

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

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STATE OF ILLINOIS
Pollution Control Board

VILLAGE OF LAKE BARRINGTON,)
CUBA TOWNSHIP, PRAIRIE RIVERS)
NETWORK, SIERRA CLUB, BETH)
WENTZEL and CYNTHIA SKRUKRUD,)

Petitioners,)

v.)

ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY and)
VILLAGE OF WAUCONDA,)

Respondents.)

PCB 05-55
(Permit Appeal-NPDES)

SLOCUM LAKE DRAINAGE)
DISTRICT OF LAKE COUNTY,)
ILLINOIS,)

Petitioner,)

v.)

ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY and)
VILLAGE OF WAUCONDA,)

Respondents.)

PCB 05-58
(Permit Appeal-NPDES)

AL PHILLIPS, VERN MEYER, GAYLE DEMARCO,)
GABRIELLE MEYER, LISA O'DELL, JOAN LESLIE,)
MICHAEL DAVEY, NANCY DOBNER, MIKE POLITO,))
WILLIAMS PARK IMPROVEMENT ASSOCIATION,)
MAT SCHLUETER, MYLITH PARK LOT OWNERS)
ASSOC., DONALD KREBS, DON BERKSHIRE,)
JUDY BRUMME, TWIN POND FARMS)
HOMEOWNERS ASSOC., JULIA TUDOR,)
CHRISTINE DEVINEY,)

Petitioners,)

v.)

ILLINOIS ENVIRONMENTAL PROTECTION)
AGENCY and VILLAGE OF WAUCONDA,)

Respondents.)

PCB 05-59
(Permit Appeal-NPDES)

NOTICE OF FILING

TO: See Attached Certificate of Service

Please take notice that on January 10, 2005, I filed with the Illinois Pollution Control Board an original and nine copies of this Notice of Filing and attached Stipulation, which are hereby served upon you.

Dated: January 10, 2005



William D. Seith
Total Environmental Solutions, P.C.
631 E. Butterfield Rd., Suite 315
Lombard, IL 60148
630-969-3300

Rudolph Magna
Magna & Johnson
495 N. Riverside Dr., Suite 201
Gurnee, IL 60031
847-623-5277

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STIPULATION

Petitioners Village of Lake Barrington, Cuba Township, Prairie Rivers Network, Sierra Club, Beth Wentzel and Cynthia Skrukud (sometimes "Settling Petitioners"), and Respondent Village of Wauconda ("Wauconda"), have agreed to the making of this Stipulation and submit it to the Illinois Pollution Control Board ("Board") for consideration in the proceedings reviewing the Wauconda NPDES permit. The parties agree that the statement of facts contained herein represents a fair summary of the record currently under review by the Board and that would be presented by the parties if a hearing were held and that the permit modifications proposed are based on the record in the permit proceeding below and represent an environmentally responsible resolution of the issues raised in that proceeding. Wauconda agrees to be bound by the provisions agreed to in this Stipulation and agrees not to contest their validity in any subsequent proceeding to implement or enforce their terms. Wauconda further agrees to accept an NPDES permit in accordance with the provisions of the Intergovernmental Agreement.

I. JURISDICTION

The Board has jurisdiction of the subject matter herein and of the parties consenting hereto pursuant to the Illinois Environmental Protection Act ("Act"), 415 ILCS 5/1 *et seq.* (2004).

II. AUTHORIZATION

The undersigned representatives for each party certify that they are fully authorized by the party whom they represent to enter into the terms and conditions of this Stipulation and to legally bind them to it.

III. STATEMENT OF FACTS

A. Parties

1. On September 17, 2004, a Petition was filed by the Settling Petitioners pursuant to Section 40(e)(1) of the Act, 415 ILCS 5/40(e)(1) (2004), against the Illinois Environmental Protection Agency ("Illinois EPA") and Wauconda to review the August 23, 2004 decision of the Illinois EPA to issue a modified National Pollutant Discharge Elimination System ("NPDES") permit (Permit IL 0020109) to Wauconda (referred to herein as "the Modified Permit").

