

TITLE 35: ENVIRONMENTAL PROTECTION SUBTITLE G: WASTE DISPOSAL
CHAPTER I: POLLUTION CONTROL BOARD SUBCHAPTER d: UNDERGROUND
INJECTION CONTROL AND UNDERGROUND STORAGE TANK PROGRAMS
PART 732 PETROLEUM UNDERGROUND STORAGE TANKS
(RELEASES REPORTED SEPTEMBER 23, 1994, THROUGH JUNE 23, 2002)

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AUTHORITY: Implementing Sections 22.12 and 57-57.17 and authorized by Section 57.14 of the Environmental Protection Act [415 ILCS 5/22.12, 57-57.17].

SOURCE: Adopted in R94-2 at 18 Ill. Reg. 15008, effective September 23, 1994; amended in R97-10 at 21 Ill. Reg. 3617, effective July 1, 1997; amended in R01-26 at 26 Ill. Reg. 7119, effective April 29, 2002; amended in R at Ill. Reg. , effective .

NOTE: Italics denotes statutory language.

SUBPART A: GENERAL

Section 732.100 Applicability

- a) This Part applies to owners or operators of any underground storage tank system used to contain petroleum and for which a release was reported to Illinois Emergency Management Agency (IEMA) on or after September 23, 1994, but prior to June 24, 2002, in accordance with regulations adopted by the Office of State Fire Marshal (OSFM). It also applies to owners or operators that, prior to June 24, 2002, elected to proceed in accordance with this Part pursuant to Section 732.101 of this Part. This Part applies to owners or operators of any underground storage tank system used to contain petroleum and for which a release has been confirmed and required to be reported to Illinois Emergency Management Agency (IEMA) on or after September 23, 1994 in accordance with regulations adopted by the Office of State Fire Marshal (OSFM). It does not apply to owners or operators of sites for which the OSFM does not require a report to IEMA or for which the OSFM has issued or intends to issue a certificate of removal or abandonment pursuant to Section 57.5 of the Act ~~Environmental Protection Act (Act)~~ [415 ILCS 5/57.5]. ~~Owners or operators of any underground storage tank system used to contain petroleum and for which a release was reported to IEMA on or before September 12, 1993, may elect to proceed in accordance with this Part pursuant to Section 732.101.~~
- b) Upon the receipt of a corrective action order issued by ~~from~~ the OSFM prior to June 24, 2002, and pursuant to Section 57.5(g) of the Act, where the OSFM has determined that a release poses a threat to human health or the environment, the owner or operator of any underground storage tank system used to contain petroleum and taken out of operation before January 2, 1974, or any underground storage tank system used exclusively to store heating oil for consumptive use on the premises where stored and which serves other than a farm or residential unit shall conduct corrective action in accordance with this Part.
- c) Owners or operators subject to this Part by law or by election shall proceed expeditiously to comply with all requirements of the Act and the regulations and to obtain the No Further Remediation Letter signifying final disposition of the site for purposes of this Part. The Agency may use its authority pursuant to the Act

and Section 732.105 of this Part to expedite investigative, preventive or corrective action by an owner or operator or to initiate such action.

- d) The following underground storage tank systems are excluded from the requirements of this Part:
- 1) Equipment or machinery that contains petroleum substances for operational purposes such as hydraulic lift tanks and electrical equipment tanks.
 - 2) Any underground storage tank system whose capacity is 110 gallons or less.
 - 3) Any underground storage tank system that contains a de minimis concentration of petroleum substances.
 - 4) Any emergency spill or overfill containment underground storage tank system that is expeditiously emptied after use.
 - 5) Any wastewater treatment tank system that is part of a wastewater treatment facility regulated under Section 402 or 307(b) of the Clean Water Act (33 U.S.C. 1251 *et seq.* (1972)).
 - 6) Any UST system holding hazardous waste listed or identified under Subtitle C of the Solid Waste Disposal Act (42 U.S.C. 3251 *et seq.*) or a mixture of such hazardous waste or other regulated substances.
- e) Owners or operators subject to this Part may, pursuant to 35 Ill. Adm. Code 734.105, elect to proceed in accordance with 35 Ill. Adm. Code 734 instead of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.101 Election to Proceed under Part 732

- a) Prior to June 24, 2002, owners ~~Owners~~ or operators of any underground storage tank system used to contain petroleum and for which a release was reported to the proper State authority on or before September 12, 1993, were able to may elect to proceed in accordance with this Part by submitting to the Agency a written statement of such election signed by the owner or operator. Such election shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. Corrective action shall then follow the requirements of this Part. The election became shall be effective upon receipt by the Agency and shall not be withdrawn once made. However, an owner or operator that elected to proceed in accordance with this Part may, pursuant to 35 Ill. Adm. Code 734.105, elect to proceed in accordance with 35 Ill. Adm. Code

734 instead of this Part.

- b) Prior to June 24, 2002, except ~~Except~~ as provided in Section 732.100(b) of this Part, owners or operators of underground storage tanks (USTs) used exclusively to store heating oil for consumptive use on the premises where stored and that serve other than a farm or residential unit were able to ~~may~~ elect to proceed in accordance with this Part by submitting to the Agency a written statement of such election signed by the owner or operator. ~~Such election shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. Corrective action shall then follow the requirements of this Part.~~ The election became ~~shall be~~ effective upon receipt by the Agency and shall not be withdrawn ~~once made~~. However, an owner or operator that elected to proceed in accordance with this Part may, pursuant to 35 Ill. Adm. Code 734.105, elect to proceed in accordance with 35 Ill. Adm. Code 734 instead of this Part.
- c) If the owner or operator ~~elected~~ elects to proceed pursuant to this Part, corrective action costs incurred in connection with the release and prior to the notification of election shall be payable from the Fund or reimbursable in the same manner as was allowable under the law applicable to the owner or operator prior to the notification of election then existing law. ~~Corrective action costs incurred after the notification of election shall be payable from the Fund or reimbursable in accordance with Subparts E and F of this Part. Corrective action costs incurred on or after the effective date of an election to proceed in accordance with 35 Ill. Adm. Code 734 shall be payable from the Fund in accordance with that Part.~~

(Source: Amended at Ill. Reg. , effective)

Section 732.103 Definitions

Except as stated in this Section, or unless a different meaning of a word or term is clear from the context, the definitions of words or terms in this Part shall be the same as that applied to the same words or terms in the Environmental Protection Act [415 ILCS 5].

“Act” means the Environmental Protection Act [415 ILCS 5].

“Agency” means the Illinois Environmental Protection Agency.

“Alternative Technology” means a process or technique, other than conventional technology, used to perform a corrective action with respect to soils contaminated by releases of petroleum from an underground storage tank.

“Bid Unit Rate” means the lowest bid price per Unit of Measure for Standard Products and Services that is obtained via competitive bidding pursuant to Section 732.855. The price may be more than the Expedited Unit Rate and/or the Maximum Unit Rate. If the Bid Unit Rate is more than the Expedited Unit Rate

or the Maximum Unit Rate the Bid Unit Rate shall be presumed reasonable for purposes of reimbursement. If the owner or operator demonstrates that any bid is deficient or non-responsive it may be disqualified from the bidding process and the lowest qualified bid shall become the Bid Unit Rate.

"Billing Method" means the Agency-accepted method for pricing Standard Products and Services. The acceptable Billing Methods for Standard Products and Services provided in Appendix E are: "unit price" and "time and materials".

"Board" means the Illinois Pollution Control Board.

"Bodily Injury" means bodily injury, sickness, or disease sustained by a person, including death at any time, resulting from a release of petroleum from an underground storage tank [415 ILCS 5/57.2].

"Class I groundwater" means groundwater that meets the Class I: potable resource groundwater criteria set forth in the board regulations adopted pursuant to the Illinois Groundwater Protection Act [415 ILCS 5/57.2].

"Class III groundwater" means groundwater that meets the Class III: special resource groundwater criteria set forth in the board regulations adopted pursuant to the Illinois Groundwater Protection Act [415 ILCS 5/57.2].

"Community water supply" means a public water supply which serves or is intended to serve at least 15 service connections used by residents or regularly serves at least 25 residents [415 ILCS 5/3.145].

"Confirmed Exceedence" means laboratory verification of an exceedence of the applicable remediation groundwater quality standards or objectives.

"Confirmation of a release" means the confirmation of a release of petroleum in accordance with regulations promulgated by the Office of the State Fire Marshal at 41 Ill. Adm. Code 170.

"Confirmed Release" means a release of petroleum that has been confirmed in accordance with regulations promulgated by the Office of the State Fire Marshal at 41 Ill. Adm. Code 170.

"Consultant" means the party contracted to the owner or operator that provides the Standard Products and Services listed in Section III of Appendix E necessary to design, oversee, analyze, manage and document investigative and remedial activities during a corrective action project, as well as the professional consulting services necessary to perform all Agency required activities, including, but not limited to, planning, budgeting, reporting correspondence, etc.

"Contractor" means the party that may be contracted either to the owner or operator or the Consultant and who provides the Standard Products and Services listed in Section I of Appendix E.

"Conventional Technology" means a process or technique to perform a corrective action by removal, transportation and disposal of soils contaminated by a release of petroleum from an underground storage tank in accordance with applicable laws and regulations, but without processing to remove petroleum from the soils.

"Corrective action" means activities associated with compliance with the provisions of Sections 57.6 and 57.7 of the Act [415 ILCS 5/57.2].

"County highway" means county highway as defined in the Illinois Highway Code [605 ILCS 5].

"District road" means district road as defined in the Illinois Highway Code [605 ILCS 5].

"Environmental Land Use Control" means Environmental Land Use Control as defined in 35 Ill. Adm. Code 742.200. ~~an instrument that meets the requirements of these regulations and is placed in the chain of title to real property that limits or places requirements upon the use of the property for the purpose of protecting human health or the environment, is binding upon the property owner, heirs, successors, assigns, and lessees, and runs in perpetuity or until the Agency approves, in writing, removal of the limitation or requirement from the chain of title.~~

"Expedited Applications for Payment" means applications for payment exclusively utilizing Expedited and/or Bid Unit Rates pursuant to Subpart H of this Part

"Expedited Plans and Budgets" means plans and budgets exclusively utilizing Expedited and/or Bid Unit Rates pursuant to Subpart H of this Part.

"Expedited Unit Rate" means the rate/price per unit of measure of Standard Products and Services published in Appendix E of this Part. For purposes of administering and making payments from the Fund, the Agency shall presume that a unit price for Standard Products and Services less than or equal to the Expedited Unit Price is reasonable.

"Extended Cost" means the Expedited Unit Rate or allowable Maximum Unit Rate for Standard Products and Services multiplied by the Reasonable Quantity.

"Extraordinary Unit Rate" means a unit rate for Standard Products and Services that is approved pursuant to the provisions of Section 732.862

"Federal Landholding Entity" means that federal department, agency or instrumentality with the authority to occupy and control the day-to-day use, operation and management of Federally Owned Property.

"Federally Owned Property" means real property owned in fee simple by the United States on which an institutional control is or institutional controls are sought to be placed in accordance with this Part.

"Fill material" means non-native or disturbed materials used to bed and backfill around an underground storage tank [415 ILCS 5/57.2].

"Financial interest" means any ownership interest, legal or beneficial, or being in the relationship of director, officer, employee, or other active participant in the affairs of a party. Financial interest does not include ownership of publicly traded stock.

"Free Product" means a contaminant that is present as a non-aqueous phase liquid for chemicals whose melting point is less than 30°C (e.g., liquid not dissolved in water).

"Full Accounting" means a compilation of documentation to establish, substantiate and justify the nature and extent of the corrective action costs incurred by an owner or operator.

"Fund" means the Underground Storage Tank Fund ~~underground storage tank fund~~ [415 ILCS 5/57.2].

"GIS" means Geographic Information System.

"GPS" means Global Positioning System.

"Groundwater" means underground water which occurs within the saturated zone and geologic materials where the fluid pressure in the pore space is equal to or greater than atmospheric pressure [415 ILCS 5/3.210] [415 ILCS 5/3.64].

~~"Half day" means four hours, or a fraction thereof, of billable work time. Half days must be based upon the total number of hours worked in one calendar day. The total number of half days per calendar day may exceed two.~~

"Handling Charges" means administrative, insurance, and interest costs and a reasonable profit for procurement, oversight, and payment of subcontracts and field purchases.

"Heating oil" means petroleum that is No. 1, No. 2, No. 4 -light, No. 4 -heavy, No. 5 -light, No. 5 -heavy or No. 6 technical grades of fuel oil; and other residual fuel oils including navy special fuel oil and bunker c. [415 ILCS 5/57.2].

"Highway authority" means the Illinois Department of Transportation with respect to a State highway; the Illinois State Toll Highway Authority with respect to a toll highway; the county board with respect to a county highway or a county unit district road if a discretionary function is involved and the county superintendent of highways if a ministerial function is involved; the highway commissioner with respect to a township or district road not in a county or unit road district; or the corporate authorities of a municipality with respect to a municipal street [605 ILCS 5/2-213].

"Highway Authority Agreement" means an agreement with a highway authority that meets the requirements of 35 Ill. Adm. Code 742.1020.

"IEMA" means the Illinois Emergency Management Agency.

"Indemnification" means indemnification of an owner or operator for the amount of judgment entered against the owner or operator in a court of law, for the amount of any final order or determination made against the owner or operator by any agency of State government or any subdivision thereof, or for the amount of any settlement entered into by the owner or operator, if the judgment, order, determination, or settlement arises out of bodily injury or property damage suffered as a result of a release of petroleum from an underground storage tank owned or operated by the owner or operator [415 ILCS 5/57.2].

"Indicator contaminants" means the indicator contaminants set forth in Section 732.310 of this Part.

"Institutional Control" means a legal mechanism for imposing a restriction on land use as described in 35 Ill. Adm. Code 742, Subpart J.

"Justified Unit Rate" means a price per Unit of Measure for Standard Product and Service that is greater than the Expedited Unit Rate, but less than the Maximum Unit Rate but that is acceptable for purposes of reimbursement due to the fact that the product or service has been shown to meet the requirements for justification pursuant to the provisions of Section 732.860.

"Land Use Control Memorandum of Agreement" means an agreement entered into between one or more agencies of the United States and the Illinois Environmental Protection Agency that limits or places requirements upon the use of Federally Owned Property for the purpose of protecting human health or the environment, or that is used to perfect a No Further Remediation Letter that contains land use restrictions.

"Licensed Professional Engineer" ~~"Licensed professional engineer"~~ means a person, corporation or partnership licensed under the laws of the State of Illinois to practice professional engineering [415 ILCS 5/57.2].

"Licensed Professional Geologist" means a person licensed under the laws of the State of Illinois to practice as a professional geologist [415 ILCS 5/57.2].

~~"Line Item Estimate" means an estimate of the costs associated with each line item (including, but not necessarily limited to, personnel, equipment, travel, etc.) that an owner or operator anticipates will be incurred for the development, implementation and completion of a plan or report.~~

"Man-made Pathway" means constructed routes that may allow for the transport of mobile petroleum free-liquid or petroleum-based vapors including, but not limited to, sewers, utility lines, utility vaults, building foundations, basements, crawl spaces, drainage ditches or previously excavated and filled areas.

~~"Maximum Unit Rate" means maximum price per unit of measure that the Agency may pay from the Fund pursuant to the provisions of Section 732.860 for Standard Products and Services listed in Appendix E. This unit rate is equal to the average costs of the Product or Service from the IEPA's database, plus two standard deviations.~~

"Monitoring Well" means a water well intended for the purpose of determining groundwater quality or quantity.

"Natural Pathway" means natural routes for the transport of mobile petroleum free-liquid or petroleum-based vapors including, but not limited to, soil, groundwater, sand seams and lenses and gravel seams and lenses.

"Non-community water supply" means a public water supply that is not a community water supply [415 ILCS 5/3.145].

~~"Non-Expedited Plans and Budgets" means plans and budgets not exclusively utilizing Expedited and/or Bid Unit Rates pursuant to Subpart H of this Part.~~

~~"Non-Expedited Applications for Payment" means applications for payment not exclusively utilizing Expedited and/or Bid Unit Rates pursuant to Subpart H of this Part.~~

"Occurrence" means an accident, including continuous or repeated exposure to conditions, that results in a sudden or nonsudden release from an underground storage tank [415 ILCS 5/57.2].

"OSFM" means the Office of the State Fire Marshal.

"Operator" means any person in control of, or having responsibility for, the daily operation of the underground storage tank. (Derived from 42 USC 6991)

BOARD NOTE: A person who voluntarily undertakes action to remove an underground storage tank system from the ground shall not be deemed an "operator" merely by the undertaking of such action.

"Owner" means:

In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances;

In the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such underground storage tank immediately before the discontinuation of its use. (Derived from 42 USC 6991)

"Perfect" or "Perfected" means recorded or filed for record so as to place the public on notice, or as otherwise provided in Sections subsections 732.703(c) and (d) of this Part.

"Person" means, for the purposes of interpreting the definitions of the terms "owner" or "operator," an individual, trust, firm, joint stock company, joint venture, consortium, commercial entity, corporation (including a government corporation), partnership, association, State, municipality, commission, political subdivision of a State, or any interstate body and shall include the United States Government and each department, agency, and instrumentality of the United States. (Derived from 42 USC 6991)

"Phase of Work" means the significant milestones of work to be completed pursuant to this Part. These are the Early Action Phase, the Site Investigation Phase and the Corrective Action Phase.

"Petroleum" means petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60°F and 14.7 pounds per square inch absolute). (Derived from 42 USC 6991)

"Physical soil classification" means verification of geological conditions consistent with regulations for identifying and protecting potable resource groundwater or verification that subsurface strata are as generally mapped in the publication Illinois Geological Survey Circular (1984) entitled "Potential For Contamination Of Shallow Aquifers In Illinois," by Berg, Richard C., et al. Such classification may include review of soil borings, well logs, physical soil analysis, regional geologic maps, or other scientific publications [415 ILCS 5/57.2].

"Potable" means generally fit for human consumption in accordance with accepted water supply principles and practices [415 ILCS 5/3.340] [415

ILCS 5/3.65].

"Practical quantitation limit" ("PQL") means the lowest concentration that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method during routine laboratory operating conditions in accordance with "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846, incorporated by reference at Section 732.104 of this Part. For filtered water samples, PQL also means the Method Detection Limit or Estimated Detection Limit in accordance with the applicable method revision in: "Methods for the Determination of Metals in Environmental Samples," EPA Publication No. EPA/600/4-91/010; "Methods for the Determination of Metals in Environmental Samples, Supplement I," EPA Publication No. EPA/600/R-94/111; "Methods for the Determination of Organic Compounds in Drinking Water," EPA Publication No. EPA/600/4-88/039; "Methods for the Determination of Organic Compounds in Drinking Water, Supplement II," EPA Publication No. EPA/600/R-92/129; or "Methods for the Determination of Organic Compounds in Drinking Water, Supplement III," EPA Publication No. EPA/600/R-95/131, all of which are incorporated by reference at Section 732.104 of this Part.

"Property damage" means physical injury to, destruction of, or contamination of tangible property owned by a person other than an owner or operator of the UST from which a release of petroleum has occurred and which tangible property is located off the site where the release occurred. Property damage includes all resulting loss of use of that property; or loss of use of tangible property that is not physically injured, destroyed or contaminated, but has been evacuated, withdrawn from use, or rendered inaccessible because of a release of petroleum from an underground storage tank-[415 ILCS 5/57.2].

"Public water supply" means all mains, pipes and structures through which water is obtained and distributed to the public, including wells and well structures, intakes and cribs, pumping stations, treatment plants, reservoirs, storage tanks and appurtenances, collectively or severally, actually used or intended for use for the purpose of furnishing water for drinking or general domestic use and which serve at least 15 service connections or which regularly serve at least 25 persons at least 60 days per year. A public water supply is either a "community water supply" or a "non-community water supply" [415 ILCS 5/3.365].

"Reasonable Quantity" Per the provisions of 732.805 (b) the number of Units of Measure of Standard Products and Services or products or services approved on a site specific basis pursuant to the provisions of 732.805(a)(ii) that are considered to be reasonable in relation to the performance of a particular Task.

"Registration" means registration of an underground storage tank with the OSFM in accordance with Section 4 of the Gasoline Storage Act [430 ILCS

15/4].

“Regulated recharge area” means a compact geographic area, as determined by the Board, the geology of which renders a potable resource groundwater particularly susceptible to contamination [415 ILCS 5/3.390] [415 ILCS 5/3.67].

“Regulated Substance” means any substance defined in Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 USC Sec. 9601(14)) (but not including any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (42 USC 6921 et seq.)), and petroleum ~~Petroleum~~. (Derived from 42 USC 6991)

“Release” means any spilling, leaking, emitting, discharging, escaping, leaching, or disposing of petroleum from an underground storage tank into groundwater, surface water or subsurface soils [415 ILCS 5/57.2].

“Residential Tank” means an underground storage tank located on property used primarily for dwelling purposes.

“Residential Unit” means a structure used primarily for dwelling purposes including multi-unit dwellings such as apartment buildings, condominiums, cooperatives or dormitories.

“Right-of-way” means the land, or interest therein, acquired for or devoted to a highway [605 ILCS 5/2-217].

“Setback Zone” means a geographic area, designated pursuant to the Act or regulations (35 Ill. Adm. Code, Subtitle F), containing a potable water supply well or a potential source or potential route, having a continuous boundary, and within which certain prohibitions or regulations are applicable in order to protect groundwater [415 ILCS 5/3.450]. [415 ILCS 5/3.61].

“Site” means any single location, place, ~~tract~~ tract of land or parcel of property including contiguous property not separated by a public right-of-way [415 ILCS 5/57.2].

“Standard Products and Services” [Also referred to as “Products and Services”] means the standardized environmental products and services that may be necessary on a Task specific basis in order to comply with the provisions of this Part. Standard Products and Services are listed in Appendix E. A product or service not listed in Appendix E may be approved on a site specific basis pursuant to the provisions of 732.800 (a) (ii).

“Standardized Task” means an individual work activity that may be required to be completed in order to comply with the provisions of this Part. Standardized Tasks are published in Appendix D of this Part. [Also referred to as Task(s)].

"State highway" means state highway as defined in the Illinois Highway Code [605 ILCS 5].

"Stratigraphic Unit" means a site-specific geologic unit of native deposited material and/or bedrock of varying thickness (e.g., sand, gravel, silt, clay, bedrock, etc.). A change in stratigraphic unit is recognized by a clearly distinct contrast in geologic material or a change in physical features within a zone of gradation. For the purposes of this Part, a change in stratigraphic unit is identified by one or a combination of differences in physical features such as texture, cementation, fabric, composition, density, and/or permeability of the native material and/or bedrock.

"Street" means street as defined in the Illinois Highway Code [605 ILCS 5].

"Surface Body of Water" or "Surface Water Body" means a natural or man-made body of water on the ground surface including, but not limited to, lakes, ponds, reservoirs, retention ponds, rivers, streams, creeks and drainage ditches. Surface body of water does not include puddles or other accumulations of precipitation, run-off or groundwater in UST excavations.

"Tank Field" means all underground storage tanks at a site that reside within a circle with a 100 foot radius.

"Toll highway" means toll highway as defined in the Toll Highway Act [605 ILCS 10].

"Township road" means township road as defined in the Illinois Highway Code [605 ILCS 5].

"Underground Storage Tank" or "UST" means any one or combination of tanks (including underground pipes connected thereto) which is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10 per centum or more beneath the surface of the ground. Such term does not include any of the following or any pipes connected thereto:

Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

Septic tank;

Pipeline facility (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968 (49 USC App. 1671 et seq.), or the Hazardous Liquid Pipeline Safety Act of 1979 (49 USC App. 2001 et seq.), or which is an intrastate pipeline facility regulated under State laws

as provided in either of these provisions of law, and that is determined by the Secretary of Energy to be connected to a pipeline or to be operated or intended to be capable of operating at pipeline pressure or as an integral part of a pipeline;

Surface impoundment, pit, pond, or lagoon;

Storm water or waste water collection system;

Flow-through process tank;

Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated on or above the surface of the floor. (Derived from 42 USC § 6991)

The term "underground storage tank" shall also mean an underground storage tank used exclusively to store heating oil for consumptive use on the premises where stored and which serves other than a farm or residential unit [415 ILCS 5/57.2].

"Unit(s) of Measure" means the objective metric utilized to establish the basis for pricing a product or service. Examples include, but are not limited to "gallon", "hour", "cubic yard", etc.

"UST system" or "tank system" means an underground storage tank, connected underground piping, underground ancillary equipment, and containment system, if any.

"Wellhead Protection Area" means the wellhead protection area of a community water supply well as determined under the Agency's wellhead protection program pursuant to 42 USC § 300h-7.

(Source: Amended at Ill. Reg. , effective)

Section 732.104 Incorporations by Reference

- a) The Board incorporates the following material by reference:

ASTM. American Society for Testing and Materials, 100 Barr Harbor Drive,
P.O. Box C700, West Conshohocken, PA, 19428-2959 (610) 832-9585

ASTM D 422-63, Standard Test Method for Particle-Size Analysis of

Soils, approved November 21, 1963 (reapproved 1990).

ASTM D 1140-92, Standard Test Method for Amount of Material in Soils Finer than the No. 200 (75 μ m) Sieve, approved November 15, 1992.

ASTM D 2216-92, Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock, approved June 15, 1992.

ASTM D 4643-93, Standard Test Method for Determination of Water (Moisture) Content of Soil by the Microwave Oven Method, approved July 15, 1993.

ASTM D 2487-93, Standard Test Method for Classification of Soils for Engineering Purposes, approved September 15, 1993.

ASTM D 2488-93, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), approved September 15, 1993.

ASTM D 5084-90, Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter, approved June 22, 1990.

ASTM D 4525-90, Standard Test Method for Permeability of Rocks by Flowing Air, approved May 25, 1990.

ASTM D 1587-83, Standard Practice for Thin-Walled Tube Sampling of Soils, approved August 17, 1983.

ISGS. Illinois State Geological Survey, 615 E. Peabody Drive, Champaign, IL 61820-6964 (217) 333-4747

Richard C. Berg, John P. Kempton, Keros Cartwright, "Potential for Contamination of Shallow Aquifers in Illinois" (1984), Circular No. 532.

NTIS. National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 (703) 605-6000 or (800) 553-6847

~~"Methods for Chemical Analysis of Water and Wastes," EPA Publication No. EPA-600/4-79-020 (March 1983), Doc. No. PB 84-128677.~~

"Methods for the Determination of Metals in Environmental Samples," EPA Publication No. EPA/600/4-91/010 (June 1991);

"Methods for the Determination of Metals in Environmental Samples, Supplement I," EPA Publication No. EPA/600/R-94/111 (May 1994);

"Methods for the Determination of Organic Compounds in Drinking Water," EPA Publication No. EPA/600/4-88/039 (December 1988) (revised July 1991); "Methods for the Determination of Organic Compounds in Drinking Water," EPA, EMSL, EPA 600/4-88/039 (December 1988), Doc. No. PB 89-220461.

"Methods for the Determination of Organic Compounds in Drinking Water, Supplement II," EPA Publication No. EPA/600/R-92/129 (August 1992);

"Methods for the Determination of Organic Compounds in Drinking Water, Supplement III," EPA Publication No. EPA/600/R-95/131 (August 1995);

"Practical Guide for Ground Water Sampling," EPA Publication No. EPA-600/2-85/104 (September 1985), Doc. No. PB 86-137304.

"Rapid Assessment of Exposure to Particulate Emissions from Surface Contamination Sites," EPA Publication No. EPA-600/8-85/002 (February 1985), Doc. No. PB 85-192219.

"Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846, Third Edition (September 1986), as amended by Updates I, IIA, III, and IIIA (Final Update IIIA dated April 1998), Doc. No. 955-001-00000-1.

USGS, United States Geological Survey, 1961 Stout Street, Denver, CO 80294 (303) 844-4169

"Techniques of Water Resources Investigations of the United States Geological Survey, Guidelines for Collection and Field Analysis of Ground Water Samples for Selected Unstable Constituents," Book I, Chapter D2 (1981).

b) — CFR (Code of Federal Regulations). Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (202) 783-3238
40 CFR 261, Appendix II (1992).
40 CFR 761, Subpart G (2000).

b)e) — This Section incorporates no later editions or amendments.

(Source: Amended at Ill. Reg. , effective)

Section 732.106 Laboratory Certification

All quantitative analyses of samples collected on or after January 1, 2003, and utilizing any of the approved test methods identified in 35 Ill. Adm. Code 186.180, shall be completed by an accredited laboratory in accordance with the requirements of 35 Ill. Adm. Code 186. A certification from the accredited laboratory stating that the samples were analyzed in accordance with the requirements of this Section shall be included with the sample results when they are submitted to the Agency. Quantitative analyses not utilizing an accredited laboratory in accordance with Part 186 shall be deemed invalid.

(Source: Amended at Ill. Reg. , effective)

Section 732.108 Licensed Professional Engineer or Licensed Professional Geologist Supervision

All investigations, plans, budget plans, and reports conducted or prepared under this Part, excluding Corrective Action Completion Reports submitted pursuant to Sections 732.300(b) or 732.409 of this Part, must be conducted or prepared under the supervision of a Licensed Professional Engineer or Licensed Professional Geologist. High Priority Corrective Action Completion Reports submitted pursuant to Sections 732.300(b) or 732.409 of this Part must be prepared under the supervision of a Licensed Professional Engineer.

(Source: Added at Ill. Reg. , effective)

Section 732.110 Form and Delivery of Plans, Budget Plans, and Reports; Signatures and Certifications

- a) All plans, budget plans, and reports must be submitted to the Agency on forms prescribed and provided by the Agency and, if specified by the Agency in writing, in an electronic format. ~~At a minimum, a~~All site maps submitted to the Agency must meet the following requirements:
- 1) The maps must be of sufficient detail and accuracy to show required information;
 - 2) The maps must contain the map scale, an arrow indicating north orientation, and the date the map was created or revised; and
 - 3) The maps must show the following:
 - A) The property boundary lines of the site, properties adjacent to the site, and other properties that are, or may be, adversely affected by the release;
 - B) The uses of the site, properties adjacent to the site, and other properties that are, or may be, adversely affected by the release;

- C) The locations of all current and former USTs at the site, and the contents of each UST; and
 - D) All structures, other improvements, and other features at the site, properties adjacent to the site, and other properties that are, or may be, adversely affected by the release, including but not limited to buildings, pump islands, canopies, roadways and other paved areas, utilities, easements, rights-of-way, and actual or potential natural or man-made pathways.
- b) All plans, budget plans, and reports must be mailed or delivered to the address designated by the Agency. The Agency's record of the date of receipt must be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.
- c) All plans, budget plans, and reports must be signed by the owner or operator and list the owner's or operator's full name, address, and telephone number.
- d) All plans, budget plans, and reports submitted pursuant to this Part, excluding Corrective Action Completion Reports submitted pursuant to Sections 732.300(b) or 732.409 of this Part, must contain the following certification from a Licensed Professional Engineer or Licensed Professional Geologist. Corrective Action Completion Reports submitted pursuant to Sections 732.300(b) or 732.409 of this Part must contain the following certification from a Licensed Professional Engineer.
- I certify under penalty of law that all activities that are the subject of this plan, budget plan, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget plan, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in the plan, budget plan, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 732, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Agency, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].
- e) Except in the case of sites subject to Section 732.703(c) or (d) of this Part, reports documenting the completion of corrective action at a site must contain a form addressing site ownership. At a minimum, the form must identify the land use limitations proposed for the site, if land use limitations are proposed; the site's common address, legal description, and real estate tax/parcel index number; and

the names and addresses of all title holders of record of the site or any portion of the site. The form must also contain the following certification, by original signature, of all title holders of record of the site or any portion of the site, or the agent(s) of such person(s):

I hereby affirm that I have reviewed the attached report entitled _____ and dated _____, and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further affirm that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the report upon the property I own.

(Source: Added at Ill. Reg. , effective _____)

Section 732.112 Notification of Field Activities

The Agency may require owners and operators to notify the Agency of field activities prior to the date the field activities take place. The notice must include information prescribed by the Agency, and may include, but is not be limited to, a description of the field activities to be conducted, the person conducting the activities, and the date, time, and place the activities will be conducted. The Agency may, but is not required to, allow notification by telephone, facsimile, or electronic mail. This Section does not apply to activities conducted within 45 days plus 14 days after initial notification to IEMA of a release, or to free product removal activities conducted within 45 days plus 14 days after the confirmation of the presence of free product.

(Source: Added at Ill. Reg. , effective _____)

Section 732.114 LUST Advisory Committee

Once each calendar quarter the Agency must meet with a LUST Advisory Committee to discuss the Agency's implementation of this Part, provided that the Agency or members of the Committee raise one or more issues for discussion. The LUST Advisory Committee must consist of the following individuals: one member designated by the Illinois Petroleum Marketers Association, one member designated by the Illinois Petroleum Council, one member designated by the American Consulting Engineers Council of Illinois, one member designated by the Illinois Society of Professional Engineers, one member designated by the Illinois Chapter of the American Institute of Professional Geologists, one member designated by the Professionals of Illinois for the Protection of the Environment, one member designated by the Illinois Association of Environmental Laboratories, one member designated by the Illinois Environmental Regulatory Group, one member designated by the Office of the State Fire Marshal, and one member designated by the Illinois Department of Transportation, and two members designated by the Governor to represent the interest of owners/operators that own a single UST site. Members of the LUST Advisory Committee must serve without compensation.

(Source: Added at Ill. Reg. , effective _____)

SUBPART B: EARLY ACTION

Section 732.200 General

Owners and operators of underground storage tanks shall, in response to all confirmed releases of petroleum, comply with all applicable statutory and regulatory reporting and response requirements. [415 ILCS 5/57.6](Section 57.6(a) of the Act) No work plan or corresponding budget plan shall be required for conducting early action activities, excluding free product removal activities conducted more than 45 days after confirmation of the presence of free product.

(Source: Amended at Ill. Reg. , effective)

Section 732.202 Early Action

- a) Upon confirmation of a release of petroleum from an UST system in accordance with regulations promulgated by the OSFM, the owner or operator, or both, shall perform the following initial response actions within 24 hours after the release:
 - 1) Report the release to IEMA (e.g., by telephone or electronic mail);
 - 2) Take immediate action to prevent any further release of the regulated substance to the environment; and
 - 3) Identify and mitigate fire, explosion and vapor hazards.
- b) Within 20 days after initial notification to IEMA of a release plus 14 days, after confirmation of a release of petroleum from a UST system in accordance with regulations promulgated by the OSFM, the owner or operator shall perform the following initial abatement measures:
 - 1) Remove as much of the petroleum from the UST system as is necessary to prevent further release into the environment;
 - 2) Visually inspect any aboveground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater;
 - 3) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from the UST excavation zone and entered into subsurface structures (such as sewers or basements);
 - 4) Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement or corrective action activities. If these remedies include treatment or

disposal of soils, the owner or operator shall comply with 35 Ill. Adm. Code 722, 724, 725, and 807 through 815;

- 5) Measure for the presence of a release where contamination is most likely to be present at the UST site, unless the presence and source of the release have been confirmed in accordance with regulations promulgated by the OSFM. In selecting sample types, sample locations, and measurement methods, the owner or operator shall consider the nature of the stored substance, the type of backfill, depth to groundwater and other factors as appropriate for identifying the presence and source of the release; and
 - 6) Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with Section 732.203.
- c) Within 20 days after initial notification to IEMA of a release plus 14 days, the owner or operator after confirmation of a release of petroleum from a UST system in accordance with regulations promulgated by the OSFM, owners or operators shall submit a report to the Agency summarizing the initial abatement steps taken under subsection (b) of this Section and any resulting information or data. ~~The report shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~
- d) Within 45 days after initial notification to IEMA of a release plus 14 days, the owner or operator after confirmation of a release, owners or operators shall assemble information about the site and the nature of the release, including information gained while confirming the release or completing the initial abatement measures in subsections (a) and (b) of this Section. This information shall include, but is not limited to, the following:
- 1) Data on the nature and estimated quantity of release;
 - 2) Data from available sources or site investigations concerning the locations of wells potentially affected by the release, subsurface soil conditions, locations of subsurface sewers, climatological conditions and land use;
 - 3) Results of the site check required at subsection (b)(5) of this Section; and
 - 4) Results of the free product investigations required at subsection (b)(6) of this Section, to be used by owners or operators to determine whether free product must be recovered under Section 732.203 of this Part.
- e) Within 45 days after initial notification to IEMA of a release plus 14 days, the owner or operator after confirmation of a release of petroleum from a UST system in accordance with regulations promulgated by the OSFM, owners or operators

shall submit to the Agency the information collected in compliance with subsection (d) of this Section in a manner that demonstrates its applicability and technical adequacy. The information shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.

- f) *Notwithstanding any other corrective action taken, an owner or operator may, at a minimum, and prior to submission of any plans to the Agency, remove the tank system, or abandon the underground storage tank in place, in accordance with the regulations promulgated by the Office of the State Fire Marshal (see 41 Ill. Adm. Code 160, 170, 180, 200). The owner may remove visibly contaminated fill material and any groundwater in the excavation which exhibits a sheen. For purposes of payment for early action costs, however, fill material shall not be removed in an amount in excess of 4 feet from the outside dimensions of the tank. Early action may also include disposal in accordance with applicable regulations or ex situ treatment of contaminated fill material removed from within 4 feet from the outside dimensions of the tank, in accordance with Section 57.7(a)(1)(B) of the Act [415 ILCS 5/57.6(b)].*
- g) For purposes of payment from the Fund reimbursement, the activities set forth in subsection (f) of ~~this the~~ Section shall be performed within 45 days after initial notification to IEMA of a release plus 14 7 days, unless special circumstances, approved by the Agency in writing, warrant continuing such activities beyond 45 days plus 14 7 days. The owner or operator shall notify the Agency in writing of such circumstances within 45 days after initial notification to IEMA of a release plus 14 7 days. Costs incurred beyond 45 days plus 14 7 days shall be eligible if the Agency determines that they are consistent with early action.

BOARD NOTE: Owners or operators seeking payment from the Fund reimbursement are to first notify IEMA of a suspected release and then confirm the release within 14 seven days to IEMA pursuant to regulations promulgated by the OSFM. See 41 Ill. Adm. Code 170.560 and ~~170.580, 170.600~~. The Board is setting the beginning of the payment reimbursement period at subsection (g) to correspond to the notification and confirmation to IEMA.

