c);

v. A description of contamination including:

(1) The contaminants of concern;

(2) The affected environmental media;

(3) Contaminant concentrations;

(4) The remediation standard applicable to each contaminant;

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(5) The extent of contamination,

(6) The date contamination was identified;

(7) The source of contamination; and

(8) A list of online resources for information about the contaminants.

vi. A description of the actions performed to minimize the impact to the public;

vii. Date that the fact sheet was prepared;

viii. Contact information for the person responsible for conducting the remediation;
and

ix. Contact information for the Department's Office of Community Relations, at the address provided in (f)5ii above;

6. Within four weeks of the discovery of off-site contamination, the person responsible for conducting the remediation shall:

i. Publish the fact sheet prepared pursuant to (k) above as a display advertisement in a daily or weekly newspaper of general circulation in the vicinity of the site; and

ii. Submit a copy of the fact sheet, a list of persons to whom the fact sheet was mailed pursuant to (k)3 above, and a copy of the display advertisement to:

(1) The assigned case manager. If a case manager for the site has not been assigned, include a copy of the fact sheet, list of recipients and a copy of the display advertisement as part of the remedial investigation report or remedial action report required by this chapter;

(2) The Department's Office of Community Relations at the address provided in (f)5ii, above;

(3) The municipal clerk of each municipality in which the site is located; and

(4) The designated health official.

7. Within four weeks after the horizontal and vertical extent of contamination has been determined pursuant to N.J.A.C. 7:26E-4.1, the person responsible for conducting the remediation shall:

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i. Publish an updated fact sheet prepared pursuant to (k)2 above, as a display advertisement in a daily or weekly newspaper of general circulation in the vicinity of the site; and

ii. Submit a copy of the fact sheet, a list of persons to whom the fact sheet was mailed pursuant to (k)3 above, and a copy of the display advertisement to:

(1) The assigned case manager. If a case manager for the site has not been assigned, include a copy of the fact sheet, list of recipients and a copy of the display advertisement as part of the remedial investigation report or remedial action report required by this chapter;

(2) The Department's Office of Community Relations at the address provided in (f)5ii, above;

(3) The municipal clerk of each municipality in which the site is located; and

(4) The designated local health official.

(l) If the contamination has only affected one adjoining property and the affected contaminated medium is limited to the soil, the person responsible for conducting the remediation shall notify only that adjoining property owner and tenant in writing via certified mail or by using the certificate of mailing service. The notice shall describe the nature and extent of the contamination.

(m) If contamination migrates off site and the affected media is limited to historic fill, the person responsible for conducting the remediation is exempt from the requirements of (k) above.

(n) The person responsible for conducting the remediation who is performing the remediation with the Department's oversight in accordance with N.J.A.C. 7:26C may propose a plan for public notice and outreach as an alternative to (h) or (i) above. The alternative plan shall be submitted to the assigned case manager and Department's Office of Community Relations at the address in (f)5ii above for the Department's review.

1. If the Department determines that the application is complete and that the proposed alternative plan provides adequate public notice, the Department will provide the person responsible for conducting the remediation with a written approval of the alternative plan; or

2. If the Department determines that the application is deficient, the Department will provide written comments to the person responsible for conducting the remediation describing the deficiencies in the application, in which case the person may submit a revised application addressing the deficiencies to the Department.

(o) The person responsible for conducting the remediation shall conduct additional public outreach if the Department determines that additional outreach is needed, or when the

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Department determines that there is substantial public interest in remediation activities concerning a contaminated site.

1. The Department may determine that there is substantial public interest when it receives:

i. A petition containing the signatures of 25 or more people who live or work within 200 feet of the site, if contamination has not migrated off site;

ii. A petition containing the signatures of 25 people that live or work within 200 feet of the extent of contamination, if contamination has migrated from the site boundary; or

iii. A written request by a municipal official, such as the Mayor or the chairperson of an environmental commission, or a designated local health official.

2. When the Department determines that there is substantial public interest, the Department shall notify the person responsible for conducting the remediation and post a summary of this determination on the Department's web site at www.state.nj.us/dep; and

3. The person responsible for conducting the remediation shall develop and implement additional public outreach based on the needs expressed by the community. The outreach may include the following:

i. Publicizing and hosting an information session or public meeting;

ii. Publishing a notice containing basic information about the site in the local paper of record; or

iii. Establishing a local information repository.

(p) The notifications required pursuant to this section are not intended to satisfy the public participation requirements applicable to sites subject to the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq., and the National Contingency Plan regulations, 40 C.F.R. Part 300.