2. The Village of Lake Barrington ("Lake Barrington") is an Illinois Municipal Corporation and is located in Lake County. It borders Fiddle Creek on the north and is downstream of the Wauconda discharge.

3. Cuba Township is a township existing under the laws of the State of Illinois and is located in Lake County. Fiddle Creek runs through Cuba Township downstream of the Wauconda discharge.

4. Lake Barrington and Cuba Township (the "Governmental Petitioners") were significant participants in the public proceeding on the Wauconda permit and in subsequent comments. The Governmental Petitioners retained a technical expert to assist in their presentation and presented extensive technical documentation.

5. Prairie Rivers Network is an Illinois not-for-profit corporation concerned with river conservation and water quality issues in Illinois. Prairie Rivers Network members live in the Fiddle Creek and Fox River Watersheds.

6. Sierra Club is a California not-for-profit corporation, which has among its purposes to protect and restore the quality of the natural and human environment and submitted comments on the proposed permit.

7. Beth Wentzel is a member of and a watershed scientist with the Prairie Rivers Network and submitted comments on the proposed permit.

8. Cynthia Skrukrud is a member of the Sierra Club and a clean water advocate for that organization. She presented testimony for the record in this matter and submitted comments on the proposed permit.

9. Prairie Rivers Network, Sierra Club, Beth Wentzel and Cynthia Skrukrud (the "Environmental Group Petitioners") presented significant testimony for the record and in comments thereafter as to the technical issues raised by the Wauconda permit and their significance for environmental policy in Illinois.

10. The Illinois EPA is an administrative agency of the State of Illinois, created pursuant to Section 4 of the Act, 415 ILCS 5/4 (2004).

11. The Village of Wauconda is an Illinois Municipal Corporation and is located in Lake County.

B. Site Description and Permitting Process

1. Wauconda owns and operates a Wastewater Treatment Plant ("WWTP") pursuant to NPDES Permit IL 0020109. Wauconda's WWTP discharges to Fiddle Creek, tributary to the Fox River.

2. Pursuant to an application by Wauconda, on August 23, 2004, Illinois EPA modified Wauconda's NPDES Permit to allow upgrades, improvements and expansion of Wauconda's WWTP. Pursuant to the Modified Permit, Wauconda is permitted to increase the capacity of its WWTP in two stages. In Stage 1, the WWTP will be able to increase its throughput from 1.4 million gallons per day ("MGD") to 1.9 MGD. In Stage 2, the WWTP will be able to increase its throughput from 1.9 MGD to 2.4 MGD.

3. A public proceeding was held by the Illinois EPA on Wauconda's permit on September 9, 2003. The Governmental Petitioners and the Environmental Group Petitioners were significant participants in the public proceeding and in subsequent comment process.

C. Governmental and Environmental Group Petitioners Claims

At the public proceeding and in their comments to Illinois EPA, and in their petitions to the Board, the Governmental and Environmental Group Petitioners have raised legal and scientific issues regarding the draft permit including the following:

1. The permit allows discharges of phosphorus and nitrogen that cause, have reasonable potential to cause, or contribute to violations of the water quality standards regarding offensive conditions, 35 Ill. Adm. Code 302.203, in violation of 40 CFR 122.44(d) and 35 Ill. Adm. Code 309.141.
2. The permit allows discharges that may cause, have a reasonable potential to cause, or contribute to violations of state water quality standards regarding dissolved oxygen ("DO"), 35 Ill. Adm. Code 302.206, in violation of 40 CFR 122.44(d) and 35 Ill. Adm. Code 309.141.
3. The permit and the Illinois EPA assessments did not comply with Illinois antidegradation rules protecting the existing uses of the receiving waters. 35 Ill. Adm. Code 302.105(a).
4. The Illinois EPA assessment fails to include the analysis of alternatives required by 302.105(f).
5. Illinois EPA's antidegradation assessment was insufficient under 302.105(f) by failing to consider impacts to biological communities, increased loadings, or alternatives or by providing a showing of benefits which fully justify the project.

