

*Village of Antioch*  
*874 Main Street, Antioch, IL 60002*  
**BID INVITATION ON SLUDGE HANDLING**

**Please return Bid to:** Village of Antioch  
Village Clerk  
874 Main Street  
Antioch, IL 60002

**Marked:** Sludge Removal Bid

**For information, call:** Jim Keim, 847-395-1000

**Bid Opening Date:** February 28, 2011, 2:00 P.M.

**Bid Duration:** 30 Days

**Bid must be firm for the duration of contract.**

**Exclusive of all local, state and federal taxes, the cost of sludge removal and disposal at dollars per cubic yard: \$\_\_\_\_\_.**

**The Village of Antioch reserves the right to accept or reject any or all bids.**

**Signed:** \_\_\_\_\_

**Name Printed:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Company:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Village of Antioch*  
*874 Main Street, Antioch, IL 60002*  
**VILLAGE OF ANTIOCH**  
**LAKE COUNTY, ILLINOIS**  
**NOTICE TO CONTRACTORS**

The Village of Antioch will receive sealed proposals at the Village Clerk's Office, 874 Main Street, Antioch, Illinois, 60002 until 2:00 P.M. on **February 28, 2011** for the following project:

Proposals shall be addressed to **Village Clerk** and clearly marked "**SLUDGE REMOVAL BID**"

Project: **SANITARY SEWER SLUDGE HAULING AND DISPOSAL**

Proposals will be publicly read aloud at Antioch Village Hall beginning at 2:00 P.M. on February 28, 2011. No bid shall be withdrawn after the opening of the proposals without the consent of the Village Administrator for a period of forty-five days after the scheduled time of the closing bids.

The right is reserved to reject any or all proposals, to waive technicalities, to postpone the bid opening, or to advertise for new proposals if in the judgment of the Village of Antioch, their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on the project as established by the United States Department of Labor. He shall also comply with all applicable Federal, State and local regulations.

## **SLUDGE REMOVAL – VILLAGE OF ANTIOCH, ILLINOIS**

### **GENERAL DESCRIPTION**

The Village of Antioch is seeking a licensed sludge hauling contractor to remove, transport and land apply dewatered (cake) digested CLASS B sludge in an environmentally safe manner.

### **PROJECT DURATION**

The duration of the project is from March 28, 2011 until March 28, 2012. The Village may, at its discretion, extend the agreement annually for an additional period of two years expiring on May 5, 2014.

The Village of Antioch reserves the right to cancel this contract in the event that the contractor does not provide services to maintain proper operation of Village facilities.

### **SLUDGE QUANTITY**

Estimated quantities of dewatered CLASS B sludge to be removed and land applied is approximately 2,500 cubic yards annually. However, the Village of Antioch reserves the right to decrease or increase the quantity of sludge actually removed from the treatment plant.

### **SCOPE OF WORK**

The contractor shall supply all equipment, materials, labor and fuel to load; transport and land apply the sludge by environmentally acceptable methods. The contractor shall be responsible to clean up any sludge that is spilled outside and within the treatment plant storage area, roadway, and parking lot should spills occur during the loading process. The contractor shall also be responsible to clean up any spills along public roadways during transport, and shall be responsible for any fines or legal fees associated with such spills.

In addition to the removal of sludge cake, the contractor may be requested to provide the services of sludge removal from the digesters, dewatering biological treatment units, and other sludge sources within the wastewater treatment plants. Any additional costs outside of trucking/hauling will be considered additional cost to the proposal.

### **WEIGHT/VOLUME ACCOUNTABILITY**

The Village of Antioch reserves the right to determine the method uses for sludge volume accountability with agreement by the contractor. The contractor shall cooperate fully with the Village of Antioch requests for inspection.

The contractor shall verify the quantity of sludge being removed with a Village representative prior to leaving the premises. A village representative has the right to inspect all loads leaving the treatment plant. The Village representative and the sludge hauler shall agree upon the estimated quantity.