- h) The owner or operator shall determine whether the areas or locations of soil contamination exposed as a result of early action excavation (e.g., excavation boundaries, piping runs) or surrounding USTs that remain in place meet the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants, applicable Tier 1 remediation objectives pursuant to 35 Ill. Adm. Code 742, Subpart E. ~~Six samples shall be collected, one on each sidewall and two at the bottom of the excavation. If contaminated backfill is returned to the excavation, 2 representative samples must be collected and analyzed for the applicable indicator contaminants. Additional samples may be required for a multiple tank excavation.~~

- 1) At a minimum, for each UST that is removed, the owner or operator shall collect and analyze soil samples as follows. The Agency must allow an alternate location for, or excuse the collection of, one or more samples if sample collection in the following locations is made impracticable by site-specific circumstances.
 - A) One sample must be collected from each UST excavation wall. The samples must be collected from locations representative of soil that is the most contaminated as a result of the release. If an area of contamination cannot be identified on a wall, the sample must be collected from the center of the wall length at a point located one-third of the distance from the excavation floor to the ground surface. For walls that exceed 20 feet in length, one sample must be collected for each 20 feet of wall length, or fraction thereof, and the samples must be evenly spaced along the length of the wall. For USTs abandoned in place, the samples must be collected via borings drilled as close as practical to the UST backfill.
 - B) Two samples must be collected from the excavation floor below each UST with a volume of 1,000 gallons or more. One sample must be collected from the excavation floor below each UST with a volume of less than 1,000 gallons. The samples must be collected from locations representative of soil that is the most contaminated as a result of the release. If areas of contamination cannot be identified, the samples must be collected from below each end of the UST if its volume is 1,000 gallons or more, and from below the center of the UST if its volume is less than 1,000 gallons.
 - C) One sample must be collected from the floor of each 20 feet of UST piping run excavation, or fraction thereof. The samples must be collected from a location representative of soil that is the most contaminated as a result of the release. If an area of contamination cannot be identified within a length of piping run excavation being sampled, the sample must be collected from the center of the length being sampled. For UST piping abandoned in place, the samples must be collected in accordance with subsection (h)(2)(B) of this Section.
 - D) If backfill is returned to the excavation, one representative sample of the backfill must be collected for each 100 cubic yards of backfill returned to the excavation.
 - E) The samples must be analyzed for the applicable indicator contaminants. In the case of a used oil UST, the sample that appears to be the most contaminated as a result of a release from

the used oil UST must be analyzed in accordance with Section 732.310(g) of this Part to determine the indicator contaminants for used oil. The remaining samples collected pursuant to subsections (h)(1)(A) through (D) of this Section must then be analyzed for the applicable used oil indicator contaminants.

- 2) At a minimum, for each UST that remains in place, the owner or operator must collect and analyze soil samples as follows. The Agency must allow an alternate location for, or excuse the drilling of, one or more borings if drilling in the following locations is made impracticable by site-specific circumstances.
 - A) One boring must be drilled at the center point along each side of each UST, or along each side of each cluster of multiple USTs, remaining in place. If a side exceeds 20 feet in length, one boring must be drilled for each 20 feet of side length, or fraction thereof, and the borings must be evenly spaced along the side. The borings must be drilled in the native soil surrounding the UST(s) and as close practicable to, but not more than five feet from, the backfill material surrounding the UST(s). Each boring must be drilled to a depth of 30 feet below grade, or until groundwater or bedrock is encountered, whichever is less. Borings may be drilled below the groundwater table if site specific conditions warrant, but no more than 30 feet below grade.
 - B) Two borings, one on each side of the piping, must be drilled for every 20 feet of UST piping, or fraction thereof, that remains in place. The borings must be drilled as close practicable to, but not more than five feet from, the locations of suspected piping releases. If no release is suspected within a length of UST piping being sampled, the borings must be drilled in the center of the length being sampled. Each boring must be drilled to a depth of 15 feet below grade, or until groundwater or bedrock is encountered, whichever is less. Borings may be drilled below the groundwater table if site specific conditions warrant, but no more than 15 feet below grade. For UST piping that is removed, samples must be collected from the floor of the piping run in accordance with subsection (h)(1)(C) of this Section.
 - C) If auger refusal occurs during the drilling of a boring required under subsection (h)(2)(A) or (B) of this Section, the boring must be drilled in an alternate location that will allow the boring to be drilled to the required depth. The alternate location must not be more than five feet from the boring's original location. If auger refusal occurs during drilling of the boring in the alternate location, drilling of the boring must cease and the soil samples collected

from the location in which the boring was drilled to the greatest depth must be analyzed for the applicable indicator contaminants.

D) One soil sample must be collected from each five-foot interval of each boring required under subsections (h)(2)(A) through (C) of this Section. Each sample must be collected from the location within the five-foot interval that is the most contaminated as a result of the release. If an area of contamination cannot be identified within a five-foot interval, the sample must be collected from the center of the five-foot interval, provided, however, that soil samples must not be collected from soil below the groundwater table. All samples must be analyzed for the applicable indicator contaminants.

3)1) If the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have been met, and if none of the criteria set forth in subsections (h)(4)(A) through (C) are met, within 30 days after the completion of early action activities there is no evidence that contaminated soils may be or may have been in contact with groundwater, the owner or operator shall submit a corrective action completion report demonstrating compliance with those remediation objectives. The report must include, but not be limited to, the following:

A) A characterization of the site that demonstrates compliance with the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants;

B) Supporting documentation, including, but not limited to, the following:

i) A site map meeting the requirements of Section 732.110(a)(1) of this Part that shows the locations of all samples collected pursuant to this subsection (h);

ii) Analytical results, chain of custody forms, and laboratory certifications for all samples collected pursuant to this subsection (h); and

iii) A table comparing the analytical results of all samples collected pursuant to this subsection (h) to the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and

C) A site map containing only the information required under Section 732.110(a)(1) of this Part.

4)2)—If the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have not been met, or if one or more of the following criteria are met, there is evidence that contaminated soils may be or may have been in contact with groundwater, the owner or operator shall continue evaluation in accordance with Subpart C of this Part.

- A) There is evidence that groundwater wells have been impacted by the release above the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants (e.g., as found during release confirmation or previous corrective action measures);
- B) Free product that may impact groundwater is found to need recovery in compliance with Section 732.203 of this Part; or
- C) There is evidence that contaminated soils may be or may have been in contact with groundwater, unless:
 - i) The owner or operator pumps the excavation or tank cavity dry, properly disposes of all contaminated water, and demonstrates to the Agency that no recharge is evident during the 24 hours following pumping; and
 - ii) The Agency determines that further groundwater investigation is not necessary.

~~BOARD NOTE: Section 57.7(a)(1)(B) of the Act limits payment or reimbursement from the Fund for removal of contaminated fill material during early action activities. Owners or operators proceeding with activities set forth in subsection (f) of this Section are advised that they may not be entitled to full payment or reimbursement. See Subpart F of this Part.~~

(Source: Amended at Ill. Reg. , effective)

Section 732.203 Free Product Removal

- a) Under any circumstance in which conditions at a site indicate the presence of free product, owners or operators shall remove, to the maximum extent practicable, free product exceeding one-eighth of an inch in depth as measured in a groundwater monitoring well, or present as a sheen on groundwater in the tank removal excavation or on surface water, to the maximum extent practicable while initiating or continuing any actions required pursuant to this Part or other applicable laws or regulations. In meeting the requirements of this Section, owners or operators shall:

- 1) Conduct free product removal in a manner that minimizes the spread of contamination into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site and that properly treats, discharges or disposes of recovery byproducts in compliance with applicable local, State and federal regulations;
- 2) Use abatement of free product migration as a minimum objective for the design of the free product removal system;
- 3) Handle any flammable products in a safe and competent manner to prevent fires or explosions;
- 4) Within 45 days after the confirmation of presence of free product from a UST, prepare and submit to the Agency a free product removal report ~~on forms prescribed and provided by the Agency and, if specified by the Agency, by written notice, in an electronic format.~~ The report shall, at a minimum, provide the following:
 - A) The name of the persons responsible for implementing the free product removal measures;
 - B) The estimated quantity, type and thickness of free product observed or measured in wells, boreholes and excavations;
 - C) The type of free product recovery system used;
 - D) Whether any discharge will take place on-site or off-site during the recovery operation and where this discharge will be located;
 - E) The type of treatment applied to, and the effluent quality expected from, any discharge;
 - F) The steps that have been or are being taken to obtain necessary permits for any discharge; ~~and~~
 - G) The disposition of the recovered free product; ~~and~~
 - H) The steps taken to identify the source and extent of the free product; and
 - I) A schedule of future activities necessary to complete the recovery of free product still exceeding one-eighth of an inch in depth as measured in a groundwater monitoring well, or still present as a sheen on groundwater in the tank removal excavation or on surface water. The schedule must include, but not be limited to, the

submission of plans and budgets required pursuant to subsections (c) and (d) of this Section; and

- 5) If free product removal activities are conducted more than 45 days after the confirmation of the presence of free product, submit free product removal reports in accordance with a schedule established by the Agency.
- b) For purposes of payment from the Fund reimbursement, owners or operators are not required to obtain Agency approval pursuant to Section 732.202(g) for free product removal activities conducted within more than 45 days after the confirmation of the presence of free product ~~initial notification to IEMA of a release.~~
- c) If free product removal activities will be conducted more than 45 days after the confirmation of the presence of free product, the owner or operator must submit to the Agency for review a free product removal plan. The plan must be submitted with the free product removal report required under subsection (a)(4) of this Section. Free product removal activities conducted more than 45 days after the confirmation of the presence of free product must not be considered early action activities.
- d) Any owner or operator intending to seek payment from the Fund must, prior to conducting free product removal activities more than 45 days after the confirmation of the presence of free product, submit to the Agency a free product removal budget plan with the corresponding free product removal plan. The budget plan must include, but not be limited to, an estimate of all costs associated with the development, implementation, and completion of the free product removal plan, excluding handling charges. The budget plan should be consistent with the eligible and ineligible costs listed in Sections 732.605 and 732.606 of this Part and the maximum payment amounts set forth in Subpart H of this Part and shall specify whether it is an Expedited or Non-Expedited Budget. As part of the budget plan the Agency may require a comparison between the costs of the proposed method of free product removal and other methods of free product removal.
- e) Upon the Agency's approval of a free product removal plan, or as otherwise directed by the Agency, the owner or operator must proceed with free product removal in accordance with the plan.
- f) Notwithstanding any requirement under this Part for the submission of a free product removal plan or free product removal budget plan, an owner or operator may proceed with free product removal in accordance with this Section prior to the submittal or approval of an otherwise required free product removal plan or budget plan. However, any such plan and budget plan must be submitted to the Agency for review and approval, rejection, or modification in accordance with the

procedures contained in Subpart E of this Part prior to payment for any related costs or the issuance of a No Further Remediation Letter.

BOARD NOTE: Owners or operators proceeding under subsection (f) of this Section are advised that they may not be entitled to full payment from the Fund. Furthermore, applications for payment must be submitted no later than one year after the date the Agency issues a No Further Remediation Letter. See Subpart F of this Part.

- g) If, following approval of any free product removal plan or associated budget plan, an owner or operator determines that a revised plan or budget plan is necessary in order to complete free product removal, the owner or operator must submit, as applicable, an amended free product removal plan or associated budget plan to the Agency for review. The Agency must review and approve, reject, or require modification of the amended plan or budget plan in accordance with Subpart E of this Part.

BOARD NOTE: Owners and operators are advised that the total payment from the Fund for all free product removal plans and associated budget plans submitted by an owner or operator must not exceed the amounts set forth in Subpart H of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.204 Application for Payment of Early Action Costs

Owners or operators intending to seek payment or reimbursement for early action activities, excluding free product removal activities conducted more than 45 days after confirmation of the presence of free product, are not required to submit a corresponding budget plan to the Agency prior to the application for payment. The application for payment may be submitted to the Agency upon completion of the early action activities in accordance with the requirements at Subpart F of this Part, excluding free product removal activities conducted more than 45 days after confirmation of the presence of free product. Applications for payment of free product removal activities conducted more than 45 days after confirmation of the presence of free product may be submitted upon completion of the free product removal activities.

(Source: Amended at Ill. Reg. , effective)

SUBPART C: SITE EVALUATION AND CLASSIFICATION

Section 732.300 General

- a) Except as provided in subsection (b) of this Section, or unless the owner or operator submits a report pursuant to Section 732.202(h)(3) of this Part demonstrating that the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have been met, the

owner or operator of any site subject to this Part shall evaluate and classify the site in accordance with the requirements of this Subpart C. All such sites shall be classified as No Further Action, Low Priority or High Priority. Site classifications shall be based on the results of the site evaluation, including, but not limited to, the physical soil classification and the groundwater investigation, if applicable.

- b) An owner or operator may choose to conduct remediation sufficient to satisfy the remediation objectives in Section 732.408 of this Part as an alternative to conducting site classification activities pursuant to this Subpart C provided that:
- 1) Upon completion of the remediation, the owner or operator shall submit a corrective action completion report, demonstrating compliance with the required levels. The corrective action completion report must include, but not be limited to, a narrative and timetable describing the implementation and completion of all elements of the remediation and the procedures used for the collection and analysis of samples, soil boring logs, actual analytical results, laboratory certification, site maps, well logs, and any other information or documentation relied upon by the Licensed Professional Engineer in reaching the conclusion that the requirements of the Act and regulations have been satisfied and that no further remediation is required at the site. With the exception of Federal Landholding Entities subject to Section 732.703(d), the owner or operator must sign and submit, with the corrective action completion report, a form prescribed and provided by the Agency addressing ownership of the site. Where the owner or operator owns the site, the owner or operator must so indicate on the form. Where the owner or operator either does not own or does not solely own the site, the owner or operator must provide, on the form, a certification by original signature of the title holder(s) of record for the remediation site or each portion thereof, or the agent(s) of such person(s), stating as follows:

I hereby certify that I have reviewed the attached report and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further certify that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the corrective action completion report; and

- A) Documentation of the water supply well survey conducted pursuant to subsection (b)(3) of this Section must include, but not be limited to, the following:

- i) One or more maps, to an appropriate scale, showing the following: The location of the community water supply wells and other potable water supply wells identified pursuant to subsection (b)(3) of this Section, and the

setback zone for each well; the location and extent of regulated recharge areas and wellhead protection areas identified pursuant to subsection (b)(3) of this Section; the current extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and the modeled extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants.

- ii) ~~One or more tables~~ listing the setback zones for each community water supply well and other potable water supply wells identified pursuant to subsection (b)(3) of this Section;
- iii) A narrative that, at a minimum, identifies each entity contacted to identify potable water supply wells pursuant to subsection (b)(3) of this Section, the name and title of each person contacted at each entity, and field observations associated with the identification of potable water supply wells; and
- iv) A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the water supply well survey was conducted in accordance with the requirements of subsection (b)(3) of this Section and that the documentation submitted pursuant to subsection (b)(1)(A) of this Section includes the information obtained as a result of the survey.

B) The corrective action completion report must be accompanied by a certification from a Licensed Professional Engineer stating that the information presented in the applicable report is accurate and complete, that corrective action has been completed in accordance with the requirements of the Act and subsection (b) of this Section, and that no further remediation is required at the site.

2) Unless an evaluation pursuant to 35 Ill. Adm. Code 742 demonstrates that no groundwater investigation is necessary, the owner or operator must complete a groundwater investigation under the following circumstances:

- A) If there is evidence that groundwater wells have been impacted by the release above the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants

~~Tier 1 residential numbers set forth in 35 Ill. Adm. Code 742. Appendix B~~ (e.g., as found during release confirmation or previous corrective action measures);

- B) If free product that may impact groundwater is found to need recovery in compliance with Section 732.203 of this Part; or
- C) If there is evidence that contaminated soils may be or may have been in contact with groundwater, except that, if the owner or operator pumps the excavation or tank cavity dry, properly disposes of all contaminated water, and demonstrates to the Agency that no recharge is evident during the 24 hours following pumping, the owner or operator does not have to complete a groundwater investigation, unless the Agency's review reveals that further groundwater investigation is necessary.

3) As part of the remediation conducted under subsection (b) of this Section, owners and operators must conduct a water supply well survey in accordance with this subsection (b)(3).

A) At a minimum, the owner or operator must identify all potable water supply wells located at the site or within 200 feet of the site, all community water supply wells located at the site or within 2,500 feet of the site, and all regulated recharge areas and wellhead protection areas in which the site is located. Actions taken to identify the wells must include, but not be limited to, the following:

- i) Contacting the Agency's Division of Public Water Supplies to identify community water supply wells, regulated recharge areas, and wellhead protection areas;
- ii) Using current information from the Illinois State Geological Survey, the Illinois State Water Survey, and the Illinois Department of Public Health (or the county or local health department delegated by the Illinois Department of Public Health to permit potable water supply wells) to identify potable water supply wells other than community water supply wells; and
- iii) Contacting the local public water supply entities to identify properties that receive potable water from a public water supply.

B) In addition to the potable water supply wells identified pursuant to subsection (b)(3)(A) of this Section, the owner or operator must

extend the water supply well survey if soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants extends beyond the site's property boundary, or, as part of remediation, the owner or operator leaves in place soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants and contamination exceeding such objectives is modeled to migrate beyond the site's property boundary. At a minimum, the extended water supply well survey must identify the following:

- i) All potable water supply wells located within 200 feet, and all community water supply wells located within 2,500 feet, of the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and
- ii) All regulated recharge areas and wellhead protection areas in which the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants is located.

- C) The Agency may require additional investigation of potable water supply wells, regulated recharge areas, or wellhead protection areas if site-specific circumstances warrant. Such circumstances must include, ~~but not be limited to,~~ the existence of one or more parcels of property within 200 feet of the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants where potable water is likely to be used, but that is not served by a public water supply or a well identified pursuant to subsections (b)(3)(A) or (b)(3)(b) of this Section. The additional investigation may include, ~~but not be limited to,~~ physical well surveys (e.g., interviewing property owners, investigating individual properties for wellheads, distributing door hangers or other material that requests information about the existence of potable wells on the property, etc.).

BOARD NOTE: Owners or operators proceeding under subsection (b) of this Section are advised that they are not ~~may not be~~ entitled to full payment from

the Fund for costs incurred after completion of early action activities in accordance with Subpart B. ~~or reimbursement.~~ See Subpart F of this Part.

- c) For corrective action completion reports submitted pursuant to subsection (b) of this Section, the Agency shall issue a No Further Remediation Letter upon approval of the report by the Agency in accordance with Subpart E.

(Source: Amended at Ill. Reg. , effective)

Section 732.302 No Further Action Sites

- a) Unless an owner or operator elects to classify a site under Section 732.312, sites shall be classified as No Further Action if all of the following criteria are satisfied:
- 1) The physical soil classification procedure completed in accordance with Section 732.307 confirms either of the following:
 - A) "Berg Circular"
 - i) The site is located in an area designated D, E, F or G on the Illinois State Geological Survey Circular (1984) entitled "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference at Section 732.104 of this Part; and
 - ii) The site's actual physical soil conditions are verified as consistent with those designated D, E, F or G on the Illinois State Geological Survey Circular (1984) entitled "Potential for Contamination of Shallow Aquifers in Illinois"; or
 - B) The site soil characteristics satisfy the criteria of Section 732.307(d)(3) of this Part;
 - 2) The UST system is not within the minimum or maximum setback zone of a potable water supply well or regulated recharge area of a potable water supply well;
 - 3) After completion of early action measures in accordance with Subpart B of this Part, there is no evidence that, through natural pathways or man-made pathways, migration of petroleum or vapors threatens human health or human safety or may cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces;
 - 4) There is no designated Class III special resource groundwater within 200

feet of the UST system; and

- 5) After completing early action measures in accordance with Subpart B of this Part, no surface bodies of water are adversely affected by the presence of a visible sheen or free product layer as a result of a release of petroleum.
- b) Groundwater investigation shall be required to confirm that a site meets the criteria of a No Further Action site if the Agency has received information indicating that the groundwater is contaminated at levels in excess of the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants ~~applicable groundwater objectives specified in 35 Ill. Adm. Code 742~~ at the property boundary line or 200 feet from the UST system, whichever is less. In such cases, a groundwater investigation that meets the requirements of Section 732.307(j) shall be performed. If the investigation confirms there is an exceedence of the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants ~~applicable Tier 1 residential indicator contaminant objectives (set forth in 35 Ill. Adm. Code 742 Appendix B)~~, the Agency may reclassify the site as High Priority.

(Source: Amended at Ill. Reg. , effective)

Section 732.303 Low Priority Sites

Unless an owner or operator elects to classify a site under Section 732.312, sites shall be classified as Low Priority if all of the following criteria are met:

- a) The physical soil classification and groundwater investigation procedures confirm the following:
 - 1) The most stringent Tier 1 groundwater remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have ~~groundwater quality standard or groundwater objective for any applicable indicator contaminant~~ has not been exceeded at the property boundary line or 200 feet from the UST system, whichever is less; and
 - 2) "Berg Circular"
 - A) The site is located in an area designated A1, A2, A3, A4, A5, AX, B1, B2, BX, C1, C2, C3, C4, or C5 on the Illinois State Geological Survey Circular (1984) entitled, "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference at Section 732.104 of this Part; and
 - B) The site's actual physical soil conditions are verified as consistent with those designated A1, A2, A3, A4, A5, AX, B1, B2, BX, C1,

C2, C3, C4, or C5 on the Illinois State Geological Survey Circular (1984) entitled, "Potential for Contamination of Shallow Aquifers in Illinois"; or

- 3) The site soil characteristics do not satisfy the criteria of Section 732.307(d)(3) of this Part;
- b) The UST system is not within the minimum or maximum setback zone of a potable water supply well or regulated recharge area of a potable water supply well;
- c) After completing early action measures in accordance with Subpart B of this Part, there is no evidence that, through natural or man-made pathways, migration of petroleum or vapors threaten human health or human safety or may cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces;
- d) There is no designated Class III special resource groundwater within 200 feet of the UST system; and
- e) After completing early action measures in accordance with Subpart B of this Part, there are no surface bodies of water adversely affected by the presence of a visible sheen or free product layer as a result of the release of petroleum.

(Source: Amended at Ill. Reg. , effective)

Section 732.304 High Priority Sites

Unless an owner or operator elects to classify a site under Section 732.312, sites shall be classified as High Priority if any of the following are met:

- a) The physical soil classification and groundwater investigation procedures confirm the following:
 - 1) The most stringent Tier 1 groundwater remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have
~~groundwater quality standard or groundwater objective for any~~
~~applicable indicator contaminant~~ has been exceeded at the property boundary line or 200 feet from the UST system, whichever is less; and
 - 2) "Berg Circular"
 - A) The site is located in an area designated A1, A2, A3, A4, A5, AX, B1, B2, BX, C1, C2, C3, C4, or C5 on the Illinois State Geological Survey Circular (1984) entitled, "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference at Section

732.104 of this Part; and

- B) The site's actual physical soil conditions are verified as consistent with those designated A1, A2, A3, A4, A5, AX, B1, B2, BX, C1, C2, C3, C4, or C5 on the Illinois State Geological Survey Circular (1984) entitled, "Potential for Contamination of Shallow Aquifers in Illinois"; or
- 3) The site soil characteristics do not satisfy the criteria of Section 732.307(d)(3) of this Part;
- b) The UST system is within the minimum or maximum setback zone of a potable water supply well or regulated recharge area of a potable water supply well;
- c) After completing early action measures in accordance with Subpart B of this Part, there is evidence that, through natural or man-made pathways, migration of petroleum or vapors threaten human health or human safety or may cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces; free product layer as a result of a release of petroleum.
- d) There is designated Class III special resource groundwater within 200 feet of the UST system; or
- e) After completing early action measures in accordance with Subpart B of this Part, a surface body of water is adversely affected by the presence of a visible sheen or

(Source: Amended at Ill. Reg. , effective)

Section 732.305 Plan Submittal and Review

- a) Unless an owner or operator elects to classify a site under Section 732.312, prior to conducting any site evaluation activities, the owner or operator shall submit to the Agency a site classification plan, including but not limited to a physical soil classification and groundwater investigation plan, satisfying the minimum requirements for site evaluation activities as set forth in Section 732.307. The plans shall be designed to collect data sufficient to determine the site classification in accordance with Section 732.302, 732.303 or 732.304 of this Part. ~~Site classification plans shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~
- b) In addition to the plan required in subsection (a) of this Section and prior to conducting any site evaluation activities, any owner or operator intending to seek payment from the Fund shall submit to the Agency a :

- ~~1) — An application for payment of costs associated with eligible early action costs incurred pursuant to Subpart B of this Part; and~~
- 2) — A site classification budget plan with the corresponding site classification plan. The budget plan shall include, but not be limited to, a copy of the eligibility and deductibility determination of the OSFM and an ~~a line item~~ estimate of all costs associated with the development, implementation and completion of the site evaluation activities required in Section 732.307, excluding handling charges. Formulation of budget plans should be consistent with the eligible and ineligible costs listed at Sections 732.605 and 732.606 of this Part and the maximum payment amounts set forth in Subpart H of this Part and shall indicate whether the budget is an Expedited or Non-Expedited Budget. Site classification budget plans shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.
- c) The Agency shall have the authority to review and approve, reject or require modification of any plan or budget plan submitted pursuant to this Section in accordance with the procedures contained in Subpart E of this Part.
- d) Notwithstanding subsections (a), ~~and (b), and (e)~~ of this Section, an owner or operator may proceed to conduct site evaluation activities in accordance with this Subpart C prior to the submittal or approval of an otherwise required site classification plan or budget plan (including physical soil classification and groundwater investigation plans, costs associated with activities to date, and anticipated further costs). However, any such plan and budget plan shall be submitted to the Agency for review and approval, rejection, or modification in accordance with the procedures contained in Subpart E of this Part prior to payment ~~or reimbursement~~ for any related costs ~~or the issuance of a No Further Remediation Letter. If the owner or operator has obtained Agency approval of a Site Classification Work Plan and site classification completion report without submittal of a budget plan pursuant to subsection (b) of this Section, the owner or operator may, as an alternative to submitting a budget plan, submit, on a form provided by the Agency and attached to the application for payment, the actual costs incurred in performing site evaluation activities.~~

BOARD NOTE: Owners or operators proceeding under subsection (d) of this Section are advised that they may not be entitled to full payment from the Fund or reimbursement. Furthermore, applications for payment must be submitted no later than one year after the date the Agency issues a No Further Remediation Letter. See Subpart F of this Part.

- e) If, following the approval of any site classification plan, an owner or operator determines that revised procedures or cost estimates are necessary in order to comply with the minimum required activities for the site, the owner or operator shall submit, as applicable, an amended site classification plan or associated

budget plan for review by the Agency. The Agency shall have the authority to review and approve, reject, or require modifications of the amended plan or budget plan in accordance with the procedures contained in Subpart E of this Part.

BOARD NOTE: Owners and operators are advised that the total payment from the Fund for all site classification plans and associated budget plans submitted by an owner or operator must not exceed the amounts set forth in Subpart H of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.306 Deferred Site Classification; Priority List for Payment

- a) An owner or operator who has received approval for any budget plan submitted pursuant to this Part and who is eligible for payment from the Fund may elect to defer site classification activities until funds are available in an amount equal to the amount approved in the budget plan if the requirements of subsection (b) of this Section are met. ~~An OWNER OR OPERATOR WHO HAS RECEIVED APPROVAL FOR ANY BUDGET PLAN SUBMITTED PURSUANT TO this Part AND WHO IS ELIGIBLE FOR PAYMENT FROM THE UNDERGROUND STORAGE TANK FUND MAY ELECT TO DEFER SITE CLASSIFICATION, LOW PRIORITY GROUNDWATER MONITORING, OR REMEDIATION ACTIVITIES UNTIL FUNDS ARE AVAILABLE IN AN AMOUNT EQUAL TO THE AMOUNT APPROVED IN THE BUDGET PLAN if the requirements of subsection (b) of this Section are met. (Section 57.8(b) of the Act)~~
 - 1) Approvals of budget plans shall be pursuant to Agency review in accordance with Subpart E of this Part.
 - 2) The Agency shall monitor the availability of funds ~~to determine whether sufficient resources exist to provide payment in an amount equal to the total of the approved budget plans~~ and shall provide notice of insufficient funds to owners or operators in accordance with Section 732.503(g) of this Part. ~~of the availability of funds in accordance with Section 732.503(h). Funds shall not be deemed available for owners or operators electing to defer site classification so long as there are owners or operators on the priority list established pursuant to Section 732.603(d) of this Part awaiting forwarding of vouchers to the Office of the State Comptroller.~~
 - 3) Owners and operators must submit elections to defer site classification activities on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. The forms must be mailed or delivered to the address designated by the Agency. The Agency's record of the date of receipt must be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.

- 4) The Agency must review elections to defer site classification activities to determine whether the requirements of subsection (b) of this Section are met. The Agency must notify the owner or operator in writing of its final action on any such election. If the Agency fails to notify the owner or operator of its final action within 120 days after its receipt of the election, the owner or operator may deem the election rejected by operation of law.
- A) The Agency must mail notices of final action on an election by registered or certified mail, post marked with a date stamp and with return receipt requested. Final action must be deemed to have taken place on the post marked date that such notice is mailed.
- B) Any action by the Agency to reject an election, or rejection of an election by the Agency's failure to act, is subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act.
- 5)3) Upon approval of an election ~~receiving written notification that an owner or operator elects~~ to defer site classification until funds are available, the Agency shall place the site on a priority list for payment and notification of availability of sufficient funds. Sites shall enter the priority list for payment based solely on the date the Agency receives a complete the written election of deferral, with the earliest dates having the highest priority. The Agency's record of the date of receipt shall be deemed conclusive, unless a contrary date is proven by a dated, signed receipt from registered or certified mail.
- 6)4) As funds become available, the Agency shall encumber funds for each site in the order of priority in an amount equal to the total of the approved budget plan for which deferral was sought. The Agency shall then notify owners or operators that sufficient funds have been allocated for the owner or operator's site. After such notification the owner or operator shall commence site classification activities.
- 7)5) Authorization of payment of encumbered funds for deferred site classification activities shall be approved in accordance with the requirements of Subpart F of this Part.
- 8)6) The priority list for payment and notification of availability of sufficient funds shall be the same as that used for deferred corrective action pursuant to Section 732.406 with both types of deferrals entering the list and moving up solely on the basis of the date the Agency receives written notice of the deferral.

- b) An owner or operator who elects to defer site classification, ~~low priority groundwater monitoring, or remediation~~ activities under subsection (a) of this Section shall submit a report certified by a Licensed Professional Engineer or Licensed Professional Geologist demonstrating the following:
- 1) The Agency has approved the owner's or operator's site classification budget plan;
 - 2) The owner or operator has been determined eligible to seek payment from the Fund;
 - 3) ~~4)~~ The early action requirements of Subpart B of this Part have been met; and
 - 4) Groundwater contamination does not exceed Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants as a result of the release, modeling in accordance with 35 Ill. Adm. Code 742 shows that groundwater contamination will not exceed such Tier 1 remediation objectives as a result of the release, and no potable water supply wells are impacted as a result of the release; and
 - 5) Soil contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants does not extend beyond the site's property boundary and is not located within a regulated recharge area, a wellhead protection area, or the setback zone of a potable water supply well. Documentation to demonstrate that this subsection (b)(5) is satisfied must include ~~but not be limited to,~~ the results of a water supply well survey conducted in accordance with Section 732.307(f) of this Part.
 - 2) ~~The release does not pose a threat to human health or the environment through migratory pathways following the investigation of migration pathways requirements of Section 732.307(g).~~
- c) An owner or operator may, at any time, withdraw the election to defer site classification activities. ~~commence corrective action upon the availability of funds at any time.~~ The owner or operator must notify the Agency ~~shall be notified~~ in writing of the withdrawal. Upon such withdrawal, the owner or operator shall proceed with site classification in accordance with the requirements of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.307 Site Evaluation

- a) Except as provided in Section 732.300(b), or unless an owner or operator submits a report pursuant to Section 732.202(h)(3) of this Part demonstrating that the most

stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have been met or elects to classify a site under Section 732.312, the owner or operator of any site for which a release of petroleum has been confirmed in accordance with regulations promulgated by the OSFM and reported to IEMA shall arrange for site evaluation and classification in accordance with the requirements of this Section. A Licensed Professional Engineer or Licensed Professional Geologist (or, where appropriate, persons working under the direction of a Licensed Professional Engineer or Licensed Professional Geologist) shall conduct the site evaluation. The results of the site evaluation shall provide the basis for determining the site classification. The site classification shall be certified by the supervising Licensed Professional Engineer or Licensed Professional Geologist.

- b) As a part of each site evaluation, the Licensed Professional Engineer or Licensed Professional Geologist shall conduct a physical soil classification in accordance with the procedures at subsection (c) or (d) of this Section. Except as provided in subsection (e) of this Section, all elements of the chosen method of physical soil classification must be completed for each site. In addition to the requirement for a physical soil classification, the Licensed Professional Engineer or Licensed Professional Geologist shall, at a minimum, complete the requirements at subsections (f) through (j) of this Section before classifying a site as High Priority or Low Priority and subsection (f) through (i) of this Section before classifying a site as No Further Action.
- c) Method One for Physical Soil Classification:
 - 1) Soil Borings
 - A) Prior to conducting field activities, a review of scientific publications and regional geologic maps shall be conducted to determine if the subsurface strata are as generally mapped in the Illinois State Geological Survey Circular (1984) entitled "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference in Section 732.104 of this Part. A list of the publications reviewed and any preliminary conclusions concerning the site geology shall be included in the site classification completion report.
 - B) A minimum of one soil boring to a depth that includes 50 feet of native soil or to bedrock shall be performed for each tank field with a release of petroleum.
 - C) If, during boring, bedrock is encountered or if auger refusal occurs because of the density of a geologic material, a sample of the bedrock or other material shall be collected to determine permeability or an in situ test shall be performed to determine

hydraulic conductivity in accordance with subsections (c)(3)(A) and (c)(3)(B) of this Section. If bedrock is encountered or auger refusal occurs, the Licensed Professional Engineer or Licensed Professional Geologist shall verify that the conditions that prevented the full boring are expected to be continuous through the remaining required depth.

- D) Borings shall be performed within 200 feet of the outer edge of the tank field or at the property boundary, whichever is less. If more than one boring is required per site, borings shall be spaced to provide reasonable representation of site characteristics. The actual spacing of the borings shall be based on the regional hydrogeologic information collected in accordance with subsection (c)(1)(A) of this Section. Location shall be chosen to limit to the greatest extent possible the vertical migration of contamination.
- E) Soil borings shall be continuously sampled to ensure that no gaps appear in the sample column.
- F) If anomalies are encountered, additional soil borings may be necessary to verify the consistency of the site geology.
- G) Any water bearing units encountered shall be protected as necessary to prevent cross-contamination of water bearing units during drilling.
- H) The owner or operator may utilize techniques other than those specified in this subsection (c)(1) for soil classification provided that:
 - i) The techniques provide equivalent, or superior, information as required by this Section;
 - ii) The techniques have been successfully utilized in applications similar to the proposed application;
 - iii) Methods for quality control can be implemented; and
 - iv) The owner or operator has received written approval from the Agency prior to the start of the investigation.

2) Soil Properties

The following tests shall be performed on a representative sample of each of the stratigraphic units encountered in the native soil boring that has been determined most conducive to transporting contaminants from the source based on site factors, including but not limited to visual and tactile

observations, the classification of the soil, any prior evaluation of the site stratigraphy, the volume of the release, the thickness or extent of the stratigraphic unit, and the requirements of ASTM D 2488-93, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), approved September 15, 1993:

- A) A soil particle analysis using the test methods specified in ASTM (American Society for Testing and Materials) Standard D 422-63 or D 1140-92, "Standard Test Method for Particle-Size Analysis of Soils," or "Standard Test Method for Amount of Material in Soils Finer than the No. 200 (75 μ m) Sieve," incorporated by reference in Section 732.104 of this Part, or other Agency approved method;
 - B) A soil moisture content analysis using the test methods specified in ASTM Standard D 2216-92 or D 4643-93, "Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock," or "Standard Test Method for Determination of Water (Moisture) Content of Soil by the Microwave Oven Method," incorporated by reference in Section 732.104 of this Part, or other Agency approved method;
 - C) A soil classification using the test methods specified in ASTM Standard D 2487-93 or D 2488-93, "Standard Test Method for Classification of Soils for Engineering Purposes" or "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)," incorporated by reference in Section 732.104 of this Part, or other Agency approved method;
 - D) Unconfined compression strength shall be determined in tons per square foot by using a hand penetrometer; and
 - E) If representative samples of each stratigraphic unit are collected for soil property testing by the use of thin-walled tube sampling, an additional soil boring must be performed for this sampling within 5 feet of the site classification boring. Thin-walled tube sampling must be conducted in accordance with ASTM Standard Test Method D 1587-83, incorporated by reference in Section 732.104 of this Part, or other Agency approved method. The boring from which the thin-walled tubes are collected must be logged in accordance with the requirements of Section 732.308(a) of this Part.
- 3) Hydraulic Conductivity
- A) If a water bearing unit is encountered while performing soil boring(s) for the physical soil classification, an in-situ hydraulic

conductivity test shall be performed in the first fully saturated layer below the water table. If multiple water bearing units are encountered, an in-situ hydraulic conductivity test shall be performed on each such unit. ~~Wells used for hydraulic conductivity testing shall be constructed in a manner that ensures the most accurate results.~~

- i) Wells used for hydraulic conductivity testing shall be constructed in a manner that ensures the most accurate results.
 - ii) The screen must be contained within the saturated zone.
- B) If no water bearing unit is encountered in the required soil boring(s), then the following laboratory analyses shall be conducted, as applicable, on a representative sample from each stratigraphic unit:
- i) A hydraulic conductivity analysis of undisturbed or laboratory compacted granular soils (i.e., clay, silt, sand or gravel) using the test method specified in ASTM Standard D 5084-90, "Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter," incorporated by reference in Section 732.104 of this Part, or other Agency approved method.
 - ii) Granular soils that are estimated to have hydraulic conductivity greater than 1×10^{-3} cm/sec will fail the minimum geologic conditions for "No Further Action", i.e., rating of D, E, F, or G as described in the Berg Circular, and therefore, no physical tests need to be run on the soils.
 - iii) A hydraulic conductivity analysis of bedrock using the test method specified in ASTM Standard D 4525-90, "Standard Test Method for Permeability of Rocks by Flowing Air," incorporated by reference in Section 732.104 of this Part, or other Agency approved method.
 - iv) If representative samples of each stratigraphic unit are collected for soil property testing by the use of thin-walled tube sampling, an additional soil boring must be performed for this sampling within 5 feet of the site classification boring. Thin-walled tube sampling must be conducted in accordance with ASTM Standard Test Method D 1587-83,

incorporated by reference in Section 732.104 of this Part, or other Agency approved method. The boring from which the thin-walled tubes are collected must be logged in accordance with the requirements of Section 732.308(a) of this Part.