6. Illinois EPA's permit analysis, including its 2003 antidegradation assessment, fails to address the impact of the discharge on the Fox River, an impaired waterway.

7. Fiddle Creek should be considered an impaired waterway for nutrients, phosphorus and total nitrogen, and low DO and should be subject to federal requirements for such waters.

8. In light of the existing problems with Fiddle Creek and its wetlands and the Fox River, the pounds per day of TSS, BOD5, ammonia, and total nitrogen discharged by the WWTP should not be permitted to exceed the levels in the prior Wauconda permit, *i.e.* no net increase.

9. In light of the wetland impacts already experienced, Wauconda should be required to develop, with the concurrence of its wetland neighbors, a wetland management plan to maintain and restore the Fiddle Creek wetlands.

10. Plant and algal growth along Fiddle Creek, stimulated by excessive nutrients, has impeded the capacity of the creek during high flow conditions, causing flooding. Wauconda should be required to limit discharges, both loading and hydraulic, to reduce such impacts and should be required to contribute to the maintenance of such waterway.

11. The IEPA permit fails to require Wauconda to implement a pretreatment program for its industrial dischargers.

D. Wauconda's Position on Settling Petitioners Claims

Wauconda believes NPDES Permit IL 0020109 fully complies with both applicable federal and state law and was properly issued and modified by Illinois EPA. Nevertheless, Wauconda desires to resolve its dispute with respect to the Settling Petitioners' claims.

E. The Settlement Efforts

The Settling Petitioners and Wauconda have undertaken a lengthy settlement process to achieve a possible resolution of their dispute over the Wauconda permit. Technical experts have been consulted. A variety of public views have been solicited, environmental groups in addition to the Environmental Group Petitioners have been involved and a wide spectrum of public input has been obtained. Wauconda and the Settling Petitioners believe their process has led to a successful resolution of difficult community-based environmental problems. This process has resulted in the Intergovernmental Agreement described below.

IV. TERMS OF SETTLEMENT

A. Intergovernmental Agreement

1. On December 17, 2004, Lake Barrington, Cuba Township and Wauconda entered into an Intergovernmental Agreement ("IGA"), a copy of which is attached hereto as Attachment A and incorporated herein by reference thereto. Pursuant to the IGA, Wauconda has agreed, among other things, to increase the treatment efficiency of its WWTP during both the Phase 1 and Phase 2 construction, such that there will be no

net increase in the loads in Fiddle Creek of CBOD₅ and Suspended Solids, and Wauconda has also agreed in the IGA to seek a further modification of its NPDES Permit to implement these revised load limits. Wauconda has also agreed to install four groundwater monitoring wells and to periodically test both the wells and its effluent as specified in the IGA. Pursuant to the IGA, Wauconda has also agreed to design nitrate removal capabilities for the Phase 1 and Phase 2 expansion of its WWTP. Wauconda agrees to fully comply with the Modified Permit as issued by Illinois EPA and the additional requirements of the IGA.

2. Wauconda has also agreed to take certain additional actions, including the implementation of nitrate removal and the enhancement of Fiddle Creek, contingent on grant funding and dismissal of all permit appeals. The parties to the IGA will work together to secure the grant funding to support these efforts.

B. Enforceability of the Intergovernmental Agreement

By virtue of being signatories to this Stipulation, all of the Settling Petitioners shall have the authority to enforce the terms and conditions of IGA, whether or not they are signatories thereto.

C. Dismissal of PCB 05-55 and Action by the Board

1. In consideration of Wauconda's agreement to commitments contained in the IGA, upon the Pollution Control Board's acceptance and approval of the terms of this Stipulation or sooner, when and if so requested by Wauconda, the Settling Petitioners shall dismiss their petition in case number PCB 05-55 with prejudice.