### **LAND APPLICATION/SITE**

The contractor shall meet all land application guidelines as outlined in the Village of Antioch's Land Application Permit (attached). All State and Federal guidelines for the transport and land application of sewage sludge shall also be met.

The Village and the contractor shall meet daily prior to the removal, transport and application of sludge to review guidelines for complying with State and Federal regulations.

The Village reserves the right to have staff visit the disposal site to observe and document methods of sludge storage and/or application.

#### **NOTIFICATION TO CONTRACTOR FOR SLUDGE REMOVAL/APPLICATION**

Sludge removal by the contractor shall commence with twenty (20) calendar days after receiving verbal or written notification by the Village of Antioch to begin sludge hauling. Deviations from this twenty (20) day period due to weather conditions shall be allowed only with the Village of Antioch approval. The Village of Antioch reserves the right to employ an alternate contractor for a portion or all of the remaining contract period if this stipulation by the contractor is not met. Under this situation, no compensation will be due the contractor for work lost during the contract period.

#### **CONTRACTOR NOTIFICATION TO VILLAGE**

The contractor shall notify the Village of Antioch a minimum of 48 hours prior to moving equipment onto the site. The contractor shall proceed with the work expeditiously to insure its completion as rapidly as possible after starting. All applications shall be in accordance with the Village of Antioch ILLINOIS ENVIRONMENTAL PROTECTION AGENCY Land Application Permit (attached).

#### **TECHNICAL PROVISIONS**

All operations in the areas of sludge removal, transport, and disposal shall be in full accordance with provision of the Village of Antioch Land Application Permit (attached) as issued by the ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, as well as "Design Criteria for Sludge Application on Land", January 1, 1984, in 35 ILL. ADM. CODE: SUBTITLE C, CHAPTER II, PART 391, United States Environmental Protection Agency 40 CFR Part 503 or the most current regulatory requirements. The contact person from the Village of Antioch is Jason Treat, Wastewater Treatment Operator. All questions regarding the ILLINOIS ENVIRONMENTAL PROTECTION AGENCY permit shall be directed to Jason Treat. Land application of bio-solids shall be in accordance with all applicable federal, state and local regulations and with good agronomic management practices. All monitoring and reporting as required by the Illinois Environmental Protection Agency and United States Environmental Protection Agency as part of the land application program and United States Environmental Protection Agency 40 CFR Part 503 Regulations shall be performed, with copies provided to the Village of Antioch.

#### **APPLICATION SITES**

Obtaining appropriate application sites shall be the responsibility of the contractor. A minimum of five (5) working days prior to commencement of sludge removal operations, the contractor shall supply the Village of Antioch with information clearly identifying the location and naming the area(s) on a United States Geological Survey map that sludge will be disposed. The final disposal site(s) shall be used for agricultural purposes and shall be in compliance with all local, state and federal rules and regulations. The Village of Antioch reserves the right to disapprove any land application site based upon potential adverse public reaction or unusual circumstances.

#### **TRANSFER VEHICLE REQUIREMENTS**

The gross vehicle weight of any sludge transfer vehicle shall not exceed the Illinois legal weight limits of the tractor-trailer combination. The contractor shall also hold a valid Illinois Commerce Commission permit to haul wastewater sludge or use a subcontractor for hauling that passes certification. Trailers shall have sealed tailgates so as to not leak sludge during transport.

## **PERMITS, CERTIFICATES, LAWS AND ORDINANCES**

Prior to starting work, the contractor shall, at his own expense, procure all permits, certificates, and licenses required of the contractor by law for the execution of work. The contractor shall comply with all Federal, State, or local laws, ordinances, or rules and regulations relating to the performance of the work.

## **CONTRACTOR DOCUMENTATION**

The contractor shall supply the Village of Antioch, at a minimum, the following information required for ILLINOIS ENVIRONMENTAL PROTECTION AGENCY and UNITED STATES ENVIRONMENTAL PROTECTION AGENCY documentation.