- 4) If the results of the physical soil classification or groundwater investigation reveal that the actual site geologic characteristics are different from those generally mapped by the Illinois State Geological Survey Circular (1984) entitled "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference at Section 732.104 of this Part, the site classification shall be determined using the actual site geologic characteristics.

d) Method Two for Physical Soil Classification:

1) Soil Borings

- A) A minimum of one soil boring to a depth that includes native material from the invert elevation of the most shallow UST to 15 feet below the invert elevation of the deepest UST for each tank field with a release of petroleum.
- B) This boring shall meet the requirements of subsections (c)(1)(C) through (c)(1)(G) of this Section.

2) Soil Properties

The following tests must be performed on a representative sample of each of the stratigraphic units encountered in the native soil boring that has been determined most conducive to transporting contaminants from the source based on site factors including but not limited to visual and tactile observations, the classification of the soil, any prior evaluation of the site stratigraphy, the volume of the release, the size or extent of the unit, and the requirements of ASTM D 2488-93, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), approved September 15, 1993 and incorporated by reference in Section 732.104 of this Part:

- A) A soil particle analysis satisfying the requirements of subsection (c)(2)(A) of this Section; and
- B) Either:
 - i) A pump test or equivalent to determine the yield of the geologic material. Methodology, assumptions and any

calculations performed shall be submitted as part of the site classification completion report. If the aquifer geometry and transmissivity have been obtained through a site-specific field investigation, an analytical solution may be used to estimate well yield. The Licensed Professional Engineer or Licensed Professional Geologist shall demonstrate the appropriateness of the analytical solution to estimate well yield versus an actual field test. Well yield should be determined for either confined or unconfined formations. Once the yield has been determined site-specifically, the hydraulic conductivity shall be calculated; or

- ii) Hydraulic conductivity shall be determined in accordance with subsection (c)(3) of this Section. Once the hydraulic conductivity has been determined site-specifically, the yield shall be calculated.
- C) If representative samples of each stratigraphic unit are collected for soil property testing by the use of thin-walled tube sampling, an additional soil boring must be performed for this sampling within 5 feet of the site classification boring. Thin-walled tube sampling must be conducted in accordance with ASTM Standard Test Method D 1587-83, incorporated by reference in Section 732.104 of this Part, or other Agency approved method. The boring from which the thin-walled tubes are collected must be logged in accordance with the requirements of Section 732.308(a) of this Part.
- 3) The results of the boring(s) and tests described in subsections (d)(1) and (d)(2) of this Section shall be used to demonstrate whether the native material from the invert elevation of the most shallow UST to 15 feet below the invert elevation of the deepest UST meets all of the following criteria:
- A) Does not contain unconsolidated sand, gravel or sand and gravel that is 5 feet or more in thickness with 12 percent or less fines (i.e., fines that pass through a No. 200 sieve tested according to ASTM Standard Test Method D 2487-93, "Standard Test Method for Classification of Soils for Engineering Purposes," incorporated by reference at Section 732.104 of this Part, or other Agency approved method);
 - B) Does not contain sandstone that is 10 feet or more in thickness, or fractured carbonate that is 15 feet or more in thickness;

- C) Is not capable of sustained groundwater yield, from up to a 12 inch borehole, of 150 gallons per day or more from a thickness of 15 feet or less; and
 - D) Is not capable of hydraulic conductivity of 1×10^{-4} cm/sec or greater.
- e) If, during the completion of the requirements of subsection (c) or (d) of this Section, a Licensed Professional Engineer or Licensed Professional Geologist determines that the site geology is not consistent with area D, E, F or G of the Illinois State Geological Survey Circular (1984) entitled, "Potential for Contamination of Shallow Aquifers in Illinois," incorporated by reference in Section 732.104 of this Part or that the criteria of subsection (d)(3) are not satisfied, any remaining steps required by subsection (c) or (d) may be suspended, provided that the soil investigation has been sufficient to satisfy the requirements of subsection (g) of this Section. If activities are suspended under this subsection (e), the Licensed Professional Engineer or Licensed Professional Geologist shall complete the requirements of subsections (f) through (j) of this Section in order to determine whether the site is High Priority or Low Priority. The site conditions upon which the suspension of the requirements of subsection (c) or (d) of this Section is based shall be documented in the site classification completion report.
- f) Survey of Water Supply Wells. At a minimum, the owner or operator must conduct a water supply well survey to identify all potable water supply wells located at the site and within 200 feet of the site, all community water supply wells located at the site and within 2,500 feet of the site, and all regulated recharge areas and wellhead protection areas in which the site is located. Actions taken to identify the wells must include, but not be limited to, the following.
 - 1) Contacting the Agency's Division of Public Water Supplies to identify community water supply wells, regulated recharge areas, and wellhead protection areas;
 - 2) Using current information from the Illinois State Geological Survey, the Illinois State Water Survey, and the Illinois Department of Public Health (or the county or local health department delegated by the Illinois Department of Public Health to permit potable water supply wells) to identify potable water supply wells other than community water supply wells; and
 - 3) Contacting the local public water supply entities to identify properties that receive potable water from a public water supply.
 - ~~4) The Licensed Professional Engineer shall conduct a survey of water supply wells for the purpose of identifying and locating all community water supply wells within 2500 feet of the UST system and all potable~~

~~water supply wells within 200 feet of the UST system. The survey shall include, but not be limited to, contacting the Illinois State Geological Survey and the Illinois State Water Survey. The unit of local government with authority over the site shall be contacted to determine if there is a local ordinance or policy regulating the usage of potable water supply wells.~~

- ~~2) The Licensed Professional Engineer shall provide a map to scale showing the locations of all community water supply wells and potable water supply wells including the designated minimum and maximum setback zones of the wells identified pursuant to subsection (f)(1) of this Section. Radii of 200, 400, 1000, and 2500 feet from the UST system shall be marked on the map.~~
- ~~3) The Licensed Professional Engineer shall provide a table indicating the setback zone for each community water supply well and potable water supply well identified pursuant to subsection (f)(1) of this Section and the distance from the UST system to the well. The locations of each well shall be identified on the map by numbers corresponding to the information provided in the table.~~
- ~~4) The Licensed Professional Engineer shall determine if the UST system is within the regulated recharge area of any community water supply well or potable water supply well. The sources consulted in making this determination shall be described in the site classification completion report.~~

g) Investigation of Migration Pathways

- 1) The Licensed Professional Engineer or Licensed Professional Geologist shall conduct an investigation either separately or in conjunction with the physical soil classification to identify all potential natural and man-made migration pathways that are on the site, in rights-of-way attached to the site, or in any area surrounding the site that may be adversely affected as a result of the release of petroleum from the UST system. Once the migration pathways have been identified, the areas along all such pathways shall be further investigated in a manner sufficient to determine whether there is evidence that migration of petroleum or vapors along such pathways:
 - A) May potentially threaten human health or human safety; or
 - B) May cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces.
- 2) Natural pathways shall be identified using data obtained from

investigation at the site. This must include, but is not limited to, identification and location of groundwater if encountered during excavation activities or soil boring activities, identification of different soil strata during excavation activities or soil boring activities and inspection of surface water bodies. Investigation and evaluation of natural migration pathways shall include, for applicable indicator contaminants along potential natural migration pathways:

- A) Soil sampling and laboratory analysis of samples; and
 - B) When groundwater is encountered or when there is potential for surface water contamination, groundwater and surface water sampling and laboratory analysis of samples.
- 3) Man-made pathways shall be identified from available sources, including but not limited to site plans; a review of underground utilities as identified by the Joint Utility Location Information for Excavators (J.U.L.I.E.), the Chicago Utility Alert Network (Digger), another public locator, or a private locator; and interviews with site owners or personnel. The Licensed Professional Engineer or Licensed Professional Geologist must determine whether migration of indicator contaminants ~~contaminants of concern~~ along any of these pathways has occurred, using laboratory analytical data for applicable indicator contaminants obtained as follows:
- A) From prior sampling, provided that such laboratory analytical data demonstrates that no contaminant of concern has migrated to or along any man-made pathways;
 - B) From soil samples, and groundwater samples if groundwater is encountered, taken between man-made pathways and contaminated soil, provided that such laboratory analytical data demonstrates that no contaminant of concern has migrated to or along any man-made pathways; or
 - C) From soil samples, and groundwater samples if groundwater is encountered, ~~taken~~ along man-made pathways.
- 4) The Licensed Professional Engineer or Licensed Professional Geologist shall provide a map of the site and any surrounding areas that may be adversely affected by the release of petroleum from the UST system. At a minimum, the map shall be to scale, oriented with north at the top, and shall show the location of the leaking UST system(s) with any associated piping and all potential natural and man-made pathways that are on the site, that are in rights-of-way attached to the site, or that are in areas that may be adversely affected as a result of the release of petroleum.

- 5) Unless the Agency's review reveals objective evidence to the contrary, the Licensed Professional Engineer or Licensed Professional Geologist shall be presumed correct when certifying whether or not there is evidence that, through natural or man-made pathways, migration of petroleum or vapors:
 - A) May potentially threaten human health or human safety; or
 - B) May cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces.
- h) The Licensed Professional Engineer or Licensed Professional Geologist shall verify whether Class III groundwater exists within 200 feet of the UST system.
- i) The Licensed Professional Engineer or Licensed Professional Geologist shall locate all surface bodies of water on site and within 100 feet of the site and provide a map noting the locations. All such surface bodies of water shall be inspected to determine whether they have been adversely affected by the presence of a sheen or free product layer resulting from the release of petroleum from the UST system.
- j) Groundwater Investigation
 - 1) For sites failing to meet NFA site classification or for sites where a groundwater investigation is necessary pursuant to Section 732.302(b) of this Part, the Licensed Professional Engineer or Licensed Professional Geologist shall perform a groundwater investigation as required under this Part in accordance with this subsection (j) to determine whether the most stringent Tier 1 groundwater remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have an applicable indicator ~~contaminant groundwater quality standard has been exceeded~~ at the property boundary or 200 feet from the UST system, whichever is less, as a result of the UST release of petroleum.
 - 2) ~~Applicable indicator contaminants and groundwater quality standards~~ shall be those identified pursuant to Sections 732.310 ~~and 732.311~~ of this Part.
 - 3) Except as provided in subsection (j)(6) of this Section, a minimum of four groundwater monitoring wells shall be installed at the property boundary or 200 feet from the UST system, whichever is less. In the event that a groundwater monitoring well cannot be physically installed at the property line or 200 feet from the UST system, whichever is closer, in accordance with this subsection (j), the owner or operator shall request approval from the Agency to place the well further out, but at the closest practical point to the compliance point. The owner or operator may elect to place a monitoring well in a location that is closer to the UST system than this Part requires. However, once the election is made, the owner or operator

may not withdraw the election at a later time. The Agency may require the installation of additional monitoring wells to ensure that at least one monitoring well is located hydraulically upgradient and three monitoring wells are located hydraulically downgradient of the UST system. The wells must be installed so that they provide the greatest likelihood of detecting migration of groundwater contamination. At a minimum, monitoring well construction shall satisfy the following requirements:

- A) Construction shall be in a manner that will enable the collection of representative groundwater samples;
- B) All monitoring wells shall be cased in a manner that maintains the integrity of the borehole. Casing material shall be inert so as not to affect the water sample. Casing requiring solvent-cement type couplings shall not be used;
- C) Wells shall be screened to allow sampling only at the desired interval. Annular space between the borehole wall and well screen section shall be packed with clean, well-rounded and uniform material sized to avoid clogging by the material in the zone being monitored. The slot size of the screen shall be designed to minimize clogging. Screens shall be fabricated from material that is inert with respect to the constituents of the groundwater to be sampled;
- D) Annular space above the well screen section shall be sealed with a relatively impermeable, expandable material such as cement/bentonite grout that does not react with or in any way affect the sample, in order to prevent contamination of groundwater samples and groundwater and avoid interconnections. The seal shall extend to the highest known seasonal groundwater level;
- E) The annular space shall be backfilled with expanding cement grout from an elevation below the frost line and mounded above the surface and sloped away from the casing so as to divert surface water away;
- F) All monitoring wells shall be covered with vented caps and equipped with devices to protect against tampering and damage. Locations of wells shall be clearly marked and protected against damage from vehicular traffic or other activities associated with expected site use; and
- G) All wells shall be developed to allow free entry of groundwater ~~water~~, minimize turbidity of the sample, and minimize clogging.

- 4) Monitoring well construction diagrams prescribed and provided by the Agency shall be completed for each monitoring well.
- 5) Static water elevations shall be measured for each monitoring well. Groundwater samples shall be taken from each well and analyzed for the applicable indicator contaminants. The data collected shall be used to determine the direction of groundwater flow and whether the applicable groundwater remediation quality standards or clean-up objectives have been exceeded. Samples shall be collected and analyzed in accordance with the following procedures:
 - A) Samples shall be collected in accordance with ~~the procedures set forth in the documents "Methods for Chemical Analysis of Water and Wastes," "Methods for the Determination of Organic Compounds in Drinking Water," "Practical Guide for Ground-Water Sampling," "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846, or "Techniques of Water Resources Investigations of the United States Geological Survey, Guidelines for Collection and Field Analysis of Ground-Water Samples for Selected Unstable Constituents,"~~ as appropriate for the applicable indicator contaminants or groundwater objectives and as incorporated by reference at Section 732.104 of this Part, or other procedures approved by the Agency.
 - B) Groundwater elevation in a groundwater monitoring well shall be determined and recorded to establish the gradient of the groundwater table.
 - C) The analytical methodology used for the analysis of the indicator contaminants shall be consistent with both of the following:
 - i) The methodology must have a practical quantitation limit (PQL) at or below the most stringent objectives or detection levels set forth in 35 Ill. Adm. Code 742 or as set for mixtures or degradation products as provided in Section 732.310 of this Part; and
 - ii) The methodology must be consistent with the methodologies contained in ~~"Methods for Chemical Analysis of Water and Wastes," "Methods for the Determination of Organic Compounds in Drinking Water," "Practical Guide for Ground-Water Sampling," "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846, and "Techniques~~

~~of Water Resources Investigations of the United States Geological Survey, Guidelines for Collection and Field Analysis of Ground Water Samples for Selected Unstable Constituents,~~ as incorporated by reference at Section 732.104, or other Agency approved methods.

- D) In addition to analytical results, sampling and analytical reports shall contain the following information:
 - i) Sample collection information including but not limited to the name of sample collector, time and date of sample collection, method of collection, and monitoring location;
 - ii) Sample preservation and shipment information including but not limited to field quality control;
 - iii) Analytical procedures including but not limited to the method detection limits and the practical quantitation limits (PQL);
 - iv) Chain of custody and control; and
 - v) Field and lab blanks.
- 6) As an alternative to the installation of monitoring wells under subsection (j)(3) of this Section, the Licensed Professional Engineer or Licensed Professional Geologist may demonstrate to the Agency through a site-specific evaluation that the groundwater monitoring should not be required.
 - A) The evaluation shall be based on a demonstration of the following factors:
 - i) Whether groundwater is present within the depth of the boring used to perform physical soil classification under the selected method (Method One under subsection (c) of this Section or Method Two under subsection (d) of this Section);
 - ii) Whether groundwater is withdrawn for potable use within 1000 feet of the UST system and at what depths; and
 - iii) Whether seasonal fluctuation in groundwater could result in groundwater contacting contaminated soil (e.g., historical records).

- B) The presence or absence of a water bearing unit under subsection (j)(6)(A)(i) of this Section shall be determined on the basis of at least one soil boring to the depth necessary to perform physical soil classification under the selected method (Method One under subsection (c) of this Section or Method Two under subsection (d) of this Section), unless auger refusal occurs because of the density of a geologic material or because bedrock is encountered. If auger refusal occurs, then the Licensed Professional Engineer or Licensed Professional Geologist must demonstrate the depth to a water bearing unit from the available site specific or regional information.
- C) If the evaluation fails to demonstrate to the Agency that a groundwater investigation should not be required as part of site classification activities, then the Licensed Professional Engineer or Licensed Professional Geologist shall perform a groundwater investigation in accordance with the remainder of this subsection (j).
- D) If the evaluation demonstrates to the Agency that a groundwater investigation should not be required, then the site shall be classified as Low Priority, unless other High Priority criteria are present. Upon Agency approval of the evaluation to demonstrate that a groundwater investigation should not be required, then the site shall be classified as Low Priority and a No Further Remediation Letter shall be issued to the owner or operator of the site, unless other High Priority criteria are present.

(Source: Amended at Ill. Reg. , effective)

Section 732.308 Boring Logs and Sealing of Soil Borings and Groundwater Monitoring Wells

- a) Soil boring logs shall be kept for all soil borings. The logs shall be submitted along with the site classification completion report and shall be on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.
 - 1) Soil boring logs shall contain the following information at a minimum:
 - A) Sampling device, sample number and amount of recovery;
 - B) Total depth of boring to the nearest 6 inches;
 - C) Detailed field observations describing materials encountered in

boring, including soil constituents, consistency, color, density, moisture, odors, and the nature and extent of sand or gravel lenses or seams equal to or greater than 1 inch in thickness;

- D) Petroleum hydrocarbon vapor readings (as determined by continuous screening of borings with field instruments capable of detecting such vapors);
- E) Locations of sample(s) used for physical or chemical analysis; and
- F) Groundwater levels while boring and at completion.

2) Boring logs for soil boring(s) completed for physical soil classification also shall include the following information, as applicable for the classification method chosen, for each stratigraphic unit encountered at the site:

- A) Moisture content;
- B) Unconfined compression strength in tons per square foot (TSF) using a hand penetrometer;
- C) Unified Soil Classification System (USCS) soil classification group symbol in accordance with ASTM Standard D 2487-93, "Standard Test Method for Classification of Soils for Engineering Purposes," incorporated by reference in Section 732.104 of this Part, or other Agency approved method; and
- D) The reasoning behind the Licensed Professional Engineer's or Licensed Professional Geologist's decision to perform or not perform soil testing pursuant to Section 732.307(c)(2) and (d)(2) of this Part as to each identified stratigraphic unit.

- b) Boreholes and monitoring wells shall be abandoned pursuant to regulations promulgated by the Illinois Department of Public Health at 77 Ill. Adm. Code 920.120.

(Source: Amended at Ill. Reg. , effective)

Section 732.309 Site Classification Completion Report

- a) Within 30 days after the completion of a site evaluation in accordance with Section 732.307 of this Part, the owner or operator shall submit to the Agency a site classification completion report addressing all applicable elements of the site evaluation. The report shall contain all maps, diagrams, and any other

information required by Section 732.307 of this Part, ~~as well as~~ the results or conclusions of all surveys and investigations and any documentation necessary to demonstrate those results or conclusions, ~~and -The report shall be submitted on forms prescribed and provided by the Agency, shall be signed by the owner or operator, and shall contain~~ the certification of a Licensed Professional Engineer of the site's classification as No Further Action, Low Priority or High Priority in accordance with this Subpart C. Documentation of the water supply well survey conducted pursuant to Section 732.307(f) of this Part must include, but not be limited to, the following:

- 1) One or more maps, to an appropriate scale, showing the following:
 - A) The location of the community water supply wells and other potable water supply wells identified pursuant to Section 732.307(f) of this Part, and the setback zone for each well;
 - B) The location and extent of regulated recharge areas and wellhead protection areas identified pursuant to Section 732.307(f) of this Part;
 - C) The current extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and
 - D) The modeled extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants. The information required under this subsection (D) is not required to be shown in the site classification completion report if modeling is not performed as part of site investigation;
- 2) One or more tables listing the setback zones for each community water supply well and other potables water supply wells identified pursuant to Section 732.307(f) of this Part;
- 3) A narrative that, at a minimum, identifies each entity contacted to identify potable water supply wells pursuant to Section 732.307(f) of this Part, the name and title of each person contacted at each entity, and field observations associated with the identification of potable water supply wells; and
- 4) A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the water supply well survey was conducted in accordance with the requirements of Section 732.307(f) of this Part and that the documentation submitted pursuant to this Section includes the

information obtained as a result of the survey.

~~For No Further Action sites, with the exception of Federal Landholding Entities subject to Section 732.703(d), the owner or operator must sign and submit, with the site classification completion report, a form prescribed and provided by the Agency addressing ownership of the site. Where the owner or operator owns the site, the owner or operator must so indicate on the form. Where the owner or operator either does not own or does not solely own the site, the owner or operator must provide, on the form, a certification by original signature of the title holder(s) of record for the remediation site or each portion thereof, or the agent(s) of such person(s), state as follows:~~

~~I hereby affirm that I have reviewed the attached report and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further affirm that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the site classification completion report.~~

- b) The Agency shall have the authority to review and approve, reject or require modification of any report submitted pursuant to this Section in accordance with the procedures contained in Subpart E of this Part.

(Source: Amended at Ill. Reg. , effective

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Section 732.310 Indicator Contaminants

- a) For purposes of this Part, the term "indicator contaminants" shall mean the ~~parameters~~ identified in subsections (b) through (i) of this Section.
- b) For gasoline, including but not limited to leaded, unleaded, premium and gasohol, the indicator contaminants shall be benzene, ethylbenzene, toluene, total xylenes and methyl tertiary butyl ether (MTBE), except as provided in subsection (h) of this Section. For leaded gasoline, lead shall also be an indicator contaminant.
- c) For aviation turbine fuels, jet fuels, diesel fuels, gas turbine fuel oils, heating fuel oils, illuminating oils, kerosene, lubricants, liquid asphalt and dust laying oils, cable oils, crude oil, crude oil fractions, petroleum feedstocks, petroleum fractions and heavy oils, the indicator contaminants shall be benzene, ethylbenzene, toluene, total xylenes and the polynuclear aromatics ~~(PNA)~~ listed in Section 732.Appendix B of this Part. For leaded aviation turbine fuels, lead shall also be an indicator contaminant.
- d) For transformer oils the indicator contaminants shall be benzene, ethylbenzene, toluene, total xylenes, and the polynuclear aromatics ~~listed in Appendix B~~ and the polychlorinated biphenyl parameters listed in Section 732.Appendix B of this

Part.

- e) For hydraulic fluids the indicator contaminants shall be benzene, ethylbenzene, toluene, total xylenes, the polynuclear aromatics listed in Section 732.Appendix B of this Part and barium.
- f) For petroleum spirits, mineral spirits, Stoddard solvents, high-flash aromatic naphthas, moderately volatile hydrocarbon solvents and petroleum extender oils, the indicator contaminants shall be the volatile, base/neutral and polynuclear aromatic parameters listed in Section 732.Appendix B of this Part. The Agency may add degradation products or mixtures of any of the above pollutants in accordance with 35 Ill. Adm. Code 620.615.
- g) For used oil the indicator contaminants shall be determined by the results of a used oil soil sample analysis. In accordance with Section 732.202(h) of this Part, soil samples must be collected from the walls and floor of the used oil UST excavation if the UST is removed, or from borings drilled along each side of the used oil UST if the UST remains in place. The sample that appears to be the most contaminated as a result of a release from the used oil UST must then be analyzed for the following parameters. If none of the samples appear to be contaminated a soil sample must be collected from the floor of the used oil UST excavation below the former location of the UST if the UST is removed, or from soil located at the same elevation as the bottom of the used oil UST if the UST remains in place, and analyzed for the following parameters: Prior to the submission of a site classification plan the owner or operator shall collect a grab sample from a location representative of soil that is the most contaminated as a result of the release from the used oil UST. If an area of contamination cannot be identified, the sample shall be collected from beneath the used oil UST. The sample shall be analyzed for:
 - 1) All volatile, base/neutral, polynuclear aromatic, and metal parameters listed at Section 732.Appendix B of this Part and any other parameters the Licensed Professional Engineer or Licensed Professional Geologist suspects may be present based on UST usage. The Agency may add degradation products or mixtures of any of the above pollutants in accordance with 35 Ill. Adm. Code 620.615.
 - 2) The used oil indicator contaminants shall be those volatile, base/neutral, ~~polynuclear aromatic~~ and metal parameters listed at Section 732.Appendix B of this Part or as otherwise identified at subsection (g)(1) of this Section that exceed their remediation objective at 35 Ill. Adm. Code 742 in addition to benzene, ethylbenzene, toluene, total xylenes, and polynuclear aromatics listed in Section 732.Appendix B of this Part ~~and PNAs.~~
 - 3) If none of the parameters exceed their remediation objective, the used oil indicator contaminants shall be benzene, ethylbenzene, toluene, total

xylenes, and the polynuclear aromatics listed in Section 732. Appendix B of this Part.

- h) Unless an owner or operator elects otherwise pursuant to subsection (i) of this Section, the term "indicator contaminants" shall not include MTBE for any release reported to the Illinois Emergency Management Agency prior to June 1, 2002 (the effective date of amendments establishing MTBE as an indicator contaminant).
- i) An owner or operator ~~of a site~~ exempt from having to address MTBE as an indicator contaminant pursuant to subsection (h) of this Section may elect to include MTBE as an indicator contaminant under the circumstances listed in subsections (1) or (2) of this subsection (i). ~~following circumstances:~~ Elections to include MTBE as an indicator contaminant must be made by submitting to the Agency a written notification of such election signed by the owner or operator. The election must be effective upon the Agency's receipt of the notification and cannot be withdrawn once made. Owners or operators electing to include MTBE as an indicator contaminant must remediate MTBE contamination in accordance with the requirements of this Part.
 - 1) If the Agency has not issued a No Further Remediation Letter for the release site by June 1, 2002 (the effective date of the amendments establishing MTBE as an indicator contaminant); or
 - 2) If the Agency has issued a No Further Remediation Letter for the release and the release at the site has caused off-site groundwater contamination exceeding the remediation objective for MTBE set forth in 35 Ill. Adm. Code 742, ~~provided that the owner or operator complies with all applicable requirements of this Part.~~

(Source: Amended at Ill. Reg. , effective)

Section 732.311 ~~Indicator Contaminant~~ Groundwater Remediation Objectives

For purposes of this Part, remediation objectives for groundwater indicator contaminant ~~groundwater quality standards~~ shall be the groundwater remediation ~~groundwater~~ objectives specified in 35 Ill. Adm. Code 742 for the applicable indicator contaminants. For mixtures and degradation products that have been included as indicator contaminants in accordance with Section 732.310 of this Part, the Agency shall determine groundwater remediation objectives on a site-by-site basis.

(Source: Amended at Ill. Reg. , effective)

Section 732.312 Classification by Exposure Pathway Exclusion

- a) An owner or operator electing to classify a site by exclusion of human exposure

pathways under 35 Ill. Adm. Code 742, Subpart C, shall meet the requirements of this Section, except as provided in subsections (a)(1) and (j) of this Section.

- 1) Such election shall be made in writing by the owner or operator as part of the submission of the site classification plan under subsection (b) (e) of this Section. The election may be made at any time until the Agency issues a No Further Remediation Letter, provided, however, that the election must be received by the Agency prior to [effective date of this amendment]. On or after [effective date of this amendment], owners and operators desiring to proceed with the exclusion of human exposure pathways under 35 Ill. Adm. Code 742, Subpart C, must elect pursuant to 35 Ill. Adm. Code 734.105 to proceed in accordance with 35 Ill. Adm. Code 734 and conduct site investigation and corrective action in accordance with that Part instead of meeting the requirements of this Section.
 - 2) An owner or operator who chooses to revoke an election submitted under subsection (b) (e) of this Section shall do so in writing.
- ~~b) Upon completion of early action requirements pursuant to Subpart B of this Part, the owner or operator shall determine whether the areas or locations addressed under early action (e.g., backfill) meet the requirements applicable for a Tier 1 evaluation pursuant to 35 Ill. Adm. Code 742, Subpart E.~~
- ~~1) If the remediation objectives have been met, the owner or operator shall submit a corrective action completion report demonstrating compliance with the required levels.~~
 - ~~2) If the remediation objectives have not been met, evaluation shall continue in accordance with subsection (c) of this Section.~~
- b)e) ~~The If, upon completion of early action requirements pursuant to Subpart B of this Part, the requirements under subsection (b) of this Section have not been met, then the~~ owner or operator, prior to conducting any site evaluation activities, shall submit to the Agency a site classification plan including, but not limited to, a contaminant identification and groundwater investigation plan (if one or more of the criteria set forth in Sections 732.202(h)(4)(A) through (C) of this Part are met applicable in accordance with Section 732.300(b)(1), satisfying the minimum requirements for site evaluation activities as set forth in this Section. Site classification plans shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. The plans shall be designed to:
- 1) Determine the full extent of soil or groundwater contamination exceeding the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants. ~~remediation~~

~~objectives for Tier 1 sites under 35 Ill. Adm. Code 742, Subpart E.~~ Such activities may include soil borings with sampling and analysis, groundwater monitoring wells with sampling and analysis, groundwater modeling, or a combination of these activities.

- 2) Collect data sufficient to determine which, if any, of the applicable exposure routes under 35 Ill. Adm. Code 742 can be excluded pursuant to 35 Ill. Adm. Code 742, Subpart C. The data shall include, but is not limited to, site-specific data demonstrating the physical characteristics of soil and groundwater.
- c)d) A Licensed Professional Engineer or Licensed Professional Geologist (or, where appropriate, persons working under the direction of a Licensed Professional Engineer or Licensed Professional Geologist) shall conduct the site evaluation. The results of the site evaluation shall provide the basis for determining the site classification. The site classification shall be certified by the supervising Licensed Professional Engineer or Licensed Professional Geologist.
- d)e) As a part of each site evaluation, the Licensed Professional Engineer or Licensed Professional Geologist shall conduct physical soil classification and contaminant identification in accordance with the procedures at subsection (b) (e) of this Section.
- e)f) In addition to the plan required in subsection (b)-(e) of this Section and prior to conducting any site evaluation activities, any owner or operator intending to seek payment from the Fund shall submit to the Agency a:
- 1) ~~An application for payment of costs associated with eligible early action costs incurred pursuant to Subpart B of this Part, except as provided in subsection (f)(2) of this Section; and~~
 - 2) ~~A site classification budget plan with the corresponding site classification plan. The budget plan, that shall include, but not be limited to, a copy of the eligibility and deductibility determination of the OSFM and an a-line item estimate of all costs associated with the development, implementation and completion of the site evaluation activities required under subsection (b) (e) of this Section, excluding handling charges. Formulation of budget plans should be consistent with the eligible and ineligible costs listed at Sections 732.605 and 732.606 of this Part and the maximum payment amounts set forth in Subpart H of this Part and shall indicate whether it is an Expedited or Non-Expedited Budget.~~
- f)g) Sites shall be classified as No Further Action if the Licensed Professional Engineer or Licensed Professional Geologist determines that all applicable exposure routes can be excluded from further consideration pursuant to 35 Ill. Adm. Code 742, Subpart C.

- g)h) Sites shall be classified as High Priority if the Licensed Professional Engineer or Licensed Professional Geologist determines that any of the applicable exposure routes cannot be excluded from further consideration pursuant to 35 Ill. Adm. Code 742, Subpart C.
- h)i) Within 30 days after the completion of a site evaluation in accordance with this Section, the owner or operator shall submit to the Agency a site classification completion report addressing all applicable elements of the site evaluation. The report shall contain all maps, diagrams, and any other information required by this Section, ~~as well as the results or conclusions of all surveys and investigations and any documentation necessary to demonstrate those results or conclusions, and -~~ ~~The report shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format, shall be signed by the owner or operator, and shall contain the certification of a Licensed Professional Engineer or Licensed Professional Geologist of the site's classification as No Further Action or High Priority in accordance with this Section. For any site classified as High Priority, the report shall also contain the certification of a Licensed Professional Engineer or Licensed Professional Geologist as to which exposure routes, if any, have been excluded from further consideration under 35 Ill. Adm. Code 742, Subpart C. With the exception of Federal Landholding Entities subject to Section 732.703(d), the owner or operator must sign and submit, with the site classification completion report, a form prescribed and provided by the Agency addressing ownership of the site. Where the owner or operator owns the site, the owner or operator must so indicate on the form. Where the owner or operator either does not own or does not solely own the site, the owner or operator must provide, on the form, a certification by original signature of the title holder(s) of record for the remediation site or each portion thereof, or the agent(s) of such person(s), stating as follows:~~
- I hereby affirm that I have reviewed the attached report and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further affirm that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the site classification completion report.
- i)j) The Agency shall have the authority to review and approve, reject or require modification of any plan, budget plan, or report submitted pursuant to this Section in accordance with the procedures contained in Subpart E of this Part.
- j)k) Notwithstanding subsections (b) (e) and (c) (f) of this Section, prior to [effective date of this amendment] an owner or operator may proceed to conduct site evaluation activities in accordance with this Section prior to the submittal or approval of any otherwise required site classification plan or budget plan and ~~associated budget plans~~. However, any such plan and budget plan shall be submitted to the Agency for review and approval, rejection, or modification in

accordance with the procedures contained in Subpart E of this Part prior to ~~receiving payment or reimbursement for any related costs or the issuance of a No Further Remediation Letter. On or after [effective date of this amendment],~~ owners and operators desiring to proceed with the exclusion of human exposure pathways under 35 Ill. Adm. Code 742, Subpart C, must elect pursuant to 35 Ill. Adm. Code 734.105 to proceed in accordance with 35 Ill. Adm. Code 734 and conduct site investigation and corrective action in accordance with that Part instead of meeting the requirements of this Section. ~~If the owner or operator has obtained Agency approval of a Site Classification Work Plan and site classification completion report without submittal of a budget plan pursuant to subsection (b) of this Section, the owner or operator may, as an alternative to submitting a budget plan, submit, on a form provided by the Agency and attached to the application for payment, the actual costs incurred in performing site evaluation activities.~~

- ~~k)~~—If, following the approval of any site classification plan, an owner or operator determines that revised procedures or cost estimates are necessary in order to comply with the minimum required activities for the site, the owner or operator shall submit, as applicable, an amended site classification plan or associated budget plan for review by the Agency. The Agency shall have the authority to review and approve, reject, or require modification of the amended plan or budget plan in accordance with the procedures contained in Subpart E of this Part.

BOARD NOTE: Owners or operators proceeding under subsection (a)(2) or ~~(j) (k)~~ of this Section are advised that they may not be entitled to full payment from the Fund and that applications for payment must be submitted no later than one year after the date the Agency issues a No Further Remediation Letter or reimbursement. ~~Furthermore, owners or operators may only be reimbursed for one method of site classification. See Subpart F of this Part.~~

Owners and operators are also advised that the total payment from the Fund for all corrective action plans and associated budget plans submitted by an owner or operator must not exceed the amounts set forth in Subpart H of this Part.

(Source: Amended at Ill. Reg. , effective

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SUBPART D: CORRECTIVE ACTION

Section 732.400 General

- a) Following approval of the site evaluation and classification by the Agency pursuant to Subpart C of this Part and except as provided in subsection (b) or (c) of this Section, the owner or operator of an UST system subject to the requirements of this Part shall develop and submit a corrective action plan and perform corrective action activities in accordance with the procedures and requirements contained in this Subpart D.

- b) Owners or operators of sites classified in accordance with the requirements of Subpart C as No Further Action may choose to conduct remediation sufficient to satisfy the remediation objectives referenced in Section 732.408 of this Part.
- c) Owners or operators of sites classified in accordance with the requirements of Subpart C as Low Priority may choose to conduct remediation sufficient to satisfy the remediation objectives referenced in Section 732.408 of this Part. Any owner or operator choosing to conduct remediation sufficient to satisfy the remediation objectives in Section 732.408 of this Part shall so notify the Agency in writing prior to conducting such efforts. Upon completion of the remediation activities, owners or operators choosing to conduct remediation sufficient to satisfy the remediation objectives in Section 732.408 of this Part shall submit a corrective action completion report to the Agency demonstrating compliance with the required levels. Upon approval of the corrective action completion report by the Agency in accordance with Subpart E, a No Further Remediation Letter shall be issued by the Agency.

BOARD NOTE: Owners or operators proceeding under subsection (b) or (c) of this Section are advised that they may not be entitled to full payment from the Fund or ~~reimbursement~~. See Subpart F of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.402 No Further Action Site

The owner or operator of a site that has been certified as a No Further Action site by a Licensed Professional Engineer or Licensed Professional Geologist and approved as such by the Agency shall have no additional remediation responsibilities beyond those performed pursuant to Subpart B or C of this Part. If the Agency fails to approve, reject or modify the site classification completion report within 120 days after receipt of the completion report pursuant to Section 732.309 or Section 732.312, the site classification completion report is rejected by operation of law.