2. Wauconda and the Settling Petitioners believe that this Stipulation and the IGA properly address all of the environmental issues raised by the permit and this Stipulation and the IGA constitute an environmentally responsible resolution of the issues raised in the permit proceedings below.

D. Correspondence, Reports and Other Documents

Any and all correspondence, reports and any other documents required under this Stipulation, shall be submitted as follows:

For Village of Lake Barrington:

Christopher Martin
Village Administrator
Village of Lake Barrington
23860 Old Barrington Rd.
Lake Barrington, IL 60010

Percy Angelo
Mayer, Brown, Rowe & Maw LLP
190 S. LaSalle St.
Chicago, IL 60603

James Bateman
600 Hart Road, Suite 260
Barrington, IL 60010

For Beth Wentzel:
809 S. 5th St.
Champaign, IL 61820

For Cynthia Skrukrud:
4209 W. Solon Rd.
Richmond, IL 60071

For Cuba Township:

Priscilla H. Rose
Town Clerk
Town of Cuba
28000 W. Cuba Rd.
Barrington, IL 60010

For Prairie Rivers Network:

Prairie Rivers Network
809 S. 5th St.
Champaign, IL 61820

For Sierra Club:

Sierra Club
200 N. Michigan Ave.
Suite 505
Chicago, IL 60601

For Village of Wauconda:

Daniel Quick
Village Administrator
101 N. Main Street
Wauconda, IL 60084

Rudolph Magna
Magna & Johnson
495 N. Riverside Drive
Suite 201
Gurnee, IL 60031

William D. Seith
Total Environmental Solutions, P.C.
631 E. Butterfield Rd.
Lombard, IL 60148

E. Modification of Stipulation

The parties may, by mutual written consent, agree to modify the terms of this Stipulation. A request for any modification shall be made in writing and submitted to the contact persons identified in Section VIII.D. Any such request shall be made by separate document, and shall not be submitted within any other report or submittal required by this Stipulation. Any such agreed modification shall be in writing, signed by authorized representatives of each party, and then accompany a joint motion to the Illinois Pollution Control Board seeking a modification of the prior order approving and accepting the Stipulation to approve and accept the Stipulation as amended.

F. Enforcement of Board Order

1. Upon the entry of the Board's Order approving and accepting this Stipulation, that Order is a binding and enforceable order of the Illinois Pollution Control Board and may be enforced by the Settling Petitioners as such through any and all available means.

2. Wauconda agrees that notice of any subsequent proceeding to enforce the Board Order approving and accepting this Stipulation may be made by mail and waives any requirement of service of process.

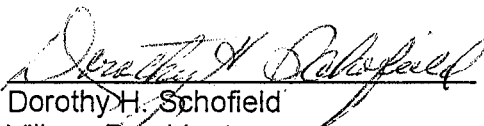
3. The parties agree that, if the Board does not approve and accept this Stipulation, then this Stipulation shall nonetheless remain in full force and effect as a binding Settlement Agreement among the parties hereto.

4. It is the intent of the Settling Petitioners and Wauconda that the provisions of this Stipulation and any Board Order accepting and approving such shall be severable, and should any provision be declared by a court of competent jurisdiction to be inconsistent with state or federal law, and therefore unenforceable, the remaining clauses shall remain in full force and effect.

5. This Stipulation may be executed in one or more counterparts, which counterparts, when affixed together, shall constitute one and the same document.

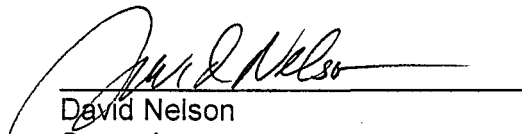
WHEREFORE, the foregoing Stipulation represents an environmentally responsible resolution of the issues raised in permit proceeding below and the Settling Petitioners and Wauconda request that the Board adopt and accept the foregoing Stipulation as written.