### Sludge Removed and Transported

- Dates of activity
- Number of loads removed
- Cubic yards removed

### Sludge Application

- Application site
- Dates of activity
- Weather conditions
- Cubic yards applied on each date
- Tons/Acre
- Total field size (acres)
- Affected acres
- Crop to be grown
- Current cumulative loading to date
- Application and loading rates
- Certification statements as required by 503 Regulations

## **ADDITIONAL INFORMATION TO BE SUBMITTED BY THE CONTRACTORS**

The Village of Antioch shall require each prospective contractor to submit with the bid proposals the following information:

1. A certificate of other such documentation that the contractor has in effect performed similar sludge land application operations and has at least two years experience in the same. Also, a sheet shall be submitted with four references as indicated.
2. A complete list of all equipment, vehicles, and personnel that the contractor proposes to employ in the various phases of the work along with specific requirements thereof.
3. A copy of the contractor's sludge hauling license as issued by the Illinois Environmental Protection Agency.

## **INSURANCE REQUIREMENTS**

The successful bidder will be required to furnish certificates and policies of insurances and shall name the Village of Antioch and Baxter and Woodman as additional insured. The limits of the insurance shall be as follows:

**Worker's Compensation** – Statutory limits

**Employer's Liability** - \$500,000 each accident / \$500,000 disease / \$500,000 each employee disease

**Auto Liability** - \$1,000,000 each occurrence / \$2,000,000 aggregate

**Products and Completed Operations** - \$1,000,000 each occurrence / \$2,000,000 aggregate

**Bid and Performance Bond** - The successful Bidder will be required to furnish a Performance Bond and a Labor and Material Payment Bond in the amount of \$25,000 in a form acceptable to the Village.

**MATERIAL OR EQUIPMENT STORAGE SPACE PROVIDED**

The Village of Antioch shall, at locations determined by the Wastewater Treatment Operator, provide the contractor with storage space for the contractor's materials and/or equipment. The Village of Antioch accepts no responsibility for the equipment being stored.

**BASIS OF PAYMENT**

Payment shall be made to the contractor based on invoices after each individual removal project is completed. Payment will be on the basis of cubic yards for dewatered sludge.

**HOURS OF OPERATION**

Working hours for the Wastewater Treatment Plant are Monday through Friday, 7:00 A.M. to 2:30 P.M. The contractor may work outside of the working hours if verbal or written consent is given by the Village.

**SUSPENSION OF WORK**

The Village of Antioch reserves the right to suspend and reinstate execution of the whole or any part of the work without invalidating the provisions of the contract. Orders for suspension and reinstatement of work will be issued by the Village of Antioch in writing.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL PERMIT**

**LOG NUMBERS:** 1784-08

**PERMIT NO.:** 2009-SC-1784

**FINAL PLANS, SPECIFICATIONS, APPLICATION  
AND SUPPORTING DOCUMENTS**  
**PREPARED BY:** Village of Antioch

**DATE ISSUED:** February 10, 2009

**SUBJECT:** ANTIOCH-Land Application of Sewage Sludge

**PERMITTEE TO OPERATE**

Village of Antioch  
874 Main Street  
Antioch, Illinois 60002

Permit is hereby granted to the above designated permittee(s) to operate water pollution control facilities described as follows:

Application of approximately 500 dry tons per year of aerobically digested sewage sludge to agricultural lands at rates not to exceed the agronomic nitrogen demand of the crop grown.

This operating permit expires on January 31, 2014.

This permit renews and replaces Permit Number 2004-SC-0150 which was previously issued for the herein permitted facilities.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

**SPECIAL CONDITION 1:** Sludge applied to land under this permit shall not be applied to soils having a slope designation of E or greater.

**SPECIAL CONDITION 2:** Prior to the application of sludge to land under this permit, the permittee shall sample and analyze its sludge in accordance with Subpart E of Design Criteria for Sludge Application on Land. Application rates and metal loading shall be calculated based on this sludge analysis and the resultant data and calculations shall be submitted to this Agency.