(q) The person responsible for remediating a contaminated site located within the jurisdiction of the Pinelands Commission as defined pursuant to N.J.S.A. 13:18A-1 et seq. shall:

1. Submit copies of all final reports or workplans for preliminary assessments, site investigations, remedial investigations and remedial actions to the Pinelands Commission concurrently with submission of such documents to the Department;

2. Submit, for approval, a copy of the remedial design and construction documents and a completed Pinelands application to the Pinelands Commission prior to implementing a remedial action; and

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3. Not commence any construction activity at the site until the Pinelands Commission approves the remediation in writing; and

4. Send the information required pursuant to this subsection to the Pinelands Commission at the following address:

The Pinelands Commission
P.O. Box 7
15 Springfield Road
New Lisbon, NJ 08064

7:26E-1.5 Certifications

(a) If a document prepared pursuant to this chapter is to be submitted to the Department, it shall be signed and certified pursuant to N.J.A.C. 7:26C, 7:26B or 7:14B.

7:26E-1.6 Documenting compliance with the technical requirements

(a) All work being conducted at a site pursuant to this chapter, whether or not being done with Department oversight, shall be documented and included in reports which follow the format and contain the information required pursuant to the reporting sections of N.J.A.C. 7:26E-2 through 8. If a report has already been submitted to the Department pursuant to another Department regulatory program, including but not limited to, N.J.A.C. 7:14B, 7:26B or 7:26C, then a summary of what was included in the previously submitted report may be submitted. The summary shall include a reference to the Department program to which the report was submitted and the date that it was submitted. Any reports prepared pursuant to this chapter may be combined into a single report.

(b) When the remediation is conducted with Department oversight, the person responsible for conducting the remediation shall submit workplans (if applicable) and reports in a timely manner pursuant to the schedule contained in the oversight document which the person executed with the Department pursuant to N.J.A.C. 7:26C, or as the Department requires pursuant to ISRA or UST. The workplan and/or report shall comply with the format and contain the information required pursuant to N.J.A.C. 7:26E-2 through 8.

(c) In order to provide flexibility in the technical requirements for site remediation described in this chapter, the Department has identified certain limited situations, as specified through this chapter, when alternate sampling, analytical, or investigatory methods may be used without Department pre-approval.

1. Such alternate methods may be used if the person responsible for conducting the remediation documents in the applicable remedial phase report (that is, preliminary assessment, site investigation, remedial investigation, remedial action) rationale acceptable to the Department for using the alternate method.

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2. The Department will review the documentation, either as part of the Department's oversight during the remediation or at a later time when the site becomes a Department priority for site remediation.

3. The Department will evaluate the alternate method in terms of its site-specific application, based upon the documentation provided and other appropriate information available to the Department, in terms of the extent to which the alternate method:

i. Has previously been either used successfully or approved by the Department in writing in other similar situations; or

ii. Reflects current technology as documented in peer-reviewed professional journals; and

iii. Provides results which are verifiable and reproducible;

iv. Can be expected to achieve the same results or objectives as the method which it proposes to replace;

v. Furthers the attainment of the goals of the specific remedial phase for which it is used; and

vi. Is consistent with the overall scheme of this chapter to ensure the remediation of contaminated sites in a manner which is protective of human health and the environment.

(d) Any person responsible for conducting the remediation may petition the Department for a variance from any of the requirements in N.J.A.C. 7:26E-2 through 6 inclusive pursuant to the procedural criteria in (d)1 and the substantive criteria in (d)2, below. The petition shall include a request for use of an alternative approach to be utilized in place of the requirement for which the variance has been requested. The variance is not effective until it has been approved by the Department. The decision as to whether or not to grant the variance rests solely with the Department. A variance petition may be submitted within an oversight document executed in accordance with N.J.A.C. 7:26C, or pursuant to the program requirements of N.J.A.C. 7:26B or N.J.A.C. 7:14B. The Department shall make reasonable efforts to provide timely responses to variance petitions.

1. To petition for a variance from a requirement in N.J.A.C. 7:26E-2 through 6, the petitioner shall submit the following information to the Department at the address in the applicable oversight document or in accordance with the program requirements of N.J.A.C. 7:26B or N.J.A.C. 7:14B prior to the utilization of the alternate approach:

i. The name and address of the person submitting the petition;

ii. The name and address of the person conducting the remediation;

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- iii. The names and addresses of the owner(s) and occupant(s) of the site which is the subject of the variance;
- iv. The street address and all tax block and lot numbers of the site which is the subject of the variance;
- v. A description of the proposed alternate approach and applicable N.J.A.C. 7:26E citation;
- vi. A description of site specific conditions applicable to the variance;
- vii. The technical basis for the variance pursuant to (c) above; and
- viii. Any other information or data the Department requests to thoroughly evaluate the petition.