(Source: Amended at Ill. Reg. , effective)

Section 732.403 Low Priority Site

- a) The owner or operator of a site that has been certified as a Low Priority site by a Licensed Professional Engineer or Licensed Professional Geologist and approved as such by the Agency shall develop a groundwater monitoring plan and perform groundwater monitoring in accordance with the requirements of this Section.
- b) The owner or operator ~~of a site certified as Low Priority by a Licensed Professional Engineer and approved as such by the Agency~~ shall develop a groundwater monitoring plan designed to satisfy the following requirements at a minimum:

- 1) Groundwater monitoring shall be conducted for a period of three years following the Agency's approval of the site classification, unless subsection (b)(6) or subsection (i) of this Section applies;
 - 2) Groundwater monitoring wells shall be placed at the property line or 200 feet from the UST system, whichever is closer. The wells shall be placed in a configuration ~~designed~~ to provide the greatest likelihood of detecting migration of groundwater contamination. In the event that a groundwater monitoring well cannot physically be installed at the property line or 200 feet from the UST system, whichever is closer, in accordance with this subsection (b)(2), the owner or operator shall request approval from the Agency to place the well further out, but at the closest practical point to the compliance point. The owner or operator may elect to place a monitoring well in a location that is closer to the UST system than the rule requires. However, once the election is made the owner or operator may not withdraw the election at a later time;
 - 3) Groundwater monitoring wells shall satisfy the requirements at subsections 732.307(j)(3) and (4) of this Part;
 - 4) During the first year of groundwater monitoring, samples from each well shall be collected and analyzed on a quarterly basis. During the second year of groundwater monitoring, samples from each well shall be collected and analyzed during the second and fourth quarters. During the third and final year of groundwater monitoring, at a minimum, samples from each well shall be collected and analyzed in the fourth quarter;
 - 5) To determine whether groundwater ~~remediation quality standards or Agency-approved~~ objectives have been exceeded, samples for groundwater monitoring shall be collected and analyzed in accordance with the procedures set forth in Section 732.307(j)(5) of this Part for the applicable indicator contaminants determined pursuant to Section 732.310 of this Part;
 - 6) The owner or operator may use groundwater monitoring data that has been collected up to 3 years prior to the site being certified as Low Priority, if the data meets the requirements of subsections (b)(2) through (b)(5) of this Section. This data may be used to satisfy all or part of the three year period of groundwater monitoring required under this Section.
- c) Prior to the implementation of groundwater monitoring, except as provided under subsection (b)(6) of this Section, the owner or operator shall submit the groundwater monitoring plan to the Agency for review in accordance with Section 732.405 of this Part. If the owner or operator intends to seek payment from the Fund, a groundwater monitoring budget plan also shall be submitted to

the Agency for review. ~~The groundwater monitoring budget plan shall include a line item estimate of all costs associated with the implementation and completion of the groundwater monitoring plan. Groundwater monitoring plans and budgets shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~

- d) Groundwater analysis results obtained pursuant to subsection (b) of this Section shall be submitted to the Agency within 30 days ~~after~~ the end of each annual sampling period ~~on forms prescribed and provided by the Agency~~, except as provided under subsection (b)(6) of this Section. Groundwater analysis data being used pursuant to subsection (b)(6) shall be submitted to the Agency as part of a Low Priority groundwater monitoring plan or the Low Priority groundwater monitoring completion report.
 - 1) The information to be collected shall include, but not be limited to, the information set forth in Section 732.307(j)(5) of this Part.
 - 2) If at any time the groundwater analysis results indicate a confirmed exceedence of the applicable indicator contaminant groundwater remediation quality standards ~~or Agency approved objectives~~ as a result of the underground storage tank release of petroleum, the owner or operator shall notify the Agency of the exceedence within 30 days and provide supporting documentation of the nature and extent of the exceedence.
 - 3) Indicator contaminant groundwater remediation objectives quality standards ~~shall be determined in accordance with Section 732.311 of this Part.~~
- e) Within 30 days after the completion of the Low Priority groundwater monitoring plan, the owner or operator shall submit to the Agency a groundwater monitoring completion report in accordance with Section 732.409 of this Part. If there is no confirmed exceedence of applicable indicator contaminant objectives during the three year groundwater monitoring period, the report shall contain a certification to that effect by a Licensed Professional Engineer or Licensed Professional Geologist.
- f) The Agency shall review the groundwater monitoring completion report in accordance with the procedures set forth in Subpart E of this Part and shall issue a No Further Remediation Letter to the owner or operator in accordance with Subpart G of this Part upon approval of the report by the Agency. If the owner or operator elects to appeal an Agency action to disapprove, modify, or reject by operation of law a Low Priority groundwater monitoring completion report, the Agency shall indicate to the Board in conjunction with such appeal whether it intends to reclassify the site as High Priority.
- g) If at any time groundwater analysis results indicate a confirmed exceedence of

applicable indicator contaminant objectives, the Agency may reclassify the site as a High Priority site any time before the Agency's final approval of a Low Priority groundwater monitoring completion report. The Agency shall notify the owner or operator in writing if a site is reclassified. Notice of reclassification shall be by registered or certified mail, post marked with a date stamp and with return receipt requested. Final action shall be deemed to have taken place on the post marked date that such notice is mailed. Any action by the Agency to reclassify the site as a High Priority site shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for in the review of permit decisions in Section 40 of the Act.

- h) The owner or operator of a Low Priority site reclassified to High Priority pursuant to subsection (g) of this Section shall develop and submit for Agency approval a High Priority corrective action plan satisfying the requirements of Section 732.404 of this Part within 120 days after receiving the notice of reclassification. If the owner or operator intends to seek payment reimbursement from the Fund, a corrective action budget plan ~~budget~~ also shall be submitted within 120 days after receiving the notice of reclassification.
- i) As a result of the demonstration under Section 732.307(j)(6), the owner or operator of a site classified as Low Priority by a Licensed Professional Engineer or Licensed Professional Geologist shall prepare a report in accordance with Section 732.409 of this Part, that supports the issuance of a No Further Remediation Letter or reclassification of the site as a High Priority site. In the event the site is reclassified as a High Priority site, the owner or operator shall develop and submit for Agency approval a High Priority corrective action plan in accordance with subsection (h) Section 732.403(h) of this Section Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.404 High Priority Site

- a) The owner or operator of a site classified as High Priority ~~that has been certified by a Licensed Professional Engineer as a High Priority site and approved as such by the Agency~~ shall develop a corrective action plan and perform corrective action in accordance with the requirements of this Section. The purpose of the corrective action plan shall be to remediate or eliminate each of the criteria set forth in subsection (b) of this Section that caused the site to be classified as High Priority.
- b) The owner or operator ~~of a site certified as High Priority by a Licensed Professional Engineer and approved as such by the Agency or reclassified as High Priority by the Agency pursuant to Section 732.403(e)~~ shall develop a corrective action plan based on site conditions and designed to achieve the following as applicable to the site:

- 1) For sites that have submitted a site classification report under Section 732.309, provide that:
 - A) After complete performance of the corrective action plan, applicable indicator contaminants identified in the groundwater investigation are not present in groundwater, as a result of the underground storage tank release, in concentrations exceeding the remediation objectives referenced in Section 732.408 of this Part at the property boundary line or 200 feet from the UST system, whichever is less;
 - B) After complete performance of the corrective action plan, Class III special resource groundwater quality standards for Class III special resource groundwater within 200 feet of the UST system are not exceeded as a result of the underground storage tank release for any indicator contaminant identified in the groundwater investigation;
 - C) After complete performance of the corrective action plan, remediation of contamination in natural or man-made exposure pathways as a result of the underground storage tank release has been conducted in accordance with 35 Ill. Adm. Code 742;
 - D) Threats to potable water supplies are remediated; and
 - E) Threats to bodies of surface water are remediated.
 - 2) For sites that have submitted a site classification completion report under Section 732.312 of this Part, provide that, after complete performance of the corrective action plan, the concentrations of applicable indicator contaminants meet the remediation objectives developed under Section 732.408 for any applicable exposure route not excluded from consideration under Section 732.312.
- c) The owner or operator is not required to perform corrective action on an adjoining or off-site property to meet the requirements of this Section, even where complete performance of the corrective action plan under subsection (b)(1) or (b)(2) of this Section would otherwise require such off-site action, if the Agency determines that the owner or operator is unable to obtain access to the property despite the use of best efforts in accordance with the requirements of Section 732.411 of this Part.
 - d) In developing the corrective action plan, if the Licensed Professional Engineer or Licensed Professional Geologist selects soil or groundwater remediation, or both, to satisfy any of the criteria set forth in subsection (b) of this Section, remediation objectives shall be determined in accordance with Section 732.408 of this Part.

Groundwater monitoring wells shall satisfy the requirements of Section 732.307(j)(3) and (4) of this Part.

- e) Except where provided otherwise pursuant to Section 732.312 of this Part, in developing the corrective action plan, additional investigation activities beyond those required for the site evaluation and classification may be necessary to determine the full extent of soil or groundwater contamination and of threats to human health or the environment. Such activities may include, but are not limited to, additional soil borings with sampling and analysis or additional groundwater monitoring wells with sampling and analysis. Such activities as are technically necessary and consistent with generally accepted engineering practices may be performed without submitting a work plan or receiving prior approval from the Agency, and associated costs may be included in a High Priority corrective action budget plan. A description of these activities and the results shall be included as a part of the corrective action plan.
 - 1) In addition to the potable water supply wells identified pursuant to Section 732.307(f) of this Part, the owner or operator must extend the water supply well survey if soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants extends beyond the site's property boundary, or, as part of a corrective action plan, the owner or operator proposes to leave in place soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants and contamination exceeding such objectives is modeled to migrate beyond the site's property boundary. At a minimum, the extended water supply well survey must identify the following:
 - A) All potable water supply wells located within 200 feet, and all community water supply wells located within 2,500 feet, of the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and
 - B) All regulated recharge areas and wellhead protection areas in which the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants is located.
 - 2) The Agency may require additional investigation of potable water supply wells, regulated recharge areas, or wellhead protection areas if site-specific circumstances warrant. Such circumstances must include, but not be limited to, the existence of one or more parcels of property within 200

feet of the current or modeled extent of soil or groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants where potable water is likely to be used, but that is not served by a public water supply or a well identified pursuant to Section 732.307(f)(1) of this Part or subsection (e)(1) of this Section. The additional investigation may include, but not be limited to, physical well surveys (e.g., interviewing property owners, investigating individual properties for wellheads, distributing door hangers or other material that requests information about the existence of potable wells on the property, etc.).

- f) The owner or operator shall submit the corrective action plan to the Agency for review in accordance with Section 732.405 of this Part. If the owner or operator intends to seek payment from the Fund, a corrective action budget plan budget also shall be submitted to the Agency for review. ~~The corrective action plan budget shall include a line item estimate of all costs associated with the implementation and completion of the corrective action plan. The corrective action plan and corrective action plan budget shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~
- g) Within 30 days after completing the performance of the High Priority corrective action plan, the owner or operator shall submit to the Agency a corrective action completion report in accordance with Section 732.409 of this Part.
- h) Within 120 days, the Agency shall review the corrective action completion report in accordance with the procedures set forth in Subpart E of this Part and shall issue a No Further Remediation Letter to the owner or operator in accordance with Subpart G of this Part upon approval by the Agency.

(Source: Amended at Ill. Reg. , effective)

Section 732.405 Plan Submittal and Review

- a) Prior to conducting any corrective action activities pursuant to this Subpart D, the owner or operator shall submit to the Agency a Low Priority groundwater monitoring plan or a High Priority corrective action plan satisfying the minimum requirements for such activities as set forth in Section 732.403 or 732.404 of this Part, as applicable. ~~Groundwater monitoring and corrective action plans shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~
- b) In addition to the plans required in subsections (a), (e), and (f) of this Section and prior to conducting any groundwater monitoring or corrective action activities, any owner or operator intending to seek payment from the Fund shall submit to

the Agency a groundwater monitoring or corrective action budget plan with the corresponding groundwater monitoring or corrective action plan. Such budget plans shall include, but not be limited to, a copy of the eligibility and deductibility determination of the OSFM and an a-line item estimate of all costs associated with the development, implementation and completion of the applicable activities, excluding handling charges. Formulation of budget plans should be consistent with the eligible and ineligible costs listed at Sections 732.605 and 732.606 of this Part and the maximum payment amounts set forth in Subpart H of this Part. As part of the budget plan the Agency may require a comparison between the costs of the proposed method of remediation and other methods of remediation. ~~Groundwater monitoring and corrective action budget plans shall be submitted on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format.~~

- c) The Agency shall have the authority to review and approve, reject or require modification of any plan or budget plan submitted pursuant to this Section in accordance with the procedures contained in Subpart E of this Part.
- d) Notwithstanding subsections (a), (b), (e), and (f) of this Section and except as provided at Section 732.407 of this Part, an owner or operator may proceed to conduct Low Priority groundwater monitoring or High Priority corrective action activities in accordance with this Subpart D prior to the submittal or approval of an otherwise required groundwater monitoring plan or budget plan or corrective action plan or budget plan. However, any such plan and budget plan shall be submitted to the Agency for review and approval, rejection, or modification in accordance with the procedures contained in this Subpart E of this Part prior to payment ~~or reimbursement~~ for any related costs or the issuance of a No Further Remediation Letter. ~~If the owner or operator has obtained Agency approval of a Low Priority groundwater monitoring plan and a Low Priority groundwater monitoring completion report, or has obtained Agency approval of a High Priority corrective action plan and a High Priority corrective action completion report, without the submittal of a budget plan pursuant to subsection (b) of this Section, the owner or operator may, as an alternative to submitting a budget plan, submit, on a form provided by the Agency and attached to the application for payment, the actual costs incurred in performing the applicable activities required, for a Low Priority site, in Section 732.403 of this Part or, for a High Priority site, in Section 732.404 of this Part.~~

BOARD NOTE: Owners or operators proceeding under subsection (d) of this Section are advised that they may not be entitled to full payment from the Fund or reimbursement. Furthermore, applications for payment must be submitted no later than one year after the date the Agency issues a No Further Remediation Letter. See Subpart F of this Part.

- e) If, following approval of any groundwater monitoring plan, corrective action plan or associated budget plan, an owner or operator determines that revised procedures or cost estimates are necessary in order to comply with the minimum required activities for the site, the owner or operator shall submit, as applicable,

an amended groundwater monitoring plan, corrective action plan or associated budget plan for review by the Agency. The Agency shall review and approve, reject, or require modifications of the amended plan or budget plan in accordance with the procedures contained in Subpart E of this Part.

- f) If the Agency determines any approved corrective action plan has not achieved applicable remediation objectives within a reasonable time, based upon the method of remediation and site specific circumstances, the Agency may require the owner or operator to submit a revised corrective action plan. If the owner or operator intends to seek payment from the Fund, the owner or operator must also submit a revised budget plan. Any action by the Agency to require a revised corrective action plan pursuant to this subsection (f) shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act.

~~BOARD NOTE: Owners and operators are advised that the total payment from the Fund for all groundwater monitoring plans and associated budget plans, and for all corrective action plans and associated budget plans, submitted by an owner or operator must not exceed the amounts set forth in Subpart H of this Part.~~

(Source: Amended at Ill. Reg. , effective)

Section 732.406 Deferred Corrective Action; Priority List for Payment

- a) An owner or operator who has received approval for any budget plan submitted pursuant to this Part and who is eligible for payment from the underground storage tank fund may elect to defer site classification, low priority groundwater monitoring, or remediation activities until funds are available in an amount equal to the amount approved in the budget plan if the requirements of subsection (b) of this Section are met. ~~An owner or operator who has received approval for any budget plan submitted pursuant to this Part and who is eligible for payment from the underground storage tank fund may elect to defer site classification, low priority groundwater monitoring, or remediation activities until funds are available in an amount equal to the amount approved in the budget plan if the requirements of subsection (b) of this Section are met [415 ILCS 5/57.8(b)].~~
- 1) Approvals of budget plans shall be pursuant to Agency review in accordance with Subpart E of this Part.
 - 2) The Agency shall monitor the availability of funds ~~to determine whether sufficient resources exist to provide payment of approved budget plans~~ and shall provide notice of insufficient funds to owners or operators ~~of the availability of funds~~ in accordance with Section 732.503(g) of this Part. ~~Funds shall not be deemed available for owners or operators electing to defer corrective action so long as there are owners or operators on the priority list established pursuant to Section 732.603(d) of this Part~~

~~awaiting forwarding of vouchers to the Office of the State Comptroller.~~

- 3) Owners and operators must submit elections to defer low priority groundwater monitoring or high priority corrective action activities on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. The Agency's record of the date of receipt must be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.
- 4) The Agency must review elections to defer low priority groundwater monitoring or high priority corrective action activities to determine whether the requirements of subsection (b) of this Section are met. The Agency must notify the owner or operator in writing of its final action on any such election. If the Agency fails to notify the owner or operator of its final action within 120 days after its receipt of the election, the owner or operator may deem the election rejected by operation of law.
 - A) The Agency must mail notices of final action on an election to defer by registered or certified mail, postmarked with a date stamp and with return receipt requested. Final action must be deemed to have taken place on the post marked date that such notice is mailed.
 - B) Any action by the Agency to reject an election, or the rejection of an election by the Agency's failure to act, is subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act.
- 5)3) Upon approval of an election ~~receiving written notification that an owner or operator elects to~~ defer low priority groundwater monitoring or high priority corrective action activities ~~corrective action~~ until funds are available, the Agency shall place the site on a priority list for payment and notification of availability of sufficient funds. Sites shall enter the priority list for payment and move up based solely on the date the Agency receives a complete the written election of deferral, with the earliest dates having the highest priority. ~~The Agency's record of the date of receipt shall be deemed conclusive, unless a contrary date is proven by a dated, signed receipt from registered or certified mail.~~
- 6)4) As funds become available the Agency shall encumber funds for each site in the order of priority in an amount equal to the total of the approved budget plan for which deferral was sought. The Agency shall then notify owners or operators that sufficient funds have been allocated for the owner's or operator's site. After such notification the owner or operator shall commence corrective action.

- ~~7)5)~~ Authorization of payment of encumbered funds for deferred low priority groundwater monitoring or high priority corrective action ~~corrective action~~ activities shall be approved in accordance with the requirements of Subpart F of this Part.
- ~~86)~~ The priority list for payment and notification of availability of sufficient funds shall be the same as that used for deferred site classification pursuant to Section 732.306 of this Part with both types of deferrals entering the list and moving up solely on the basis of the date the Agency receives written notice of the deferral.
- b) An owner or operator who elects to defer ~~site classification~~, low priority groundwater monitoring or high priority corrective action , ~~or remediation~~ activities under subsection (a) of this Section shall submit a report certified by a Licensed Professional Engineer or Licensed Professional Geologist demonstrating the following:
- ~~1)~~ The Agency has approved the owner's or operator's low priority groundwater monitoring or high priority corrective action budget plan;
 - ~~2)~~ The owner or operator has been determined eligible to seek payment from the Fund;
 - ~~3)4)~~ The early action requirements of Subpart B of this Part have been met; ~~and~~
 - ~~4)~~ Groundwater contamination does not exceed the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants as a result of the release, modeling in accordance with 35 Ill. Adm. Code 742 shows that groundwater contamination will not exceed such Tier 1 remediation objectives as a result of the release, and no potable water supply wells are impacted as a result of the release; and
 - ~~5)~~ Soil contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants does not extend beyond the site's property boundary and is not located within a regulated recharge area, a wellhead protection area, or the setback zone of a potable water supply well. Documentation to demonstrate that this subsection (b)(5) is satisfied must include, but not be limited to, the results of a water supply well survey conducted in accordance with Section 732.307(f) of this Part.
 - ~~2)~~ The release does not pose a threat to human health or the environment through migratory pathways following the investigation of migration pathways requirements of Section 732.307(g) of this Part.

- c) An owner or operator may, at any time, withdraw the election to defer low priority groundwater monitoring or high priority corrective action activities. ~~commence corrective action upon the availability of funds at any time.~~ The owner or operator must notify the Agency ~~shall be notified~~ in writing of the withdrawal. Upon such withdrawal, the owner or operator shall proceed with corrective action in accordance with the requirements of this Part.

(Source: Amended at Ill. Reg. , effective

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Section 732.407 Alternative Technologies

- a) An owner or operator may choose to use an alternative technology for corrective action in response to a release of petroleum at a High Priority site. Corrective action plans proposing the use of alternative technologies shall be submitted to the Agency in accordance with Section 732.405 of this Part. In addition to the requirements for corrective action plans contained in Section 732.404, the owner or operator who seeks approval of an ~~alternative~~ technology shall submit documentation along with the corrective action plan demonstrating that:
- 1) The proposed alternative technology has a substantial likelihood of successfully achieving compliance with all applicable regulations and all corrective action remediation objectives necessary to comply with the Act and regulations and to protect human health or the environment;
 - 2) The proposed alternative technology will not adversely affect human health or the environment;
 - 3) The owner or operator will obtain all Agency permits necessary to legally authorize use of the alternative technology;
 - 4) The owner or operator will implement a program to monitor whether the requirements of subsection (a)(1) of this Section have been met; and
 - 5) Within one year from the date of Agency approval the owner or operator will provide to the Agency monitoring program results establishing whether the proposed alternative technology will successfully achieve compliance with the requirements of subsection (a)(1) of this Section and any other applicable regulations. The Agency may require interim reports as necessary to track the progress of the alternative technology. The Agency will specify in the approval when those interim reports shall be submitted to the Agency. If required, the time necessary to write such a report will be treated as an extraordinary circumstance for purposes of payment from the Fund.
- b) An owner or operator intending to seek payment ~~or reimbursement~~ for costs

associated with the use of an alternative technology shall submit a corresponding budget plan in accordance with Section 732.405 of this Part. In addition to the requirements for corrective action budget plans at Section 732.404 of this Part, the budget plan must demonstrate that the cost of the alternative technology will not exceed the cost of conventional technology, provided that conventional technology can satisfy subsection (a)(1) of this section, and is not substantially higher than other available alternative technologies. The budget plan must compare the costs of at least two other alternative technologies to the costs of the proposed alternative technology, if other alternative technologies are available and are technically feasible.

BOARD NOTE: The cost comparison required in subsection (b) of this section shall include technologies with a substantial likelihood of successfully achieving compliance with all applicable regulations and remediation objectives necessary to comply with the Act and regulations and to protect human health and safety and the environment.

- c) If an owner or operator has received approval of a corrective action plan and associated budget plan from the Agency prior to implementing the plan and the alternative technology fails to satisfy the requirements of subsection (a)(1) or (a)(2) of this Section, such failure shall not make the owner or operator ineligible to seek payment ~~or reimbursement~~ for the activities associated with the implementation of the alternative technology through the date of suspension by the Agency nor the subsequent performance of a corrective action using conventional technology. However, in no case shall the total payment ~~or reimbursement~~ for the site exceed the statutory maximums.

Owners or operators implementing alternative technologies without obtaining pre-approval and the alternative technology fails to satisfy the requirements of subsection (a)(1) or (a)(2) of this Section, must be ineligible to seek payment for the associated costs incurred. However, the owner/operator is eligible to seek payment for the activities associated with the subsequent performance of a corrective action using conventional and/or alternative technologies provided the owner or operator has received approval of a corrective action plan and associated budget from the Agency prior to implementing the plan.

~~Owners or operators implementing alternative technologies without obtaining pre-approval shall be ineligible to seek payment or reimbursement for the subsequent performance of a corrective action using conventional technology.~~

- d) The Agency may require remote monitoring of an alternative technology. The monitoring may include, but not be limited to, monitoring the alternative technology's operation and progress in achieving the applicable remediation objectives.

(Source: Amended at Ill. Reg. , effective)

Section 732.408 Remediation Objectives

For sites requiring High Priority corrective action or for which the owner or operator has elected to conduct corrective action pursuant to Section 732.300(b), 732.400(b) or 732.400(c) of this Part, the owner or operator shall propose remediation objectives for applicable indicator contaminants in accordance with 35 Ill. Adm. Code 742. Owners and operators seeking payment from the Fund that perform on-site corrective action in accordance with Tier 2 remediation objectives of 35 Ill. Adm. Code 742 must determine the following parameters on a site-specific basis:

- Hydraulic conductivity (K)
- Soil bulk density (ρ_b)
- Soil particle density (ρ_s)
- Moisture content (w)
- Organic carbon content (f_{oc})

~~Board Note: Failure to use site specific remediation objectives on site and to utilize available groundwater ordinances as institutional controls may result in certain corrective action costs being ineligible for payment from the Fund. See Sections 732.606(eee) and (ff) of this Part.~~

Section 732.409 Groundwater Monitoring and Corrective Action Completion Reports

- a) Within 30 days after completing the performance of a Low Priority groundwater monitoring plan or High Priority corrective action plan, the owner or operator shall submit to the Agency a groundwater monitoring completion report or a corrective action completion report.
 - 1) The Low Priority groundwater monitoring completion report shall include: ~~but not be limited to;~~ a narrative describing the implementation and completion of all elements of the groundwater monitoring plan and the procedures used for collection and analysis of samples, analytical results in tabular form, actual analytical results, laboratory certification and any other information or documentation relied upon by the Licensed Professional Engineer or Licensed Professional Geologist in reaching the conclusion that the requirements of the Act and regulations have been satisfied and that no further remediation is required at the site.
 - 2) The High Priority corrective action completion report shall include ~~but not be limited to;~~ a narrative and timetable describing the implementation and completion of all elements of the corrective action plan and the procedures used for the collection and analysis of samples, soil boring logs, actual analytical results, laboratory certification, site maps, well logs, and any other information or documentation relied upon by the Licensed Professional Engineer in reaching the conclusion that the requirements of the Act and regulations have been satisfied and that no further remediation is required at the site. Documentation of any water supply well survey conducted pursuant to Section 732.404(e) of this Part must include, but not be limited to, the following:

- A) One ~~or more~~ maps, to an appropriate scale, showing the following:
- i) The location of the community water supply wells and other potable water supply wells identified pursuant to Section 732.404(e) of this Part, and the setback zone for each well;
 - ii) The location and extent of regulated recharge areas and wellhead protection areas identified pursuant to Section 732.404(e) of this Part;
 - iii) The current extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants; and
 - iv) The modeled extent of groundwater contamination exceeding the Tier 1 groundwater ingestion exposure route remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants.
- B) One ~~or more~~ tables listing the setback zones for each community water supply well and other potable water supply wells identified pursuant to Section 732.404(e) of this Part;
- C) A narrative that, at a minimum, identifies each entity contacted to identify potable water supply wells pursuant to Section 732.404(e) of this Part, the name and title of each person contacted at each entity, and field observations associated with the identification of potable water supply wells; and
- D) A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the water supply well survey was conducted in accordance with the requirements of Section 732.404(e) of this Part and that the documentation submitted pursuant to this Section includes the information obtained as a result of the survey.
- 3) A High Priority corrective action completion report shall demonstrate the following:
- A) For sites submitting a site classification report under Section 732.309 of this Part:
- i) Applicable indicator contaminant groundwater objectives are not

exceeded at the property boundary line or 200 feet from the UST system, whichever is less, as a result of the release of petroleum for any indicator contaminant identified during the groundwater investigation;

- ii) Class III resource groundwater quality standards for Class III special use resource groundwater within 200 feet of the UST system are not exceeded as a result of the release of petroleum for any indicator contaminant identified during the groundwater investigation;
- iii) The release of petroleum does not threaten human health or human safety due to the presence or migration, through natural or manmade pathways, of petroleum in concentration sufficient to harm human health or human safety or to cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces;
- iv) The release of petroleum does not threaten any surface water body; and
- v) The release of petroleum does not threaten any potable water supply.

B) For sites submitting a site classification completion report under Section 732.312 of this Part, the concentrations of applicable indicator contaminants meet the remediation objectives developed under Section 732.408 of this Part for any applicable exposure route not excluded from further consideration under Section 732.312 of this Part.

- b) The applicable report shall be ~~submitted on forms prescribed and provided by the Agency, and, if specified by the Agency by written notice, in an electronic format, shall be signed by the owner or operator, and shall be~~ accompanied by a certification from a Licensed Professional Engineer, in accordance with subsection (a) of this Section, that the information presented in the applicable report is accurate and complete, that groundwater monitoring or corrective action have been completed in accordance with the requirements of the Act and this Subpart D, and that no further remediation is required at the site. ~~With the exception of Federal Landholding Entities subject to Section 732.703(d), the owner or must sign and submit, with the corrective action completion report, a form prescribed and provided by the Agency addressing ownership of the site. Where the owner or operator owns the site, the owner or operator must so indicate on the form. Where the owner or operator either does not own or does not solely own the site, the owner or operator must provide, on the form, a certification by original signature of the title holder(s) of record for the remediation site or each portion thereof, or the agent(s) of such person(s), stating as follows:~~

~~I hereby affirm that I have reviewed the attached report and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further affirm that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the corrective action completion report.~~

- c) The Agency shall have the authority to review and approve, reject or require modification of any report submitted pursuant to this Section in accordance with the procedures contained in Subpart E of this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.411 Off-site Access

- a) An owner or operator seeking to comply with the best efforts requirements of Section 732.404(c) of this Part must demonstrate compliance with the requirements of this Section.
- b) In conducting best efforts to obtain off-site access, an owner or operator must ~~at a minimum~~, send a letter by certified mail to the owner of any off-site property to which access is required, stating:
- 1) Citation to Title XVI ~~Section 57~~ of the Act stating the legal responsibility of the owner or operator to remediate the contamination caused by the release;
 - 2) That, if the property owner denies access to the owner or operator, the owner or operator may seek to gain entry by a court order pursuant to Section 22.2c ~~22.2(e)~~ of the Act;
 - 3) That, in performing the requested investigation, the owner or operator will work so as to minimize any disruption on the property, will maintain, or its ~~consultant~~ Consultant and/or Contractor, will maintain, appropriate insurance and will repair any damage caused by the investigation;
 - 4) If contamination results from a release by the owner or operator, the owner or operator will conduct all associated remediation at its own expense;
 - 5) That threats to human health and the environment and diminished property value may result from failure to remediate contamination from the release; and
 - 6) A reasonable time to respond to the letter, not less than 30 days.

- c) An owner or operator, in demonstrating that the requirements of this Section have been met, must provide to the Agency, as part of the corrective action completion report, the following documentation:
 - 1) A sworn affidavit, signed by the owner or operator identifying the specific off-site property involved by address, the measures proposed in the corrective action plan that require off-site access, and the efforts taken to obtain access, and stating that the owner or operator has been unable to obtain access despite the use of best efforts; and
 - 2) A copy of the certified letter sent to the owner of the off-site property pursuant to subsection (b) of this Section.
- d) In determining whether the efforts an owner or operator has made constitute best efforts to obtain access, the Agency must consider the following factors:
 - 1) The physical and chemical characteristics, including toxicity, persistence and potential for migration, of applicable indicator contaminants at the property boundary line;
 - 2) The hydrogeological characteristics of the site and the surrounding area, including the attenuation capacity and saturation limits of the soil at the property boundary line;
 - 3) The nature and extent of known contamination at the site, including the levels of applicable indicator contaminants at the property boundary line;
 - 4) The potential effects of residual contamination on nearby surface water and groundwater;
 - 5) The proximity, quality and current and future uses of nearby surface water and groundwater, including ~~setback zones and~~ regulated recharge areas, wellhead protection areas, and setback zones of potable water supply wells;
 - 6) Any known or suspected natural or man-made migration pathways existing in or near the suspected area of off-site contamination;
 - 7) The nature and use of the part of the off-site property that is the suspected area of contamination;
 - 8) Any existing on-site engineered barriers or institutional controls that might have an impact on the area of suspected off-site contamination, and the nature and extent of such impact; and
 - 9) Any other applicable information assembled in compliance with this Part.

- e) The Agency shall issue a No Further Remediation Letter to an owner or operator subject to this Section and otherwise entitled to such issuance only if the owner or operator has, in accordance with this Section, either completed any requisite off-site corrective action or demonstrated to meet the Agency's satisfaction requirements of subsection (a) of this section demonstrating an inability to obtain off-site access despite best efforts.
- f) The owner or operator is not relieved of responsibility to clean up a release that has migrated beyond the property boundary even where off-site access is denied. However, the owner or operator may seek reimbursement from the Fund for all eligible costs pursuant to Subpart C following the issuance of an NFR letter, should access be granted after issuance of such letter.

(Source: Amended at Ill. Reg. , effective)

SUBPART E: REVIEW OF SELECTION AND REVIEW PROCEDURES FOR PLANS, BUDGET PLANS, AND REPORTS

Section 732.500 General

- a) The Agency shall have the authority to review any plan, budget plan, or report, including any amended plan, budget plan, or report, submitted pursuant to this Part. All such reviews shall be subject to the procedures set forth in the Act and this Subpart E.
- ~~b) For purposes of this Part, "plan" shall mean:~~
 - ~~1) Any physical soil classification or groundwater investigation plan or associated budget plan submitted pursuant to Subpart C of this Part;~~
 - ~~2) Any groundwater monitoring plan or associated budget plan submitted pursuant to Subpart D of this Part; or~~
 - ~~3) Any site specific corrective action plan or associated budget plan submitted pursuant to Subpart D of this Part.~~
- ~~c) For purposes of this Part, "report" shall mean:~~
 - ~~1) Any early action report or free product removal report submitted pursuant to Subpart B of this Part;~~
 - ~~2) Any site classification completion report submitted pursuant to Subpart C;~~
 - ~~3) Any annual groundwater monitoring report submitted pursuant to Subpart~~

~~D of this Part;~~

- ~~4) Any groundwater monitoring completion report submitted pursuant to Subpart D of this Part; or~~
- ~~5) Any corrective action completion report submitted pursuant to Subpart D of this Part or Section 732.300(b) or 732.400(b).~~

(Source: Amended at Ill. Reg. , effective)

Section 732.501 Submittal of Plans or Reports (Repealed)

~~All plans or reports shall be made on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. Plans or reports shall be mailed or delivered to the address designated by the Agency. The Agency's record of the date of receipt shall be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.~~

(Source: Amended at Ill. Reg. , effective)

Section 732.502 Completeness Review (Repealed)

- ~~a) The Agency shall review for completeness all plans submitted pursuant to this Part 732. The completeness review shall be sufficient to determine whether all information and documentation required by the Agency form for the particular plan are present. The review shall not be used to determine the technical sufficiency of a particular plan or of the information or documentation submitted along with the plan.~~
- ~~b) The Agency shall have 45 days from the receipt of a plan to finish the completeness review. If the completeness review finds that the plan is complete, the Agency shall so notify the owner or operator in writing and proceed, where appropriate, to approval, rejection or modification of the substantive portions of the plan. If the completeness review finds that the plan is incomplete, the Agency shall notify the owner or operator in writing. The notification shall include an explanation of the specific type of information or documentation that the Agency deems necessary to complete the plan.~~
 - ~~1) The Agency may, to the extent consistent with Agency deadlines, provide the owner or operator with a reasonable opportunity to correct deficiencies prior to a final determination on completeness.~~
 - ~~2) The Agency shall mail notice of incompleteness by registered or certified mail, post marked with a date stamp and with return receipt requested. The decision shall be deemed to have taken place on the post marked date that such notice is mailed.~~

- 3) ~~All time limits for Agency final action on a plan or report shall be calculated from the date the Agency receives a plan or report. Receipt of an amended plan or report, after a notice of incompleteness, shall restart all time limits for Agency final action on that plan or report.~~
- e) ~~Any budget plan submitted must be preceded or accompanied by an associated technical plan in order for the budget plan to be deemed complete.~~
- d) ~~The failure of the Agency to notify an owner or operator within 45 days that a plan is incomplete shall result in the plan being deemed complete. Any action by the Agency pursuant to this Section shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for in the review of permit decisions in Section 40 of the Act.~~

(Source: Repealed at Ill. Reg. , effective)

Section 732.503 ~~Full~~ Review of Plans, Budget Plans, or Reports

- a) ~~The Agency may review~~ In addition to the completeness review for plans conducted pursuant to Section 732.502 of this Part, the Agency may conduct a full review of plans or reports selected in accordance with the requirements of Section 732.504 of this Part. A full review may include any or all technical or financial information, or both, relied upon by the owner or operator or the Licensed Professional Engineer or Licensed Professional Geologist in developing any the plan, budget plan, Non-Expedited Plan or Non-Expedited Budget, or corresponding or report selected for review. The Agency may also full review also may include the review of any other plans, budget plans, technical information relating to Expedited Plans, Expedited Budgets, or reports submitted in conjunction with the site.
- b) The Agency shall have the authority to approve, reject or require modification of any plan, budget plan, or report ~~it reviews that has been given a full review~~. The Agency shall notify the owner or operator in writing of its final action on any such plan, budget plan, or report, except in the case of 20 day, 45 day or free product removal reports submitted pursuant to Section 732.203 (a)(4), in which case no notification is necessary. Except as provided in subsections (c) and (d) ~~and (e)~~ of this Section, if the Agency fails to notify the owner or operator of its final action on a plan, budget plan, an Expedited Plan or Expedited Budget within 60 days after its receipt, the owner or operator may deem the plan or budget approved by operation of law. If the Agency fails to notify the owner or operator of its final decision with regard to any Non-Expedited Plan or Non-Expedited Budget or report within 120 days after the receipt of a plan, budget plan, or report, the owner or operator may deem the plan, budget plan, or report rejected by operation of law. If the Agency rejects a plan, budget plan, or report or requires modifications, the written notification shall contain the following

information, as applicable:

- 1) An ~~explained~~ explanation of the specific type of information, if any, that the Agency needs to complete the ~~full~~ review;
 - 2) An explanation of the Sections of the Act or regulations that may be violated if the plan, budget plan, or report is approved; and
 - 3) A statement of specific reasons why the cited Sections of the Act or regulations may be violated if the plan, budget plan, or report is approved.
- ~~e) — For High Priority corrective action plans submitted by owners or operators not seeking payment reimbursement from the Fund, the Agency may delay final action on such plans until 120 days after it receives the corrective action completion report required pursuant to Section 732.409 of this Part.~~
- ~~ed)~~ An owner or operator may waive the right to a final decision for a Non-Expedited Plan or Budget within 120 days after the submittal of a complete plan, budget plan, or report by submitting written notice to the Agency prior to the applicable deadline. Any waiver shall be for a minimum of ~~3060~~ days.
- ~~ed)~~ The Agency shall mail notices of final action on plans, budget plans, or reports by registered or certified mail, post marked with a date stamp and with return receipt requested. Final action shall be deemed to have taken place on the post marked date that such notice is mailed.
- ~~fe)~~ Any action by the Agency to reject or require modification, or rejection by failure to act, of a plan, budget plan, or report shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act. ~~If the owner or operator elects to incorporate modifications required by the Agency rather than appeal, a revised plan or report shall be submitted to the Agency within 35 days after the receipt of the Agency's written notification. If no revised plan or report is submitted to the Agency or no appeal to the Board is filed within the specified time frames, the plan or report shall be deemed approved as modified by the Agency. If any plan or report is rejected by operation of law, in lieu of an immediate appeal to the Board the owner or operator may either resubmit the plan or report to the Agency or file a joint request for a 90 day extension in the manner provided for extensions of permit decisions in Section 40 of the Act.~~
- ~~g) — Notification of Selection for Full Review~~
- 1) ~~Owners or operators submitting plans shall be notified by the Agency within 60 days after the date the plan is deemed complete if the plan has not been selected for full review in accordance with Section 732.504 of this Part. Failure of the Agency to so notify the owner or operator shall~~

~~mean that the plan has been selected for full review. Notification by the Agency that the plan has not been selected for full review shall constitute approval of the plan.~~

~~2) — Owners or operators submitting reports shall be notified by the Agency within 60 days after the receipt of the report if the report has not been selected for full review in accordance with Section 732.504 of this Part, except in the case of 20 day, 45 day or free product reports, in which case no notification of selection is necessary. Failure of the Agency to so notify the owner or operator shall mean that the report has been selected for full review. Notification by the Agency that the report has not been selected for full review shall constitute approval of the report.~~

~~3) — Notice shall be sent and the date of notification shall be computed in accordance with subsection (e) of this Section.~~

~~(b) — In accordance with Sections 732.306 and 732.406 of this Part, upon the approval of any budget plan by the Agency, the Agency shall include as part of the final notice to the owner or operator a notice of insufficient funds if the Fund does not contain sufficient funds to provide payment of the total costs approved in the budget plan. statement of whether or not the Fund contains sufficient resources in order to immediately commence the approved measures.~~

(Source: Amended at Ill. Reg. , effective

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Section 732.504 Selection of Plans or Reports for Full Review (Repealed)

~~a) — The Agency shall select for full review a reasonable number of each type of plan or report. The number of plans or reports selected for full review shall be determined by the Agency based on the resources available to the Agency, the potential environmental impact at the site, the financial and technical complexity of the plan or report, and experience with prior reviews. To assure consistency and fairness in the selection process, the Agency shall follow a selection process that has the following goals:~~

~~1) — A full technical and financial review of every “High Priority” corrective action plan, associated budget plan, and completion report submitted pursuant to Subpart D of this Part;~~

~~2) — A full technical and financial review of every corrective action plan, associated budget plan, and completion report submitted pursuant to Sections 732.300(b) or 732.400© of this Part;~~

~~3) — A full technical review of approximately 20% of the site classification reports submitted pursuant to Subpart C of this Part;~~

4) ~~Site Classification Plans~~

- A) ~~A full technical review of any site classification plan (including physical soil classification and groundwater investigation plans) for which the associated site classification report was selected for full review or that has an associated budget plan exceeding the typical cost for such plans as determined by the Agency;~~
- B) ~~A full financial review of any site classification budget plan exceeding the typical cost for such plans as determined by the Agency;~~

5) ~~"Low Priority" Groundwater Monitoring Plans~~

- A) ~~A full technical review of any "Low Priority" groundwater monitoring plan that has an associated budget plan exceeding the typical cost for such plans as determined by the Agency;~~
- B) ~~A full financial review of any "Low Priority" groundwater monitoring budget plan exceeding the typical cost for such plans as determined by the Agency;~~

6) ~~A full technical review of any "Low Priority" annual groundwater sampling and analysis report or any groundwater monitoring completion report submitted pursuant to Subpart D of this Part;~~

7) ~~A full technical review of any 20-day report, 45-day report, or free-product report submitted pursuant to Subpart B of this Part in conjunction with the review of another plan or report selected in accordance with this Section.~~

b) ~~The Agency may conduct a full review of any plan or report not selected in accordance with the provisions of this Section if the Agency has reason to believe that such review is necessary in conjunction with the review of another plan or report selected for that site.~~

c) ~~Notwithstanding any other limitations on reviews, the Agency may conduct a full technical review on any plan or report identified in this Section that concerns a site for which an investigation has been or may be initiated pursuant to Section 732.105 of this Part.~~

d) ~~Agency decisions on whether or not to select a plan or report for full review shall not be subject to appeal.~~

(Source: Repealed at Ill. Reg. , effective

)

Section 732.505 Standards for Review of Plans, Budget Plans, or Reports

- a) A ~~full~~ technical review shall consist of a detailed review of the ~~top~~ Task(s) and quantities of Products and Services proposed or completed to accomplish the goals of the plan and to achieve compliance with the Act and regulations. ~~Items to be reviewed, if applicable, shall include, but not be limited to, number and placement of wells and borings, number and types of samples and analysis, results of sample analysis, and protocols to be followed in making determinations.~~ The overall goal of the technical review for plans shall be to determine if the plan is sufficient to satisfy the requirements of the Act and regulations and has been prepared in accordance with generally accepted engineering practices or principles of professional geology.

