

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY
FORM R CATEGORY Z – RESIDUAL TRANSFER FACILITIES**

**Refer to Appropriate Completeness Checklist and Instructions and N.J.A.C. 7:14A-20.
Provide All Applicable Information. Please Print or Type. Attach additional sheets if necessary.
If you need assistance in completing Form R, contact the Bureau of Pretreatment and Residuals at (609) 633-3823.**

SUPPLEMENTAL APPLICATION FORM TO NJPDES-1 FOR NJPDES RESIDUAL PERMITS

PART A: GENERAL INFORMATION

A1. Screening Information

Does/will the facility:

- Have a total on-site residual storage capacity exceeding 50,000 gallons? Yes No
- Accept dewatered sewage sludge? Yes No
- Perform any treatment (including dewatering)? Yes No
- Store and transfer industrial residuals? Yes No

If you answered “No” to all of these questions, stop here and contact the Bureau of Pretreatment and Residuals at (609) 633-3823 for guidance. You may be eligible for coverage under a General Permit.

A2. Facility Contact and Location Information

- a. Name of Facility: _____
- b. Facility Contact: Name: _____
Title: _____ E-Mail: _____
Phone #: _____ Cell #: _____
- c. Facility Location: Street or Route #: _____
County: _____
City or town: _____ State: _____ Zip: _____
- d. Facility Mailing: Street or Route #: _____
City or town: _____ State: _____ Zip: _____
- e. Are any residual related operational or maintenance aspects of this facility the responsibility of a contractor? Yes No

If “Yes,” provide the following for each contractor (attach additional pages if necessary).

- Name: _____
- Street or P.O. Box: _____
- City or Town: _____
- Phone Number: _____ Email: _____

Responsibilities of contractor:

PART B: ENVIRONMENTAL ASSESSMENT

All applicants for an Individual Permit for a residual transfer facility must submit an environmental assessment (EA) for the location where residual will be transferred or stored. The magnitude and detail of the EA shall be determined by the Department and shall be relative to the nature, scale and location of the proposed facility. Where the permitted activity shall not require the construction of additional infrastructure the Department shall waive this requirement. At a minimum, the EA shall conform to the EA requirements of the Department's applicable NJPDES Permit Technical Manual in effect at the time of submission and shall address the following requirements:

B1. Environmental Impact Evaluation

At a minimum, provide an analysis of the impact that the proposed operation will have on each of the following (refer to Section 2 of the Bureau of Pretreatment and Residuals Technical Manual for an explanation of each bulleted item):

- Local transportation patterns;
- Drainage and soil characteristics;
- Surface and ground water quality;
- Endangered or threatened wildlife and vegetation;
- Storm water and wastewater collection/treatment capability;
- Water supply capability;
- Ambient acoustical conditions; and
- Air quality

B2. Local Land Use Evaluation

Attach a description of how the proposed operation will conform or conflict with the objectives of any applicable Federal, State, or local land use and/or environmental requirements for areas within two miles of the perimeter of a proposed large facility (residual production equal to or greater than 15,000 metric tons per 365 day period), or within one mile of the perimeter of a proposed small facility (residual production less than 15,000 metric tons per 365 day period). At a minimum the following areas must be identified and evaluated:

- Floodway and flood fringe areas of the flood hazard areas as identified by the Department pursuant to State Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq., or areas identified under flood insurance studies prepared by the Federal Emergency Management Agency (FEMA);
- Areas designated as wild, scenic, recreational or developed recreational rivers pursuant to the Natural Wild and Scenic Rivers Act, 16 U.S.C.A. 1271 or the New Jersey Wild and Scenic River Act, N.J.S.A. 13:8-45;
- Critical habitat of endangered or threatened species of plants, fish or wildlife as defined by the Federal Endangered Species Act of 1973, P.L. 93-205, or the New Jersey Endangered and Non-game Species Conservation Act, N.J.S.A. 23:2A-1 et seq.;

B2. Local Land Use Evaluation (cont.)

