EP-5 Technical Application Sheet for All Permitted Waste Management Operations
(Found in Chapter A)

SUBCHAPTER A
DIVISION 4. REQUIREMENTS FOR ALL PERMITTED WASTE MANAGEMENT OPERATIONS

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APPLICATION REQUIREMENTS

§4.120. General Requirements for All Permitted Operations.

§4.120(a)
A waste management activity or facility that is not authorized under Subchapter A, Division 3, shall require a permit. The permit application contains requirements following Chapter 4, Subchapter A, for Division (5-9) permits.
☐ Yes ☐ No

§4.120(b)
The permit application listed all of the pit(s) associated with the facility.
☐ Yes ☐ No

§4.120(f)
The permit application is for the following operation:
☐ Division 5, Additional Requirements for Commercial Facilities.
☐ Division 6, Additional Requirements for Permitted Pits.
☐ Division 7, Landfarming and/or Landtreating.
☐ Division 8 Additional Requirements for Reclamation Plants.
☐ Division 9, Miscellaneous Permits.

§4.121. Permit Term

§4.121(b)
This application is for a permitted facility issued before July 1, 2025.
☐ Yes ☐ No

§4.122. Permit Renewals, Transfers, and Amendments.

§4.122(a)

This application is submitted for a:

☐ New Permit

☐ Permit Renewal

☐ Permit Transfer

☐ Permit Amendment

§4.122(b) Permit Renewals

(1) The permit renewal application was filed within 60 days from the permit expiration date.

☐ Yes ☐ No ☐ N/A

(2) The permittee included an updated closure cost estimate (CCE) for financial security in the permit renewal and in accordance with §3.78 of this title (relating to Fees and Financial Security Requirements).

☐ Yes ☐ No

The renewal permit CCE includes an estimate of the cost to conduct a NORM survey upon closure of the facility, as well as the cost to remove and dispose of NORM contaminated waste and the decontamination of associated tanks and equipment pursuant to Subchapter F of this chapter.

☐ Yes ☐ No ☐ NORM is not permitted for this facility.

The NORM survey was conducted before the application was submitted for a new permit and was submitted in the permit application.

☐ Yes ☐ No ☐ N/A

The NORM survey was conducted within the last 5 years before the submittal of the renewal permit application.

☐ Yes ☐ No ☐ N/A

(3) The permit renewal application will contain the required published requirements for notice found in §4.125 after the permit application is found by Technical Permitting to be administratively complete.

☐ Yes ☐ No

(5) The existing facility is compliant with the Commission rules and permit conditions, as verified by a facility and records inspection.
☐ Yes ☐ No

§4.122(c) Permit Transfers

(1) The Director was notified at least 60 days before the permit transfer occurred.
☐ Yes ☐ No ☐ N/A

(2) The permittee filed a closure cost estimate (CCE) for financial security in accordance with §3.78 of this title (relating to Fees and Financial Security Requirements). This answer must be yes before the permit can be issued.
☐ Yes ☐ No

(3) If the proposed transferee operator does not own the surface property, the transferee operator has provided evidence of the proposed transferee's authority to operate the facility in accordance with §4.126(b) of this title (relating to Location and Real Property Information) in the transfer request.
☐ Yes ☐ No

(4) The request to transfer a commercial permit associated with a Form P-4 (Certificate of Compliance and Transportation Authority) was submitted on
The Form P-4.
☐ Yes ☐ No

The request to transfer a commercial permit not associated with a Form P-4 was submitted in writing to the Director.
☐ Yes ☐ No

(6) The facility was verified by a records inspection as compliant with Commission rules and permit conditions before the permit transfer was requested.
☐ Yes ☐ No

(7) Will the permit transfer be issued through the current permitted expiration date?
☐ Yes ☐ No

Will the permit transfer be combined with a permit amendment and/or permit renewal to be considered for a maximum of a 5 year permit term?
☐ Yes ☐ No

§4.122(d) Permit Amendment

(2) The application for the amendment(s) to the permit was submitted at least 90 days before the proposed new operations are scheduled to commence.
☐ Yes ☐ No

(A) The amendment to the permit will change a pit construction, dimension, or capacity and was supported by submitting diagrams in the amendment for cross-sections, and other supporting information.
☐ Yes ☐ No ☐ N/A

(B) The amendment to the permit will increase the cost of closure and an updated closure cost estimate (CCE) for financial security and the updated CCE was submitted in the amendment to the permit application.
☐ Yes ☐ No ☐ N/A