2. The Department will evaluate the petition for a variance from the requirements of N.J.A.C. 7:26E-2 through 6 according to the same criteria as those listed in (c) above for approval of alternate methods.

3. Verbal variances may be granted pursuant to N.J.A.C. 7:26E-3.4(a)4.

(e) The person responsible for conducting the remediation shall have a continuing obligation to ensure that the Department receives all complete, accurate and relevant information regarding remediation at the site.

7:26E-1.7 Criteria for going beyond the minimum technical requirements

(a) The Department may require additional work beyond the minimum technical requirements set forth in this chapter for whenever necessary for the Department to ensure adequate protection of human health and the environment based upon a review of the following areas:

1. The number or magnitude of the discharge(s) being investigated;
2. The nature of the substances discharged;
3. A change in the certification or other authorization of the laboratory performing analyses previously submitted for the site in question or any other site;
4. The identification of additional exposure pathways not otherwise fully investigated pursuant to the minimum requirements;
5. The identification of additional receptors not otherwise fully investigated pursuant to the minimum requirements;

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6. Distance to and sensitivity of receptors;

7. When the Department determines that additional data or information is needed to fully evaluate the site; and

8. Any other site-specific conditions the Department identifies which necessitate the need for additional work.

7:26E-1.8 Definitions

The following words and terms, when used in this chapter, shall have the following meanings unless context clearly indicates otherwise:

"Acid extractable organic compounds" means semivolatile compounds amenable to analysis by extraction of the sample with a pH acidic organic solvent. For the purposes of this chapter, analysis of acid extractable organic compounds means the analysis of a sample for either:

1. Those priority pollutants listed as acid compounds in Appendix B, Table II of N.J.A.C. 7:14A; or

2. Those target compound list compounds which are phenol and phenolic compounds under the listing of semivolatile compounds in the version of the EPA Contract Laboratory Program Statement of Work for Organic Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis.

"Active ground water remediation" means any form of ground water remediation which requires physical action to alter the nature of the impacted aquifer for the purposes of achieving applicable remediation standards. Active ground water remediation includes, but is not limited to, pumping that consistently depresses the water table over an areal extent, air sparging, and bioremediation involving the addition of nutrients and/or organisms below the water table.

"Aquifer" means "aquifer" as defined in the Ground Water Quality Standards, N.J.A.C. 7:9C.4.

"Area of concern" means any existing or former location where hazardous substances, hazardous wastes, or pollutants are or were known or suspected to have been discharged, generated, manufactured, refined, transported, stored, handled, treated, disposed, or where hazardous substances, hazardous wastes, or pollutants have or may have migrated, including, but not limited to, all current and former:

1. Bulk storage tanks and appurtenances, including, without limitation:
 - i. Tanks and silos;
 - ii. Rail cars;
 - iii. Piping, above and below ground pumping stations, sumps and pits; and
 - iv. Loading and unloading areas;

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2. Storage and staging areas, including:
 - i. Storage pads and areas;
 - ii. Surface impoundments and lagoons;
 - iii. Dumpsters; and
 - iv. Chemical storage cabinets or closets;

3. Drainage systems and areas, including, without limitation:
 - i. Building floor drains and piping, sumps and pits, including trenches and piping from sinks that potentially receive process waste;
 - ii. Roof leaders (when process operations vent to roof);
 - iii. Drainage swales and culverts;
 - iv. Storm sewer collection systems;
 - v. Storm water detention ponds and fire ponds;
 - vi. Surface water bodies;
 - vii. Leach fields; and
 - viii. Dry wells and sumps;

4. Discharge and disposal areas, including, without limitation:
 - i. Areas of discharges pursuant to N.J.A.C. 7:1E;
 - ii. Waste piles as defined by N.J.A.C. 7:26;
 - iii. Waste water treatment, collection and disposal systems, including, without limitation, septic systems, seepage pits and dry wells;
 - iv. Landfills;
 - v. Landfarms;
 - vi. Sprayfields;
 - vii. Incinerators; and
 - viii. Historic fill material areas or any other fill material areas;

5. Other areas of concern, including, without limitation:
 - i. Electrical transformers and capacitors;
 - ii. Hazardous materials storage or handling areas;
 - iii. Waste treatment areas;
 - iv. Discolored areas or spill areas;
 - v. Open areas away from production operations;
 - vi. Areas with stressed vegetation;
 - vii. Other discharge areas;
 - viii. Underground piping including industrial process sewers;
 - ix. Compressor vent discharges;
 - x. Non contact cooling water discharges;
 - xi. Areas that may have received floodwater or stormwater runoff from potentially contaminated areas; and
 - xii. Any other area suspected or containing contaminants;

6. Ground water areas of concern, including, without limitation, present or past regulated activities under the New Jersey Pollutant Discharge Elimination System (NJPDES)

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Discharge to Ground Water regulations, N.J.A.C. 7:14A, including: seepage pits; dry wells; lagoons; and septic systems which received industrial waste; and

7. Surface water areas concern, including, without limitation, all surface water areas and associated sediment which receive or may have received any point or non-point source discharge from the site.