- Wetlands, tidelands and coastal zone areas identified by the Department pursuant to the Wetlands and Coastal Resource and Development Policies, N.J.A.C. 7:7E and as identified on the U.S. Fish and Wildlife Services National Wetlands Inventory Maps;
- The Preservation and Protection Areas established by N.J.S.A. 13:18A-11 of the Pinelands Protection Act;
- Lands that have been duly certified by the State Agriculture Development Committee as agriculture development areas pursuant to the Agricultural Retention and Development Act, N.J.S.A. 4:1C-11 et seq;
- Watershed areas for water classified by the Department as FW-1 waters or FW-2 Trout Production Waters pursuant to the Surface Water Quality Standards, N.J.A.C. 7:9-4;
- Areas over a sole source aquifer designated pursuant to Section 1424(e) of the Safe Drinking Water Act of 1974, P.L. 93-523;
- Areas within the critical supply areas as defined by the Water Supply Management Act, N.J.S.A. 58:1A-1 et seq.;
- Areas which will encroach upon, damage or destroy any area, site, structure or object included in the National or State register of Historic Places established by N.J.S.A. 13:1B-15.128;
- Areas within 10,000 feet of any airport runway which is equal to or greater than 3,000 feet in length or within 5,000 feet of any airport runway which is less than 3,000 feet in length;
- Areas dedicated to recreational or open space use including, but not limited to, national parks, national recreation areas, national forests, national wildlife refuges, state wildlife management areas, state parks, state forests, state designated natural areas and county or local parks, wildlife sanctuaries and recreational facilities.
- Areas within the Highlands Preservation Area established by N.J.S.A. 13:20-1 et seq.

Where a potential conflict with the objectives of land use and/or environmental requirements is identified above, a description of the mitigation efforts to be undertaken to minimize any such conflict must be provided as part of the environmental assessment

PART C: Transfer Facility Site Information**C1. Site Information**

- a. Identify the type of zoning for the facility from among the following:

Residential Industrial
 Commercial Other (Specify: _____)

- b. Is the facility located within the Pinelands Area (designated as such by Section 10(a) of the Pinelands Protection Act)? Yes (proceed to b.1) No (skip to c.)

1. If “Yes,” submit either a:

Certificate of Filing (COF) for the activity issued by the Pinelands Commission
or
 A written determination from the Pinelands Commission that a COF is not required

Questions regarding Pinelands applicability shall be directed to the Pinelands Commission at (609) 894-7300. Further information may be obtained at www.state.nj.us/pinelands/

- c. Is the facility located within the Highlands Preservation Area (a map of the area may be viewed at www.nj.gov/dep/highlands/highlands_map.pdf)? Yes (proceed to c.1) No (skip to d.)

1. If “Yes,” and the facility is proposing “development” as defined by N.J.A.C. 7:38, submit a Highlands Applicability Determination from the Division of Watershed Management - Bureau of Watershed Regulation for the facility.

Questions regarding Highlands applicability shall be directed to the Bureau of Watershed Regulation at (609) 984-6888. Further information may be obtained at www.nj.gov/dep/highlands/

- d. Attach an original or clear copy of a 1:24,000 scale (7.5 minute Quadrangle) United States Geological Survey Topographic Map showing the exact location of the facility and indicating the sheet name from which the map portion was taken.
- e. Attach an original or clear copy of the municipal tax map showing the location of the facility and indicating the sheet name from which the map portion was taken.
- f. Attach a clear copy of an aerial photograph depicting the boundaries of the facility and the location of all residual storage units and associated appurtenances.

Aerial photos may be obtained by using NJDEP’s interactive mapping tool at www.nj.gov/dep/gis/newmapping.htm

- g. Attach an up-to-date, detailed site plan map, prepared, signed and sealed by a licensed professional engineer or other professional qualified in accordance with the State Board of Professional Engineers and Land Surveyors rules, *N.J.A.C. 13:40*, which identifies (plots) the placement of all equipment, buildings, activities and areas related to the receipt, storage, processing and transferring of all residuals.

C1. Site Information (cont.)

- h. Facilities shall be designed with a system capable of collecting, storing, treating and disposing of wastewater generated during normal operations, including the wash-out and cleaning of equipment, trucks and floors, in compliance with the applicable rules regarding wastewater and stormwater management at N.J.A.C. 7:14A. Attach a copy of all required wastewater and stormwater permits associated with the proposed activity or proof that such permits have been applied for.
- i. Facilities and all appurtenances, including all vehicles while onsite, shall be designed, positioned and buffered in such a manner that the sound levels generated by the operation shall not exceed limits established pursuant to the Noise Control Regulations at N.J.A.C. 7:29.