(C) The permit amendment application will contain the required published requirements for notice found in §4.125 and will be submitted after the amendment application is administratively complete.
☐ Yes ☐ No

The permit amendment application requests the Director to reduce or waive notice based upon minimum impact to facility operations, waste management volumes, closure cost estimates, or potential for pollution to surface or subsurface waters.
☐ Yes ☐ No

(4) The facility was verified by a records inspection as compliant with Commission rules and permit conditions before the permit amendment was requested.
☐ Yes ☐ No

(5) The permit amendment will be issued through the current permitted expiration date.
☐ Yes ☐ No

The permit amendment will be combined with a permit amendment and/or permit renewal to be considered for a maximum of a 5 year permit term?
☐ Yes ☐ No

§4.124. Requirements Applicable to All Permit Applications and Reports.

§4.124(a)
The permit application is filed with the Technical Permitting Section. The application shall be filed by mail, hand delivery, or by an electronic process approved by the Director. The permit application is considered filed by the Commission on the day it is date-stamped by the Commission's Austin office.

Railroad Commission of Texas
EPS Technical Permitting
P.O. Box 12967
Austin, Texas 78711-2967

§4.124(c)
The permit application contains a signature, printed name, contact telephone number or email address, the date of signing, and the following certification: "I certify that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge."
☐ Yes ☐ No

§4.124(d)
The application includes all 6 items of the following information:
☐ Yes ☐ No

(1) the applicant's organization name;
(2) the applicant's organization report (P-5) number;
(3) the applicant's physical address, and mailing address if different;
(4) the name, telephone number, and email address of a contact person for the application, which can be someone within the applicant's organization or an agent;
(5) the identifying name of the proposed facility; and
(6) a general narrative description of the proposed management of oil and gas wastes at the facility.

§4.124(e) Technical Data Requirements

(1) The permit application has all geographic coordinates using the North American Datum (NAD) 83, in decimal degrees, to six decimal places for longitude and latitude.
☐ Yes ☐ No

(2) The permit application has all maps, plans, and diagrams drawn to scale and includes a scale, north arrow, title block, and legend. All submitted maps are reproduced on material suitable for a permanent record and on sheets 8-1/2 inches by 11 inches or, alternatively, 8-1/2 inches by 14 inches or 11 inches by 17 inches folded to standard letter size.
☐ Yes ☐ No

§4.124(e) (3) Laboratory Analysis

(A) All chemical laboratory analyses in the permit application were conducted using appropriate EPA methods or standard methods by an independent National Environmental Laboratory Accreditation Program (NELAP) certified laboratory that is neither owned nor operated by the permittee.
☐ Yes ☐ No

All samples collected for chemical laboratory analysis were collected and preserved according to analytical methods as specified in 40 Code of Federal Regulations (CFR) Part 136.
☐ Yes ☐ No

All geotechnical testing included in the permit application was performed by a laboratory certified to conduct geotechnical testing according to the standards specified by ASTM and the reports are certified by a professional engineer licensed in Texas.
☐ Yes ☐ No

(B) All chemical laboratory analytical results included in the permit application include the full laboratory analytical report and the corresponding chain of custody.
☐ Yes ☐ No

§4.124 (e)(4) NORM Screening Surveys

All the NORM screening surveys were performed using a properly calibrated scintillation meter with a sodium iodide detector (or equivalent), with the results reported in Microroentgens per hour. The manufacturer's specifications and relevant
calibration records were submitted in the permit application for all the devices used for NORM detection.
☐ Yes ☐ No

All equipment, including piping, pumps, and vessels were surveyed with readings taken around the circumference of the pits and to the extent possible, over the pits. The ground surrounding the equipment and pits were also surveyed in a systematic grid pattern and, at a minimum, ALL the following information was reported in the permit application.
☐ Yes ☐ No

(A) the date of the survey;
(B) the instrument used and the last calibration date;
(C) a background reading;
(D) a facility diagram showing where all readings, including the background, were taken;
(E) the readings (in Microroentgens per hour); and
(F) the full name of the person conducting the survey.

§4.124(f)
The application contains a stormwater management plan and diagrams
to segregate, manage, and dispose of all contact stormwater and non-contact stormwater at the facility.
☐ Yes ☐ No

§4.125. Notice and Opportunity to Protest.
The notice will be required after the permit application is declared administratively complete.

§4.126. Location and Real Property Information.