For Village of Lake Barrington:


Dorothy H. Schofield
Village President

Date: 1-4-05

For Cuba Township:


David Nelson
Supervisor

Date: 1-5-05

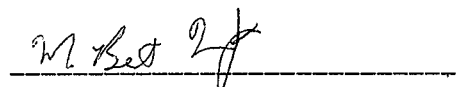
For Prairie Rivers Network:



Jean Flemma
Executive Director

Date: Jan 3, '05

Beth Wentzel:



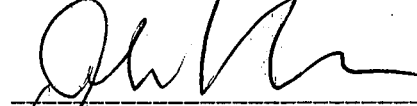
Date: 1/3/05

For Village of Wauconda:

James Eschenbauch
Village President

Date: _____

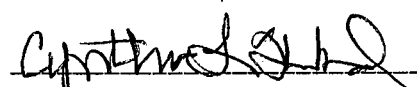
For Sierra Club:



John Darin
Director, Illinois Chapter

Date: 1/4/05

Cynthia Skrukud:



Date: 1/4/05

For Prairie Rivers Network:

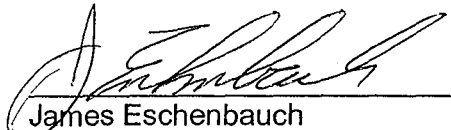
Jean Flemma
Executive Director

Date: _____

Beth Wentzel:

Date: _____

For Village of Wauconda:



James Eschenbauch
Village President

Date: 1-4-05

For Sierra Club:

John Darin
Director, Illinois Chapter

Date: _____

Cynthia Skrukud:

Date: _____

Attachment A

INTERGOVERNMENTAL AGREEMENT BETWEEN
THE VILLAGE OF LAKE BARRINGTON, THE VILLAGE OF WAUCONDA
AND THE TOWNSHIP OF CUBA RELATIVE TO FIDDLE CREEK

THIS INTERGOVERNMENTAL AGREEMENT (this "Agreement"), made and entered into this 17th day of December, 2004, pursuant to authority of the Illinois Constitution and State Statutes, by and between the Village of Wauconda, an Illinois Municipal Corporation (hereinafter referred to as "Wauconda"), the Village of Lake Barrington, an Illinois Municipal Corporation (hereinafter referred to as "Lake Barrington"), and the Township of Cuba (hereinafter referred to as the "Township"):

WITNESSETH:

WHEREAS, Article VII, Section 10, of the Constitution of the State of Illinois of 1970, provides that units of local government may contract or otherwise associate among themselves to exercise, combine, or transfer any power or function in any manner not prohibited by law or by ordinance and may use their credit, revenues, and other resources to pay costs related to intergovernmental activities and 5 ILCS 220/1 et seq. (1997) further authorizes Intergovernmental Cooperation; and

WHEREAS, the Village of Wauconda was issued on August 23, 2004 a National Pollutant Discharge Elimination System (hereinafter "NPDES") permit (the "Expansion NPDES permit") with the Illinois Environmental Protection Agency (hereinafter "IEPA") for the Wauconda Waste Water Treatment Plant (hereinafter "the Facility" or "the Wauconda WWTP") to discharge effluent into waters of the State of Illinois and to allow an increase in effluent volume to be discharged from the Facility into a heavily channelized drainage-way commonly known as Fiddle Creek (hereinafter "Fiddle Creek"), an intermittent receiving stream which is tributary to the Fox River; and

WHEREAS, Wauconda currently discharges to Fiddle Creek pursuant to NPDES Permit IL0020109, which allows it to discharge into Fiddle Creek at Anderson Road within Lake Barrington; and

WHEREAS, Fiddle Creek passes along the Northern corporate limits of and adjacent to residential areas within Lake Barrington and within the Township and is accessible to the Lakeland Estates and Twin Pond Farm residential subdivisions within Lake Barrington as well as Lake County Forest Preserve District property; and

WHEREAS, Wauconda, Lake Barrington, the Township and its residents are concerned that the discharge from the Facility be carefully treated, monitored and controlled so as to not adversely affect the health, sanitation, and welfare of the residents of Wauconda, Lake Barrington, the Township; and