**SPECIAL CONDITION 3:** For the duration of this permit, the permittee shall determine the quantity of sludge produced by the treatment facility in dry tons or gallons with a percent total solids analysis. The permittee shall maintain adequate records of the quantities of sludge produced and have said records available for Agency inspection. The permittee shall submit to the Agency a semi-annual summary report of the quantities of sludge generated and disposed (in units of dry tons) by different disposal methods including but not limited to application on farmland, application on reclamation land, landfilling, public distribution, dedicated land disposal, sod farms, storage lagoons or any other specified disposal method. Said reports shall be submitted to the Agency by January 31 and July 31 of each year reporting the preceding July through December and


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**THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.**

SAK:JCH:178408

**DIVISION OF WATER POLLUTION CONTROL**

cc: EPA - Des Plaines FOS  
Records  
Binds

  
Alan Keller, P.E.  
Manager, Permit Section

**READ ALL CONDITIONS CAREFULLY:  
STANDARD CONDITIONS**

The Illinois Environmental Protection Act (Illinois Revised Statutes Chapter 111-12, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:
  - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
  - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;
  - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;
  - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
  - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for suspension or revocation of a permit:
  - a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or
  - b. upon finding that any standard or special conditions have been violated; or
  - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.



**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL PERMIT**

**LOG NUMBERS:** 1784-08

**PERMIT NO.:** 2009-SC-1784

**FINAL PLANS, SPECIFICATIONS, APPLICATION  
AND SUPPORTING DOCUMENTS**  
**PREPARED BY:** Village of Antioch

**DATE ISSUED:** February 10, 2009

**SUBJECT:** ANTIOCH-Land Application of Sewage Sludge

January through June sludge disposal operations respectively. The permittee shall submit the semi-annual sludge management report to the following address:

Illinois Environmental Protection Agency  
Bureau of Water  
Compliance Assurance Section  
Mail Code #19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

**SPECIAL CONDITION 4:** For the duration of this permit, the permittee shall sample all different sludges being applied to land or publicly distributed on a quarterly basis and chemically analyze said samples in accordance with the recommended procedures contained in the latest edition of Standard Methods for the Examination of Water and Wastewater for the following parameters:

<u>Nutrients</u>	<u>Metals</u>	<u>Other</u>
Total Kjeldahl Nitrogen	Cadmium	pH
Ammonia Nitrogen	Copper	% TS
Phosphorus	Lead	% VS
Potassium	Manganese	
	Nickel	
	Zinc	

In addition to the above parameters, anaerobically digested sludge shall also be tested for volatile acids. The results of these analyses shall be submitted to this Agency on a quarterly basis. The permittee shall update the sludge application rate utilizing all sludge analyses obtained after the previous sludge application period.

**SPECIAL CONDITION 5:**

A. Sludge shall be applied to sites within the following guidelines:

1. Sludge shall not be applied to sites during precipitation.
2. Sludge shall not be applied to sites which are saturated or with ponded water.
3. Sludge shall not be applied to ice or snow covered sites.
4. Frozen land, which is not ice or snow covered and has a slope of 5% or less, may be used for land application of sludge provided a 200 foot grassy area exists between the sludge applied land and any surface water or potable water supply well.

B. It is not recommended that sludge be applied to sites:

1. When precipitation is imminent,

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STANDARD CONDITIONS**

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1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:
  - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
  - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;
  - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;
  - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
  - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for suspension or revocation of a permit:
  - a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or
  - b. upon finding that any standard or special conditions have been violated; or
  - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL PERMIT**