§4.126(a) The location of the facility:

(1) The permit application contains the location of the proposed facility, physical address, and the geographic coordinates of the center of the facility.
☐ Yes ☐ No

(2) The description of the facility:

(A) The permit application contains each surface owner of the properties, with their name, mailing address, and telephone number for each surface owner, or if any owner is not an individual, the name, mailing address, and telephone number of the contact person for that owner.
☐ Yes ☐ No

(B) The permit application contains a legal description of the property, including the survey name, abstract number, and size in acres.
☐ Yes ☐ No

§4.126(b)

The permit application includes a statement regarding the operator's authority to permit and operate the facility.
☐ Yes ☐ No

Proper authority supporting the operator's authority includes, but is not limited to:

(1) ownership of the property where the proposed facility is located;

(2) a leasehold interest in the oil and gas estate;

(3) written consent of the surface owner;

§4.126(c)

The permit application includes a general location map on a scale of not less than one inch equals 2,000 feet unless the size of a smaller facility is not discernable at that scale. The permit application includes all 7 of the items listed below on submitted maps and any other pertinent information regarding the regulated facility and associated activities.
☐ Yes ☐ No

Maps submitted in the permit application shall show ALL 7 items shown in the following:

(1) a scale and north arrow showing the tract size in square feet or acres, the section/survey lines, and the survey name and abstract number;

(2) the location of each regulated feature in decimal degrees to six decimal places of longitude and latitude;
(3) a clear outline of the proposed facility's boundaries;
(4) the distance to the nearest property line or public road;
(5) the tracts of land adjacent to the facility requiring notice as prescribed by the Commission;
(6) the name of the surface owners of such adjacent tracts; and
(7) other information requested by the Director reasonably related to the prevention of pollution.

§4.127. Engineering and Geologic Information.

§4.127(a)
The permit application contains all 4 engineering and geologic information requirements and the sources of the following information.
☐ Yes ☐ No ☐ Submitted in a separate report

(1) the identification of the soil and subsoil by typical name and description of the approximate proportion of grain sizes, texture, consistency, moisture condition, permeability, and other pertinent characteristics;
(2) the subsurface geology, including an assessment of the presence and characteristics of permeable and impermeable strata;
(3) the subsurface hydrogeology, including the depth to the shallowest groundwater, an assessment of groundwater quality, the direction of groundwater flow, groundwater use in the area, and any major and minor aquifers (as defined by the Texas Water Development Board) in the facility area; and
(4) any engineering, geological, or other information which the Director deems necessary to show that issuance of the permit will not result in the endangerment of human health and the environment, the waste of oil, gas, or geothermal resources, the pollution of surface or subsurface water, or a threat to the public health or safety.

§4.127(b)
The permit application contains information from a site investigation including soil borings, sampling, and analysis as required.
☐ Yes ☐ No ☐ Submitted in a separate report

§4.127(c)
The permit application contains the required §4.127, engineering and geologic information, that is sealed by a professional engineer or geoscientist licensed in Texas.
☐ Yes ☐ No

§4.128. Design and Construction.

§4.128(a)
The permit application shall contain the following:

(1) The permit application has a facility diagram on a scale that shows the entire facility and activities within the Commission's jurisdiction on a single page. The permit application facility diagram also shows the entire facility and activities within the Commission's jurisdiction also shows ALL of (A)-(G):
☐ Yes ☐ No ☐ Submitted in a separate report

(A) a clear outline of the proposed facility, property boundaries, and managed areas of oil and gas waste;
(B) all wells, pits, and any other activity under the jurisdiction of the Commission that may occur at the proposed facility;
(C) the location of all tanks and equipment;
(D) all berms, dikes, or secondary containment;
(E) all fences, roads, and paved areas;
(F) the shortest distance between the facility and waste management unit boundary to the nearest property line or public road; and
(G) the location of any pipelines within the facility boundaries;
☐ Yes ☐ No ☐ Submitted in a separate report

(2) The permit application contains a description of the type and thickness of liners (e.g., fiberglass, steel, concrete), if any, for all tanks, silos, pits, and storage areas or cells.
☐ Yes ☐ No ☐ Submitted in a separate report

(3) The permit application shows that the storage areas do not need tanks and/or liners, and that credible engineering and/or geologic information demonstrates that tanks or liners are not necessary for the protection of surface and subsurface water.
☐ Yes ☐ No ☐ Submitted in a separate report

(4) The permit application contains a map view and two perpendicular cross-sectional views of pits and/or storage areas or cells or berms and dikes and dimensions of each structure.
☐ Yes ☐ No ☐ Submitted in a separate report