WHEREAS, while there is disagreement among the parties as to the environmental impact this increase in pollutant loading and flow will have, Wauconda, Lake Barrington, and the Township have common goals of protecting and preserving the environment as well as being good neighbors; and

WHEREAS, Wauconda, Lake Barrington, and the Township also share the common goal that the Facility be improved, operated, and maintained in such a manner that its sewage treatment operations will represent a model for protection of environmentally sensitive areas; and

WHEREAS, the Parties hereto understand and agree that in order to make it feasible to provide certain additional water purification objectives and related improvements, funds for the design and construction thereof must be obtained from sources other than the general or special funds and accounts of the Parties; and

WHEREAS, it has been determined by the respective governing boards and/or corporate authorities of Wauconda, Lake Barrington, and the Township that this Agreement is in the best interests of each of said units of local government; and

WHEREAS, Wauconda, Lake Barrington, and the Township have by appropriate action of their respective governing boards and/or corporate authorities, authorized the execution and delivery of this Agreement.

NOW, THEREFORE, upon the consideration of the mutual promises contained herein and upon the recitals hereinabove set forth, it is hereby agreed among Wauconda, Lake Barrington, and the Township as follows:

1. Recitals. The parties hereto find that the recitals to this Agreement are true and correct and that each of the foregoing recitals is hereby incorporated herein the same as if each had been set forth in its entirety in the body of this Agreement.

2. Reports. From and after the effective date of this Agreement, copies of discharge monitoring reports ("DMRs") and other periodic reports required to be filed by Wauconda with any county, state or federal agency relating to the Facility, its operation, and NPDES permit Number IL0020109 shall be forwarded at the time of submission of such reports to such agencies, to the Village Clerk of Lake Barrington for a period beginning on January 1, 2005, and ending on December 31, 2014. Thereafter, such reports will be forwarded by Wauconda to the Village Clerk of Lake Barrington annually for all subsequent annual periods ending December 31. The initial and amended construction schedules, when available, for the Phase I and Phase II WWTP expansion shall also be provided to Lake Barrington.

3. In consideration for the undertakings by Wauconda as herein set forth and as set forth below, Lake Barrington and the Township agree to cooperate with Wauconda and withdraw their prior objections to and appeals relative to Phase I and Phase II of Wauconda's Expansion NPDES Permit(s), to wit:

- A. Wauconda agrees that as part of its Phase I treatment plant expansion to a design average flow of 1.9 MGD, and provided that the NPDES Permit remains otherwise valid and substantially unmodified by the present proceedings before the Pollution Control Board, to wit: IPCB docket nos. 05-55; 05-58 and 05-59 (hereinafter referred to as the "present IPCB proceedings"), except as agreed to by Wauconda in this Agreement and/or by stipulation approved by Wauconda in said present IPCB proceedings, Wauconda shall install, maintain, and keep in operation such equipment and other Facility improvements as necessary to provide loading limits on Fiddle Creek of 117 lbs/day for CBOD₅, and 140 lbs/day for suspended solids based on annual averages, and achieve a 1 mg/L phosphorus level based on a monthly average, and shall request and accept an NPDES permit incorporating such limits for the Phase I operations. The Parties recognize that the August 23, 2004 NPDES permit allows for the discharge of almost double the load of 117 lbs/day for CBOD₅, and 140 lbs/day for suspended solids and requires that the effluent achieve a 1 mg/L phosphorus level, all based on monthly averages. Wauconda shall use its best efforts to achieve the lower, designed discharge limits on an annual average. Wauconda agrees that it shall make these design capabilities part of the IEPA construction permit for the Phase I and Phase II treatment plant expansions and Wauconda shall operate these facilities as efficiently as practicable. The standards established under this Paragraph A shall be carried forward to the Phase II design, improvements, and operations. To the extent that unanticipated costs are required to be incurred by Wauconda in order to carry forward the loading limits as stated in this Paragraph A to Phase II, Wauconda and Lake Barrington will cooperate and utilize their respective best efforts in attempting to secure grant funding for such unanticipated costs, but Wauconda's obligations under this Paragraph A shall not be contingent on the success of such efforts.
- B. Wauconda has already designed and it shall install as part of Phase I, effluent disinfection capabilities to meet the NPDES fecal coliform limits, and Wauconda's Facility shall, beginning with the date of operation of the Phase I improvement, meet these fecal coliform limits in accordance with its NPDES permit. Until that time, Wauconda shall remain in conformity with its current NPDES permit limitations on fecal coliform. These effluent disinfection capabilities to meet the NPDES fecal coliform limits shall be carried forward to the Phase II improvements and operations and the related NPDES permit.
- C. Wauconda has developed an industrial discharge and pretreatment monitoring program and Wauconda has secured approval of this program from the appropriate regulatory agencies. Wauconda agrees to maintain the operation of this program and comply with the regulations of the applicable regulatory authorities pertaining thereto.