"Background ground water contamination" means concentrations of hazardous substances, hazardous waste and pollutants in ground water that originated from either natural sources (that is, non-man-made) or upgradient, offsite discharges (that is, man-made, non-site-related discharges). Background ground water contamination may include, but is not limited to, the same contaminants present both on the site and off the site at upgradient locations, or parent contaminants detected off the site at upgradient locations and daughter products of these parent contaminants detected on the site.

"Base neutral organic compound" means semivolatile compounds amenable to analysis by extraction of the sample with a pH neutral and a pH basic organic solvent. For the purposes of this chapter, analysis of base neutral organic compounds means the analysis of a sample for either:

1. Those priority pollutants listed as base neutral compounds in Appendix B, Table II of N.J.A.C. 7:14A; or

2. Those target compound list compounds identified as semivolatiles except phenol and phenolic compounds in the version of the EPA Contract Laboratory Program Statement of Work for Organic Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis.

"CERCLA" means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by Superfund Amendments and Reauthorization Act of 1986 (42 U.S.C. 9601 et seq.).

"Commissioner" means the Commissioner of the Department of Environmental Protection or his or her authorized representative.

"Containment" or "containment activities" means actions to limit or prevent discharges or the spread of contamination.

"Contaminated site" means all portions of environmental media at a site and any location where contamination is emanating, or which has emanated, therefrom, that contain one or more contaminants at a concentration which fails to satisfy any applicable remediation standard.

"Contamination" or "contaminant" means any discharged hazardous substance as defined pursuant to N.J.S.A. 58:10-23.11b, hazardous waste as defined pursuant to N.J.S.A. 13:1E-38, or pollutant as defined pursuant to N.J.S.A. 58:10A-3.

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"Contract laboratory program" or "CLP" means a program of chemical analytical services developed by the EPA to support CERCLA.

"Damages" means the amount of money the Department has determined is necessary to restore, rehabilitate, replace or otherwise compensate for the injury to natural resources as a result of a discharge.

"Deed notice" means a document which is identical in wording to N.J.A.C. 7:26E, Appendix E and which provides notice of the following for a specific real property:

1. That the contamination on the real property exists at a level above the applicable unrestricted use soil remediation standards;
2. The restrictions to the applicable property due to contamination; and
3. The engineering controls applicable to the property.

"Department" means the New Jersey Department of Environmental Protection.

"Department certified laboratory" means a laboratory that is currently certified pursuant to N.J.A.C. 7:18, the Regulations Governing Laboratory Certification and Standards of Performance, to perform laboratory analyses for a specific certification category and a specific parameter within the certification categories.

"Diligent inquiry" means:

1. Conducting a diligent search of all documents which are reasonably likely to contain information related to the object of the inquiry, which documents are in such person's possession, custody or control, or in the possession, custody or control of any other person from whom the person conducting the search has a legal right to obtain such documents; and
2. Making reasonable inquiries of current and former employees and agents whose duties include or included any responsibility for hazardous substances, hazardous wastes, or pollutants, and any other current and former employees or agents who may have knowledge or documents relevant to the inquiry.

"Discharge" means any intentional or unintentional action or omission resulting in the releasing, spilling, leaking, pumping, pouring, emitting, emptying or dumping of a hazardous substance, hazardous waste or pollutant into the waters or onto the lands of the State, or into waters outside the jurisdiction of the State when damage may result to the lands, waters, or natural resources within the jurisdiction of the State.

"Effective solubility" means the theoretical aqueous solubility of an organic constituent in ground water that is in chemical equilibrium with a separate phase mixed product (product containing several organic chemicals). The effective solubility of a particular organic chemical

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can be estimated by multiplying its mole fraction in the product mixture by its pure phase solubility.

"Engineering controls" means any physical mechanism to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

"Environmental medium" means any component such as soil, air, sediment, structures, ground water or surface water.

"Environmentally sensitive natural resources" means all areas defined at N.J.A.C. 7:1E-1.8(a), ground water, and areas and/or resources that are protected or managed pursuant to the Pinelands Protection Act, N.J.S.A. 13:18A-1 et seq. and the Pinelands Comprehensive Management Plan, N.J.A.C. 7:50.

"EPA" means the United States Environmental Protection Agency.