(5) The permit application contains a plan to control and manage all stormwater runoff and to retain wastes during wet weather, including the location and dimensions of dikes and/or storage basins that would collect stormwater during a 25-year, 24-hour rainfall event, and all calculations made to determine the required capacity and design.
☐ Yes ☐ No ☐ Submitted in a separate report

§4.128(b) Design and Construction Requirements
The permit application contains ALL 6 items that are found in the following;
☐ Yes ☐ No ☐ The Permit will have all of these as permit provisions

(1) The permittee shall post signs at each entrance to the facility. The sign shall be readily visible and show the operator's name, facility name, and permit number in letters and numerals at least three inches in height.

(2) Dikes or containment structures shall be constructed around all areas managing oil and gas wastes. All earthen dikes surrounding pits and constructed as perimeter berms shall be compacted or constructed of material that meets 95% Standard Proctor (ASTM D698) or 90-92% Modified Proctor (ASTM D1557) density and meets a permeability of 1×10^{-7} cm/sec or less when compacted. During construction, successive lifts shall not exceed nine inches in thickness, and the surface between lifts shall be scarified to achieve a good seal. These structures shall be used to divert non-contact stormwater around the waste management unit and contain and isolate contact stormwater within the bermed area.

(3) Secondary containment shall be provided for all above-ground storage tanks. Secondary containment for a minimum of 120% total storage capacity is recommended. Secondary containment that will contain the largest tank's maximum capacity plus two feet of freeboard and capacity to contain the volume of precipitation from a 25-year, 24-hour rainfall event is acceptable.

(4) Contact stormwater shall be collected within 24 hours of accessibility and disposed of in an authorized manner.

(5) The facility shall maintain security to prevent unauthorized access. Fencing shall be required unless terrain or vegetation prevents vehicle or livestock access except through entrances with lockable gates. Access shall be secured by either a 24-hour attendant; or, if not attended, a six-foot-high security fence and locked gate to prevent vehicle or livestock access.

(6) All liner systems will be installed and maintained in a manner that will prevent pollution and/or the escape of the contents of the pit.

§4.129. Operation.

§4.129 (a) Application.
The permit application includes ALL 13 of the following:
☐ Yes ☐ No

(1) a description of the sources and types of wastes to be received;

(2) a description of plans for waste sampling and analysis;

(3) a description of all waste management operations including receipt, handling, storage, treatment, recycling, reclamation, and disposal, and the location of each operation;

(4) a description of how wastes will be transferred between waste management units within the facility;

(5) a description of any operational limitations, including the maximum amount of oil field fluids or oil and gas wastes that will be stored in any area at one time less the volume required to maintain the required two feet of freeboard and the volume of precipitation from a 25-year, 24-hour rainfall event;

(6) a description of plans to prevent, report, and control unauthorized access;

(7) a list of all chemicals to be used and their associated safety data sheets;

(8) plans for routine inspections, maintenance, and monitoring;

(9) a description of plans to prevent, report, and control spills and leaks;

(10) plans for controlling contact and non-contact stormwater runoff;

(11) plans for managing incoming wastes during wet weather;

(12) a description of plans for recordkeeping, including records of waste receipts and dispositions; and

(13) safety data sheets for any chemical or component proposed to be used in the treatment of waste at the facility.

GENERAL PERMIT PROVISIONS, BY RULE

§4.129(b) Operating requirements.
The permit provisions will provide that each facility shall be operated in accordance with the following requirements:

(1) The permittee shall only accept waste it is permitted to receive. The permittee shall only accept waste transported and delivered by a Commission-permitted waste hauler permitted pursuant to Division 10 of this subchapter (relating to Requirements for Oil and Gas Waste Transportation).

(2) No waste, treated or untreated, shall be placed directly on the ground.

(3) All storage tanks, equipment, and on-site containment shall be maintained in a leak-free condition. If inspection of a tank, on-site containment, or storage vessel reveals deterioration or leaks, the tank, on-site containment, or storage vessels shall be repaired or replaced before resuming use.

(4) Any spill of waste, chemical, or any other material shall be collected and containerized within 24 hours and processed through the treatment system or disposed of in an authorized manner.

(5) Any chemical used in the treatment process shall be stored in vessels designed for the safe storage of the chemical and these vessels shall be maintained in a leak-free condition.