C2. Residual Amount Generated On Site

- a. Are any residuals generated on-site?
 Yes No
- b. If “Yes,” what is the volume and type of residual and/or grit and screenings generated on-site:
Sewage sludge (dry metric tons per 365-day period): _____
Other (describe _____) (dry metric tons per 365-day period): _____

C3. Liquid Residual Storage

- a. Attach a detailed description of each liquid residual storage area (including temporary receiving areas). Each area shall be delineated on the site plan map required in C1.g above. Provide a narrative description of each design of the residual storage structure and whether it conforms to the requirements of N.J.A.C. 7:14A-23.32. For each structure used to store residual, complete applicable sections of C4 and C5, below.
- b. Describe the method intended to prevent air contamination (including, but not limited to, particulates or odors) associated with all phases of residual transfer, treatment and storage. Attach a copy of all required air pollution control permits associated with the proposed activity or proof that such permits have been applied for.

- c. How long will liquid residuals be stored on-site prior to ultimate management?
Average operation: _____ days
Peak operation: _____ days

C4. Liquid Residual Storage Tank Form

Complete this page for each residual storage tank. Make additional copies as necessary.

Facility Tank ID/Name: _____

a. Is the residual storage tank: Proposed (proceed to a.1) Existing (skip to a.2)

1. Proposed Tank

A Treatment Works Approval (TWA) may be required pursuant to N.J.A.C. 7:14A-22 and 23. Submit either a copy of an application for a TWA, or a written determination from the TWA Program that a TWA is not required. Questions regarding TWAs shall be directed to the Bureau of Financing and Construction Permits at (609) 984-6840. Further information may be obtained via the TWA web page at www.state.nj.us/dep/dwq/twa.htm.

2. Existing Tank

- i. What year was it installed _____
- ii. Was a TWA obtained? Yes No
- iii. If "Yes," provide TWA # _____
- iv. If "No," section C.5 must also be completed

b. Is the residual storage tank: Above Ground In Ground

c. What is the capacity in gallons? _____

d. For tanks, does/will this tank store:

- 1. Only Domestic Septage Yes No
- 2. Only Liquid Sewage Sludge Yes No
- 3. Only Liquid Industrial Sludge Yes No
- 4. Only Grease Yes No
- 5. Combination of above residuals Yes No
 - i. If "Yes," are they commingled? Yes No

Commingling residuals may limit your management alternatives. Transfer station permits require the ultimate management site to be notified of the entire contents of all loads.

e. Describe the location(s) where residuals are added and removed from the tank, the procedure(s) for adding and removing residuals from the tank, and the procedure(s) to guard against spillage:

f. Provide a description of the tanks working high level indicator and alarm to prevent overfilling:

C5. Engineer's Certification of Proper Design for Liquid Residual Storage Tanks

Complete this section for each storage tank that does not have a TWA. This page shall bear the signature and raised seal of a New Jersey Licensed Professional Engineer. Make additional copies as necessary.

Facility Structure ID/Name: _____

An inspection of the above referenced residuals storage structure was conducted on _____ (date). The tank and appurtenances have been inspected for:

1. Leakage (more than 0.05 gallons/hour) from the tank, piping, vacuum hose connections, etc.
2. Bursting potential of tank.
3. Mixing equipment, aeration equipment, venting and alarm performance.
4. Odor control.
5. Overflow control and alarm panel performance.
6. Spill control and maintenance.
7. Corrosion, splits, and perforations to tank, piping and vacuum hoses for residual transfer.
- 8.
- 9.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (N.J.A.C. 7:14A 4.9(d)).

Name (print): _____ Seal:

Signature: _____ Date: _____

C6. Dewatered Residual Storage

- a. Attach a detailed description of each dewatered residual storage area (including temporary receiving areas). Each area shall be delineated on the site plan map required in C1.g above. Provide a narrative description of each design of the residual storage structure and whether it conforms to the requirements of N.J.A.C. 7:14A-23.32. For each structure used to store dewatered residual provide an interior floor plan showing the layout of unloading, storage and loading areas, and complete applicable sections of C7 and C8, below.
- b. Dewatered residuals (cake) storage and transfer areas shall be enclosed and vented and shall be in compliance with the Department's Air Pollution Control rules at N.J.A.C. 7:27. Describe the method intended to prevent air contamination (including, but not limited to, particulates or odors) associated with all phases of residual transfer, treatment and storage. Attach a copy of all required air pollution control permits associated with the proposed activity or proof that such permits have been applied for.
- c. Facilities shall be designed with facility processing, tipping, loading, and storage areas located within the confines of an enclosed building.
- d. Facilities shall be designed with sufficient internal storage areas for incoming dewatered residuals to ensure an environmentally sound operation and for proper processing of the maximum permitted daily incoming waste loading.
- e. How long will dewatered residuals be stored on-site prior to ultimate management?