"Fill material" means non-indigenous material, used to replace soil in an area or raise the topographic elevation of the site.

"Free product" means a separate phase material, present in concentrations greater than a contaminant's residual saturation point. This definition applies to solids, liquids, and semi-solids. The presence of free product shall be determined pursuant to the methodologies described in N.J.A.C. 7:26E-2.1(a)11.

"Full laboratory data deliverables" means those deliverables identified as follows:

1. For non-EPA/Contract Laboratory Program analyses, the regulatory format data deliverables listed in the version of the Professional Laboratory Analytical Services contract issued by the New Jersey Department of Treasury, Division of Purchase and Property in effect as of the date on which the laboratory is performing the analysis; and

2. For EPA/Contract Laboratory Program analyses, the deliverables listed in the EPA Contract Laboratory Program "Statement of Work" documents in effect as of the date on which the laboratory is performing the analysis as modified by specific requirements listed in Appendix A, incorporated herein by reference.

"Ground water" means the portion of the water beneath the land surface that is within the zone of saturation where all pore spaces of the geologic formation are filled with water.

"Ground water use area" means any area, as determined by a well search conducted pursuant to N.J.A.C. 7:26E-3.7(e)3 and an evaluation of the current and potential groundwater uses of an area using a 25-year planning horizon pursuant to N.J.A.C. 7:26E-8.3(b)4ii, where any domestic, irrigation, industrial, public supply well, or well with a water allocation permit exists, is

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proposed, or where there is reasonable expectation a well will be installed within the 25-year planning horizon.

"Hazardous waste" means any solid waste as defined in the Solid Waste Regulations, N.J.A.C. 7:26-1.4, that is further defined as a hazardous waste pursuant to the Hazardous Waste Regulations, N.J.A.C. 7:26-8.

"Highly permeable soils" means soils having less than 15 percent silts and/or clays. Soils may be classified in the field using a standard system texture analysis.

"Historic fill material" means non-indigenous material, deposited to raise the topographic elevation of the site, which was contaminated prior to emplacement, and is in no way connected with the operations at the location of emplacement and which includes, without limitation, construction debris, dredge spoils, incinerator residue, demolition debris, fly ash, or non-hazardous solid waste. Historic fill material does not include any material which is substantially chromate chemical production waste or any other chemical production waste or waste from processing of metal or mineral ores, residues, slag or tailings. In addition, historic fill material does not include a municipal solid waste landfill site.

"Immediate environmental concern" means a condition which poses an acute threat to human health or a direct threat to the drinking water of the State including, but not limited to:

1. Dermal contact, inhalation or ingestion of contaminated materials;
2. Potable water supplies contaminated above the applicable drinking water standard;
and
3. Contaminants which are confirmed to exist in an occupied or confined space, producing a toxic or harmful gas resulting in a potential for an acute short-term human health exposure, or producing an oxygen deficient atmosphere, or resulting in demonstrated physical damage to essential underground services.

"Impermeable" means a layer of natural and/or man-made material of sufficient thickness, density and composition so as to have a maximum permeability for water of 10^{-7} cm/sec at the maximum anticipated hydrostatic pressure.

"Injury" means any adverse change or impact of a discharge on a natural resource or impairment of a natural resource service, whether direct or indirect, long term or short term, and includes the partial or complete destruction or loss of the natural resource.

"Innovative remedial action technology" means a new or alternative method, procedure or process that does not have a substantial operational record. An innovative remedial action technology with a substantial operational record in one field could be considered innovative if it is proposed for a new or different environmental problem.

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"Institutional controls" means a mechanism used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for the unrestricted use of the property. Institutional controls may include, without limitation, structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.

"Landfill" means a sanitary landfill as defined pursuant to N.J.S.A. 13:1E-1 et seq.

"Limited restricted use remedial action" means any remedial action for soil that requires the continued use of institutional controls but does not require the use of an engineering control in order to meet the established health risk or environmental standards.

"Method detection limit" or "MDL" means the minimum concentration of a substance that can be measured and reported with a 99 percent confidence that the analyte concentration is greater than zero and is determined from the analysis of a sample in a given matrix containing the analyte.

"Mineral oil" means an oil of mineral origin, refined from crude oil, possessing electrical insulating properties.

"Natural background soil level" means the chemical concentration of a substance which is found in soil and which is not attributable to human activity.

"Natural ground water remediation" means any form of ground water remediation in which only degradation, retardation, and dispersion mechanisms are used to achieve applicable remediation standards. For active ground water remediations, this definition shall also apply to portions of plumes that are not captured by the active ground water remediation, but are expected to be naturally remediated after separation from the source plume.