(6) Any soil additives, stabilizers, bio-accelerators, or treatment chemicals shall be approved by the Director prior to use at the facility. Use of the chemical or

component is contingent upon Director approval. All chemicals and components shall be stored according to the manufacturer's specifications.

§4.130. Reporting.

The permit may include one or all of the permit provisions as follows:

(a) The permittee shall maintain for a period of at least three years records of each Waste Profile Form and Waste Manifest described in §4.190 and §4.191 of this title (relating to Oil and Gas Waste Characterization and Documentation, and Oil and Gas Waste Manifests, respectively) that the permittee generated or received.
(b) The permittee shall make all records required by this section available for review and/or copying upon request.

(c) If a permit requires submittal of monthly, quarterly, semi-annual, or annual reports, the report shall be submitted on a form prescribed by the Commission. If a Commission prescribed report form does not exist, the report shall contain a signature, printed name, contact telephone number or email address, the date of signing, and the following certification: "I certify that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge."

(d) If a permit requires submittal of monthly, quarterly, semi-annual, or annual reports, the report shall be submitted in accordance with the following requirements:

(1) If a permit requires quarterly reports, the quarterly reporting periods shall be January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31 of each year.

(2) If a permit requires quarterly, semi-annual, or annual reports, reports shall be made on a Commission-designated form or electronic filing system and submitted to the Technical Permitting Section and the Commission District Office no later than the 30th day of the month following each reporting period.

(3) If a permit requires monthly reports, the report shall be made on a Commission-designated form or electronic filing system and submitted to

the Technical Permitting Section and the District Office no later than the 15th day of the month following each reporting period.

(4) Reports may be filed with the Commission in paper form until one year after the date the Commission has the technological capability to receive electronic filings, at which time reports shall be filed electronically in a digital format acceptable to the Commission.

§4.131. Monitoring

§4.131(a) Application

The permit application provided all the information (1-2) requested below.
☐ Yes ☐ No

(1) a plan and schedule for conducting periodic inspections, including plans to inspect pits, equipment, processing, and storage areas; and

(2) a potentiometric contour map showing static water levels and the estimated direction of groundwater flow and the calculated gradient.

§4.131(b) Groundwater Monitoring Requirements

(1) If shallow groundwater is present within 100 feet below ground surface, groundwater monitoring wells may be required for some facilities, including but not limited to: brine pits, disposal pits, reclamation plants, commercial waste separation facilities, commercial recycling facilities, and commercial landfarming or landtreating facilities. Factors that the Commission will consider in assessing whether groundwater monitoring is required include:

(A) the volume and characteristics of the oil and gas waste to be managed at the facility;

(B) depth to, and quality of, groundwater within 100 feet below ground surface and:

(C) presence or absence of natural clay layers in subsurface soils.

(2) If the Director requires the operator to install groundwater monitoring wells, the operator shall comply with the following A-K):

(A) The operator shall submit a plan for the installation, sampling, and analysis of monitoring wells at the facility. The plan shall include information on the monitor well drilling method. A mud rotary drilling method shall not be used unless the depth to water has been established.

(B) The monitor wells shall be able to provide representative samples of groundwater underlying the site for the duration of facility operations. If a monitor well is not capable of providing a representative sample, the operator shall notify the Technical Permitting Section.

(C) If groundwater is not observed during drilling of the monitor wells, the soil boring shall be advanced to 100 feet. Borings shall be left open for a minimum of 24 hours to determine if groundwater is present.

(D) If shallow groundwater is present within 100 feet below ground surface at the site, a minimum of three groundwater monitoring wells shall be installed. Wells shall be spaced around the facility or pit, close to the facility operational area, with at least two wells on the estimated down-gradient side of the operational area. Additional wells may be required for larger facilities.

(E) The monitor wells shall be completed by a certified water well driller in accordance with 16 Texas Administrative Code, Part 4, Chapter 76 (relating to Water Well Drillers and Water Well Pump Installers).

(F) The monitor wells shall be completed to penetrate the shallowest groundwater zone, and the completion shall isolate that zone from any deeper groundwater zone.

(G) The screened interval of the groundwater monitoring wells shall be designed to intercept at least five feet of groundwater.

(H) The groundwater monitoring well screen shall extend above the static water level.

(I) The sand pack size shall be compatible with the well screen slot size, as well as the local lithology.

(J) The groundwater monitoring well heads shall be protected from damage by vehicles and heavy equipment.

(K) The groundwater monitoring wells shall be maintained in good condition with a lockable watertight expansion cap.