The overall goal of the technical review for reports shall be to determine ~~if that~~ the Tasks have been completed and that the Products and Services that were rendered/provided in association with those Tasks were necessary to comply with the plan has been fully implemented or meet the minimum requirements of the Act and the regulations and have been conducted in accordance with generally accepted engineering practices or principles of professional geology and, if the conclusions are consistent with the information obtained while implementing the plan, and if the requirements of the Act and regulations have been satisfied.

- b) If the Licensed Professional Engineer or Licensed Professional Geologist certifies that there is no evidence that, through natural or manmade pathways, migration of petroleum or vapors threaten human health or human safety or may cause explosions in basements, crawl spaces, utility conduits, storm or sanitary sewers, vaults or other confined spaces, the Licensed Professional Engineer's or Licensed Professional Geologist's certification to that effect shall be presumed correct unless the Agency's review reveals objective evidence to the contrary.
- c) A ~~full~~ financial review shall consist of a ~~detailed~~ review of the ~~costs~~ Unit Rates associated with ~~each element necessary~~ the Products and Services proposed to accomplish the Tasks and goals of the associated plan as required pursuant to the Act and regulations and a calculation of the Extended Costs. Items to be reviewed shall include ~~e, but not be limited to, costs~~ Unit Rates, Billing Methods and Units of Measure associated with any ~~materials, activities~~ Products or services and Services that are included in the budget plan. The overall goal of the financial review shall be to assure that costs associated with ~~materials, activities and services~~ Products and Services ~~shall be~~ are reasonable, ~~shall be~~ consistent with the associated technical plan, ~~shall be~~ incurred in the performance of corrective action activities, ~~and shall and are not be~~ used for corrective action activities in excess of those necessary to meet the minimum requirements of the Act and regulations, ~~and must not exceed the maximum payment amounts set forth in Subpart H of this Part.~~

(Source: Amended at Ill. Reg. , effective)

SUBPART F: PAYMENT FROM THE FUND ~~OR REIMBURSEMENT~~

Section 732.601 Applications for Payment

- a) An owner or operator seeking payment from the Fund shall submit to the Agency an application for payment on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an electronic format. The owner or operator may submit an application for partial payment or final payment ~~for materials, activities or services contained in an approved budget plan.~~ Costs for which payment is sought must be approved in a budget plan, provided, however, that no budget plan shall be required for early action activities conducted pursuant to Subpart B of this Part other than free product removal activities conducted more than 45 days after confirmation of the presence of free product. ~~An application for payment also may be submitted for materials, activities or services for early action conducted pursuant to Subpart B of this Part and for which no budget plan is required.~~
- b) A complete application for payment shall consist of the following elements:
- 1) A certification from a Licensed Professional Engineer or a Licensed Professional Geologist acknowledged by the owner or operator that the work performed has been in accordance with a technical plan approved by the Agency or, for early action activities, in accordance with Subpart B of this Part;
 - 2) A statement of the amounts approved in the corresponding budget plan and the amounts actually sought for payment along with a certified statement by the owner or operator that the amounts so sought have been expended in conformance with the elements of a budget plan approved by the Agency;
 - 3) A copy of the OSFM or Agency eligibility and deductibility determination;
 - 4) Proof that approval of the payment requested will not exceed the limitations set forth in the Act and Section 732.604 of this Part;
 - 5) A federal taxpayer identification number and legal status disclosure certification;
 - 6) A private insurance coverage ~~Private Insurance Coverage~~ form;
 - 7) A minority/women's business ~~Minority/Women's Business Usage~~ form; ~~and~~
 - 8) Designation ~~designation~~ of the address to which payment and notice of final action on the application for payment are to be sent;

- 9) An accounting of all costs ~~including, including but not limited to,~~ invoices, receipts, and supporting documentation showing the dates and descriptions of the work performed; and
- 10) ~~Proof of payment of subcontractor costs for which handling charges are requested. Proof of payment may include cancelled checks, lien waivers, or affidavits from the subcontractor. Designation whether the application for payment is an Expedited Application for Payment or a Non-Expedited Application for Payment.~~
- c) The address designated on the application for payment may be changed only by subsequent notification to the Agency, on a form provided by the Agency, of a change in address.
- d) Applications for payment and change of address forms shall be mailed or delivered to the address designated by the Agency. The Agency's record of the date of receipt shall be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.
- e) Applications for partial or final payment may be submitted no more frequently than once every 90 days.
- f) Except for applications for payment for costs of early action conducted pursuant to Subpart B of this Part, other than costs associated with free product removal activities conducted more than 45 days after confirmation of the presence of free product, or applications for payment/budget plans submitted pursuant to Sections 732.305(e), 732.312(l), 732.405(e), and 732.405(f) of this Part, in no case shall the Agency review an application for payment unless there is an approved budget plan on file corresponding to the application for payment.
- g) In no case shall the Agency authorize payment to an owner or operator in amounts greater than the amounts approved by the Agency in a corresponding budget plan. Revised cost estimates or increased costs resulting from revised procedures must be submitted to the Agency for review in accordance with Subpart E of this Part using amended budget plans as required under in accordance with Section 732.305(e) or 732.405(e) of this Part.
- h) Applications for payment of costs associated with site classification may not be submitted prior to approval or modification of the site classification completion report.
- i) Applications for payment of costs associated with site classification, low priority groundwater monitoring, or high priority corrective action that was deferred pursuant to Section 732.306 or 732.406 of this Part may not be submitted prior to approval or modification of the corresponding site classification completion

report, low priority groundwater monitoring completion report, or high priority corrective action ~~completion report~~ plan.

- j) All applications for payment of corrective action costs must be submitted no later than one year after the date the Agency issues a No Further Remediation Letter pursuant to Subpart G of this Part. For releases for which the Agency issued a No Further Remediation Letter prior to the effective date of this subsection (j), all applications for payment must be submitted no later than one year after the effective date of this subsection (j).

BOARD NOTE: In the event an owner or operator prevails in litigation relative to payment of corrective action costs later than one year following the issuance of a No Further Remediation Letter pursuant to Subpart G of this part, an application for payment for corrective action costs shall be considered eligible for reimbursement from the Fund pursuant to Subpart F of this part.

(Source: Amended at Ill. Reg. , effective)

Section 732.602 Review of Applications for Payment

- a) At a minimum, the Agency must review each application for payment submitted pursuant to this Part to determine the following:
- 1) whether the application contains all of the elements and supporting documentation required by Section 732.601(b) of this Part;
 - 2) for costs incurred pursuant to Subpart B of this Part, other than free product removal activities conducted more than 45 days after confirmation of the presence of free product, whether the amounts sought are reasonable pursuant to Subpart H of this Part, and whether there is sufficient documentation to demonstrate that the work was completed in accordance with the requirements of this Part;
 - 3) for costs incurred pursuant to Subpart C of this Part and free product removal activities conducted more than 45 days after confirmation of the presence of free product, whether the amounts sought exceed the amounts approved in the corresponding budget plan, and whether there is sufficient documentation to demonstrate that the work was completed in accordance with the requirements of this Part and a plan approved by the Agency; and
 - 4) Whether the amounts sought are eligible for payment.

The Agency shall conduct a review of any application for payment submitted pursuant to this Part. Each application for payment shall be reviewed to determine whether the application contains all of the elements and supporting documentation

~~required by Section 732.601(b) of this Part and whether the amounts sought for payment have been certified in accordance with Section 732.601(b)(2) of this Part as equal to or less than the amounts approved in the corresponding budget plan. Any action by the Agency pursuant to this subsection shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act.~~

b) ~~— The Agency may conduct a full review of any application for payment:~~

1) ~~— If the amounts sought for payment exceed the amounts approved in the corresponding budget plan;~~

2) ~~— If the Agency has reason to believe that the application for payment is fraudulent; or~~

3) ~~— If the application for payment includes costs for early action activities conducted pursuant to Subpart B of this Part and either of the following circumstances exists:~~

A) ~~— The application for payment is solely for early action costs that have not been approved as part of a prior budget plan; or~~

B) ~~— The application for payment includes early action costs that have not been approved as part of a prior budget plan, except that only the portion of the application for the unapproved early action costs may be given a full review.~~

b)e) ~~—~~ When conducting a full review of any Non-Expedited application for payment, the Agency may require the owner or operator to submit a full accounting supporting all claims as provided in subsection (c) ~~subsection (d)~~ of this Section.

c)d) ~~— A full review of an application for payment shall be sufficient to determine which line items contained in the application for payment have caused the application for payment to exceed the corresponding approved budget plan pursuant to subsection (b)(1) of this Section, which line items, if any, are ineligible for payment pursuant to subsection (b)(2) or (b)(3) of this Section, and whether there is sufficient documentation to demonstrate that line items have been completed in accordance with a plan approved by the Agency. The Agency's A full review of a Non-Expedited Application for payment may include review of any or all elements and supporting documentation relied upon by the owner or operator in developing the application for payment, including but not limited to a review of invoices or receipts supporting all claims. The full review also may include the review of any plans, budget plans, or reports previously submitted for the site to ensure that the application for payment is consistent with work proposed and actually performed in conjunction with the site. The Agency's review of an Expedited Application for Payment may include a comparison of the unit prices claimed and the Expedited Unit Prices listed in Appendix E, an evaluation of the~~

appropriateness of the quantity of each unit and the extended costs

d)e)—Following a review, the Agency shall have the authority to approve, deny or require modification of applications for payment or portions thereof. The Agency shall notify the owner or operator in writing of its final action on any such application for payment. Except as provided in subsection (e) ~~subsection (f)~~ of this Section, if the Agency fails to notify the owner or operator of its final action on ~~an application for payment~~ a Non-Expedited Application for Payment within 120 days after the receipt of a complete application for payment, and in the case of an Expedited Application for payment, 60 days after the receipt of a complete application for payment, the owner or operator may deem the application for payment approved by operation of law. If the Agency denies payment for an application for payment or for a portion thereof or requires modification, the written notification shall contain the following information, as applicable:

- 1) ~~An A~~ A detailed explanation of the specific type of information, if any, ~~that~~ which the Agency needs to complete the ~~full~~ review;
- 2) An explanation of the Sections of the Act or regulations that may be violated if the application for payment is approved; and
- 3) A statement of specific reasons why the cited Sections of the Act or regulations may be violated if the application for payment is approved.

e)f)—An owner or operator may waive the right to a final decision within 120 days after the submittal of a complete application for payment by submitting written notice to the Agency prior to the applicable deadline. Any waiver shall be for a minimum of 30 days.

f)g)—The Agency shall mail notices of final action on applications for payment by registered or certified mail, post marked with a date stamp and with return receipt requested. Final action shall be deemed to have taken place on the post marked date that such notice is mailed. The Agency shall mail notices of final action on applications for payment, and direct the Comptroller to mail payments to the owner or operator, at the address designated for receipt of payment in the application for payment or on a change of address form, provided by the Agency, submitted subsequent to submittal of the application for payment.

g)h)—Any action by the Agency to deny payment for an application for payment or portion thereof or to require modification shall be subject to appeal to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act. ~~If the owner or operator elects to incorporate modifications required by the Agency rather than appeal, a revised application for payment shall be submitted to the Agency within 35 days after the receipt of the Agency's written notification. If no revised application for payment is submitted to the Agency or no appeal to the Board is filed within the~~

specified time frames, the application for payment shall be deemed approved as modified by the Agency and payment shall be authorized in the amount approved.

- h) For Expedited Applications for Payment the Agency shall complete its review and issue its written decision within 60 days of receipt. For Non-Expedited Applications for payment, the Agency shall complete its review and issue its written decision within 120 days of receipt.

(Source: Amended at Ill. Reg. , effective)

Section 732.603 Authorization for Payment; Priority List

- a) Within 60 days after notification to an owner or operator that the application for payment or a portion thereof has been approved by the Agency or by operation of law, the Agency shall forward to the Office of the State Comptroller in accordance with subsection (d) or (e) of this Section a voucher in the amount approved. If the owner or operator has filed an appeal with the Board of the Agency's final decision on an application for payment, the Agency shall have 60 days after the final resolution of the appeal to forward to the Office of the State Comptroller a voucher in the amount ordered as a result of the appeal. Notwithstanding the time limits imposed by this Section, the Agency shall not forward vouchers to the Office of the State Comptroller until sufficient funds are available to issue payment.
- b) The following rules shall apply regarding deductibles:
- 1) Any deductible, as determined by the OSFM or the Agency, shall be subtracted from any amount approved for payment by the Agency or by operation of law or ordered by the Board or courts;
 - 2) Only one deductible shall apply per occurrence;
 - 3) If multiple incident numbers are issued for a single site in the same calendar year, only one deductible shall apply for those incidents, even if the incidents relate to more than one occurrence; and
 - 4) Where more than one deductible determination is made, the higher deductible shall apply.
- c) The Agency shall instruct the Office of the State Comptroller to issue payment to the owner or operator at the address designated in accordance with Sections Section 732.601(b)(8) or (c) of this Part. In no case shall the Agency authorize the Office of the State Comptroller to issue payment to an agent, designee, or entity that ~~who~~ has conducted corrective action activities for the owner or operator.

- d) For owners or operators who have deferred site classification or corrective action in accordance with Section 732.306 or 732.406 of this Part, ~~payment the Agency shall be authorized to instruct the Office of the State Comptroller to issue payment to the owner or operator~~ from funds encumbered pursuant to Section 732.306(a)(6) or 732.406(a)(6) ~~732.306(a)(4) or 732.406(a)(4)~~ of this Part upon approval of the application for payment by the Agency or by operation of law.
- e) For owners or operators not electing to defer site classification or corrective action in accordance with Section 732.306 or 732.406 of this Part, the Agency shall form a priority list for payment for the issuance of vouchers pursuant to subsection (a) of this Section.
 - 1) All such applications for payment shall be assigned a date that is the date upon which the complete application for partial or final payment was received by the Agency. This date shall determine the ~~owner's~~ ~~owner~~ or operator's priority for payment in accordance with subsection (e)(2) of this Section, with the earliest dates receiving the highest priority.
 - 2) Once payment is approved by the Agency or by operation of law or ordered by the Board or courts, the application for payment shall be assigned priority in accordance with subsection (e)(1) of this Section. The assigned date shall be the only factor determining the priority for payment for those applications approved for payment.

(Source: Amended at Ill. Reg. , effective)

Section 732.604 Limitations on Total Payments

- a) Limitations per occurrence:
 - 1) The Agency must not approve any payment from the Fund to pay an owner or operator for costs of corrective action incurred by such owner or operator in an amount in excess of \$1,000,000 per occurrence. ~~THE AGENCY SHALL NOT APPROVE ANY PAYMENT FROM THE FUND TO PAY AN OWNER OR OPERATOR FOR COSTS OF CORRECTIVE ACTION INCURRED BY SUCH OWNER OR OPERATOR IN AN AMOUNT IN EXCESS OF \$1,000,000 PER OCCURRENCE. (Section 57.8(g) of the Act)~~
 - 2) The Agency must not approve any payment from the Fund to pay an owner or operator for costs of indemnification of such owner or operator in an amount in excess of \$1,000,000 per occurrence. ~~THE AGENCY SHALL NOT APPROVE ANY PAYMENT FROM THE FUND TO PAY AN OWNER OR OPERATOR FOR COSTS OF INDEMNIFICATION OF SUCH OWNER OR OPERATOR IN AN AMOUNT IN EXCESS OF~~

~~\$1,000,000 PER OCCURRENCE. (Section 57.8(g) of the Act)~~

b) Aggregate limitations:

- 1) Notwithstanding any other provision of this Part 732, the Agency must not approve payment to an owner or operator from the Fund for costs of corrective action or indemnification incurred during a calendar year in excess of the following amounts based on the number of petroleum underground storage tanks owned or operated by such owner or operator in Illinois:

<u>Amount</u>	<u>Number of Tanks</u>
\$1,000,000	fewer than 101
\$2,000,000	101 or more

~~NOTWITHSTANDING ANY OTHER PROVISION OF THIS Part 732, THE AGENCY SHALL NOT APPROVE PAYMENT TO AN OWNER OR OPERATOR FROM THE FUND FOR COSTS OF CORRECTIVE ACTION OR INDEMNIFICATION INCURRED DURING A CALENDAR YEAR IN EXCESS OF THE FOLLOWING AMOUNTS BASED ON THE NUMBER OF PETROLEUM UNDERGROUND STORAGE TANKS OWNED OR OPERATED BY SUCH OWNER OR OPERATOR IN ILLINOIS:~~

~~AMOUNT NUMBER OF TANKS
\$1,000,000 FEWER THAN 101
\$2,000,000 101 OR MORE~~

- 2) Costs incurred in excess of the aggregate amounts set forth in subsection (b)(1) of this Section must not be eligible for payment in subsequent years.
~~COSTS INCURRED IN EXCESS OF THE AGGREGATE AMOUNTS SET FORTH IN subsection (b)(1) of this Section SHALL NOT BE ELIGIBLE FOR PAYMENT IN SUBSEQUENT YEARS. (Section 57.8(d) of the Act)~~

- c) For purposes of subsection (b) of this Section, requests submitted by any of the agencies, departments, boards, committees or commissions of the State of Illinois shall be acted upon as claims from a single owner or operator [415 ILCS 5/57.8(d)(2)].
~~FOR PURPOSES OF subsection (b) of this Section, REQUESTS SUBMITTED BY ANY OF THE AGENCIES, DEPARTMENTS, BOARDS, COMMITTEES OR COMMISSIONS OF THE STATE OF ILLINOIS SHALL BE ACTED UPON AS CLAIMS FROM A SINGLE OWNER OR OPERATOR. (Section 57.8(d) of the Act)~~

- d) For purposes of subsection (b) of this Section, owner or operator includes;

- 1) any subsidiary, parent, or joint stock company of the owner or operator;
and
- 2) any company owned by any parent, subsidiary, or joint stock company of
the owner or operator [415 ILCS 5/57.8(d)(3)].

~~FOR PURPOSES OF subsection (b) of this Section, OWNER OR OPERATOR
INCLUDES;~~

- ~~1) ANY SUBSIDIARY, PARENT, OR JOINT STOCK COMPANY OF
THE OWNER OR OPERATOR; AND~~
- ~~2) ANY COMPANY OWNED BY ANY PARENT, SUBSIDIARY, OR
JOINT STOCK COMPANY OF THE OWNER OR OPERATOR.
(Section 57.8(d) of the Act)~~

(Source: Amended at Ill. Reg. , effective)

Section 732.605 Eligible Corrective Action Costs

- a) Types of costs that ~~may be~~ are eligible for payment from the Fund include those for corrective action activities and for ~~materials or services~~ Products and Services provided or performed in conjunction with corrective action activities. Such activities and ~~services~~ Products and Services may include ~~but are not limited to~~ reasonable costs for:
 - 1) Early action activities conducted pursuant to Subpart B of this Part;
 - 2) Engineer or geologist ~~Engineering~~ oversight services;
 - 3) Remedial investigation and design;
 - 4) ~~Feasibility studies;~~
 - ~~4)5)~~ 5) Laboratory ~~services~~ necessary to determine site classification and whether the established remediation ~~corrective action~~ objectives have been met;
 - ~~5)6)~~ 6) The installation ~~Installation~~ and operation of groundwater investigation and groundwater monitoring wells;
 - ~~6)7)~~ 7) The removal, treatment, transportation and disposal of soil contaminated by petroleum at levels in excess of the established remediation ~~corrective action~~ objectives;
 - ~~7)8)~~ 8) The removal, treatment, transportation and disposal of water contaminated by petroleum at levels in excess of the established remediation ~~corrective~~

action objectives;

- 8)9) — The placement of clean backfill to grade to replace excavated soil contaminated by petroleum at levels in excess of the established remediation corrective action objectives;
- 9)10) — Groundwater corrective action systems;
- 10)11) Alternative technology, including but not limited to feasibility studies approved by the Agency;
- 11)12) Recovery of free product exceeding one-eighth of an inch in depth as measured in a groundwater monitoring well, or present as a sheen on groundwater in the tank removal excavation or on surface water phase petroleum from groundwater;
- 12)13) The removal and disposal of any UST if a release of petroleum from the UST was identified and IEMA was notified prior to its removal, with the exception of any UST deemed ineligible by the OSFM Office of State Fire Marshal;
- 13)14) Costs incurred as a result of a release of petroleum because of vandalism, theft or fraudulent activity by a party other than an owner, operator or agent of an owner or operator;
- 14)15) Engineer or geologist Engineering costs associated with seeking payment or reimbursement from the Fund including but not limited to completion of an application for partial or final payment;
- 15)16) Costs associated with obtaining an Eligibility and Deductibility Determination from the OSFM or the Agency;
- 16)17) Costs for destruction and replacement of concrete, asphalt, or and paving to the extent necessary to conduct corrective action and if the concrete, asphalt, or paving was installed prior to the initiation of corrective action activities, the destruction and replacement has been certified as necessary to the performance of corrective action by a Licensed Professional Engineer, and the destruction and replacement and its costs are approved by the Agency in writing prior to the destruction and replacement. The costs for destruction and replacement of concrete, asphalt, and paving must not be paid more than once. Costs associated with the replacement of concrete, asphalt, or paving must not be paid in excess of the cost to install, in the same area and to the same depth, the same material that was destroyed (e.g., replacing four inches of concrete with four inches of concrete);

- 17)18) The destruction or dismantling and reassembly of above grade structures in response to a release of petroleum if such activity has been certified as necessary to the performance of corrective action by a Licensed Professional Engineer and such activity and its costs are approved by the Agency in writing prior to the destruction or dismantling and re-assembly. Such costs must not be paid in excess of a total \$10,000 per occurrence. For purposes of this subsection (a)(17) ~~(a)(18)~~, destruction, dismantling or reassembly of above grade structures does not include costs associated with replacement of pumps, pump islands, buildings, wiring, lighting, bumpers, or posts or canopies; and
- 18)19) Preparation of reports submitted pursuant to Section 732.202(h)(3) of this Part, free product removal plans and associated budget plans, free product removal reports, site classification plans (including physical soil classification and groundwater investigation plans) and associated budget plans, site classification reports, groundwater monitoring plans and associated budget plans, groundwater monitoring completion reports, High Priority corrective action plans and associated budget plans, and High Priority corrective action completion reports;.
- 19) Costs associated with the removal or abandonment of a potable water supply well, and replacement of the well or connection to a public water supply, whichever is less, if a Licensed Professional Engineer or Licensed Professional Geologist certifies that such activity is necessary to the performance of corrective action and that the property served by the well cannot receive an adequate supply of potable water from an existing source other than the removed or abandoned well, and the Agency approves such activity in writing. If the well being removed or abandoned is a public water supply well, the Licensed Professional Engineer or Licensed Professional Geologist is required to certify only that the removal or abandonment of the well is necessary to the performance of corrective action; and
- 20) Costs associated with the repair or replacement of potable water supply lines damaged to the point of requiring repair or replacement as a direct result of the release, if such activity is certified by a Licensed Professional Engineer or Licensed Professional Geologist as necessary for the protection of the potable water supply and approved by the Agency in writing.
- 21) Costs associated with the temporary and/or permanent relocation, repair, and/or replacement of underground structures or utilities (e.g. septic tanks, utility vaults, sewer lines, electrical lines, telephone lines, cable lines, or water supply lines) damaged as a result of corrective action activities, if such activity is certified by a Licensed Professional Engineer or Licensed

Professional Geologist as necessary and approved by the Agency in writing; and

22) Costs associated with the compaction and density testing of backfill material;

23) Costs associated with the design, management and administration of the corrective action performed by a Consultant, including the time reasonably necessary for the Consultant to confer with the owner or operator with regard to the project and the time necessary for the Consultant to correspond with the Agency with regard to the corrective action of requirements for the site pursuant to this Part.

- b) An owner or operator may submit a budget plan or application for partial or final payment that includes an itemized accounting of costs associated with activities, materials or services not identified in subsection (a) of this Section if the owner or operator submits detailed information demonstrating that the activities, materials or services not identified in subsection (a) of this Section are essential to the completion of the minimum corrective action requirements of the Act and this Part.

(Source: Amended at Ill. Reg. , effective)

Section 732.606 Ineligible Corrective Action Costs

Costs ineligible for payment from the Fund include ~~but are not limited to:~~

- a) Costs for the removal, treatment, transportation, and disposal of more than four feet of fill material from the outside dimensions of the UST, as set forth in Section 732. Appendix C of this Part, during early action activities conducted pursuant to Section 732.202(f), and costs for the replacement of contaminated fill materials with clean fill materials in excess of the amounts set forth in Section 732. Appendix C of this Part during early action activities conducted pursuant to Section 732.202(f) of this Part;
- b) Costs or losses resulting from business interruption; orders the owner or operator to achieve Tier 1 remediation objectives in response to the release;
- c) Costs incurred as a result of vandalism, theft or fraudulent activity by the owner or operator or agent of an owner or operator including the creation of spills, leaks or releases;
- d) Costs associated with the replacement of above grade structures such as pumps, pump islands, buildings, wiring, lighting, bumpers, ~~or posts or canopies,~~ including ~~but not limited to~~ those structures destroyed or damaged during corrective action activities;

- e) Costs of corrective action or indemnification incurred by an owner or operator prior to July 28, 1989 [415 ILCS 5/57.8(j)];
- f) Costs associated with the procurement of a generator identification number;
- g) Legal fees or costs, including but not limited to legal fees or costs for seeking payment under this Part unless the owner or operator prevails before the Board and the Board authorizes payment of such costs ~~Legal defense costs including legal costs for seeking payment under these regulations unless the owner or operator prevails before the Board and the Board authorizes payment of legal fees [415 ILCS 5/57.8(l)];~~
- h) Purchase costs of non-expendable materials, supplies, equipment or tools, except that a reasonable rate may be charged for the usage of such materials, supplies, equipment or tools;
- i) Costs associated with activities that violate any provision of the Act or Board, OSFM or Agency regulations;
- j) Costs associated with investigative action, preventive action, corrective action, or enforcement action taken by the State of Illinois if the owner or operator failed, without sufficient cause, to respond to a release or substantial threat of a release upon, or in accordance with, a notice issued by the Agency pursuant to Section 732.105 of this Part and Section 57.12 of the Act;
- k) Costs for removal, disposal or abandonment of UST if the tank was removed or abandoned, or permitted for removal or abandonment, by the OSFM before the owner or operator provided notice to IEMA of a release of petroleum;
- l) Costs associated with the installation of new USTs, the repair of existing USTs and removal and disposal of USTs determined to be ineligible by the Office of State Fire Marshal;
- m) Costs exceeding those contained in a budget plan or amended budget plan approved by the Agency;
- n) Costs of corrective action or indemnification incurred before providing notification of the release of petroleum to IEMA in accordance with Section 732.202 of this Part;
- o) Costs for corrective action activities and associated materials or services exceeding the minimum requirements necessary to comply with the Act;
- p) Costs associated with improperly installed sampling or monitoring wells;

- q) Costs associated with improperly collected, transported or analyzed laboratory samples;
- r) Costs associated with the analysis of laboratory samples not approved by the Agency for constituents other than applicable indicator contaminants or groundwater objectives;
- s) Costs for any corrective activities, services or materials unless accompanied by a letter from OSFM or the Agency confirming eligibility and deductibility in accordance with Section 57.9 of the Act;
- t) Interest or finance costs charged as direct costs;
- u) Insurance costs charged as direct costs;
- v) Indirect corrective action costs for personnel, materials, service or equipment charged as direct costs;
- ~~w) Costs associated with the compaction and density testing of backfill material;~~
- ~~*w)~~ Costs associated with sites that have not reported a release to IEMA or are not required to report a release to IEMA;
- ~~ya)~~ Costs related to activities, materials or services not necessary to stop, minimize, eliminate, or clean up a release of petroleum or its effects in accordance with the minimum requirements of the Act [415 ILCS 5] and regulations;
- ~~zy)~~ Costs incurred after completion of early action activities in accordance with Subpart B by owners or operators choosing, pursuant to Section 732.300(b) of this Part, to conduct remediation sufficient to satisfy the remediation objectives;
- ~~aa)~~ Costs incurred after completion of site classification activities in accordance with Subpart C by owners or operators choosing, pursuant to Section 732.400(b) or (c) of this Part, to conduct remediation sufficient to satisfy the remediation objectives;
- ~~baa)~~ Costs of alternative technology that exceed the costs of conventional technology where the conventional technology is feasible;
- ~~eebb)~~ Costs for ~~investigative~~ activities and related services or materials ~~for developing a High Priority corrective action plan~~ that are unnecessary, or inconsistent with generally accepted engineering practices or principles of professional geology, or unreasonable costs for justifiable activities, materials, or services;
- ~~edcc)~~ Costs to prepare site classification plans and associated budget plans under Section 732.305 of this Part, to perform site classification under Section 732.307

of this Part, or to prepare site classification completion reports under Section 732.309 of this Part, for sites where owners or operators have elected to classify under Section 732.312 of this Part;

~~eedd~~) Costs to prepare site classification plans and associated budget plans under Section 732.312 of this Part, to perform site classification under Section 732.312 of this Part, or to prepare site classification completion reports under Section 732.312 of this Part, for sites where owners or operators have performed classification activities under Sections 732.305, 732.307, or 732.309 of this Part;

~~ffcc~~) Costs requested that are based on mathematical errors;

~~ggff~~) Costs that lack supporting documentation pursuant to Subpart H;

~~hhgg~~) Costs proposed as part of a budget plan that are unreasonable pursuant to Subpart H;

~~hhhh~~) Costs incurred during early action that are unreasonable pursuant to Subpart H;

~~jjii~~) Costs incurred on or after the date the owner or operator enters at a site that has entered the Site Remediation Program under Title XVII and 35 Ill. Adm. Code 740 to address the UST release;

~~kkjj~~) Costs incurred ~~for additional remediation~~ after receipt of a No Further Remediation Letter for the occurrence for which the No Further Remediation Letter was received. This subsection (kk) does not apply to the following:

1) Costs, ~~except costs~~ incurred for MTBE remediation pursuant to Section 732.310(i)(2) of this Part;

2) Monitoring well abandonment costs;

3) County recorder or registrar of titles fees for recording the No Further Remediation Letter;

4) Costs associated with seeking payment from the Fund; and

5) Costs associated with remediation to Tier 1 remediation objectives on-site if a court of law voids or invalidates a No Further Remediation Letter and

~~Hkk~~) Handling charges for subcontractor ~~subcontractors~~ costs that have been billed directly to the owner or operator;

~~mmll~~) Handling charges for subcontractor ~~subcontractor's~~ costs when the contractor has not ~~submitted proof of payment or paid the subcontractor costs paid the subcontractor~~;

- ~~nnnn~~) — Costs associated with standby and demurrage; ~~and~~
- ~~oen~~) Costs associated with a corrective action plan incurred after the Agency notifies the owner or operator, pursuant to Section 732.405(f) of this Part, that a revised corrective action plan is required; provided, however, that costs associated with any subsequently approved corrective action plan will be eligible for payment reimbursement if they meet the requirements of this Part;
- ~~ppoo~~) Costs incurred after the effective date of an owner's or operator's election to proceed in accordance with 35 Ill. Adm. Code 734;
- ~~qqpp~~) Costs associated with the preparation of free product removal reports not submitted in accordance with the schedule established in Section 732.203(a)(5) of this Part;
- ~~rrqq~~) Costs submitted more than one year after the date the Agency issues a No Further Remediation Letter pursuant to Subpart G of this Part;
- ~~ss~~) ~~Handling charges for subcontractor costs where any person with a direct or indirect financial interest in the contractor has a direct or indirect financial interest in the subcontractor;~~
- ~~trr~~) Costs for the destruction and replacement of concrete, asphalt, or paving, except as otherwise provided in Section 732.605(a)(16) of this Part;
- ~~uuss~~) Costs incurred as a result of the destruction of, or damage to, any equipment, fixtures, structures, utilities, or other items during corrective action activities, except as otherwise provided in Sections 732.605(a)(16) or (17) of this Part;
- ~~vvt~~) Costs associated with oversight by an owner or operator;
- ~~wwuu~~) Handling charges charged by persons other than the owner's or operator's primary contractorContractor or Primary Consultant;
- ~~xx~~) ~~Costs associated with the installation of concrete, asphalt, or paving as an engineered barrier to the extent they exceed the cost of installing an engineered barrier constructed of asphalt four inches in depth. This subsection does not apply if the concrete, asphalt, or paving being used as an engineered barrier was replaced pursuant to Section 732.605(a)(16) of this Part;~~
- ~~yyvv~~) The treatment or disposal of soil that does not exceed the applicable remediation objectives for the release, unless approved by the Agency in writing prior to the treatment or disposal;
- ~~zzxx~~) Costs associated with the removal or abandonment of a potable water supply well,

or the replacement of such a well or connection to a public water supply, except as otherwise provided in Section 732.605(a)(19) of this Part;

aaayy) Costs associated with the repair or replacement of potable water supply lines, except as otherwise provided in Section 732.605(a)(20) of this Part;

~~bbb) Costs associated with the replacement of underground structures or utilities, including but not limited to septic tanks, utility vaults, sewer lines, electrical lines, telephone lines, cable lines, or water supply lines, except as otherwise provided in Sections 732.605(a)(19) or (20) of this Part;~~

eeezz) Costs associated with the maintenance, repair, or replacement of leased or subcontracted equipment, other than costs associated with routine maintenance that are approved in a budget plan;

~~dddam) Costs that exceed the maximum payment amounts Expedited Unit Rate set forth in Subpart H of this Part unless such costs are determined to be reasonable pursuant to 732.855, 732.860 or 732.862;~~

~~eee) Costs associated with on-site corrective action to achieve remediation objectives that are more stringent than the Tier 2 remediation objectives developed in accordance with 35 Ill. Adm. Code 742. This subsection (fff) does not apply if Karst geology prevents the development of Tier 2 remediation objectives for on-site remediation, or if a court of law voids or invalidates a No Further Remediation Letter and orders the owner or operator to achieve Tier 1 remediation objectives on-site in response to the release.~~

~~fff) Costs associated with groundwater remediation if a groundwater ordinance already approved by the Agency for use as an institutional control in accordance with 35 Ill. Adm. Code 742 can be used as an institutional control for the release being remediated.~~

(Source: Amended at 29 Ill. Reg. , effective)

Section 732.607 Payment for Handling Charges

Handling charges are eligible for payment only if they are equal to or less than the amount determined by the following table: Subcontract or Field Eligible Handling Charges
Purchase Cost: as a Percentage of Cost:

<u>\$0 - \$5,000.....</u>	<u>12%</u>
<u>\$5,001 - \$15,000.....</u>	<u>\$600 + 10% of amt. over \$5,000</u>
<u>\$15,001 - \$50,000.....</u>	<u>\$1,600 + 8% of amt. over \$15,000</u>
<u>\$50,001 - \$100,000.....</u>	<u>\$4,400 + 5% of amt. over \$50,000</u>
<u>\$100,001 - \$1,000,000.....</u>	<u>\$6,900 + 2% of amt. over \$100,000</u>

Handling charges are eligible for payment only if they are equal to or less than the amount determined by the following table (Section 57.8(g) of the Act):

SUBCONTRACT OR FIELD PURCHASE COST	ELIGIBLE HANDLING CHARGES AS A PERCENTAGE OF COST:
\$0 - \$5,000	12%
\$5,001 - \$15,000	\$600 PLUS 10% OF AMOUNT OVER \$5,000
\$15,001 - \$50,000	\$1,600 PLUS 8% OF AMOUNT OVER \$15,000
\$50,001 - \$100,000	\$4,400 PLUS 5% OF AMOUNT OVER \$50,000
\$100,001 - \$1,000,000	\$6,900 PLUS 2% OF AMOUNT OVER \$100,000

{415 ILCS 5/57.8 (f)}

(Source: Amended at Ill. Reg. , effective)

Section 732.608 Apportionment of Costs

- a) The Agency may apportion payment of costs if:
- 1) The owner or operator was deemed eligible to access the Fund for payment of corrective action costs for some, but not all, of the underground storage tanks at the site; and ~~THE OWNER OR OPERATOR WAS DEEMED ELIGIBLE TO ACCESS THE FUND FOR PAYMENT OF CORRECTIVE ACTION COSTS FOR SOME, BUT NOT ALL, OF THE UNDERGROUND STORAGE TANKS AT THE SITE; AND~~
 - 2) The owner or operator failed to justify all costs attributable to each underground storage tank at the site [415 ILCS 5/57.8(m)]. ~~THE OWNER OR OPERATOR FAILED TO JUSTIFY ALL COSTS ATTRIBUTABLE TO EACH UNDERGROUND STORAGE TANK AT THE SITE.~~
(Derived from Section 57.8(m) of the Act)
- b) The Agency will determine, based on volume or number of tanks, which method of apportionment will be most favorable to the owner or operator. The Agency will notify the owner or operator of such determination in writing.