**LOG NUMBERS:** 1784-08

**PERMIT NO.:** 2009-SC-1784

**FINAL PLANS, SPECIFICATIONS, APPLICATION  
AND SUPPORTING DOCUMENTS**  
**PREPARED BY:** Village of Antioch

**DATE ISSUED:** February 10, 2009

**SUBJECT:** ANTIOCH-Land Application of Sewage Sludge

2. Which have received greater than 1/4 inch rainfall within the 24-hour period preceding the intended sludge application time.
- C. Sludge shall not be applied to land which lies within 200 feet from a community water supply well, potable water supply well, surface waters or intermittent streams or within one-fourth of a mile of any potable water supply wells located in consolidated bedrock such as limestone or sinkhole areas unless a 50 foot depth of non-sandy or non-gravelly unconsolidated material exists. In no case shall sludge be applied within 400 feet of a community water supply well deriving water from an unconfined shallow fractured or highly permeable bedrock formation or from an unconsolidated and unconfined sand and gravel formation.
- D. Sludge shall not be applied to sites during the periods in which the seasonal high water table rises within 3 feet of the surface at the site.
- E. Sludge shall only be applied to land with a background soil pH of 6.5 or greater unless lime or other suitable materials are applied to the site prior to sludge application to raise the soil pH to a minimum of 6.5.
- F. Sludge shall be applied and incorporated into the site soils within the following guidelines:
  1. Sludge may be surface applied without incorporation only if the site slope is less than 8% and the annual soil loss does not exceed 5 tons/acre as determined by the Universal Soil Loss Equation.
  2. Sludge shall be incorporated if:
    - A) Site slope exceeds 8% but the annual soil loss is less than 5 tons/acre, or
    - B) Site slope is less than 8% but the annual soil loss exceeds 5 ton/acre.
  3. Sludge shall not be applied to a site with slope greater than 8% with annual soil loss in excess of 5 ton/acre.
  4. Unless surface application is allowed pursuant to this condition, or otherwise specified in this permit, sludge shall be incorporated within 48 hours of application or prior to any rainfall whichever is more restrictive.
- G. Sludge amended land shall have a crop grown and harvested pursuant to normal agricultural practices.
- H. Sludge application shall not exceed the following maximum metal loading rates over the lifetime of a site (pounds per acre).
  1. Soils with 5-15 meq/100 grams Cation Exchange Capacity (CEC):

<u>Metal</u>	<u>Total Loading</u>	<u>Annual Loading</u>
Cadmium	10	2
Nickel	100	--
Copper	250	--
Zinc	500	--
Manganese	900	--
Lead	1000	--

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1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:
  - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
  - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;
  - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;
  - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
  - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for suspension or revocation of a permit:
  - a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or
  - b. upon finding that any standard or special conditions have been violated; or
  - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL PERMIT**

**LOG NUMBERS:** 1784-08

**PERMIT NO.:** 2009-SC-1784

**FINAL PLANS, SPECIFICATIONS, APPLICATION  
AND SUPPORTING DOCUMENTS**

**DATE ISSUED:** February 10, 2009

**PREPARED BY:** Village of Antioch

**SUBJECT:** ANTIOCH-Land Application of Sewage Sludge

2. Soils with 0-5 meq/100 grams CEC shall apply only half the metal loading rates set forth in item I(1) above.
3. Soils with 15 or greater meq/100 grams CEC may apply double the total metal loading rates set forth in item I(1) above, however a supplemental permit shall be required for that specific site.
- I. The delivery and application of sludge, and the choice of an application site, shall be made so as to minimize the emission of odors to nearby residents taking into account the direction of wind, humidity and day of the week.
- J. Sludge stored off the sewage treatment plant site shall be performed within the following guidelines:
  1. Off-site interim storage of liquid sludge shall not be allowed.
  2. Off-site interim storage of dried sludge in excess of 2 months shall not be allowed. In addition, measures shall be taken to contain runoff and leachate from any dried sludge that is stored.
- K. Users applying sludge to sites greater than 300 acres under common ownership or control or users of more than 1500 dry tons per year shall obtain a sludge user permit from this Agency unless the site is specifically identified in the permittee's application.
- L. User information sheets, in conformance with the Design Criteria for Sludge Application on Land (Title 35, Subtitle C, Chapter II, Part 391), shall be provided by the permittee to all sludge users and shall be signed by sludge users requesting more than 25 cubic yards. Records regarding sludge users shall be retained by the permittee for the duration of this permit and 2 years after the expiration date of this permit.

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STANDARD CONDITIONS**

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1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:
  - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
  - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;
  - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;
  - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
  - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for suspension or revocation of a permit:
  - a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or
  - b. upon finding that any standard or special conditions have been violated; or
  - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.