Average operation: _____ days

Peak operation: _____ days

C7. Dewatered Residual Storage Form

Complete this page for each residual storage structure. Make additional copies as necessary.

Facility Structure ID/Name: _____

a. Is the residual storage structure: Proposed (proceed to a.1) Existing (skip to a.2)

1. Proposed Structure

A Treatment Works Approval (TWA) may be required pursuant to N.J.A.C. 7:14A-22 and 23. Submit either a copy of an application for a TWA, or a written determination from the TWA Program that a TWA is not required. Questions regarding TWAs shall be directed to the Bureau of Financing and Construction Permits at (609) 984-6840. Further information may be obtained via the TWA web page at www.state.nj.us/dep/dwq/twa.htm.

2. Existing Structure

- i. What year was it installed _____
- ii. Was a TWA obtained? Yes No
- iii. If "Yes," provide TWA # _____
- iv. If "No," section C.7 must also be completed

b. What is the residual storage capacity in cubic yards? _____

c. Describe the method of delivery of dewatered residuals into the cake storage structure and the method of loading out stored cake for off-site disposal.

d. Describe method of enclosure for all dewatered residual transfer and storage systems

e. Describe how the cake storage structure is designed and operated to prevent air pollution (including nuisance odors) and stormwater contamination both related to the operation of the structure and the ingress and egress of trucks and containers.

C8. Engineer's Certification of Proper Design for Cake Storage Structure

Complete this section for each storage structure that does not have a TWA. This page shall bear the signature and raised seal of a New Jersey Licensed Professional Engineer. Make additional copies as necessary.

Facility Residual Transfer/Storage Structure ID/Name: _____

An inspection of the above referenced Transfer/Storage Structure was conducted on _____ (date). The Transfer/Storage Structure and appurtenances have been inspected for:

1. Leakage (more than 0.05 gallons/hour) from the building, from any doors or piping, vacuum hose connections, etc.
2. Structural integrity of Transfer/Storage Structure.
3. Dewatered Residual transferring equipment and Structure components (doors, drain pipes, etc.).
4. Odor control.
5. Evidence of off-site tracking of Residuals. All residuals shall remain in transfer/storage building unless in covered/enclosed transport unit.
7. Corrosion, splits, and damage to the building or floor surfaces, from any doors or piping, vacuum hose connections, etc..
- 8.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (N.J.A.C. 7:14A 4.9(d)).

Name (print): _____ Seal: _____

Signature: _____ Date: _____

PART D: Additional Residuals Information (Treatment and Process)**D1. Process and Product Information – Complete if Applicable**

- a. Does your Transfer Facility have dewatering capability? Yes No
- b. Does your Transfer Facility have treatment capability? Yes No

If you answered “Yes” to either question complete the remainder of Part D, below.

D2. Dewatering and Treatment Information

- a. Attach a descriptive statement of the processes used and operation of the proposed facility.
1. Describe the purpose of treatment (i.e. stabilization to meet receiving site standards; odor control)
 2. Provide a description and detailed specifications of all process steps (including but not limited to residual delivery, dewatering, storage, mixing and/or treatment) and the related equipment, pollution control systems, instrumentation and monitoring mechanisms.
 3. Identify the mix ratio of any additives to residual.
 4. Attach a description of all process additives, including quantity required, source, trade names, and chemical analysis where available.
- b. Describe the method intended to prevent air contamination (including, but not limited to, particulates or odors) associated with dewatering and/or treatment. Attach a copy of all required air pollution control permits associated with the proposed activity.
- c. If not already included on the site plan map required in C1.g, above, attach here a detailed line drawing of residual flow through the facility that identifies all units where residual is dewatered or treated listing all residual treatment units, including all processes used for collecting, dewatering, storing, or treating residual, and the destination(s) of all liquids and solids leaving each unit (include the point where any chemicals are added and the type of chemical that is added).
- d. A Treatment Works Approval (TWA) may be required for treatment and dewatering equipment pursuant to N.J.A.C. 7:14A-22 and 23. Submit either a copy of an application for a TWA, or a written determination from the TWA Program that a TWA is not required. Questions regarding TWAs shall be directed to the Bureau of Financing and Construction Permits at (609) 984-6840. Further information may be obtained via the TWA web page at www.state.nj.us/dep/dwq/twa.htm.