(Source: Amended at Ill. Reg. , effective)

Section 732.610 Indemnification

- a) An owner or operator seeking indemnification from the Fund for payment of costs incurred as a result of a release of petroleum from an underground storage tank must submit to the Agency an application for payment on forms prescribed and provided by the Agency and, if specified by the Agency by written notice, in an

electronic format.

1) A complete application for payment must contain the following:

A) A certified statement by the owner or operator of the amount sought for payment;

B) Proof of the legally enforceable judgment, final order, or determination against the owner or operator, or the legally enforceable settlement entered into by the owner or operator, for which indemnification is sought. The proof must include, but not be limited to, the following:

i) A copy of the judgment certified by the court clerk as a true and correct copy, a copy of the final order or determination certified by the issuing agency of State government or subdivision thereof as a true and correct copy, or a copy of the settlement certified by the owner or operator as a true and correct copy; and

ii) Documentation demonstrating that the judgment, final order, determination, or settlement arises out of bodily injury or property damage suffered as a result of a release of petroleum from the UST for which the release was reported, and that the UST is owned or operated by the owner or operator;

C) A copy of the OSFM or Agency eligibility and deductibility determination;

D) Proof that approval of the indemnification requested will not exceed the limitations set forth in the Act and Section 732.604 of this Part;

E) A federal taxpayer identification number and legal status disclosure certification;

F) A private insurance coverage form; and

G) Designation of the address to which payment and notice of final action on the request for indemnification are to be sent to the owner or operator.

2) The owner's or operator's address designated on the application for payment may be changed only by subsequent notification to the Agency, on a form provided by the Agency, of a change of address.

- 3) Applications for payment must be mailed or delivered to the address designated by the Agency. The Agency's record of the date of receipt must be deemed conclusive unless a contrary date is proven by a dated, signed receipt from certified or registered mail.
- b)a) The ~~Upon~~ submittal of a request for indemnification for payment of costs incurred as a result of a release of petroleum from an underground storage tank, the Agency shall review applications ~~the application~~ for payment in accordance with this Subpart F. In addition, the Agency must review each application for payment to determine the following:
- 1) Whether the application contains all of the information and supporting documentation required by subsection (a) of this Section;
 - 2) Whether there is sufficient documentation of a legally enforceable judgment entered against the owner or operator in a court of law, final order or determination made against the owner or operator by an agency of State government or any subdivision thereof, or settlement entered into by the owner or operator;
 - 3) Whether there is sufficient documentation that the judgment, final order, determination, or settlement arises out of bodily injury or property damage suffered as a result of a release of petroleum from an underground storage tank owned or operated by the owner or operator; and
 - 4) Whether the amounts sought for indemnification are eligible for payment.
- c)b) If the application for payment of the costs of indemnification is deemed complete and otherwise satisfies all applicable requirements of this Subpart F, the Agency shall forward the request for indemnification to the Office of the Attorney General for review and approval in accordance with Section 57.8(c) of the Act. The owner or operator's request for indemnification shall not be placed on the priority list for payment until the Agency has received the written approval of the Attorney General. The approved application for payment shall then enter the priority list established at Section 732.603(e)(1) ~~Section 732.603(d)(1)~~ of this Part based on the date the complete application was received by the Agency in accordance with Section 57.8(c) of the Act.
- d) Costs ineligible for indemnification from the Fund include ~~but are not limited to:~~
- 1) Amounts an owner or operator is not legally obligated to pay pursuant to a judgment entered against the owner or operator in court of law, a final order or determination made against the owner or operator by an agency of State government or any subdivision thereof, or any settlement entered into by the owner or operator;

- 2) Amounts of a judgment, final order, determination, or settlement that do not arise out of bodily injury or property damage suffered as a result of a release of petroleum from an underground storage tank owned or operated by the owner or operator;
- 3) Amounts incurred prior to July 28, 1989;
- 4) Amounts incurred prior to notification of the release of petroleum to IEMA in accordance with Section 732.202 of this Part;
- 5) Amounts arising out of bodily injury or property damage suffered as a result of a release of petroleum from an underground storage tank for which the owner or operator is not eligible to access the Fund;
- 6) Legal fees or costs, including but not limited to legal fees or costs for seeking payment under this Part unless the owner or operator prevails before the Board and the Board authorizes payment of such costs;
- 7) Amounts associated with activities that violate any provision of the Act or Board, OSFM, or Agency regulations;
- 8) Amounts associated with investigative action, preventive action, corrective action, or enforcement action taken by the State of Illinois if the owner or operator failed, without sufficient cause, to respond to a release or substantial threat of a release upon, or in accordance with, a notice issued by the Agency pursuant to Section 732.105 of this Part and Section 57.12 of the Act;
- 9) Amounts associated with a release that has not been reported to IEMA or is not required to be reported to IEMA;
- 10) Amounts incurred on or after the date the owner or operator enters the Site Remediation Program under Title XVII and 35 Ill. Adm. Code 740 to address the UST release; and
- 11) Amounts incurred after the effective date of the owner's or operator's election to proceed in accordance with 35 Ill. Adm. Code 734.

(Source: Amended at Ill. Reg. , effective)

Section 732.612 Determination and Collection of Excess Payments

- a) If, for any reason, the Agency determines that an excess payment has been paid from the Fund, within 4 years of the issuance of a No Further Remediation Letter the Agency may take steps to collect the excess amount pursuant to subsection (c)

of this Section.

- 1) Upon identifying an excess payment, the Agency shall notify the owner or operator receiving the excess payment by certified or registered mail, return receipt requested.
 - 2) The notification letter shall state the amount of the excess payment and the basis for the Agency's determination that the payment is in error.
 - 3) The Agency's determination of an excess payment shall be subject to appeal to the Board in the manner provided for the review of permit decisions in Section 40 of the Act.
- b) An excess payment from the Fund includes, but is not limited to:
- 1) Payment for a non-corrective action cost;
 - 2) Payment in excess of the limitations on payments set forth in Sections 732.604 and 732.607 and Subpart H of this Part;
 - 3) Payment received through fraudulent means;
 - 4) Payment calculated on the basis of an arithmetic error;
 - 5) ~~Payment calculated by the Agency in reliance on incorrect information; or,~~
 - 6) Payment of costs that are not eligible for payment.
- c) Excess payments may be collected using any of the following procedures:
- 1) Upon notification of the determination of an excess payment in accordance with subsection (a) of this Section or pursuant to a Board order affirming such determination upon appeal, the Agency may attempt to negotiate a payment schedule with the owner or operator. Nothing in this subsection (c)(1) of this Section shall prohibit the Agency from exercising at any time its options at subsection (c)(2) or (c)(3) of this Section or any other collection methods available to the Agency by law.
 - 2) If an owner or operator submits a subsequent claim for payment after previously receiving an excess payment from the Fund, the Agency may deduct the excess payment amount from any subsequently approved payment amount. If the amount subsequently approved is insufficient to recover the entire amount of the excess payment, the Agency may use the procedures in this Section or any other collection methods available to the Agency by law to collect the remainder.

- 3) The Agency may deem an excess payment amount to be a claim or debt owed the Agency, and the Agency may use the Comptroller's Setoff System for collection of the claim or debt in accordance with Section 10.5 of the "State Comptroller Act." 15 ILCS 405/10.05 (1993).

(Source: Amended at Ill. Reg. , effective)

Section 732.614 Audits and Access to Records; Records Retention

- a) Owners or operators that submit a report, plan, budget, application for payment, or any other data or document under this Part, and Licensed Professional Engineers and Licensed Professional Geologists that certify such report, plan, budget, application for payment, data, or document, must maintain all books, records, documents, and other evidence directly pertinent to the reports, plans, budgets, applications for payment, data, or documents, including but not limited to submitted to all financial information and data used in the preparation or support of applications for payment Agency pursuant to this Part. All books, such records and documents, and other evidence must be maintained in accordance with accepted business practices and appropriate accounting procedures and practices.
- b) The Agency or any of its duly authorized representatives must have access to the books, records and documents, and other evidence set forth in subsection (a) of this Section during normal business hours for the purpose of inspection, audit, and copying. Owners, or operators, Licensed Professional Engineers, and Licensed Professional Geologists must provide proper facilities for such access and inspection.
- c) The Agency must notify the owner or operator in writing prior to scheduling a mutually agreeable time for an audit.
- d) Owners, or operators, Licensed Professional Engineers, and Licensed Professional Geologists must maintain the books, records, and documents, and other evidence set forth in subsection (a) of this Section and make them available to the Agency or its authorized representative until the latest of the following:
 - 1) The expiration of 4 years after the date the Agency issues a No Further Remediation Letter issued pursuant to Subpart G of this Part;
 - 2) For books, records, documents, or other evidence relating to an appeal, litigation, or other dispute or claim, the expiration of 3 years after the date of the final disposition of the appeal, litigation, or other dispute or claim;
or
 - 3) The expiration of any other applicable record retention period.

(Source: Added at Ill. Reg. , effective)

SUBPART G: NO FURTHER REMEDIATION LETTERS AND RECORDING
REQUIREMENTS

Section 732.701 Issuance of a No Further Remediation Letter

- a) Upon approval by the Agency of a report submitted pursuant to Section 732.202(h)(3) of this Part, a No Further Action site classification report, a Low Priority groundwater monitoring completion report, or a High Priority corrective action completion report, the Agency shall issue to the owner or operator a No Further Remediation Letter. The No Further Remediation Letter shall have the legal effect prescribed in Section 57.10 of the Act. The No Further Remediation Letter shall be denied if the Agency rejects or requires modification of the applicable report.
- b) The Agency shall have 120 days after the date of receipt of a complete report to issue a No Further Remediation Letter and may include the No Further Remediation Letter as part of the notification of approval of the applicable report in accordance with Subpart E of this Part. If the Agency fails to send the No Further Remediation Letter within 120 days, it shall be deemed denied by operation of law.
- c) The notice of denial of a No Further Remediation Letter by the Agency may be included with the notification of rejection or modification of the applicable report. The reasons for the denial shall be stated in the notification. The denial shall be considered a final determination appealable to the Board within 35 days after the Agency's final action in the manner provided for the review of permit decisions in Section 40 of the Act. If any request for a No Further Remediation Letter is denied by operation of law, in lieu of an immediate appeal to the Board the owner or operator may either resubmit the request and applicable report to the Agency or file a joint request for a 90 day extension in the manner provided for extensions of permit decision in Section 40 of the Act.
- d) The Agency shall mail the No Further Remediation Letter by registered or certified mail, postmarked with a date stamp and with return receipt requested. Final action shall be deemed to have taken place on the postmarked date that the letter is mailed.
- e) The Agency at any time may correct errors in No Further Remediation Letters that arise from oversight, omission or clerical mistake. Upon correction of the No Further Remediation Letter, the Agency shall mail the corrected letter to the owner or operator as set forth in subsection (d) ~~(e)~~ of this Section. The corrected letter shall be perfected by recording in accordance with the requirements of Section 732.703 of this Part.

(Source: Amended at Ill. Reg. , effective

)

Section 732.702 Contents of a No Further Remediation Letter

A No Further Remediation Letter issued pursuant to this Part shall include all of the following:

- a) An acknowledgment that the requirements of the applicable report were satisfied;
 - b) A description of the location of the affected property by adequate legal description or by reference to a plat showing its boundaries, or, for purposes of Section 732.703(d) of this Part, other means sufficient to identify site location with particularity;
 - c) A statement that the ~~The~~ remediation objectives were determined in accordance with 35 Ill. Adm. Code 742, and the identification of any land use limitation, as applicable, required by 35 Ill. Adm. Code 742 as a condition of the remediation objectives;
 - d) A statement that the Agency's issuance of the No Further Remediation Letter signifies that:
 - 1) *All corrective action requirements applicable to the occurrence have been complied with;*
 - 2) *All corrective action concerning the remediation of the occurrence has been completed; and*
 - 3) *No further corrective action concerning the occurrence is necessary for the protection of human health, safety and the environment [415 ILCS 5/57.10(c)(1)-(3)], or, if the No Further Remediation Letter is issued pursuant to Section 732.411(e) of this Part, that the owner or operator has demonstrated to the Agency's satisfaction an inability to obtain access to an off-site property despite best efforts and therefore is not required to perform corrective action on the off-site property in order to satisfy the corrective action requirements of this Part, but is not relieved of responsibility to clean up portions of the release that have migrated off-site.*
- BOARD NOTE: The owner or operator may seek reimbursement from the Fund for all eligible costs pursuant to Subpart C, and subsequent to the issuance of an NFR letter, should access be granted after issuance of such letter.
- e) The prohibition under Section 732.703(e) of this Part against the use of any site in a manner inconsistent with any applicable land use limitation, without additional appropriate remedial activities;

- f) A description of any approved preventive, engineering, and institutional controls identified in the plan or report and notification that failure to manage the controls in full compliance with the terms of the plan or report may result in avoidance of the No Further Remediation Letter;
- g) The recording obligations pursuant to Section 732.703 of this Part;
- h) The opportunity to request a change in the recorded land use pursuant to Section 732.703(e) 732.704(e) of this Part;
- i) Notification that further information regarding the site can be obtained from the Agency through a request under the Freedom of Information Act [5 ILCS 140]; and
- j) Any other provisions agreed to by the Agency and the owner or operator.

(Source: Amended at Ill. Reg. , effective)

Section 732.703 Duty to Record a No Further Remediation Letter

- a) Except as provided in subsections (c) and (d) of this Section, an owner or operator receiving a No Further Remediation Letter from the Agency pursuant to this Subpart G shall submit the letter, with a copy of any applicable institutional controls (as set forth in 35 Ill. Adm. Code 742, Subpart J) proposed as part of a corrective action completion report, to the Office of the Recorder or the Registrar of Titles of the county in which the site is located within 45 days after receipt of the letter. The letter and any attachments shall be filed in accordance with Illinois law so that they form it forms a permanent part of the chain of title for the site. Upon the lapse of the 45-day period for recording, pursuant to Section 732.704(a)(5) of this Part the Agency may void an unrecorded No Further Remediation Letter for failure to record it in a timely manner.
- b) Except as provided in subsections (c) and (d) of this Section, a No Further Remediation Letter shall be perfected upon the date of the official recording of such letter. The owner or operator shall obtain and submit to the Agency, within 30 days after the official recording date, a certified or otherwise accurate and official copy of the letter and any attachments as recorded. An unperfected No Further Remediation Letter is effective only as between the Agency and the owner or operator. ~~The Agency may, pursuant to Section 732.704(a)(5) of this Part, void a No Further Remediation Letter for failure to perfect in a timely manner in accordance with subsection (a) of this Section.~~
- c) For sites located in a highway authority right-of-way ~~an Illinois Department of Transportation (IDOT) right-of-way~~, the following requirements shall apply:
 - 1) In order for the No Further Remediation Letter to be perfected, the

highway authority with jurisdiction over the right-of-way IDOT must enter into a Memorandum of Agreement (MOA) with the Agency. The MOA must include ~~but is not limited to:~~

- A) The name of the site, if any, and any highway authority IDOT or Agency identifiers (e.g., incident number, Illinois inventory identification number);
- B) The address of the site (or other description sufficient to identify the location of the site with certainty);
- C) A copy of the No Further Remediation Letter for each site subject to the MOA;
- D) Procedures for tracking sites subject to the MOA so that all highway authority offices and personnel IDOT bureaus whose responsibilities (e.g., land acquisition, maintenance, construction, utility permits) may affect land use limitations will have notice of any environmental concerns and land use limitations applicable to a site;
- E) Provisions addressing future conveyances (including title or any lesser form of interest) or jurisdictional transfers of ~~the~~ site to any other agency, private person or entity and the steps that will be taken to ensure the long-term integrity of any land use limitations including ~~but not limited to:~~ the following:
 - i) Upon creation of a deed, the recording of the No Further Remediation Letter and any other land use limitations requiring recording under 35 Ill. Adm. Code 742, with copies of the recorded instruments sent to the Agency within 30 days after recording;
 - ii) Any other arrangements necessary to ensure that property that is conveyed or transferred remains subject to any land use limitations approved and implemented as part of the corrective action plan and the No Further Remediation Letter; and
 - iii) Notice to the Agency at least 60 days prior to any such intended conveyance or transfer indicating the mechanism(s) to be used to ensure that any land use limitations will be operated or maintained as required in the corrective action plan and No Further Remediation Letter; and

- F) Provisions for notifying the Agency if any actions taken by the highway authority ~~IDOT~~ or its permittees at the site result in the failure or inability to restore the site to meet the requirements of the corrective action plan and the No Further Remediation Letter.
- 2) Failure to comply with the requirements of this subsection (c) may result in avoidance of the No Further Remediation Letter pursuant to Section 732.704 of this Part as well as any other penalties that may be available.
- d) For sites located on Federally Owned Property for which the Federal Landholding Entity does not have the authority under federal law to record institutional controls on the chain of title, the following requirements shall apply:
 - 1) To perfect a No Further Remediation Letter containing any restriction on future land use(s), the Federal Landholding Entity or Entities responsible for the site must enter into a Land Use Control Memorandum of Agreement (LUC MOA) with the Agency that requires the Federal Landholding Entity to do, at a minimum, the following:
 - A) Identify the location on the Federally Owned Property of the site subject to the No Further Remediation Letter. Such identification shall be by means of common address, notations in any available facility master land use plan, site specific GIS or GPS coordinates, plat maps, or any other means that identify the site in question with particularity;
 - B) Implement periodic site inspection procedures that ensure oversight by the Federal Landholding Entities of any land use limitations or restrictions imposed pursuant to the No Further Remediation Letter;
 - C) Implement procedures for the Federal Landholding Entities to periodically advise the Agency of continued compliance with all maintenance and inspection requirements set forth in the LUC MOA;
 - D) Implement procedures for the Federal Landholding Entities to notify the Agency of any planned or emergency changes in land use that may adversely impact land use limitations or restrictions imposed pursuant to the No Further Remediation Letter;
 - E) Notify the Agency at least 60 days in advance of a conveyance by deed or fee simple title, by the Federal Landholding Entities, of the site or sites subject to the No Further Remediation Letter, to any entity that will not remain or become a Federal Landholding Entity, and provide the Agency with information about how the

Federal Landholding Entities will ensure the No Further Remediation Letter is recorded on the chain of title upon transfer of the property; and

- F) Attach to the LUC MOA a copy of the No Further Remediation Letter for each site subject to the LUC MOA.
- 2) To perfect a No Further Remediation letter containing no restriction(s) on future land use, the Federal Landholding Entity shall submit the letter to the Office of the Recorder or the Registrar of Titles of the county in which the site is located within 45 days after receipt of the letter. The letter shall be filed in accordance with Illinois law so it forms a permanent part of the chain of title. The Federal Landholding Entity shall obtain and submit to the Agency, within 30 days after recording, a copy of the letter demonstrating that the recording requirements have been satisfied.
- 3) Failure to comply with the requirements of this subsection (d) and the LUC MOA may result in voidance of the No Further Remediation Letter as well as any other penalties that may be available.
- e) At no time shall any site for which a land use limitation has been imposed as a result of corrective action under this Part be used in a manner inconsistent with the land use limitation set forth in the No Further Remediation Letter. The land use limitation specified in the No Further Remediation Letter may be revised only by the perfecting of a subsequent No Further Remediation Letter, issued pursuant to Title XVII of the Act and regulations thereunder, following further investigation or remediation that demonstrates the attainment of objectives appropriate for the new land use.

(Source: Amended at Ill. Reg. , effective)

Section 732.704 Voidance of a No Further Remediation Letter

- a) The No Further Remediation Letter shall be voidable if site activities are not carried out in full compliance with the provisions of this Part, and 35 Ill. Adm. Code 742 where applicable, or the remediation objectives upon which the issuance of the No Further Remediation Letter was based. Specific acts or omissions that may result in voidance of the No Further Remediation Letter include, ~~but shall not be limited to:~~
 - 1) Any violations of institutional controls or land use restrictions, if applicable;
 - 2) The failure of the owner or operator or any subsequent transferee to operate and maintain preventive, engineering and institutional controls ~~or comply with a groundwater monitoring plan, if applicable;~~

- 3) Obtaining the No Further Remediation Letter by fraud or misrepresentation;
- 4) Subsequent discovery of indicator contaminants related to the occurrence upon which the No Further Remediation Letter was based which:
 - A) were not identified as part of the investigative or remedial activities upon which the issuance of the No Further Remediation Letter was based;
 - B) results in the following:
 - i) the site no longer satisfying the criteria of a No Further Action site classification;
 - ii) the site no longer satisfying the criteria of a Low Priority site classification;
 - iii) failing to meet the remediation ~~remedial~~ objectives established for a High Priority site; and
 - C) pose a threat to human health or the environment;
- 5) Upon the lapse of the 45 day period for recording ~~perfection~~ of the No Further Remediation Letter ~~for recording~~, the failure to record and thereby perfect the No Further Remediation Letter in a timely manner;
- 6) The disturbance ~~Disturbance~~ or removal of contamination left in place under an approved plan;
- 7) The failure to comply with the requirements of Section 732.703(c) and the Memorandum of Agreement entered in accordance with Section 732.703(c) for a site that is located in a highway authority right-of-way ~~an IDOT right of way~~;
- 8) The failure to comply with the requirements of Section 732.703(d) and the LUC MOA entered in accordance with Section 732.703(d) for a site located on Federally Owned Property for which the Federal Landholding Entity does not have the authority under federal law to record institutional controls on the chain of title;
- 9) The failure to comply with the requirements of Section 732.703(d) of this Part or the failure to record a No Further Remediation Letter perfected in accordance with Section 732.703(d) within 45 days following the transfer of the Federally Owned Property subject to the No Further Remediation Letter to any entity that will not remain or become

a Federal Landholding Entity; or

- 10) The failure to comply with the notice or confirmation requirements of 35 Ill. Adm. Code 742.1015(b)(5) and (c).
- b) If the Agency seeks to void a No Further Remediation Letter, it shall provide Notice of Voidance ~~notice~~ to the current title holder of the site and the owner or operator at his or her last known address.
 - 1) The Notice of Voidance ~~notice~~ shall specify the cause for the voidance and describe the facts in support of the cause.
 - 2) The Agency shall mail Notices of Voidance by registered or certified mail, date stamped with return receipt requested.
- c) Within 35 days after receipt of the Notice of Voidance, the current title holder and owner or operator of the site at the time the No Further Remediation Letter was issued may appeal the Agency's decision to the Board in the manner provided for the review of permit decisions in Section 40 of the Act.
- d) If the Board fails to take final action within 120 days, unless such time period is waived by the petitioner, the petition shall be deemed denied and the petitioner shall be entitled to an appellate court order pursuant to subsection (d) of Section 41 of the Act. The Agency shall have the burden of proof in such action.
 - 1) If the Agency's action is appealed, the action shall not become effective until the appeal process has been exhausted and a final decision is reached by the Board or courts.
 - A) Upon receiving a notice of appeal, the Agency shall file a Notice of lis pendens with the Office of the Recorder or the Registrar of Titles for the county in which the site is located. The notice shall be filed in accordance with Illinois law so that it becomes a part of the chain of title for the site.
 - B) If the Agency's action is not upheld on appeal, the Notice of lis pendens shall be removed in accordance with Illinois law within 45 days after receipt of the final decision of the Board or the courts.
 - 2) If the Agency's action is not appealed or is upheld on appeal, the Agency shall submit the Notice of Voidance to the Office of the Recorder or the Registrar of Titles for the county in which the site is located. The Notice shall be filed in accordance with Illinois law so that it forms a permanent part of the chain of title for the site.

(Source: Amended at Ill. Reg. , effective)

SUBPART H: MAXIMUM PAYMENT AMOUNTS EXPEDITED UNIT RATES &
MAXIMUM UNIT RATES

Section 732.800 Applicability

This Subpart H provides the Expedited Unit Rates and Maximum Unit Rates that can be paid from the Fund for the Products and Services necessary to comply with this Part and provides guidance for determining the Reasonable Quantity of products and services for purposes of reimbursement from the Fund. It also provides the method for determining the Extended Costs per product or service that are reasonable for purposes of reimbursement from the Fund.

In this Subpart, Products and services that may typically be necessary in order to comply with this Part are grouped into three categories. The first of these is field products and services, which typically includes, but are not limited to, Products and Services that may be necessary during activities such as, but not limited to, free product removal, drilling, probing, excavation, engineered barrier installation, etc. Expedited Unit Rates for field products and services are covered in Sections 732.810 through 732.835 and Appendix E. The second category is analytical & testing products & services. These Products and Services include chemical, biological, geo-technical and other testing and analytical services. Expedited Unit Rates for analytical & testing products & services are covered in Section 732.840 and Appendix E. The third category is professional consulting products & services. These are necessary to design, oversee, analyze, manage and document investigative and remedial activities during a corrective action project, as well as the professional consulting services necessary to perform all Agency required, planning, budgeting, reporting, correspondence, etc. Expedited Unit Rates for professional consulting products and services are covered in Section 732.845 and Appendix E. Hereinafter, field products and services, analytical & testing products and services and professional consulting products & services listed in Appendix E are collectively referred to as Standard Products & Services.

This Subpart also groups work activities required to be conducted in order to comply with this Part into the Standardized Tasks set forth in Appendix D (hereinafter referred to as Task(s)).

Appendix E, Schedule of Standard Products & Services, sets forth a list of the products & services that are commonly used in relation to various Tasks conducted in order to comply with this Part. Also provided in Appendix E are the Agency-approved Billing Methods, Units of Measure and Expedited Unit Rates for each Standard Product or Service listed.

- a) — This Subpart H provides three methods for determining the maximum amounts that can be paid from the Fund for eligible corrective action costs. All costs associated with conducting corrective action are grouped into the tasks set forth in Sections 732.810 through 732.850 of this Part. The first method for determining the maximum amount that can be paid for each task is to use the maximum amounts for each task set forth in those Sections, and in Section 732.870. In some cases the maximum amounts are specific dollar amounts, and in other cases the maximum amounts are determined on a site specific basis.

As an alternative to using the amounts set forth in Sections 732.810 through 732.850 of this Part, the second method for determining the maximum amounts that can be paid for one or more tasks is bidding in accordance with Section 732.855 of this Part. As stated in that Section, when bidding is used, if the lowest bid for a particular task is less than the amount set forth in Sections 732.810 through 732.850, the amount in Sections 732.810 through 732.850 of this Part may be used instead of the lowest bid. Finally, the third method for determining maximum amounts that can be paid from the Fund applies to unusual or extraordinary circumstances. The maximum amounts for such circumstances can be determined in accordance with Section 732.860 of this Part.

- b) — The costs listed under each task set forth in Sections 732.810 through 732.850 of this Part identify only some of the costs associated with each task. They are not intended as an exclusive list of all costs associated with each task for the purposes of payment from the Fund.
- c) — This Subpart H sets forth only the methods that can be used to determine the maximum amounts that can be paid from the Fund for eligible corrective action costs. Whether a particular cost is eligible for payment must be determined in accordance with Subpart F of this Part.

(Source: Added at Ill. Reg. , effective)

Section 732.805 General

- a) When seeking reimbursement from the Fund, owners or operators must utilize one or more of the Standard Products and Services listed in Appendix E. All budget proposals and claims for reimbursement shall identify the Appendix D Task(s) being performed as well as the applicable Standard Products and Services and their associated Billing Method and Units of Measure as provided in Appendix E.
 - 1.) An owner or operator that incurs, or expects to incur, a unit rate for Standard Products and Services in excess of the Expedited Unit Rate provided in Appendix E, may seek to recover costs in excess of the Expedited Unit Rate pursuant to the provisions of either Sections 732.855 or 732.860 of this Subpart H.
 - 2.) An owner or operator may obtain, on a site-specific basis, an Expedited Unit Rate for the cost of Products and Services not listed in Appendix E by demonstrating that the product or service is not covered by one or more of the Standard Products and Services listed in Appendix E, is reasonable, necessary and meets the requirements of Sections 732.605 and 732.606 of Subpart F. To determine the Expedited Unit Rate the owner or operator may obtain a minimum of three bids for services pursuant to Section 732.855.

3.) An owner or operator that incurs or anticipates incurring costs in excess of the Expedited Unit Rate may recover costs on a site-specific basis in excess of the Expedited Unit Rate by meeting the requirements of Sections 732.860 or 732.862.

For purposes of reimbursement from the Fund, a cost per Unit of Measure equal to or less than the Expedited Unit Rate provided in Appendix E, or unit rate otherwise approved pursuant to subparagraphs i.), ii.) or iii.) of this paragraph (a) shall be presumed to be reasonable.

b) An owner or operator seeking reimbursement from the Fund must demonstrate that the quantity of Standard Products and Services, and Products and Services approved on a site-specific basis pursuant to subparagraph ii.) of this Section are reasonable for the Task(s) being performed and do not exceed the minimum requirements of the Act. In order to show that the quantity is reasonable, the owner or operator shall demonstrate the following:

1.) For Tasks performed pursuant to Subpart B of this Part, and with the exception of those Tasks associated with free product removal performed pursuant to an approved plan required under Section 732.203 (c), the owner or operator shall demonstrate that the Task performed is necessary to meet the minimum requirements of the Act, is eligible for reimbursement from the Fund, and that the quantity of Products and Services provided in relation to the particular Task does not exceed the quantity necessary to achieve compliance with the Act and this Part. In making a reasonable quantity determination, the Agency shall adhere to the guidance provided in Appendix F.

2.) For Tasks associated with free product removal performed pursuant to 732.203 (c) or Tasks performed pursuant to Subpart C or D of this Part, an owner or operator must obtain Agency approval of a Work Plan and Budget prior to seeking reimbursement. The approved Work Plan and Budget shall specify the Tasks that are required in order to meet the minimum requirements of the Act and the quantity of each Product and Service required per Task and/or the quantity of each product or service proposed in accordance with Section 732.805 (a) (ii). The Agency shall consider a Task to be necessary if the work activities associated with the Task are required in order to achieve compliance with the Act or this Part. The Agency shall consider the quantity of a Product and Service to be reasonable if it is approved in the corresponding Work Plan and Budget. In making a Reasonable Quantity determination for the Products and Services claimed or proposed, the Agency shall adhere to the quantity guidance provided for Sections 732.810 through 732.845 of Appendix F to this Subpart. A quantity that is approved in a Budget or pursuant to the provisions of this Part shall be known as a Reasonable Quantity.

- c.) For purposes of determining whether the Extended Cost for a particular Standard Product or Service or Products or Services approved pursuant to the provisions of 732.805 (a) (ii) is reasonable, the Agency shall multiply the Expedited Unit Rate or the rate that may have been approved pursuant to the provisions of 732.805 (a), by the lesser of the Reasonable Quantity remaining in the Budget or the amount claimed. The result of this calculation shall be presumed to be a reasonable Extended Cost for purposes of reimbursement from the Fund.

(Source: Added at Ill. Reg. , effective _____)

Section 732.810 UST Removal or Abandonment Services ~~Costs~~

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.1 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.
- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.
- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

Payment for costs associated with UST removal or abandonment of each UST must not exceed the amounts set forth in this Section. Such costs must include, but not be limited to, those associated with the excavation, removal, disposal, and abandonment of UST systems.

UST Volume	Maximum Total Amount per UST
110 - 999 gallons	\$2,100.00
1,000 - 14,999 gallons	\$3,150.00
15,000 or more gallons	\$4,100.00

(Source: Added at Ill. Reg. , effective _____)

Section 732.815 Free Product or Groundwater Removal and Disposal Services

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.2 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.

Note: The design, construction, operation, maintenance and closure of free product or groundwater removal or treatments systems is not covered in these services. The services necessary to design, construct, operate, maintain and close a free product or groundwater removal or treatments system is considered a professional consulting service and reimbursement for those services is subject to Section 732.845 and Section III of Appendix E.

- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.
- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

Payment for costs associated with the removal and disposal of free product or groundwater must not exceed the amounts set forth in this Section. Such costs must include, but not be limited to, those associated with the removal, transportation, and disposal of free product or groundwater, and the design, construction, installation, operation, maintenance, and closure of free product or groundwater removal systems.

- a.) Payment for costs associated with each round of free product or groundwater removal via hand bailing or a vacuum truck must not exceed a total of \$0.68 per gallon or \$200.00, whichever is greater.
- b.) Payment for costs associated with the removal of free product or groundwater via a method other than hand bailing or vacuum truck must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part. Such costs must include, but not be limited to, those associated with the design, construction, installation, operation, maintenance, and closure of free product and groundwater removal systems.

(Source: Added at Ill. Reg. , effective)

Section 732.820 Drilling, Well Installation, and Well Abandonment Services

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.3 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.
- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.

- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

~~Payment for costs associated with drilling, well installation, and well abandonment must not exceed the amounts set forth in this Section.~~

- a) ~~Payment for costs associated with each round of drilling must not exceed the following amounts. Such costs must include, but not be limited to, those associated with mobilization, drilling labor, decontamination, and drilling for the purposes of soil sampling or well installation.~~

Type of Drilling	Maximum Total Amount
Hollow stem auger	greater of \$23.00 per foot or \$1,500.00
Direct push platform	
for sampling or other	greater of \$18.00 per foot or \$1,200.00
non injection purposes	
for injection purposes	greater of \$15.00 per foot or \$1,200.00

- b) ~~Payment for costs associated with the installation of monitoring wells, excluding drilling, must not exceed the following amounts. Such costs must include, but not be limited to, those associated with well construction and development.~~

Type of Borehole	Maximum Total Amount
Hollow stem auger	\$16.50/foot (well length)
Direct push platform	\$12.50/foot (well length)

- c) ~~Payment for costs associated with the installation of recovery wells, excluding drilling, must not exceed the following amounts. Such costs must include, but not be limited to, those associated with well construction and development.~~

Well Diameter	Maximum Total Amount
4 or 6 inches	\$25.00/foot (well length)
8 inches or greater	\$41.00/foot (well length)

- d) ~~Payment for costs associated with the abandonment of monitoring wells must not exceed \$10.00 per foot of well length.~~

(Source: Added at Ill. Reg. , effective)

Section 732.825 Soil Removal and Disposal Services

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.4 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and

Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.

c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.

d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

~~Payment for costs associated with soil removal, transportation, and disposal must not exceed the amounts set forth in this Section. Such costs must include, but not be limited to, those associated with the removal, transportation, and disposal of contaminated soil exceeding the applicable remediation objectives or visibly contaminated fill removed pursuant to Section 732.202(f) of this Part, and the purchase, transportation, and placement of material used to backfill the resulting excavation.~~

~~a) — Payment for costs associated with the removal, transportation, and disposal of contaminated soil exceeding the applicable remediation objectives, visibly contaminated fill removed pursuant to Section 732.202(f) of this Part, and concrete, asphalt, or paving overlying such contaminated soil or fill must not exceed a total of \$57.00 per cubic yard.~~

~~1) — Except as provided in subsection (a)(2) of this Section, the volume of soil removed and disposed must be determined by the following equation using the dimensions of the resulting excavation: (Excavation Length x Excavation Width x Excavation Depth) x 1.05. A conversion factor of 1.5 tons per cubic yard must be used to convert tons to cubic yards.~~

~~2) — The volume of soil removed from within four feet of the outside dimension of the UST and disposed of pursuant to Section 732.202(f) of this Part must be determined in accordance with Section 732-Appendix C of this Part.~~

~~b) — Payment for costs associated with the purchase, transportation, and placement of material used to backfill the excavation resulting from the removal and disposal of soil must not exceed a total of \$20.00 per cubic yard.~~

~~1) — Except as provided in subsection (b)(2) of this Section, the volume of backfill material must be determined by the following equation using the dimensions of the backfilled excavation: (Excavation Length x Excavation Width x Excavation Depth) x 1.05. A conversion factor of 1.5 tons per cubic yard must be used to convert tons to cubic yards.~~

~~2) — The volume of backfill material used to replace soil removed from within four feet of the outside dimension of the UST and disposed of pursuant to Section 732.202(f) of this Part must be determined in accordance with~~

~~Section 732. Appendix C of this Part.~~

- e.) ~~Payment for costs associated with the removal and subsequent return of soil that does not exceed the applicable remediation objectives but whose removal is required in order to conduct corrective action must not exceed a total of \$6.50 per cubic yard. The volume of soil removed and returned must be determined by the following equation using the dimensions of the excavation resulting from the removal of the soil: (Excavation Length x Excavation Width x Excavation Depth). A conversion factor of 1.5 tons per cubic yard must be used to convert tons to cubic yards.~~

(Source: Added at Ill. Reg. , effective)

Section 732.830 Drum Disposal Services

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.5 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.
- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.
- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

~~Payment for costs associated with the purchase, transportation, and disposal of 55-gallon drums containing waste generated as a result of corrective action (e.g., boring cuttings, water bailed for well development or sampling, hand bailed free product) must not exceed the following amounts or a total of \$500.00, whichever is greater.~~

<u>Drum Contents</u>	<u>Maximum Total Amount per Drum</u>
<u>Solid waste</u>	<u>\$250.00</u>
<u>Liquid waste</u>	<u>\$150.00</u>

(Source: Added at Ill. Reg. , effective)

Section 732.835 Concrete and Asphalt Paving Services~~Sample Handling and Analysis~~

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 1.6 of Appendix E

- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.
- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.
- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.