"Natural resources" means all land, biota, fish, shellfish, and other wildlife, air, waters and other such resources.

"No further action letter" means a written determination by the Department that based upon an evaluation of the historical use of the site, or of an area of concern or areas of concern at that site, as applicable, and any other investigation or action the Department deems necessary, there are no discharged contaminants present at the site, at the area of concern or areas of concern, or at any other site to which a discharge originating at the site has migrated, or that any discharged contaminants present at the site or that have migrated from the site have been remediated in accordance with applicable remediation regulations.

"Non-targeted compound" means a compound detected in a sample using a specific analytical method that is not a targeted compound, a surrogate compound, a system monitoring compound or an internal standard compound.

"Order of magnitude" means a factor of 10.

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"Oversight document" means any document defined as an oversight document pursuant to N.J.A.C. 7:26C.

"Person" means any individual or entity, including without limitation, a public or private corporation, company, estate, association, society, firm, partnership, joint stock company, foreign individual, or entity, interstate agency or authority, the United States, and any of its political subdivisions, the State of New Jersey, or any of the political subdivisions of or found within the State of New Jersey, or any of the other meanings which apply to the common understanding of the term.

"Person responsible for conducting the remediation" includes any person who executes or is otherwise subject to an oversight document, and any person who is performing the remediation or has control over the person (for example, contractor or consultant) who is performing the remediation, including, without limitation, an owner or operator who is subject to either ISRA or UST.

"Pollutant" means any substance defined as such pursuant to the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.

"Practical quantitation level" or "PQL" means the lowest quantitation level of a given analyte that can be reliably achieved among laboratories within the specified limits of precision and accuracy of a given analytical method during routine laboratory operating conditions.

"Preliminary assessment" means the first phase in the process of identifying areas of concern pursuant to N.J.A.C. 7:26E-3.

"Priority pollutant plus 40" or "PP+40" means the priority pollutant list of 126 compounds and elements developed by the EPA pursuant to Section 307(a)(1) of the Clean Water Act and 40 non-targeted organic compounds detected by gas chromatography/mass spectroscopy (GC/MS) analysis. For the purposes of this chapter, a PP+40 scan means the analysis of a sample for all priority pollutants except asbestos and 2,3,7,8-tetrachloro-dibenzo-p-dioxin, and up to 15 non-targeted volatile organic compounds and up to 25 non-targeted semivolatile organic compounds as analyzed using GC/MS analytical methods. Non-targeted compound criteria shall be used pursuant to the version of the EPA "Contract Laboratory Program Statement of Work for Organic Analysis, Multi-media, Multi-concentration" in effect as of the date which the laboratory is performing the analysis.

"Prospective purchaser" means any person contemplating acquiring contaminated property who:

- (i) is not in any way responsible under any statute, federal or state, or common law for any hazardous substances, hazardous wastes, or other pollutants discharged at a contaminated site, and

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(ii) is not a corporate successor to, or capitalized by, any person who is in any way responsible under any statute, federal or state, or common law for any hazardous substances, hazardous wastes, or other pollutants discharged at a contaminated site.

"Quality assurance" means the total integrated program for assuring the reliability of monitoring and measurement data which includes a system for integrating the quality planning, quality assessment and quality improvement efforts to meet data end-use requirements.

"Quality assurance project plan" means a document which presents in specific terms the policies, organization, objectives, functional activities and specific quality assurance/quality control activities designed to achieve the data quality goals or objectives of a specific project or operation.

"Quality control" means the routine application of procedures for attaining prescribed standards of performance in the monitoring and measurement process.

"Receptor" means any human or other ecological component which is or may be affected by a contaminant from a contaminated site.

"Reduced laboratory data deliverables" means, for both EPA/ Contract Laboratory Program and non-EPA/Contract Laboratory Program analyses, the laboratory data deliverables listed in Appendix A, Sections III and IV.

"Region of the site" means the area on and adjacent to the site.

"Remedial action" means those actions taken at a contaminated site as may be required by the Department, including, without limitation, removal, treatment measures, containment, transportation, securing, or other engineering or institutional controls, whether to an unrestricted use or otherwise, designed to ensure that any discharged contaminant is remediated in compliance with the applicable remediation standards pursuant to N.J.A.C. 7:26E-6.

"Remedial action costs" means all costs associated with the development and implementation of a remedial action including all direct and indirect capital costs, engineering costs, and annual operation, maintenance and monitoring costs. Such costs, when applicable, shall include, without limitation, costs for construction of all facilities and process equipment, labor, materials, construction equipment and services, natural resource damages, land purchase, land preparation/development, relocation expenses, systems start up and testing, facility operation, maintenance and repair, continuous effectiveness monitoring, periodic site condition reviews, and legal, administrative and capital costs associated with the placement of institutional controls on a property. Remedial action costs shall be expressed as net present worth of all such costs over time by discounting all future costs to the current calendar year. The discount rate to be used for all present worth analyses shall be the current rate as specified by the EPA at the time of remedial action selection and shall be applied before taxes and after inflation. The period of performance for present worth costing analyses shall not exceed 30 years.