(L) After installation of the wells is complete, the applicant shall submit the following information:

(i) a soil boring lithologic log for each well, with the soils described using the Unified Soil Classification System (equivalent to ASTM D 2487 and 2488). The log shall also include the method of drilling, well specifications, slot size, riser and screen length, bentonite and cement intervals, total depth, and the top of the first encountered water or saturated soils; and

(ii) a survey elevation for each well head reference point (top of casing) relative to a real or arbitrary on-site benchmark and relative to mean sea level. Surveys shall be conducted by a licensed land surveyor.

(3) The applicant shall submit any other information necessary to address each of the operating requirements detailed in paragraph (4) of this subsection.

(4) If the Director requires the permittee to install groundwater monitoring wells, the permittee shall comply with the following requirements.

(A) The facility shall not manage oil and gas wastes at the facility until the groundwater monitoring wells are installed, the permittee submits the initial sample results to Technical Permitting Section, and Technical Permitting Section informs the permittee, in writing, that it may commence active operations.

(B) The permittee shall sample the wells after installation of the wells is complete and shall thereafter sample the wells in accordance with the schedule approved by the Technical Permitting Section, or as otherwise required by the Director.

(C) The following measurements and analyses shall be reported to Technical Permitting Section after any sampling event no later than 15 days after the permittee receives the laboratory analysis results: the static water level, pH, and concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons, total dissolved solids, soluble cations (calcium, magnesium, potassium, and sodium), and soluble anions (bromides, carbonates, chlorides, nitrates, and sulfates).

(D) If any of the parameters identified in subparagraph (C) of this paragraph indicate pollution, or the potential failure of the liner system, the Commission may require additional monitoring events and/or may require analysis of additional parameters.

§4.132. Closure

§4.132(a) Application

A permit application shall include a detailed plan for closure when operations at the facility or pit terminate. Has the permittee submitted a detailed plan for closure for the facility?
☐ Yes ☐ No

Has the permittee submitted ALL 6 of the items below in a general plan to be included in the closure plan?
☐ Yes ☐ No

(1) remove all wastes;
(2) demolish and/or remove any liners;
(3) remove dikes;
(4) backfill any excavations and contour and reseed disturbed areas;
(5) sample and analyze soil and, if applicable, groundwater throughout the facility;
(6) if applicable, plug groundwater monitoring wells;
(7) have financial security released once post closure activities are completed and approved by the Technical Permitting Section.

§4.132(b) Closure Requirements

The permittee shall close the facility or pit in accordance with ALL of the following requirements:

(1) The permittee shall notify the Technical Permitting Section and the District Office in writing at least 45 days prior to commencement of any closure operations.

(2) The permittee shall submit a detailed closure plan to the Technical Permitting Section at least 30 days prior to commencement of any closure activity. The Technical Permitting Section must approve the detailed closure plan before the permittee may initiate closure operations. The permittee shall comply with the closure plan approved by the Technical Permitting Section. The closure plan shall include the following information:

(A) the processing and removal of all wastes, chemicals, and waste-related materials from the facility for authorized reuse or disposal in an authorized manner;

(B) the removal and salvage of all equipment, if possible, or disposal of all equipment in an authorized manner;

(C) unless otherwise authorized, the cleaning and demolishment of all equipment and storage areas, including concrete pads, at the facility; and the disposal in an authorized manner of all rubble, wash-water, and rinsate;

(D) the excavation, removal, and disposal of all contaminated soils from beneath the liners and concrete pads;

(E) a soil sampling plan; and

(F) if required by the Director, a post-closure monitoring plan.

(3) Once the permittee has removed all waste, equipment, concrete pads, contaminated soil, and any other material in accordance with the closure plan, the permittee shall conduct soil sampling in accordance with the approved soil sampling plan. Soil samples shall be analyzed for the parameters in the permit and/or soil sampling plan and submitted to the Technical Permitting Section no later than 30 days after the permittee receives the laboratory results. The Technical Permitting Section may require the permittee to conduct additional closure operations if the soil sample results exceed the authorized limits and/or the Technical Permitting Section determines that additional remediation is required to prevent pollution caused or contributed to by operations at the facility.

(4) The permittee shall grade the pits, on site storage tanks, on site storage areas, and any other facility location to prevent rainfall from collecting at these locations.

(5) If the Director required a post-closure plan, the permittee shall conduct post-closure monitoring in accordance with the post-closure monitoring plan approved by the Technical Permitting Section.