~~Payment for costs associated with sample handling and analysis must not exceed the amounts set forth in Section 732. Appendix D of this Part. Such costs must include, but not be limited to, those associated with the transportation, delivery, preparation, and analysis of samples, and the reporting of sample results. For laboratory analyses not included in this Section, the Agency may determine reasonable maximum payment amounts on a site specific basis.~~

(Source: Added at Ill. Reg. , effective)

Section 732.840 Analytical & Testing Services~~Concrete, Asphalt, and Paving; Destruction or Dismantling and Reassembly of Above Grade Structures~~

- a.) The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 2 of Appendix E
- b.) The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.
- c.) Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.
- d.) Guidance outlining the level of professional oversight necessary when the services listed in this Section are being performed is provided in Appendix F.
- a.) ~~Payment for costs associated with concrete, asphalt, and paving installed as an engineered barrier, other than replacement concrete, asphalt, and paving, must not exceed the following amounts. Costs associated with the replacement of concrete, asphalt, and paving used as an engineered barrier are subject to the maximum amounts set forth in subsection (b) of this Section instead of this subsection (a).~~

<u>Depth of Material</u>	<u>Maximum Total Amount</u>
	<u>per Square Foot</u>
<u>Asphalt and paving 2 inches</u>	<u>\$1.65</u>
<u>3 inches</u>	<u>\$1.86</u>

4 inches ————— \$2.38

Concrete ————— any depth ————— \$2.38

b) ————— Payment for costs associated with the replacement of concrete, asphalt, and paving must not exceed the following amounts:

Depth of Material ————— Maximum Total Amount per Square Foot

Asphalt and paving 2 inches ————— \$1.65

3 inches ————— \$1.86

4 inches ————— \$2.38

6 inches ————— \$3.08

Concrete ————— 2 inches ————— \$2.45

3 inches ————— \$2.93

4 inches ————— \$3.41

5 inches ————— \$3.89

6 inches ————— \$4.36

8 inches ————— \$5.31

For depths other than those listed above, the Agency must determine reasonable maximum payment amounts on a site specific basis.

e) ————— Payment for costs associated with the destruction or the dismantling and reassembly of above grade structures must not exceed the time and material amounts set forth in Section 732.850 of this Part. The total cost for the destruction or the dismantling and reassembly of above grade structures must not exceed \$10,000.00 per site.

(Source: Added at Ill. Reg. , effective)

Section 732.845 Professional Consulting Services

a.) ————— The Billing Methods, Units of Measure and Expedited Unit Rates for these Products and Services are set forth in Section 3 of Appendix E

b.) ————— The scope of work for these Products and Services is provided in Appendix F and may be utilized for purposes establishing Bid Unit Rates, Justified Unit Rates and Extraordinary Unit Rates pursuant to the provisions of Sections 732.855, 732.860 and 732.862.

c.) ————— Guidance for determining the Reasonable Quantity for required Products and Services is provided in Appendix F.

NOTE: From the effective date of this rule, the Agency shall track, on a project specific and task specific basis, the quantity of each proposed and approved professional consulting Product and Service listed in Sections 3.1, 3.2 and 3.3 of Appendix E. The purpose of this tracking shall be to develop a statistically reliable database for purposes of evaluating costs trends. Not later than the second anniversary date of the implementation of this rule, the Agency shall compile, and provide to the Board, a report outlining the average statewide cost for professional consulting Products & Services on an Item by Item and Task by Task basis. This report shall also provide the Board with the standard deviation in cost for each Product and Service for each task. Upon the Board's receipt of that report, the Agency may propose modifications to the Billing Methods and/or Expedited Unit Rates for the professional consulting Products and Services listed in Section III of Appendix E provided that such proposals are based upon statistically reliable means.

Payment for costs associated with professional consulting services must not exceed the amounts set forth in this Section. Such costs must include, but not be limited to, those associated with project planning and oversight; field work; field oversight; travel; per diem; mileage; transportation; vehicle charges; lodging; meals; and the preparation, review, certification, and submission of all plans, budget plans, reports, applications for payment, and other documentation.

a) Early Action and Free Product Removal. Payment of costs for professional consulting services associated with early action and free product removal activities conducted pursuant to Subpart B of this Part must not exceed the following amounts:

1) Payment for costs associated with preparation for the abandonment or removal of USTs must not exceed a total of \$960.00;

2) Payment for costs associated with early action field work and field oversight must not exceed a total of \$390.00 per half day, plus travel costs in accordance with subsection (e) of this Section. The number of half days must not exceed the following:

A) If one or more USTs are removed, one half day for each leaking UST that is removed, not to exceed a total of ten half days, plus one half day for each 225 cubic yards, or fraction thereof, of visibly contaminated fill material removed and disposed of in accordance with Section 732.202(f) of this Part;

B) If one or more USTs remain in place, one half day for every four soil borings, or fraction thereof, drilled pursuant to Section 732.202(h)(2) of this Part; and

C) One half day if a UST line release is repaired;

- ~~3) — Payment for costs associated with the preparation and submission of 20-day and 45-day reports, including, but not limited to, field work not covered by subsection (a)(2) of this Section, must not exceed a total of \$4,800.00.~~
- ~~4) — Payment for costs associated with the preparation and submission of free product removal plans and the installation of free product removal systems must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part.~~
- ~~5) — Payment for costs associated with the field work and field oversight for free product removal must not exceed a total of \$390.00 per half day, plus travel costs in accordance with subsection (e) of this Section. The Agency must determine the reasonable number of 1 half days on a site specific basis.~~
- ~~6) — Payment for costs associated with the preparation and submission of free product removal reports must not exceed a total of \$1,600.00 per report.~~
- ~~7) — Payment for costs associated with the preparation and submission of reports submitted pursuant to Section 732.202(h)(3) of this Part must not exceed a total of \$500.00.~~
- ~~b) — Site Evaluation and Classification. Payment of costs for professional consulting services associated with site evaluation and classification activities conducted pursuant to Subpart C of this Part must not exceed the following amounts:~~
 - ~~1) — For site evaluation and classifications conducted pursuant to Section 732.307 of this Part, payment for costs associated with the preparation and submission of site classification plans, site classification preparation, field work, field oversight, and the preparation and submission of the site classification completion report must not exceed a total of \$9,870.00.~~
 - ~~2) — For site evaluation and classifications conducted pursuant to Section 732.312 of this Part, payment for costs must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part. For owners and operators that elect to proceed in accordance with 35 Ill. Adm. Code 734, costs incurred after the notification of election must be payable from the Fund in accordance with that Part.~~
- ~~e) — Low Priority Corrective Action. Payment of costs for professional consulting services associated with low priority corrective action activities conducted~~

pursuant to Subpart D of this Part must not exceed the following amounts:

- 1) — Payment for costs associated with the preparation and submission of low priority groundwater monitoring plans must not exceed a total of \$3,200.00;
- 2) — Payment for costs associated with low priority groundwater monitoring field work and field oversight must not exceed a total of \$390.00 per half day, up to a maximum of seven half days, plus travel costs in accordance with subsection (e) of this Section;
- 3) — Payment for costs associated with the preparation and submission of the first year groundwater monitoring report must not exceed a total of \$2,560.00;
- 4) — Payment for costs associated with the preparation and submission of the second year groundwater monitoring report must not exceed a total of \$2,560.00;
- 5) — Payment for costs associated with the preparation and submission of low priority groundwater monitoring completion report must not exceed a total of \$2,560.00;

d) — High Priority Corrective Action. Payment of costs for professional consulting services associated with high priority corrective action activities conducted pursuant to Subpart D of this Part must not exceed the following amounts:

- 1) — Payment for costs associated with the preparation and submission of investigation plans for sites classified pursuant to Section 732.307 of this Part must not exceed the following:
 - A) — A total of \$3,200.00 for plans to investigate on site contamination;
 - B) — A total of \$3,200.00 for plans to investigate off site contamination;
- 2) — Payment for costs associated with field work and field oversight to define the extent of contamination resulting from the release must not exceed a total of \$390.00 per half day, plus travel costs in accordance with subsection (e) of this Section. The number of half days must not exceed the following:
 - A) — One half day for every four soil borings, or fraction thereof, drilled as part of the investigation but not used for the installation of monitoring wells. Borings in which monitoring wells are installed must be included in subsection (d)(2)(B) of this Section instead of this subsection (d)(2)(A); and

- ~~B) — One half day for each monitoring well installed as part of the investigation.~~
- ~~3) — Payment for costs associated with well surveys conducted pursuant to Section 732.404(e)(1) of this Part must not exceed a total of \$160.00. Payment for costs associated with well surveys conducted pursuant to Section 732.404(e)(2) of this Part must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part.~~
- ~~4) — For conventional technology, payment for costs associated with the preparation and submission of corrective action plans must not exceed a total of \$5,120.00. For alternative technologies, payment for costs must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part.~~
- ~~5) — Payment for costs associated with high priority corrective action field work and field oversight must not exceed the following amounts:~~
 - ~~A) — For conventional technology, a total of \$390.00 per half day, not to exceed one half day for each 225 cubic yards, or fraction thereof, of soil removed and disposed, plus travel costs in accordance with subsection (e) of this Section.~~
 - ~~B) — For alternative technologies, payment for costs must be determined on a time and materials basis and must not exceed the amounts set forth in Section 732.850 of this Part.~~
- ~~6) — Development of Tier 2 and Tier 3 Remediation Objectives. Payment of costs for professional consulting services associated with the development of Tier 2 and Tier 3 remediation objectives in accordance with 35 Ill. Adm. Code 742 must not exceed the following amounts:~~
 - ~~A) — Payment for costs associated with field work and field oversight for the development of remediation objectives must not exceed a total of \$390.00 per half day, plus travel costs in accordance with subsection (e) of this Section. The number of half days must not exceed the following:~~
 - ~~i) — One half day for every four soil borings, or fraction thereof, drilled solely for the purpose of developing remediation objectives. Borings in which monitoring wells are installed must be included in subsection (d)(6)(A)(ii) of this Section instead of this subsection (d)(6)(A)(i); and~~

- ~~ii) One half day for each monitoring well installed solely for the purpose of developing remediation objectives.~~
- ~~B) Excluding costs set forth in subsection (d)(6)(A) of this Section, payment for costs associated with the development of Tier 2 or Tier 3 remediation objectives must not exceed a total of \$800.00.~~
- ~~7) Payment for costs associated with Environmental Land Use Controls and Highway Authority Agreements used as institutional controls pursuant to 35 Ill. Adm. Code 742 must not exceed a total of \$800.00 per Environmental Land Use Control or Highway Authority Agreement.~~
- ~~8) Payment for costs associated with the preparation and submission of high priority corrective action completion reports must not exceed a total of \$5,120.00.~~
- ~~e) Payment for costs associated with travel, including, but not limited to, travel time, per diem, mileage, transportation, vehicle charges, lodging, and meals, must not exceed the following amounts. Costs for travel must be allowed only when specified elsewhere in this Part.~~
- | Distance to site | Maximum total amount |
|-----------------------------|---------------------------------|
| (land miles) | per calendar day |
| 0 to 29 | \$140.00 |
| 30 to 59 | \$220.00 |
| 60 or more | \$300.00 |
- ~~Distances must be measured in ground miles and rounded to the nearest mile. If a consultant maintains more than one office, distance to the site must be measured from the consultant's office that is closest to the site.~~
- ~~f) If a plan must be amended due to unforeseen circumstances, costs associated with the amendment of the plan and its associated budget plan must not exceed a total of \$640.00.~~

(Source: Added at Ill. Reg. , effective)

Section 732.847 Mileage, Lodging & Per Diem

Lodging, mileage and per diem expenses shall be permitted for all reasonable overnight stays for professional and field personnel performing Tasks that are eligible for reimbursement. The lodging, mileage and per diem Expedited Unit Rates are provided in Section 3.4 of Appendix E. Each overnight stay shall be considered reasonable if the professional or field personnel are required to work at a job site located more than sixty (60) miles from its office and on-site activities plus travel time to the site from the consultants/contractors office will require more than eight (8) hours per work day.

Distances must be measured in ground miles and rounded to the nearest mile. If a consultant or contractor maintains more than one office, distance to the site must be measured from the closest office that is normally capable of providing the required personnel.

(Source: Added at Ill. Reg. , effective)

Section 732.850 Payment on Time and Materials Basis

For Products and Services with time and materials Billing Methods prescribed in Sections 732.810 through 732.835, or any Products and Services not otherwise listed in Sections 732.810 through 732.835, the owner or operator will be required to document costs on a time and materials basis.

This Section sets forth the maximum amounts that may be paid when payment is allowed on a time and materials basis.

- a) ~~Payment for costs associated with activities that have a maximum payment amount set forth in other sections of this Subpart H (e.g. sample handling and analysis, drilling, well installation and abandonment, drum disposal, or consulting fees for plans, field work, field oversight, and reports) must not exceed the amounts set forth in those Sections, unless payment is made pursuant to Section 732. 860 of this Part.~~
- b) ~~Maximum payments amounts for costs associated with activities that do not have a maximum payment amount set forth in other sections of this Subpart H must be determined by the Agency on a site specific basis, provided, however, that personnel costs must not exceed the amounts set forth in Section 732. Appendix F of this Part. Personnel costs must be based upon the work being performed, regardless of the title of the person performing the work. Owners and operators seeking payment must demonstrate to the Agency that the amounts sought are reasonable.~~

BOARD NOTE: Alternative technology costs in excess of the costs of conventional technology are ineligible for payment from the Fund. ~~See pursuant to Sections 732.407(b) and 732.606(bb) of this Part.~~

(Source: Added at Ill. Reg. , effective)

Section 732.855 ~~Competitive Bidding~~

As an alternative to the ~~maximum payment amounts~~ Expedited Unit Rates set forth in Sections 732.810 through 732.840 of this Subpart H, one or more ~~maximum payment amounts~~ Expedited Unit Rates may be determined on a site specific basis via bidding in accordance with this Section. Each bid must cover all costs included in the ~~maximum payment amount~~ Expedited Unit Rate that the bid is replacing, ~~and be consistent with the Scope of Work provided for the~~

applicable Products and Services in Appendix F. The bids shall also utilize the same Billing Method and Unit of Measure as provided in Appendix F.

- a) A minimum of three written bids must be obtained. The bids must be based upon the same scope of work and must remain valid for a period of time that will allow the owner or operator to accept them upon the Agency's approval of the associated budget. The bids must be formatted to correspond with the Tasks listed in the Standard Task List set forth in Appendix D. Bids must be obtained only from persons qualified and able to perform the work being bid. Bids must not be obtained from persons in which the owner or operator, or the owner's or operator's primary ~~contractor~~, Consultant or Contractor has a financial interest.
- b) The bids must be summarized on forms prescribed and provided by the Agency. The bid summary form, along with copies of the bid requests and the bids obtained, must be submitted to the Agency in the associated budget or ~~reimbursement claim as appropriate~~. If more than the minimum three bids are obtained, summaries and copies of all bids must be submitted to the Agency.
- c) ~~The maximum payment amount for the work bid must be the amount of the lowest bid, unless the lowest bid is less than the maximum payment amount set forth in this Subpart H in which case the maximum payment amount set forth in this Subpart H must be allowed. The lowest qualified bid obtained via competitive bidding shall be known as the Bid Unit Rate.~~
- d) For purposes of budget and reimbursement processing, the Bid Unit Rate shall be used and shall be treated in the same manner as the Expedited Unit Rate. The owner or operator is not required to use the lowest bidder to perform the work, but instead may use another person qualified and able to perform the work, including, but not limited to, a person in which the owner or operator, or the owner's or operator's primary ~~consultant~~, Consultant or Contractor has a direct or indirect financial interest. ~~However, regardless of who performs the work, the maximum payment amount will remain the amount of the lowest bid.~~
- e) This Section is not applicable to the professional consulting Products and Services listed in Section 3 of Appendix E

(Source: Added at Ill. Reg. , effective)

Section 732.860 ~~Cost Justification Unusual or Extraordinary Circumstances~~

If an owner or operator incurs or anticipates it will incur eligible costs that exceed the Expedited Unit Rates set forth in Appendix E for the Products or Services listed in Sections 732.810 through 732.845, the Agency may determine that the proposed/incurred rate is justified for purposes of reimbursement by the owner or operator making the demonstrations required in this Section. Owners and operators seeking to have the Agency approve one or more unit rates pursuant to this Section must:

- a.) The owner or operator may propose/claim a rate for Products and Services listed in Appendix E in excess of the Expedited Unit Rate. For purposes of reimbursement, the Agency will presume that the rate is reasonable if the proposed/claimed rate is less than or equal to the Maximum Unit Rate for the product or service and the owner or operator demonstrates that the product or service is necessary in order to satisfy the requirements of the Act or this Part and is not the result of unusual or extraordinary circumstances. Agency required deviations in the Scope of Work from that provided for the applicable Products and Services in Appendix F or an excessive short term increase in fuel costs are examples of situations that might warrant cost justification.
- b.) For Products and Services not listed in Appendix E, the owner or operator must demonstrate that the product or service is not listed in Appendix E or included in one or more of the Products or Services listed in Appendix E, the price is reasonable, the product or service was/is necessary to meet the minimum requirements of the Act or this Part and does not exceed the minimum requirements of this Part.

Section 732.862 Unusual or Extraordinary Circumstances

If, as a result of unusual or extraordinary circumstances, an owner or operator incurs or may incur eligible costs that exceed the Expedited Unit Rate set forth in this Subpart H, the Agency may allow a unit price higher than the Expedited Unit Rate and the Maximum Unit Rate by the owner or operator demonstrating on a site-specific basis that the cost of the Product or Service is either not covered in Appendix E or that the costs was/is higher than the Expedited Unit Rate provided in Appendix E and that the costs are/will be incurred due to extraordinary circumstances, are reasonable, and are necessary in order to satisfy the requirements of this Part. Unit prices approved pursuant to this Section shall be known as an Extraordinary Unit Price. Examples of circumstances that may warrant a claim for Extraordinary circumstances include an inability to obtain a minimum of three bids pursuant to Section 732.855 of this Part due to a limited number of persons providing the Product or Service needed.

If, as a result of unusual or extraordinary circumstances, an owner or operator incurs or will incur eligible costs that exceed the maximum payment amounts set forth in this Subpart H, the Agency may determine maximum payment amounts for the costs on a site specific basis. Owners and operators seeking to have the Agency determine maximum payments amounts pursuant to this Section must demonstrate to the Agency that the costs for which they are seeking a determination are eligible for payment from the Fund, exceed the maximum payment amounts set forth in this Subpart H, are the result of unusual or extraordinary circumstances, are unavoidable, are reasonable, and are necessary in order to satisfy the requirements of this Part. Examples of unusual or extraordinary circumstances may include, but not be limited to, an inability to obtain a minimum of three bids pursuant to Section 732.855 of this Part due to a limited number of persons providing the service needed.

(Source: Added at Ill. Reg. , effective)

Section 732.865 Handling Charges

Payment of handling charges must not exceed the amounts set forth in Section 732.607 of this Part.

(Source: Added at Ill. Reg. , effective)

Section 732.870 ~~Adjustment in Expedited Unit Rates~~ ~~Increase in Maximum Payment~~
~~Amounts~~

The Expedited Unit Rates set forth in this Subpart H must be evaluated and adjusted, if necessary, not less than annually. The Agency must first conduct a statistically significant analysis of the costs of Products and Services proposed and claimed by owners or operators in budgets and requests for reimbursement. The Agency must include in this analysis the costs of Products and Services proposed which did not conform to the current Schedule of Standard Products & Services but were approved pursuant to either Section 732.855 (Bid Unit Rates) or 732.860 (Justified Unit Rates) of this Subpart. The analysis should also identify any significant trend(s) concerning the normal and customary performance of the Task(s) included. The statistical analysis shall be designed to identify Expedited Unit Rates published in Appendix E that do not accurately reflect customary and accepted market prices as well as new Products and Services (not listed in Appendix E) being utilized in a statistically significant number of instances. The Agency must submit a report to the Board on whether the Expedited Unit Rates for Standard Products and Services are consistent with the prices analyzed in the statistical analysis. The report must identify Expedited Unit Rates that are not consistent with the statistical analysis and suggest changes needed to make the Expedited Unit Rates consistent with customary and accepted market prices. Concurrently with the submission of the above described report, the Agency shall submit to the Board a report outlining the Extraordinary Unit Rates approved for the preceding period.

- a) The Agency must publish the latest approved Schedule of Standard Products and Services on its website no later than the date it becomes effective.
- b) Adjusted Expedited Unit Rates must be applied as follows:
 - 1) For Products and Services not approved by the Agency in writing prior to the date the costs are incurred, including Products and Services provided during the Early Action Phase, the applicable Expedited Unit Rate must be the amounts in effect on the date the costs were incurred.
 - 2) Owners or operators must have the burden of requesting the appropriate adjusted Expedited Unit Rate in budgets and applications for payment.

The maximum payment amounts set forth in this Subpart H must be adjusted annually by an inflation factor determined by the annual Implicit Price Deflator for Gross National Product as published by the U.S. Department of Commerce in its Survey of Current Business.

- a) ~~The inflation factor must be calculated each year by dividing the latest published annual Implicit Price Deflator for Gross National Product by the annual Implicit Price Deflator for Gross National Product for the previous year. The inflation factor must be rounded to the nearest 1/100th. In no case must the inflation factor be more than five percent in a single year.~~
- b) ~~Adjusted maximum payment amounts must become effective on July 1 of each year and must remain in effect through June 30 of the following year. The first adjustment must be made on July 1, 2006, by multiplying the maximum payment amounts set forth in this Subpart H by the applicable inflation factor. Subsequent adjustments must be made by multiplying the latest adjusted maximum payment amounts by the latest inflation factor.~~
- c) ~~The Agency must post the inflation factors on its website no later than the date they become effective. The inflation factors must remain posted on the website in subsequent years to aid in the calculation of adjusted maximum payment amounts.~~
- d) ~~Adjusted maximum payment amounts must be applied as follows:~~
 - 1) ~~For costs approved by the Agency in writing prior to the date the costs are incurred, the applicable maximum payments amounts must be the amounts in effect on the date the Agency received the budget in which the costs were proposed. Once the Agency approves a cost, the applicable maximum payment amount for the cost must not be increased (e.g. by proposing the cost in a subsequent budget).~~
 - 2) ~~For costs not approved by the Agency in writing prior to the date the costs are incurred, including but not limited to early action costs, the applicable maximum payments amounts must be the amounts in effect on the date the costs were incurred.~~
 - 3) ~~Owners and operators must have the burden of requesting the appropriate adjusted maximum payment amounts in budgets and applications for payment.~~

(Source: Added at Ill. Reg. , effective

)

Section 732.875 Agency Review of Standardized TasksPayment Amounts

No less than every two years the Agency must review the Standard Task list set forth in this Subpart H and submit a report to the Board on whether the Tasks are fully consistent with the tasks that are being utilized to meet the goals of approved work plans. The report must identify both; tasks included on the Standard Task List that are not being used on a statistically significant number of sites, and tasks which are not on the Standard Task List but are being approved on a site specific basis in a statistically significant number of

instances. Based on such data, the Agency must recommend the Standard Task list be modified accordingly. Each new task must have a clear and distinguishable relationship to a specific provision of the regulations and must be accommodated by statistically significant reporting of the cost of Products and Services required to complete the Task.

No less than every three years the Agency must review the amounts set forth in this Subpart H and submit a report to the Board on whether the amounts are consistent with the prevailing market rates. The report must identify amounts that are not consistent with the prevailing market rates and suggest changes needed to make the amounts consistent with the prevailing market rates.

(Source: Added at Ill. Reg. , effective)

Section 732.APPENDIX A Indicator Contaminants

TANK CONTENTS

GASOLINE

leaded(1), unleaded, premium and gasohol

MIDDLE DISTILLATE AND HEAVY ENDS

aviation turbine fuels(1)

jet fuels

diesel fuels

gas turbine fuel oils

heating fuel oils

illuminating oils

Kerosene

Lubricants

liquid asphalt and dust laying oils

cable oils

crude oil, crude oil fractions

petroleum feedstocks

petroleum fractions

heavy oils

transformer oils(2)

hydraulic fluids(3)

petroleum spirits(4)

mineral spirits(4), Stoddard solvents(4)

high-flash aromatic naphthas(4)

INDICATOR CONTAMINANTS

benzene

ethylbenzene

toluene

xylene

Methyl tertiary butyl ether (MTBE)

benzene

ethylbenzene

toluene

xylene

acenaphthene

anthracene

benzo(a)anthracene

benzo(a)pyrene

benzo(b)fluoranthene

benzo(k)fluoranthene

chrysene

dibenzo(a,h)anthracene

fluoranthene

fluorene

indeno(1,2,3-c,d)pyrene

naphthalene

pyrene

Acenaphthylene

Benzo(g,h,i)perylene

Phenanthrene

Other non-carcinogenic PNAs (total) (6)

VM&P naphthas(4)
moderately volatile hydrocarbon solvents(4)
petroleum extender oils(4)

USED OIL

Screening sample(5)

- (1) lead is also an indicator contaminant
- (2) the polychlorinated biphenyl parameters listed in Appendix B are also indicator contaminants
- (3) barium is also an indicator contaminant
- (4) the volatile, base/neutral and polynuclear aromatic parameters listed in Appendix B are also indicator contaminants
- (5) used oil indicator contaminants must be based on the results of a used oil soil sample analysis - refer to Section ~~734.405(g)~~ 732.310 of this Part
- (6) ~~acenaphthylene, benzo(g,h,i)perylene and phenanthrene~~

(Source: Amended at Ill. Reg. , effective)

Section 732.APPENDIX Appendix B Additional Parameters

Volatiles

- 1 Benzene
- 2 Bromoform
- 3 Carbon tetrachloride
- 4 Chlorobenzene
- 5 Chloroform
- 6 Dichlorobromomethane
- 7 1,2-Dichloroethane
- 8 1,1-Dichloroethane
- 9 cis-1,2-Dichloroethane
- 10 Trans-1,2-Dichloroethylene
- 11 Dichloromethane (Methylene chloride)
- 12 1,2-Dichloropropane
- 13 1,3-Dichloropropylene (cis + trans)
- 14 Ethylbenzene
- 15 Styrene
- 16 Tetrachloroethylene
- 17 Toluene
- 18 1,1,1-Trichloroethane
- 19 1,1,2-Trichloroethane
- 20 Trichloroethylene
- 21 Vinyl chloride
- 22 Xylenes (total)

Base/Neutrals

- 1 Bis(2-chloroethyl)ether
- 2 Bis(2-ethylhexyl)phthalate
- 3 1,2-Dichlorobenzene
- 4 1,4-Dichlorobenzene
- 5 Hexachlorobenzene
- 6 Hexachlorocyclopentadiene
- 7 *n*-Nitrosodi-*n*-propylamine
- 8 *n*-Nitrosodiphenylamine
- 9 1,2,4-Trichlorobenzene

Polynuclear Aromatics

- 1 Acenaphthene
- 2 Anthracene
- 3 Benzo(a)anthracene
- 4 Benzo(a)pyrene
- 5 Benzo(b)fluoranthene
- 6 Benzo(k)fluoranthene
- 7 Chrysene
- 8 Dibenzo(a,h)anthracene
- 9 Fluoranthene
- 10 Fluorene
- 11 Indeno(1,2,3-c,d)pyrene
- 12 Naphthalene
- 13 Pyrene
- 14 Acenaphthylene
- 15 Benzo(g,h,i)perylene
- 16 Phenanthrene

Metals (total inorganic and organic forms)

- 1 Arsenic
- 2 Barium
- 3 Cadmium
- 4 Chromium (total)
- 5 Lead
- 6 Mercury
- 7 Selenium

Polychlorinated Biphenyls

1. Polychlorinated Biphenyls
(as Decachlorobiphenyl)

(Source: Amended at Ill. Reg. , effective)

Section 732.APPENDIXAppendix C

Volume of Tank in Gallons	Maximum amount of backfill material to be removed-in:		Maximum amount of backfill material to be replaced-in:	
	<u>Cubic yards</u>	<u>tons</u>	<u>Cubic yards</u>	<u>tons</u>
<285	54	91	56	94
285 to 299	55	92	57	96
300 to 559	56	94	58	97
560 to 999	67	113	70	118
1000 to 1049	81	136	87	146
1050 to 1149	89	150	96	161
1150 to 1999	94	158	101	170
2000 to 2499	112	188	124	208
2500 to 2999	128	215	143	240
3000 to 3999	143	240	161	270
4000 to 4999	175	294	198	333
5000 to 5999	189	318	219	368
6000 to 7499	198	333	235	395
7500 to 8299	206	346	250	420
8300 to 9999	219	368	268	450
10,000 to 11,999	252	423	312	524
12,000 to 14,999	286	480	357	600
>15,000	345	580	420	706

A conversion factor of 1.5 tons per cubic yard must be used to convert tons to cubic yards.

Site specific information may be used to determine the weight of backfill material if site conditions such as backfill material, soil moisture content, and soil conditions differ significantly from the default values.

BOARD NOTE: The weight of backfill material is calculated by using the default bulk density values listed in the TACO regulations at 35 Ill. Adm. Code 742, Appendix C, Table B. The weight of backfill material to be removed is based on a dry bulk density value of 1.8 g/cm³ for sand and a moisture content of 10 percent, which equals 1.98 g/cm³. The Board has rounded the removed backfill density to 2.0 g/cm³. The weight of backfill material to be replaced is based on a dry bulk density value of 2.0 g/cm³ for gravel.

(Source: Amended at Ill. Reg. , effective)

Section 732.APPENDIX D Standard Task List Sample Handling and Analysis

EARLY ACTION

- 732.202(a,b) Initial Response & Abatement
- 732.202(c,d,e,g) 20 & 45 Day Reporting
- 732.202(f)1 Tank Removal
- 732.202(f)2 Tank Abandonment
- 732.202(f)3 EA ETD&B
- 732.202(f)4 Ex-situ Treatment
- 732.202(h) Collect & Analyze Soil Samples
- 732.202(h)(3) Prepare & Submit report for EA Closure, if Tier 1 Objectives are met
- 732.203(a)(1) Perform 45 day Free Product Removal
- 732.203(a)(4) Prepare & Submit 45 day Free Product Removal Report

Post 45day FREE PRODUCT REMOVAL

- 732.203(c) Prepare & Submit Post 45 day Free Product Removal Plan
- 732.203(d) Prepare & Submit Post 45 day Free Product Removal Budget
- 732.203(e) Perform Free Product Removal
- 732.203(g)1 Prepare & Submit Plan Amendments as Necessary
- 732.203(g)2 Prepare & Submit Budget Amendments as Necessary

Site Classification

- 732.305 (a) Prepare & Submit A Method 1 or Method 2 Site Classification Work Plan
- 732.305 (b) Prepare & Submit A Method 1 or Method 2 Site Classification Work Plan Budget
- 732.305 (e)1 Prepare & Submit Method 1 or Method 2 Amended SCWPs as Necessary
- 732.305 (e)2 Prepare & Submit Method 1 or Method 2 Amended SCWP Budgets as Necessary
- 732.309 Prepare & Submit A Method 1 or Method 2 Site Classification Completion Report

- 732.312(b) Prepare & Submit Site Classification Work Plan (Classifying Under 732.312)
- 732.312(e) Prepare & Submit Site Classification Work Plan Budget (Classifying Under 732.312)
- 732.312(k)1 Prepare & Submit Amended SCWPs as Necessary (Classifying Under 732.312)
- 732.312(k)2 Prepare & Submit Amended SCWP Budgets as Necessary (Classifying Under 732.312)
- 732.312(h) Prepare & Submit A Site Classification Completion Report (Classifying Under 732.312)

- 732.306 Deferred Site Classification Activities

- 732.307(c) Perform Method One Soil Classification
- 732.307(d) Perform Method Two Soil Classification
- 732.307(f) Conduct Water Supply Well Survey
- 732.307(g) Investigation of Migration Pathways
- 732.307(h,i,j) Surface and Groundwater Investigation

CORRECTIVE ACTION

Low Priority

- 732.403(a) Perform Low Priority Groundwater Monitoring
- 732.403(b) Prepare & Submit a Groundwater Monitoring Plan
- 732.403(c) Prepare & Submit a Groundwater Monitoring Budget Plan
- 732.403(d) Prepare & Submit Annual Groundwater Monitoring Report
- 732.403(e) Prepare & Submit Groundwater Monitoring Completion Report

High Priority (Conventional Technology)

- 732.404(f)1 Prepare & Submit a High Priority Corrective Action Plan
- 732.404(f)2 Prepare & Submit a High Priority Corrective Action Budget Plan
- 732.404(e) Perform Additional Investigation Activities
- 732.404(a) Perform High Priority Corrective Action Actives
- 732.404(g) Prepare & Submit a High Priority Corrective Action Completion Report

Alternative Technology

- 732.407(a) Prepare & Submit a High Priority Alternative Technology Corrective Action Plan
- 732.407(b) Prepare & Submit a High Priority Alternative Technology Corrective Action Budget Plan
- 732.407(c) Perform High Priority Alternative Technology Corrective Action Actives
- 732.407(d) Agency Required Remote Monitoring

Other

- 732.406 Deferred Corrective Action Activities
- 732.405(e)1 Prepare & Submit Amended Corrective Action Plan
- 732.405(e)2 Prepare & Submit Amended Corrective Action Budget Plan

Non-Phase Specific

- 732.605 Prepare & Submit Application for Payment
- 732.411 Negotiate Off-Site Access

	Max. Total Amount per Sample
Chemical	
BETX Soil with MTBE	\$85.00
BETX Water with MTBE	\$81.00
COD (Chemical Oxygen Demand)	\$30.00
Corrosivity	\$15.00
Flash Point or Ignitability Analysis EPA 1010	\$33.00
FOC (Fraction Organic Carbon)	\$38.00
Fat, Oil, & Grease (FOG)	\$60.00
LUST Pollutants Soil analysis must include all volatile, base/neutral, polynuclear aromatic, and metal parameters listed in Section 732.Appendix B of this Part	\$693.00
Organic Carbon (ASTM D 2974 87)	\$33.00
Dissolved Oxygen (DO)	\$24.00
Paint Filter (Free Liquids)	\$14.00
PCB / Pesticides (combination)	\$222.00
PCBs	\$111.00
Pesticides	\$140.00
PH	\$14.00

Phenol	\$34.00
Polynuclear Aromatics PNA, or PAH SOIL	\$152.00
Polynuclear Aromatics PNA, or PAH WATER	\$152.00
Reactivity	\$68.00
SVOC—Soil (Semi-volatile Organic Compounds)	\$313.00
SVOC—Water (Semi-volatile Organic Compounds)	\$313.00
TKN (Total Kjeldahl) "nitrogen"	\$44.00
TOC (Total Organic Carbon) EPA-9060A	\$31.00
TPH (Total Petroleum Hydrocarbons)	\$122.00
VOC (Volatile Organic Compound)—Soil (Non-Aqueous)	\$175.00
VOC (Volatile Organic Compound)—Water	\$169.00
Geo-Technical	
Bulk Density ASTM D4292 / D2937	\$22.00
Ex-Situ Hydraulic Conductivity / Permeability	\$255.00
Moisture Content ASTM D2216-90 / D4643-87	\$12.00
Porosity	\$30.00
Rock Hydraulic Conductivity Ex-Situ	\$350.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54	\$145.00
Soil Classification ASTM D2488-90 / D2487-90	\$68.00

Metals	
Arsenic TCLP Soil	\$16.00
Arsenic Total Soil	\$16.00
Arsenic Water	\$18.00
Barium TCLP Soil	\$10.00
Barium Total Soil	\$10.00
Barium Water	\$12.00
Cadmium TCLP Soil	\$16.00
Cadmium Total Soil	\$16.00
Cadmium Water	\$18.00
Chromium TCLP Soil	\$10.00
Chromium Total Soil	\$10.00
Chromium Water	\$12.00
Cyanide TCLP Soil	\$28.00
Cyanide Total Soil	\$34.00
Cyanide Water	\$34.00

Iron-TCLP Soil	\$10.00
Iron Total Soil	\$10.00
Iron Water	\$12.00
Lead-TCLP Soil	\$16.00
Lead Total Soil	\$16.00
Lead Water	\$18.00
Mercury TCLP Soil	\$19.00
Mercury Total Soil	\$10.00
Mercury Water	\$26.00
Selenium TCLP Soil	\$16.00
Selenium Total Soil	\$16.00
Selenium Water	\$15.00
Silver TCLP Soil	\$10.00
Silver Total Soil	\$10.00
Silver Water	\$12.00
Metals TCLP Soil (a combination of all RCRA metals)	\$103.00
Metals Total Soil (a combination of all RCRA metals)	\$94.00
Metals Water (a combination of all RCRA metals)	\$119.00
Soil preparation for Metals TCLP Soil (one fee per sample)	\$79.00
Soil preparation for Metals Total Soil (one fee per sample)	\$16.00
Water preparation for Metals Water (one fee per sample)	\$11.00
Other	
En-Core® Sampler, purge and trap sampler, or equivalent sampling device	\$10.00
Sample Shipping (*maximum total amount for shipping all samples collected in a calendar day)	\$50.00*

(Source: Added at _____ Ill. Reg. _____, effective _____)

Section 732.APPENDIX E Schedule of Standard Products and Services *Personnel Titles and Rates*

DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
Section 1 - FIELD PRODUCTS & SERVICES			
<i>Section 1.1- UST Removal/Abandonment Products & Services (732.810)</i>			
UST Removal 110-999 gallons	Unit Price	Each	\$2,100.00
UST Removal 1,000-14,999 gallons	Unit Price	Each	\$3,150.00
UST Removal 15,000+ gallons	Unit Price	Each	\$4,100.00
UST Abandonment	Time & Material	N/A	N/A
<i>Section 1.2- Free Product & Groundwater Removal & Disposal Services (732.815)</i>			
Free Product/Groundwater Removal & Disposal	Unit Price	Gallon	\$0.68
<i>Section 1.3 Drilling, Well Installation and Well Abandonment Services (732.820)</i>			
Hollow Stem Auguring for Sampling Purposes	Unit Price	Foot	\$23.00
Direct Push Advancement for Sampling Purposes	Unit Price	Foot	\$18.00
Well Placement in Hollow Stem Sampled Borehole	Unit Price	Foot	\$16.50
Well Placement in Probe Advanced/Sampled Borehole	Unit Price	Foot	\$12.50
Direct Push Injections	Unit Price	Foot	\$15.00
Well Installation exclusive of Drilling, 4-6 inch diameter	Unit Price	Foot	\$25.00
Well Installation exclusive of Drilling, 8+ inch diameter	Unit Price	Foot	\$41.00
Well Abandonment	Unit Price	Foot	\$10.00
Equipment and Crew Mobilization	Unit Price	Each	\$250.00
<i>Section 1.4 Soil Removal & Disposal Services (732.825)</i>			
Removal, Transportation & Disposal of Contaminated Soil	Unit Price	Cubic Yard	\$57.00
Purchase, Transportation & Placement of Backfill	Unit Price	Cubic Yard	\$20.00
Removal & Return of Clean Soil to Access Contaminated Soil	Unit Price	Cubic Yard	\$6.50
<i>Section 1.5 Drum Disposal Services (732.830)</i>			
Solid Waste Drum Disposal	Unit Price	Drum	\$250.00
Liquid Waste Drum Disposal	Unit Price	Drum	\$150.00
Drum Disposal Minimum Billing	Lump Sum	Each	\$500.00
<i>Section 1.6 Concrete, Asphalt and Paving Services (732.835)</i>			
Asphalt and Paving as Engineered Barrier, 2 inches	Unit Price	Square Foot	\$1.65
Asphalt and Paving as Engineered Barrier, 3 inches	Unit Price	Square Foot	\$1.86
Asphalt and Paving as Engineered Barrier, 4 inches	Unit Price	Square Foot	\$2.38
Concrete as Engineered Barrier, any depth	Unit Price	Square Foot	\$2.38
Replacement of Asphalt and Paving, 2 inches	Unit Price	Square Foot	\$1.65