PART E. Customer Residual Information

E1. Types of Residual Received from Off Site

a. Please indicate if your facility receives, or will receive, the following types of residuals from another facility for treatment, use, or disposal.

- | | | |
|-----------------------------|--|--|
| Liquid Sewage Sludge | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in gallons/day: _____ |
| Dewatered Sewage Sludge | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in tons or yd ³ /day: _____ |
| Domestic Septage | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in gallons/day: _____ |
| Grease | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in gallons/day: _____ |
| Liquid Industrial Sludge | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in gallons/day: _____ |
| Dewatered Industrial Sludge | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in tons or yd ³ /day: _____ |
| Other (Liquid): _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in gallons/day: _____ |
| Other (Dewatered): _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No | Maximum in tons or yd ³ /day: _____ |

b. Describe here and indicate on the site plan map required in C1.g above the location(s) where customer residuals are added (attach additional pages if necessary).

- c. Provide the proposed design capacity of the facility in terms of gallons, wet tons and/or cubic yards per day to be received, processed and transferred at the facility;
- d. Provide the design capacity of the facility that details the maximum amount of residual that will be received, processed and transferred in dry metric tons per day.
- e. Describe system that ensures that all containers, both delivering to and removed from the facility, are covered.
- f. Provide a waste inspection plan, which shall include a program for detecting and preventing the disposal of all unauthorized waste types. This program shall include, at a minimum, but not be limited to, the following:
1. Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain unauthorized waste types;
 2. Records of any inspections;
 3. Training of facility personnel to recognize any unauthorized waste types; and
 4. Notification procedures to report to the Department any discovery of any unauthorized waste.

E2. Customers Known at the Time of Permit Application

- a. Provide the following information for each facility from which residual is received that is known at the time of permit application. If you receive, or will receive, residual from more than one facility, attach additional pages as necessary.

1. Facility Name: _____

2. Contact Person: _____ Phone #: _____

3. Mailing Address: _____

4. Facility Address: _____

5. Total dry metric tons per 365-day period received from this facility: _____

- b. Provide either a dated analysis of each residual on a mg/kg dry weight basis (or other unit as specified), at a minimum, for the following constituents; or a New Jersey NJPDES Permit No. where this data can be found:

Ammonia-Nitrogen	Nitrate-Nitrogen	Total Kjeldahl Nitrogen
Phosphorus	Potassium	Total Solids (% by weight)
Arsenic	Cadmium	Calcium
Copper	Lead	Mercury
Molybdenum	Nickel	Selenium
Zinc	pH (standard units)	

Note: All monitoring shall be performed by a laboratory certified by the Department for the analysis of those specific parameters in accordance with N.J.A.C. 7:18.

- c. For each residual generated at an industrial treatment works, attach a description of all industrial processes which generate residual proposed to be introduced into the process, including a listing of all raw materials undergoing processing, and all physical and/or chemical additives introduced.
- d. Attach a 12-month summary of the most recent Sludge Quality Assurance Regulation (SQAR, N.J.A.C. 7:14C) data for each residual unless such data has already been submitted by the generator under SQAR.
- e. Additional quality analyses (including characteristics pursuant to N.J.A.C. 7:26G) may be required by the Department after evaluation of past SQAR reports or other relevant information, such as information on industrial discharges which might contribute constituents not normally evaluated under the SQAR program or which may exceed levels identified in USEPA's Technical Support Document for Land Application of Sewage Sludge, EPA 822/R-93-001a and 001b, November 1992.

PART F. Transportation Information

- a. Describe here, in general and for each residual identified in E2.a above, the method for transporting residual from the site of generation to the transfer facility and from the transfer facility to the ultimate management site(s). In addition, attach a map of transportation routes to be used. Information already presented pursuant to B1 above (Local transportation patterns) may be used to satisfy this requirement.