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"Remedial action selection" means the process of selecting the most appropriate remedy for a site or area of concern that will ensure protection of the public health, and safety and the environment, based upon careful consideration of a variety of factors, including, without limitation, future site use, surrounding land uses, remediation goals and objectives, cost, implementability, reliability and effectiveness.

"Remedial action selection report" means a report describing how a proposed non-CERCLA/non-RCRA remedial action was determined to be the most appropriate remedy pursuant to N.J.A.C. 7:26E-5.

"Remedial investigation" means actions to investigate contamination and the problems presented by a discharge. The requirements of a remedial investigation are set forth at N.J.A.C. 7:26E-4.

"Remedial phase" means a distinct component of the remediation process. Such components may include preliminary assessment, site investigation, remedial investigation, remedial alternative analysis, and remedial action.

"Remediation" or "remediate" means all necessary actions to investigate and cleanup or respond to any known, suspected, or threatened discharge including, as necessary, the preliminary assessment, site investigation, remedial investigation, and remedial action; provided however, that "remediation" or "remediate" shall not include the payment of compensation for damage to, or loss of, natural resources.

"Remediation standards" means the combination of numeric standards that establish a level or concentration, and narrative standards, to which contaminants must be treated, removed or otherwise cleaned for soil, ground water or surface water, as provided by the Department pursuant to N.J.S.A. 58:10B-12, in order to meet the health risk or environmental standards.

"Residual product" means a separate phase material present in concentrations below a contaminant's residual saturation point, retained in soil or geologic matrix pore spaces or fractures by capillary forces. This definition applies to solids, liquids, and semi-solids. The presence of residual product shall be determined pursuant to the methodologies described in N.J.A.C. 7:26E-2.1(a)11.

"Residual saturation point" means the saturation point below which non-aqueous phase liquid becomes discontinuous and is immobilized by capillary forces, and fluid drainage will not occur.

"Restricted use remedial action" means any remedial action for soil that requires the continued use of engineering and institutional controls in order to meet the established health risk or environmental standards.

"Restricted use standard" means a numeric soil remediation standard which, when achieved, restores the contaminated soil to a condition suitable for only certain specified uses.

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"Retardation" means any process that acts to inhibit the movement of a solute in ground water, such that the solute travels more slowly than the ground water itself.

"Semivolatile organic compounds" means compounds amenable to analysis by extraction of the sample with an organic solvent. For the purposes of this chapter, analysis of semivolatile organic compounds means the analysis of a sample for either:

1. Those priority pollutants listed as base neutral and acid compounds in Appendix B, Table II of N.J.A.C. 7:14A; or
2. Those target compound list compounds identified as semivolatiles in the version of the EPA Contract Laboratory Program Statement of Work for Organic Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis.

"Site investigation" means the collection and evaluation of data adequate to determine whether or not discharged contaminants exist at a site or have migrated or are migrating from the site at levels in excess of the applicable remediation standards. A site investigation shall be developed based upon the information collected pursuant to the preliminary assessment. The requirements of a site investigation are set forth at N.J.A.C. 7:26E-3.

"Soil" means the unconsolidated mineral and organic matter on the surface of the earth that has been subjected to and influenced by geologic and other environmental factors.

"Specific discharge event" means a discharge that meets the criteria in N.J.A.C. 7:26E-3.7(b).

"Spill Act" means the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11a et seq.

"Surface water" means water defined as surface water pursuant to the Surface Water Quality Regulations, N.J.A.C. 7:9B.

"SWMA" means the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.

"Tank" means a stationary device designed to contain an accumulation of hazardous substances, hazardous wastes, or pollutants which is constructed of non-earthen materials (for example, concrete, steel, plastic) that provide structural support.

"Target analyte list" or "TAL" means the list of inorganic compounds/elements designated for analysis as contained in the version of the EPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis. For the purpose of this chapter, a Target Analyte List scan means the analysis of a sample for Target Analyte List compounds/ elements.

"Targeted compound" means a hazardous substance, hazardous waste, or pollutant for which a specific analytical method is designed to detect that potential contaminant both qualitatively and quantitatively.