Replacement of Asphalt and Paving, 3 inches	Unit Price	Square Foot	\$1.80
Replacement of Asphalt and Paving, 4 inches	Unit Price	Square Foot	\$2.38
Replacement of Asphalt and Paving, 6 inches	Unit Price	Square Foot	\$3.08
Replacement of Concrete, 2 inches	Unit Price	Square Foot	\$2.45
Replacement of Concrete, 3 inches	Unit Price	Square Foot	\$2.93
Replacement of Concrete, 4 inches	Unit Price	Square Foot	\$3.41
Replacement of Concrete, 5 inches	Unit Price	Square Foot	\$3.89
Replacement of Concrete, 6 inches	Unit Price	Square Foot	\$4.36
Replacement of Concrete, 8 inches	Unit Price	Square Foot	\$5.31
<i>Section 1.7 Field Services Performed on a Time and Materials Basis (732.850)</i>			
Site Superintendent	Time&Materials	Hour	\$80.00
Laborer	Time&Materials	Hour	\$54.00
Operator	Time&Materials	Hour	\$62.00
Fleet Supervisor	Time&Materials	Hour	\$55.00
Driver I-A CDL	Time&Materials	Hour	\$48.00
Driver II-A Oversize Loads	Time&Materials	Hour	\$55.00
Drilling Foreman	Time&Materials	Hour	\$50.00
Rig Hand	Time&Materials	Hour	\$45.00
Visqueen 20X100 Roll	Time&Material	FOOT	\$0.75
55 Gallon Drums	Time&Material	EACH	\$50.00
Absorbent Materials 25Lb/Bag	Time&Materials	BAG	\$15.00
PVC Gloves	Time&Material	PAIR	\$3.50
Neoprene Gloves	Time&Material	PAIR	\$5.00
Nitrile Gloves	Time&Material	PAIR	\$0.50
Grade D Breathing Air	Time&Material	BOTTLE	\$40.00
Sawzall Blades	Time&Material	EACH	\$2.95
OVA/HEPA Respirator Cartridges	Time&Material	PAIR	\$16.50
Absorbent Socks Emergency Response	Time&Materials	EACH	\$30.00
Orange Safety Fence (50' Roll)	Time&Material	EACH	\$85.00
Boot Covers	Time&Materials	EACH	\$5.00
Per Diem	Time&Materials	EACH	\$28.00
Absorbent Pads	Time&Materials	EACH	\$1.05
Injection Sys Expendable Point	Time&Materials	EACH	\$5.00
Chemical Oxidation Compound	Time&Materials	LB	\$12.00
Chem. Oxidation Comp. Type 2	Time&Materials	LB	\$4.00
Poly Tubing	Time&Materials	FT	\$0.25
Silicone Tubing	Time&Materials	FT	\$3.00
1-1/2" Inch Absorbent Sock	Time&Materials	EACH	\$12.50
Shelby Tubes 3" x 30"	Time&Materials	EACH	\$12.00
End Cap 3" Shelby Tubes	Time&Materials	EACH	\$0.40

Skid Steer With Concrete Break	Time&Materials	HOUR	\$35.00
Skid Steer	Time&Materials	HOUR	\$15.00
Skid Steer W/ Drilling Attatch	Time&Materials	HOUR	\$35.00
Backhoe	Time&Materials	DAY	\$200.00
Excavator	Time&Materials	DAY	\$775.00
Air Compressor (Trailerred)	Time&Materials	DAY	\$120.00
Dozer	Time&Materials	DAY	\$435.00
Wheel Loader	Time&Materials	DAY	\$445.00
Compost Spreader	Time&Materials	DAY	\$100.00
Skid Steer With Sweeper	Time&Materials	HOUR	\$35.00
26 Gal. Speed Air Compressor	Time&Materials	DAY	\$50.00
Concrete Saw (Walk Behind)	Time&Materials	DAY	\$100.00
15 Volt Generator	Time&Materials	DAY	\$50.00
2" Trash Pump	Time&Materials	DAY	\$50.00
Power/Pressure Washer	Time&Materials	DAY	\$75.00
Drilling Rig Pressure Washer	Time&Materials	DAY	\$50.00
1/2" Hammer Drill	Time&Materials	DAY	\$50.00
Laser Level	Time&Materials	DAY	\$60.00
Builders Level	Time&Materials	DAY	\$30.00
Eductor	Time&Materials	DAY	\$20.00
500 Gal. Poly Tank	Time&Materials	DAY	\$25.00
1000 Gal Poly Tank	Time&Materials	DAY	\$35.00
1500 Gal. Poly Tank	Time&Materials	DAY	\$45.00
Submersible Pump	Time&Materials	DAY	\$15.00
Oxy/Acetylene Torch Outfit	Time&Materials	DAY	\$40.00
Drum Vac	Time&Materials	DAY	\$60.00
Sawzall	Time&Materials	DAY	\$30.00
Air Diaphragm Pump	Time&Materials	DAY	\$60.00
Full Face Air Purifying Respir	Time&Materials	DAY	\$25.00
Half Face Air Purifying Respir	Time&Materials	DAY	\$20.00
Full Face Supplied Air Respira	Time&Materials	DAY	\$45.00
Breathing Air Regulator	Time&Materials	DAY	\$25.00
30 Min SCBA	Time&Materials	DAY	\$75.00
Lifting Cable	Time&Materials	DAY	\$15.00
Combustible Gas Indicator	Time&Materials	DAY	\$75.00
3" Trash Pump	Time&Materials	DAY	\$75.00
Traffic Control Devices (Set)	Time&Materials	DAY	\$40.00
17" X 19" Absorbent Pad	Time&Materials	EACH	\$1.25
In-Situ Injection System	Time&Materials	DAY	\$275.00
Tandem Dump	Time&Materials	HOUR	\$25.00
Tractor With Dump Trailer	Time&Materials	HOUR	\$32.50

Tractor With Lowboy Trailer	Time&Materials	HOUR	\$55.00
Service Truck With Tools	Time&Materials	DAY	\$60.00
Remediation Utility Vehicle	Time&Materials	DAY	\$60.00
Tanker Semi Truck	Time&Materials	HOUR	\$65.00
Cargo Trailer	Time&Materials	DAY	\$75.00
Dovetail Trailer	Time&Materials	DAY	\$50.00
5-Ton Utility Trailer	Time&Materials	DAY	\$45.00
Soil Probing Unit	Time&Materials	HOUR	\$80.00
Drilling Rig Utility Trailer	Time&Materials	DAY	\$45.00
Drum Hauler Box Truck	Time&Materials	HOUR	\$18.50
Drill Rig	Time&Materials	HOUR	\$80.00
ATV With Utility Bed	Time&Materials	DAY	\$240.00
Free Product Removal System	Time&Materials	WEEK	\$250.00
Polycoated Tyvek	Time&Materials	EACH	\$27.50
Section 2 - ANALYTICAL & TESTING PRODUCTS & SERVICES			
<i>Section 2.1 Chemical Analysis Services</i>			
BETX Soil with MTBE	Unit Price	Each	\$85.00
BETX Water with MTBE	Unit Price	Each	\$81.00
COD (Chemical Oxygen Demand)	Unit Price	Each	\$30.00
Corrosivity	Unit Price	Each	\$15.00
Flash Point or Ignitability Analysis EPA 1010	Unit Price	Each	\$33.00
FOC (Fraction Organic Carbon)	Unit Price	Each	\$38.00
Fat, Oil, & Grease (FOG)	Unit Price	Each	\$60.00
LUST Pollutants Soil - analysis must include all volatile, base/neutral, polynuclear aromatic, and metal parameters listed in Section 732 Appendix B of this Part	Unit Price	Each	\$693.00
Organic Carbon (ASTM-D 2974-87)	Unit Price	Each	\$33.00
Dissolved Oxygen (DO)	Unit Price	Each	\$24.00
Paint Filter (Free Liquids)	Unit Price	Each	\$14.00
PCB / Pesticides (combination)	Unit Price	Each	\$222.00
PCBs	Unit Price	Each	\$111.00
Pesticides	Unit Price	Each	\$140.00
PH	Unit Price	Each	\$14.00
Phenol	Unit Price	Each	\$34.00
Polynuclear Aromatics PNA, or PAH SOIL	Unit Price	Each	\$152.00
Polynuclear Aromatics PNA, or PAH WATER	Unit Price	Each	\$152.00
Reactivity	Unit Price	Each	\$68.00
SVOC - Soil (Semi-volatile Organic Compounds)	Unit Price	Each	\$313.00
SVOC - Water (Semi-volatile Organic Compounds)	Unit Price	Each	\$313.00
TKN (Total Kjeldahl) "nitrogen"	Unit Price	Each	\$44.00
TOC (Total Organic Carbon) EPA 9060A	Unit Price	Each	\$31.00

<u>TPH (Total Petroleum Hydrocarbons)</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$122.00</u>
<u>VOC (Volatile Organic Compound) - Soil (Non-Aqueous)</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$175.00</u>
<u>VOC (Volatile Organic Compound) - Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$169.00</u>
<u>Section 2.2 Geo-Technical Analysis Services</u>			
<u>Bulk Density ASTM D4292 / D2937</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$22.00</u>
<u>Ex-Situ Hydraulic Conductivity / Permeability</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$255.00</u>
<u>Moisture Content ASTM D2216-90 / D4643-87</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$12.00</u>
<u>Porosity</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$30.00</u>
<u>Rock Hydraulic Conductivity Ex-Situ</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$350.00</u>
<u>Sieve / Particle Size Analysis ASTM D422-63 / D1140-54</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$145.00</u>
<u>Soil Classification ASTM D2488-90 / D2487-90</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$68.00</u>
<u>Section 2.3 Metals Analysis Services</u>			
<u>Arsenic TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Arsenic Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Arsenic Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$18.00</u>
<u>Barium TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Barium Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Barium Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$12.00</u>
<u>Cadmium TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Cadmium Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Cadmium Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$18.00</u>
<u>Chromium TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Chromium Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Chromium Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$12.00</u>
<u>Cyanide TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$28.00</u>
<u>Cyanide Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$34.00</u>
<u>Cyanide Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$34.00</u>
<u>Iron TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Iron Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Iron Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$12.00</u>
<u>Lead TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Lead Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Lead Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$18.00</u>
<u>Mercury TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$19.00</u>
<u>Mercury Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$10.00</u>
<u>Mercury Total Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$26.00</u>
<u>Selenium TCLP Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Selenium Total Soil</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$16.00</u>
<u>Selenium Water</u>	<u>Unit Price</u>	<u>Each</u>	<u>\$15.00</u>

Silver TCLP Soil	Unit Price	Each	\$10.00
Silver Total Soil	Unit Price	Each	\$10.00
Silver Total Water	Unit Price	Each	\$12.00
Metals TCLP Soil (a combination of all RCRA metals)	Unit Price	Each	\$103.00
Metals Total Soil (a combination of all RCRA Metals)	Unit Price	Each	\$94.00
Metals Water (a combination of all RCRA metals)	Unit Price	Each	\$119.00
Soil preparation for Metals TCLP Soil (one fee per sample)	Unit Price	Each	\$79.00
Soil preparation for Metals Total Soil (one fee per sample)	Unit Price	Each	\$16.00
Water preparation for Metals Water (one fee per sample)	Unit Price	Each	\$11.00
Section 2.3 Other Analytical Products & Services			
En Core Sampler, purge-and-trap sampler or equivalent sampling device	Unit Price	Each	\$10.00
Sample Shipping (*maximum total amount for shipping for all samples collected in a clendar day)	Unit Price	Day	\$50.00
Section 3 PROFESSIONAL CONSULTING PRODUCTS & SERVICES			
<i>Section 3.1 Professional Consulting Services</i>			
Engineer	Time&Material	Hour	\$103.13
Professional Engineer	Time&Material	Hour	\$126.76
Geologist	Time&Material	Hour	\$93.37
Prof. Geologist	Time&Material	Hour	\$121.94
Scientist	Time&Material	Hour	\$83.00
Project Manager	Time&Material	Hour	\$103.65
Technician	Time&Materials	Hour	\$64.17
Account Technician	Time&Materials	Hour	\$79.73
Administrative Assistant	Time&Materials	Hour	\$49.79
Draftperson/CAD	Time&Materials	Hour	\$65.52
<i>Section 3.2 Professional Consulting Equipment & Instrumentation</i>			
Ph Meter	Time&Materials	DAY	\$35.00
Electronic Water Level Indicator	Time&Materials	DAY	\$30.00
Metal Detector	Time&Materials	DAY	\$25.00
Datalogger	Time&Materials	DAY	\$150.00
Transducer	Time&Materials	DAY	\$50.00
Well Pump	Time&Materials	DAY	\$60.00
Colorimeter	Time&Materials	DAY	\$100.00
Colorimeter Reagent	Time&Materials	EACH	\$0.95
Photoionization Detector	Time&Materials	DAY	\$105.00
Hand Auger	Time&Material	DAY	\$32.00
Oil/Water Interface Meter	Time&Material	DAY	\$50.00
Peristaltic Pump	Time&Material	DAY	\$65.00

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Bacterial Growth Test Kit	Time&Materials	EACH	\$4.00
Skimmer	Time&Materials	WEEK	\$50.00
Multi-Meter	Time&Materials	DAY	\$50.00
Site Survey Instrument/Equip.	Time&Materials	DAY	\$250.00
Environmental Utility Vehicle	Time&Materials	DAY	\$60.00
Section 3.3 Professional Consulting Materials & Supplies			
Latex Gloves	Time&Materials	PAIR	\$0.40
Manifest	Time&Materials	EACH	\$3.00
Disposable Camera	Time&Materials	EACH	\$10.00
Headspace Analysis Containers	Time&Materials	EACH	\$0.15
Voa Sampling/Preservation Kit (9000-9001-9002)	Time&Materials	EACH	\$10.00
Dedicated Poly Bailer	Time&Materials	EACH	\$20.00
Glass Drum Sampler	Time&Materials	EACH	\$4.50
Digital Camera	Time&Materials	DAY	\$25.00
Ferrous Sulfate	Time&Materials	POUND	\$1.00
B&W Copies	Time&Materials	EACH	\$0.10
Color Copies	Time&Materials	EACH	\$1.25
Section 3.4 Per Diem, Mileage, Lodging			
Per Diem	Time&Materials	EACH	\$28.00
Mileage	Time&Materials	MILE	\$0.38
Lodging	Time&Materials	NIGHT	\$100.00

Title	Degree Required	III. License Req'd.	Min. Yrs. Experience	Max. Hourly Rate
<u>Engineer I</u>	<u>Bachelor's in Engineering</u>	<u>None</u>	<u>0</u>	<u>\$75.00</u>
<u>Engineer II</u>	<u>Bachelor's in Engineering</u>	<u>None</u>	<u>2</u>	<u>\$85.00</u>
<u>Engineer III</u>	<u>Bachelor's in Engineering</u>	<u>None</u>	<u>4</u>	<u>\$100.00</u>
<u>Professional Engineer</u>	<u>Bachelor's in Engineering</u>	<u>P.E.</u>	<u>4</u>	<u>\$110.00</u>
<u>Senior Prof. Engineer</u>	<u>Bachelor's in Engineering</u>	<u>P.E.</u>	<u>8</u>	<u>\$130.00</u>
<u>Geologist I</u>	<u>Bachelor's in Geology or Hydrogeology</u>	<u>None</u>	<u>0</u>	<u>\$70.00</u>
<u>Geologist II</u>	<u>Bachelor's in Geology or Hydrogeology</u>	<u>None</u>	<u>2</u>	<u>\$75.00</u>
<u>Geologist III</u>	<u>Bachelor's in Geology or Hydrogeology</u>	<u>None</u>	<u>4</u>	<u>\$88.00</u>
<u>Professional Geologist</u>	<u>Bachelor's in Geology or Hydrogeology</u>	<u>P.G.</u>	<u>4</u>	<u>\$92.00</u>
<u>Senior Prof. Geologist</u>	<u>Bachelor's in Geology or Hydrogeology</u>	<u>P.G.</u>	<u>8</u>	<u>\$110.00</u>
<u>Scientist I</u>	<u>Bachelor's in a Natural or Physical Science</u>	<u>None</u>	<u>0</u>	<u>\$60.00</u>
<u>Scientist II</u>	<u>Bachelor's in a Natural or Physical Science</u>	<u>None</u>	<u>2</u>	<u>\$65.00</u>
<u>Scientist III</u>	<u>Bachelor's in a Natural or Physical Science</u>	<u>None</u>	<u>4</u>	<u>\$70.00</u>
<u>Scientist IV</u>	<u>Bachelor's in a Natural or Physical Science</u>	<u>None</u>	<u>6</u>	<u>\$75.00</u>
<u>Senior Scientist</u>	<u>Bachelor's in a Natural or Physical Science</u>	<u>None</u>	<u>8</u>	<u>\$85.00</u>
<u>Project Manager</u>	<u>None</u>	<u>None</u>	<u>8+</u>	<u>\$90.00</u>

Senior Project Manager	None	None	12 ⁺	\$100.00
Technician I	None	None	0	\$45.00
Technician II	None	None	2 ⁺	\$50.00
Technician III	None	None	4 ⁺	\$55.00
Technician IV	None	None	6 ⁺	\$60.00
Senior Technician	None	None	8 ⁺	\$65.00
Account Technician I	None	None	0	\$35.00
Account Technician II	None	None	2 ²	\$40.00
Account Technician III	None	None	4 ²	\$45.00
Account Technician IV	None	None	6 ²	\$50.00
Senior Acct. Technician	None	None	8 ²	\$55.00
Administrative Assistant I	None	None	0	\$25.00
Administrative Assistant II	None	None	2 ³	\$30.00
Administrative Assistant III	None	None	4 ³	\$35.00
Administrative Assistant IV	None	None	6 ³	\$40.00
Senior Admin. Assistant	None	None	8 ³	\$45.00
Draftperson/CAD I	None	None	0	\$40.00
Draftperson/CAD II	None	None	2 ⁴	\$45.00
Draftperson/CAD III	None	None	4 ⁴	\$50.00
Draftperson/CAD IV	None	None	6 ⁴	\$55.00
Senior Draftperson/CAD	None	None	8 ⁴	\$60.00

¹ Equivalent work related or college level education with significant coursework in the physical, life, or environmental sciences can be substituted for all or part of the specified experience requirements.

² Equivalent work related or college level education with significant coursework in accounting or business can be substituted for all or part of the specified experience requirements.

³ Equivalent work related or college level education with significant coursework in administrative or secretarial services can be substituted for all or part of the specified experience requirements.

⁴ Equivalent work related or college level education with significant coursework in drafting or computer aided design ("CAD") can be substituted for all or part of the specified experience requirements.

(Source: Added at Ill. Reg. , effective)

Appendix F- Scope of Services & Reasonable Quantity Guidance for Standard Products & Services Listed in Appendix E.

Section 732.810: UST Removal/Abandonment Services

These products and services are listed in Section 1.1 of Appendix E.

Scope of Services:

UST removal services include all labor, equipment, materials and supplies typically necessary to permit, vapor free, excavate, remove, purge, cut, clean, transport and properly dispose of an underground storage tank. (Excavation, transportation and disposal of contaminated backfill material and backfilling operations pursuant to 732.202(f), and pumping, containerization and disposal of liquids are not included in this scope of services.)

UST abandonment services include all labor, equipment, materials, supplies and subcontractor services typically necessary to permit, vapor free, excavate (if necessary) and properly abandon the tank(s) in accordance with the requirements of the Illinois Office of the State Fire Marshal. (Excavation, transportation and disposal of contaminated backfill material and backfilling operations pursuant to 732.202(f), and pumping, containerization and disposal of liquids are not included in this scope of services.)

Billing Method & Unit of Measure:

Billing Methods and Units of Measure are included in Appendix E.

Reasonable Quantity Guidance:

These services will generally be rendered in association with Tasks 732.202 (f)1&2, 732.404(a), 732.407(c). A quantity of one (1) unit shall be presumed reasonable for each eligible tank removed as part of a corrective action. The Standard Products and Services shall be selected based upon the capacity of the tank being removed. As indicated in Appendix E, tank abandonment services rendered in association with Task 732.210(f)2 shall be billed on a time and materials basis.

Professional oversight of these field services is appropriate and shall be billed on a time and materials basis pursuant to section 732.845. An environmental professional should be on site at all times during tank removal/abandonment activities. The hours necessary for the environmental professional to travel from his or her nearest office to and from the job site prior and subsequent to tank removal or abandonment services are reasonable as well as associated per diems, lodging and travel charges. An Engineer, Project Manager, Technician, Scientist or Geologist would typically be expected to staff this field oversight activity.

Instrumentation and equipment that would typically be associated with tank removal/abandonment oversight include the following examples: Combustible Gas Indicator, Photo-Ionization Detector, Utility Vehicle, and Hand Auger. For Products and Services billed by the day, a Reasonable Quantity shall not exceed one per day of removal/abandonment activity.

Section 732.815: Free Product Removal & Groundwater Removal & Disposal Services

These products and services are listed in Section 1.2 of Appendix E

Scope of Services:

Free product removal and disposal services and groundwater removal and disposal services include all labor, equipment, materials, supplies and subcontractor services typically necessary to remove, containerize, transport and properly dispose of free product or groundwater via vacuum truck or other bulk disposal method. The design, construction, operation, maintenance and closure of free product or groundwater removal or treatment systems are not covered in these services. The disposal of liquid waste via 55 gallon drum(s) is not included in this service but is covered in Section 732.830.

Billing Method & Unit of Measure:

Pursuant to Appendix E, the Bill Method for these services is Unit Rate. The Unit of Measure for these services is "Gallon".

Reasonable Quantity Guidance:

These services will generally be rendered in association with Tasks 732.202(a,b), 732.202(f)(1,2, 4), 732.203(e), 732.203(a)(1), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c). A quantity of one (1) unit shall be presumed reasonable for each gallon of free product or groundwater documented as being properly disposed. If the number of gallons actually disposed is less than 294 gallons, the minimum quantity of two-hundred ninety four (294) gallons shall be reasonable and paid for any one disposal event.

Professional oversight of these field services is appropriate and shall be billed on a time and material basis pursuant 732.845. An environmental professional should be on site at all times during the performance of these services. The hours necessary for the environmental professional to travel from his or her nearest office to and from the job site prior to and subsequent to these services are reasonable as well as associated per diems, lodging and travel costs. An Engineer, Project Manager, Technician, Scientist or Geologist would typically be expected to staff this field oversight activity. Instrumentation and equipment that would typically be associated with the oversight of these field services include the following examples: Combustible Gas Indicator, Disposable Camera, Oil Water/Interface Meter, Utility Vehicle, waste manifest. For Products and Services billed by the day, a Reasonable Quantity shall not exceed one per disposal event.

Section 732.820: Drilling, Well Installation and Well Abandonment Services

These products and services are listed in Section 1.3 of Appendix E

Scope of Services:

These services are subcategorized into the following Services:

1.) Hollow stem auguring for soil sampling,

These services include all labor, equipment, materials, supplies and subcontractor services typically necessary to advance a borehole into the subsurface for purposes of collecting an analytical sample. This includes the cost to decontaminate the drilling equipment between samples and/or borehole locations but does not include the costs necessary to set a groundwater monitoring well.

2.) Direct push advancement for soil sampling,

These services include all labor, equipment, materials, supplies and subcontractor services typically necessary to advance a borehole into the subsurface for purposes of collecting an analytical sample. This includes the cost to decontaminate the drilling equipment between samples and/or borehole locations but does not include the costs necessary to set a groundwater monitoring well.

3.) Placement of well material less than 4" in diameter in a hollow stem augured borehole.

These services include the costs of all labor, equipment, materials, supplies and subcontractors necessary to properly install a monitoring well. The costs to advance the borehole in which the monitoring well is placed are not included since these costs are provided elsewhere.

4.) Placement of well material from 4" to 6" in diameter in hollow stem augured borehole.

These services include the costs of all labor, equipment, materials, supplies and subcontractors necessary to properly install a monitoring well. The costs to advance the borehole in which the monitoring well is placed are not included since these costs are provided elsewhere.

5.) Placement of well material greater than 6" in diameter in hollow stem augured borehole.

These services include the costs of all labor, equipment, materials, supplies and subcontractors necessary to properly install a monitoring well. The costs to advance the borehole in which the monitoring well is placed are not included

since these costs are provided elsewhere.

6.) Placement of well material in a direct push borehole (any diameter)

These services include the costs of all labor, equipment, materials, supplies and subcontractors necessary to properly install a monitoring well. The costs to advance the borehole in which the monitoring well is placed are not included since these costs are provided elsewhere.

7.) Direct push injections.

Direct push injections include all labor, equipment, materials and supplies and subcontractor services necessary to utilize a direct push unit to inject compounds into the subsurface for bio-augmentation, bio-enhancement or other purposes.

8.) Well abandonment.

Well abandonment services include all labor, equipment, materials, supplies and subcontractor services necessary to properly fill, seal and abandon a monitoring, recovery or treatment well.

9.) Equipment and Crew Mobilization.

Mobilization services include all labor, equipment, materials, supplies and subcontractors necessary to transport all personnel and equipment from the contractor's primary office location to and from the job site.

Billing Method & Unit of Measure:

Pursuant to Appendix E, the Billing Methods and Units of Measure for these services are identified in the table below.

<u>Description of Service</u>	<u>Billing Method</u>	<u>Unit of Measure</u>
<u>Hollow stem auguring for soil sampling</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Direct push advancement for soil sampling</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Placement of well material less than 4" in diameter in a hollow stem augured borehole.</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Placement of well material from 4" to 6" in diameter in hollow stem augured borehole</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Placement of well material greater than 6" in diameter in hollow stem augured borehole</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Placement of well material in a direct push borehole (any diameter)</u>	<u>Unit Rate</u>	<u>Foot</u>

<u>Direct push injections</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Well abandonment</u>	<u>Unit Rate</u>	<u>Foot</u>
<u>Equipment & crew mobilization</u>	<u>Unit Rate</u>	<u>Each</u>

Reasonable Quantity Guidance:

Drilling, well installation and well abandonment services will generally be rendered in association with Tasks listed in the table provided below.

Products & Services Associated Task Table:

<u>Products and Services</u>	<u>Primarily-Associated Task(s)</u>
<u>Hollow stem auguring for soil sampling</u>	<u>732.202(f)(2), 732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Direct push advancement for soil sampling</u>	<u>732.202(f)(2), 732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Placement of well material less than 4" in diameter in a hollow stem augured borehole.</u>	<u>732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Placement of well material from 4" to 6" in diameter in hollow stem borehole</u>	<u>732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Placement of well material greater than 6" in diameter in hollow stem borehole</u>	<u>732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Placement of well material in a direct push borehole (any diameter)</u>	<u>732.203(a)(1), 732.203(e), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Direct push injections</u>	<u>732.407(c)</u>
<u>Well abandonment</u>	<u>732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c)</u>
<u>Equipment & crew mobilization</u>	<u>All of the above.</u>

For services conducted pursuant to Subpart B of this Part, with the exception of those Tasks associated with free product removal performed pursuant to an approved plan, the owner or operator shall demonstrate that the drilling, well installation and well abandonment services were necessary to achieve the objective of Subpart B. Each foot of drilling validated as necessary to comply with Subpart B shall be deemed reasonable. A single mobilization shall be deemed reasonable for each drilling event required in association with Tasks performed in order to meet the requirements of Subpart B.

For services performed pursuant to Subpart C of this Part, a unit of one foot shall be deemed

reasonable for each foot of borehole advanced at a location and to a depth necessary to comply with the Site Investigation provisions of Subpart C. For drilling, well installation and well abandonment services performed pursuant to Subpart C, a unit of one foot shall be deemed reasonable for each foot of borehole advanced for purposes of remediation provided that the approximate location and depth of the borehole was approved in the corresponding work plan.

For hollow stem auguring and direct push advancement/sampling services a minimum quantity of seventy (70) feet shall be considered reasonable and paid per auguring/probing event even if the actual feet augured/probed is less. For direct push injection services, a minimum quantity of eighty (80) feet shall be considered reasonable and paid per direct push injection event even if the number of feet actually advanced is less. The original depth of the well advanced shall serve as the reasonable quantity in determining the number of feet that is reasonable for well abandonment.

Professional oversight of these field services is appropriate and shall be billed on a time and material basis pursuant section 732.845. An environmental professional should be on site at all times during the performance of these services. The hours necessary for the environmental professional to travel from his or her office to and from the job site prior to and subsequent to these services is reasonable as are associated per diems, lodging and travel costs. A Professional Engineer or Professional Geologist, Engineer, Project Manager, Technician, Geologist or Scientist would normally be expected to staff this oversight activity. Professional oversight services would not be expected for Equipment and Crew Mobilization services and Well Abandonment Services.

Instrumentation, Materials and Supplies typically expected to be associated with the professional oversight of these services include the following examples: Metal Detector, Photo-Ionization Detector, Disposable Camera, Utility Vehicle, Electronic Water Level Indicator, and Site Survey Instruments/Equipment. None of this instrumentation or equipment would be necessary for Well Abandonment Services or Equipment and Crew Mobilization Services. For Products and Services billed by the day, a Reasonable Quantity shall not exceed one per day of drilling or drilling event.

Section 732.825:

Soil Removal and Disposal

These products and services are listed in Section 1.4 of Appendix E

Scope of Services:

Soil removal and disposal services are categorized into three services as listed in the table below. The scope of services relating to each service is also provided in the table below.

<u>Product or Service</u>	<u>Scope of Service</u>
<u>Removal, transportation and disposal of contaminated soil</u>	<u>This service includes all labor, equipment, materials, supplies and subcontractors necessary to excavate, load, transport and dispose, at a permitted facility, all contaminated soil and all concrete, asphalt or paving overlying such contaminated soil.</u>
<u>Purchase, transportation and placement of clean backfill</u>	<u>This service includes all labor, equipment, materials, supplies and subcontractors necessary to acquire, transport, unload and place clean backfill into an excavation.</u>
<u>Removal and Return of Clean Overburden</u>	<u>This service includes all labor, equipment, materials, supplies and subcontractors necessary to excavate, load, transport (if necessary), unload and store clean overburden at the job site and then load, transport and place the material back into the excavation after remedial services are completed. It does not include costs to store material off-site if the job site location is not large enough to permit on site stockpiling.</u>

Billing Method & Unit of Measure:

The Billing Method for these services is provided in the table below.

<u>Description of Service</u>	<u>Billing Method</u>	<u>Unit of Measure</u>
<u>Removal, transportation and disposal of contaminated soil</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>
<u>Purchase, transportation and placement of clean backfill</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>
<u>Removal and Return of Clean Overburden</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>

Reasonable Quantity Guidance:

Contaminated soil, backfilling and clean overburden handling services may be expected to be provided in association with the following tasks: 732.202(f)(3), 732.202(f)(4), 732.203(a)(1), 732.203(c), 732.404(a), 732.407(c).

For purposes of determining a Reasonable Quantity the guidance provided in the table below shall be utilized.

<u>Description of Service</u>	<u>Unit Method</u>	<u>Unit of Measure</u>	<u>Reasonable Quantity Guidance</u>
<u>Removal, transportation and disposal of contaminated soil</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>	<u>For budgeting purposes a Reasonable Quantity shall be the estimated length x width x depth of the excavation multiplied times 1.05. For purposes of reimbursement the Reasonable Quantity shall be the number of tons disposed divided by 1.5 or a site specific conversion factor calculated by scientifically acceptable means. Soil volumes removed from the area immediately adjacent to the exterior of a UST during early action shall not exceed the values provided in Appendix C.</u>
<u>Purchase, transportation and placement of clean backfill</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>	<u>For budgeting purposes a Reasonable Quantity shall be the estimated length & width & depth of the excavation multiplied times 1.05. For purposes of reimbursement the Reasonable Quantity shall be the number of tons of material supplied divided by 1.5 or a material specific conversion factor calculated by scientifically acceptable means. The volume of material backfilled during early action shall not exceed the values provided in Appendix C.</u>
<u>Removal and Return of Clean Overburden</u>	<u>Unit Rate</u>	<u>Cubic Yard</u>	<u>For budgeting and reimbursement purposes a Reasonable Quantity shall be the estimated length x width x depth of the overburden area of the excavation multiplied times 1.05</u>

Professional oversight of these field services is appropriate and shall be billed on a time and material basis pursuant section 732.845. An environmental professional should be on site at all times during these services. The hours necessary for the environmental professional to travel from his or her office to and from the job site prior and subsequent to the performance of the field services listed in this Section are reasonable as well as associated per diems, lodging and travel costs. A Professional Engineer or Professional Geologist, Engineer, Project Manager, Technician, Geologist or Scientist would normally be expected to staff this oversight activity.

Instrumentation and equipment that would typically be expected to be associated with the professional oversight of this Field Service include the following examples: Combustible Gas Indicator, Photo-Ionization Detector, Disposable Camera, Utility Vehicle, Site Survey

Instruments/Equipment, and Manifests. For Products and Services billed by the day, a Reasonable Quantity shall not exceed one per day of excavation, backfilling or removal and return of clean overburden.

Section 732.830:
Drum Disposal Services

These products and services are listed in Section 1.5 of Appendix E

Scope of Services:

Solid waste drum disposal services include all labor, equipment, materials, supplies and subcontractors typically necessary to purchase, transport and dispose of 55 gallon drums containing non-hazardous solid waste generated during corrective action activities.

Liquid waste drum disposal services include all labor, equipment, materials, supplies and subcontractors typically necessary to purchase, transport and dispose of 55 gallon drums containing non-hazardous liquid waste generated during corrective action activities.

Billing Method & Unit of Measure:

Pursuant to Section 1.5 of Appendix E, the Billing Methods for these services are Unit Rate and lump sum. The Units of Measure for drum disposal services provided in Section 1.5 of Appendix E are "Drum" and "Each".

Reasonable Quantity Guidance:

Drum disposal services will generally be rendered in association with Tasks 732.202(a,b), 732.202(f)(1,2, 4), 732.203(e), 732.203(a)(1), 732.307(c), 732.307(d), 732.404(e), 732.404(a), 732.407(c).

A quantity of one (1) for each 55 gallon drum of solid or liquid waste that is required to be disposed of pursuant to the provisions of the Act shall be considered to be reasonable. A maximum quantity of one (1) for each drum disposal event shall be considered reasonable for each drum disposal minimum billing. Each solid and/or liquid waste drum disposal event may be billed per drum or per minimum billing but not both.

Professional oversight of these field services is not necessary.

Section 732.835: Concrete, Asphalt & Paving Services

These products and services are listed in Section 1.6 of Appendix E

Scope of Services:

Concrete and asphalt paving services include all labor, equipment, materials and supplies typically necessary to install concrete or asphalt as an engineered barrier or replacement material as appropriate. Concrete is assumed to be a five bag mix without reinforcement and asphalt is assumed to be equivalent to a Class I Type 2 grade.

Billing Method & Unit of Measure:

Pursuant to Section 1.6 of Appendix E, the Billing Method for these services is Unit Rate. The Unit of Measure for Concrete, Asphalt & Paving Services provide in Section 1.6 of Appendix E is "Square Foot".

Reasonable Quantity Guidance:

Concrete, asphalt paving services will generally be rendered in association with Tasks 732.203(a)(1), 732.203(e), 732.404(a), 732.407(c).

The number of units equal to the area of the damaged paved surface as a result of corrective action activities shall be presumed reasonable as it pertains to replacement concrete or asphalt. A reasonable quantity of concrete or asphalt installed as an engineered barrier shall be the area covered by the engineered barrier and approved by the Agency.

Professional oversight of these field services is appropriate and shall be billed on a time and material basis pursuant section 732.845. An environmental professional should be on site at all times during concrete or asphalt replacement services. The hours necessary for the environmental professional to travel from his or her office to and from the job site prior and subsequent to asphalt and paving services is reasonable as are associated per diems, lodging and travel costs. These services would be expected to be overseen in the field by a Professional Engineer, Professional Geologist, Engineer, Technician or Project Manger.

Instrumentation and equipment that would typically be expected to be associated with this professional oversight include the following example: Site Survey Instrumentation/Equipment. For Products and Services billed by the day, a Reasonable Quantity shall not exceed one per day of paving material placement.

Section 732.840: Analytical & Testing Services

These products and services are listed in Section 2 of Appendix E

Scope of Services:

Analytical and Testing Services include all labor, equipment, materials and supplies typically necessary to transport, deliver, prepare and analyze samples and report the results subject to the appropriate analytical methods.

Billing Method & Unit of Measure:

Pursuant to Section 2 of Appendix E, the Billing Method for these services is Unit Rate. The Units of Measure for Analytical and Testing Services provided in Section 1.1 of Appendix E are "Each" and "Day".

Reasonable Quantity Guidance:

Analytical and Testing Services will generally be rendered in association with Tasks 732.202(a,b), 732.203(h), 732.203(e)(1), 732.307(c), 732.307(d), 732.404(a), 732.407(c).

A reasonable quantity of sample analysis shall be equal to the minimum number of samples required by the Agency in order to meet the requirements of this Part.

Professional oversight of these field services is not necessary. Professional Consulting Services necessary to collect samples is addressed in Section 732.845.

Section 732.845: Professional Consulting Services

These products and services are listed in Section 3 of Appendix E

Scope of Services:

Professional products and services include all labor, equipment, materials, supplies and subcontractors necessary and associated with the design, oversight, analysis, management, administration and documentation of investigative and remedial activities during a corrective action project as well as the professional consulting and associated services necessary to perform all Agency required planning, budgeting, certification, reporting and correspondence. Professional consulting services also include all necessary services and costs associated with requesting payment from the Fund.

Billing Method & Unit of Measure:

Pursuant to Sections 3.1, 3.2 and 3.3 of Appendix E, the Billing Method for these services is "Time and Materials". The Units of Measure for Professional Consulting related charges which may consist of Professional Consulting Labor, Professional Consulting Equipment & Instrumentation and Professional Consulting Materials & Supplies are found in Sections 3.1, 3.2, and 3.3 respectively of Appendix E.

Reasonable Quantity Guidance:

Professional Consulting Services are anticipated to be provided in relation to each of the Tasks specified in Appendix D.

For Professional Consulting Services listed in Section 3.1 of Appendix E the total number of hours for all listed labor classifications, including personnel performing field oversight, shall be aggregated and the Agency shall presume that any quantity of total hours that is equal to or less than those listed below shall be reasonable on a per phase of work basis provided that each hour is documented as being performed and the Task and the work activity are justified as necessary to meet the minimum requirements of the Act or this Part.



<u>Early Action</u>	<u>220</u>
<u>Site Investigation</u>	<u>460</u>
<u>Corrective Action</u>	<u>560</u>