PART G. Residuals Sampling Plan

A residuals sampling plan shall be developed and maintained that details all measurements, sampling and analytical procedures. The plan shall be commensurate with the type of residuals received and the ultimate residual management site(s) proposed. The plan shall include, but not be limited to the following:

- a. Describe all intended sampling location(s) and the rationale for choosing such location(s). Residual samples shall be collected at locations representative of the quality of residual immediately prior to use or disposal.
- b. Describe the sampling equipment to be used (sampling device, container type and size, and container cover).
- c. Describe the procedure to be used for cleaning/decontamination of sample containers and sampling equipment (See *New Jersey Sludge Sampling and Analytical Guidance Document*, Chapter 4).
- d. Describe in detail the procedure to be used for collecting the sample(s) to ensure the sample obtained for analysis is representative of the residual removed for use or disposal, include a schedule for days and times of sample collection, the procedures to be used to obtain a representative sample from the chosen sampling point, and the procedures to be used to mix composite samples (See *New Jersey Sludge Sampling and Analytical Guidance Document*, Appendix E).
- e. Describe the sampling method(s) (that is, Grab v. Composite), the number of samples to be taken per sampling event and the interval between grabs (include sample size by weight or volume.), and the frequency of the sampling event(s). (Note, different parameters or groups of parameters may require different sampling methods and/or locations.).
- f. Provide the name of the person who will take the sample(s) and his/her qualifications.
- g. Provide the name and address of all laboratories to be employed, including sub-contracting laboratories (if multiple laboratories, indicate which groups of parameters each laboratory is responsible for).
- h. Describe the post-collection sample handling procedures employed to maintain sample integrity. This description should explain how the samples will be preserved and transported, how the holding times will be met, and whether a chain-of-custody is required (See *New Jersey Sludge Sampling and Analytical Guidance Document*, Appendix E).
- i. Describe sample documentation procedures, specifically, describe those elements to be included in a field logbook (see *New Jersey Sludge Sampling and Analytical Guidance Document*, Appendix F).

- j. Describe how the following elements of the sampling event will be reported to the certified laboratory:
- Chemicals added during sludge processing (alum, ferric chloride, lime, organic polymer etc.)
 - Analytical methods (see below)
 - Treatment process conditions or deviations
- k. Provide a description of record-keeping procedures. The description should explain what information will be retained and for how long, and how the information will be stored.
- l. Provide the frequency of analysis and the analytical methods requested for the following parameters. Note, sample holding times are indicated for use with your certified laboratory (see *New Jersey Sludge Sampling and Analytical Guidance Document*, Appendix A, for additional information, including information on Target Reporting Levels):

PARAMETER	FREQUENCY OF ANALYSIS	ANALYTICAL METHOD	HOLDING TIME
Total Solids, (percent by weight)		SM Method 2540G	7 days
Arsenic, total			6 months
Beryllium, total			6 months
Cadmium, total			6 months
Calcium, total			6 months
Chromium, total			6 months
Copper, total			6 months
Lead, total			6 months
Mercury, total		SW-846 Method 7471	28 days
Molybdenum, total			6 months
Nickel, total			6 months
Nitrogen, Total Kjeldahl (TKN)			28 days
Nitrogen, Ammonia (NH ₃ -N)			28 days
Nitrogen, Nitrate (NO ₃ -N)		SW-846 Method 9056	48 hours
Phosphorous, total			28 days
Potassium, total			6 months
Selenium, total			6 months
Zinc, total			6 months
Radionuclides (pCi/g) ¹			6 months
Dioxins and PCBs ¹		EPA Method 1613 and EPA Method 1668	14 days

¹case by case – see the SQAR, Appendix, Table 1

PARAMETER	FREQUENCY OF ANALYSIS	ANALYTICAL METHOD	HOLDING TIME
Antimony, total			6 months
Silver, total			6 months
Thallium, total			6 months
Cyanide, total ²			14 days
Volatile Organic Compounds ³			14 days
Acid Extractable Compounds ⁴			14 days
Base Neutral Compounds ⁵			14 days
Pesticides and PCB's ⁶			14 days

²As required pursuant to the SQAR, Appendix, Table II

³As required pursuant to the SQAR, Appendix, Table III

⁴As required pursuant to the SQAR, Appendix, Table IV

⁵As required pursuant to the SQAR, Appendix, Table V

⁶As required pursuant to the SQAR, Appendix, Table VI

PART H: Certification

Read and submit the following certification statement with this application:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information.

Signature of Officer: _____

Name of Officer: _____
(type or print)

Official Title: _____

Telephone Number: (____) _____

Email Address: _____

Date Signed: _____