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"Target compound list plus 30" or "TCL+30" means the list of organic compounds designated for analysis (TCL) as contained in the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis, and up to 30 non-targeted organic compounds (plus 30) as detected by gas chromatography/mass spectroscopy (GC/MS) analysis. For the purposes of this chapter, a Target Compound List +30 scan means the analysis of a sample for Target Compound List compounds and up to 10 non-targeted volatile organic compounds and up to 20 non-targeted semivolatile organic compounds using GC/MS analytical methods. Non-targeted compound criteria shall be pursuant to the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis.

"Tentatively identified compound" or "TIC" means a non-targeted compound detected in a sample using a GC/MS analytical method which has been tentatively identified using a mass spectral library search. An estimated concentration of the TIC is also determined.

"Timely manner" means that, except for immediate environmental concern cases, the person responsible for conducting the remediation completes the remedial activities at a contaminated site or area of concern either:

1. Within five years, if soil is the only contaminated media at the site and the remediation will achieve unrestricted or limited restricted use standards; or
2. In compliance with a remedial action schedule approved in writing by the Department.

"Underground storage tank" means any one or combination of tanks, including appurtenant pipes, lines, fixtures, and other related equipment, used to contain an accumulation of hazardous substances, hazardous wastes or pollutants, the volume of which, including the volume of the appurtenant pipes, lines, fixtures and other related equipment, is 10 percent or more beneath the surface of the ground.

"Unknown compound" means a non-targeted compound which cannot be tentatively identified. Based on the analytical method used, the estimated concentration of the unknown compound may or may not be determined.

"Unrestricted use remedial action" means any remedial action for soil that does not require the continued use of either engineering or institutional controls to meet the established health risk or environmental standards.

"Unrestricted use standard" means a numeric soil remediation standard that, when achieved, restores the contaminated soil to a condition or quality suitable for any use. The unrestricted use standard is the lowest of any numeric standard, without limitation, any residential soil remediation standard, any non-residential soil remediation standard and any applicable impact-to-groundwater soil standard.

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"UST" means the New Jersey Underground Storage of Hazardous Substances Act, N.J.S.A. 58:10A-21 et seq.

"Volatile organics" means organic compounds amenable to analysis by the purge and trap technique. For the purposes of this chapter, analysis of volatile organics means the analysis of a sample for either those priority pollutants listed as amenable for analysis using EPA method 624 or those target compounds identified as volatiles in the version of the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory is performing the analysis.

"Waste oil" means a petroleum based or synthetic oil which, through use, storage or handling has become unsuitable for its original purpose due to the presence of impurities or loss of original properties.

"Waters" means the ocean and its estuaries to the seaward limit of the State's jurisdiction, all springs, streams and bodies of surface or ground water, whether natural or artificial, within the boundaries of this State.

"Wetland" means any freshwater or coastal wetland.

"WPCA" means the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.

7:26E-1.9 Health and safety plan

Any person conducting remediation activities shall prepare a site-specific health and safety plan which shall be adhered to by all personnel involved in the remediation. The plan shall be in accordance with the most recently adopted and applicable general industry (29 CFR 1910) and construction (29 CFR 1926) standards of the Federal Occupational Safety and Health Administration (OSHA), U.S. Department of Labor, as well as any other Federal, State or local applicable statutes or regulations.

7:26E-1.10 Severability

If any section, subsection, provision, clause or portion of these regulations is adjudged invalid or unconstitutional by a court of competent jurisdiction, the remainder of these regulations shall not be affected thereby.

7:26E-1.11 Bias for Action

(a) As a first priority, the person responsible for conducting the remediation shall implement an interim response action to contain or stabilize contaminants in all media to prevent contaminant migration and exposure of receptors.

(b) If an immediate environmental concern (IEC) condition is identified at a site, the person responsible for conducting the remediation shall conduct the following interim response actions:

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1. Notify the Department pursuant to N.J.A.C. 7:26E-1.4(a) and (b) as appropriate;

2. Immediately stabilize the IEC condition with Department oversight pursuant to N.J.A.C. 7:26C; and

3. When potable water sources have been impacted by contamination at levels above the ground water remediation standards at N.J.A.C. 7:26D, treat the contaminated drinking water to a point at which the contaminant levels do not exceed the ground water remediation standards, or provide an alternative water supply.

(c) The person responsible for conducting the remediation shall submit written documentation to the Department of all interim response actions conducted in compliance with (a) or (b) above within 14 days of initiating each such action.

7:26E-1.12 Requirement for Department oversight of remediation

(a) The person responsible for conducting the remediation shall investigate and remediate contaminated sites with Department oversight as specified in N.J.A.C. 7:26C and, in addition, in the following circumstances:

1. Sites suspected or known to be contaminated with anthropogenic radionuclide contamination of any media; and

2. Sites with immediate environmental concern conditions.