- D. Wauconda has designed, and has obtained NPDES permit approval for, and shall install, as part of Phase 1, sufficient aeration capabilities to maintain 6 mg/L dissolved oxygen at the point the effluent enters Fiddle Creek. These aeration capabilities shall be carried forward to the Phase II improvements and operations and the related NPDES permit.
- E. Wauconda, Lake Barrington, and Cuba Township agree that, within the next year following the execution of this Agreement, they shall jointly cooperate with each other and take such separate and/or collective action as reasonably necessary to jointly locate, install, operate, and maintain, at Wauconda's expense, four (4) monitoring wells at mutually agreed upon locations, and Wauconda shall, at Wauconda's expense, periodically test both the Wauconda WWTP effluent and the water quality of said monitoring wells as described below:
- (1) Within the initial year following the execution of this Agreement, Wauconda shall quarterly test the effluent from the Wauconda WWTP for Priority Pollutants plus Tentatively Identified Compounds (including but not limited to MTBE), Endocrine Disrupters, Fecal Coliform, E-Coli Bacteria, and Nitrates. The availability of commercial laboratory testing for endocrine disrupters is evolving and will expand from year to year. Initially, at a minimum, testing shall include USEPA Method 525.2 for semi-volatile synthetic organic compounds.
 - (2) After the installation of the above-described monitoring wells, and upon completion of the quarterly effluent testing described in Subparagraph E(1), the monitoring wells shall be tested quarterly for one year by Wauconda for those compounds or substances listed in Subparagraph E(1) above which were determined to be present in the Wauconda WWTP's effluent based on the initial year of quarterly testing of Wauconda's WWTP effluent, and for any chlorinated solvents detected, the known products of degradation.
 - (3) After the first year of operation of the monitoring wells, the effluent from the Wauconda WWTP shall be tested by Wauconda annually for Priority Pollutants plus Tentatively Identified Compounds (including but not limited to MTBE), Endocrine Disrupters, Fecal Coliform, E-Coli Bacteria, and Nitrates, and all such testing shall occur during the Wauconda WWTP's low flow period.
 - (4) The water in each of the monitoring wells, after the initial year of quarterly testing described in Subparagraph E(2) above, shall be tested annually by Wauconda for any Priority Pollutants plus Tentatively Identified Compounds (including but not limited to MTBE), Endocrine Disrupters, Fecal Coliform, E-Coli Bacteria, and Nitrates detected during the effluent testing for that year, and for any chlorinated solvents detected, the known products of degradation.

Lake Barrington shall have the right to be present for the collection of all effluent and monitoring well water samples which are collected for the testing contemplated by this Paragraph (E), as well as for the testing of such samples, and for these purposes, Wauconda shall provide Lake Barrington with reasonable notice thereof. Lake Barrington shall also have the right to collect and test its own samples from said monitoring wells at the same time, at its own expense. All information gathered through such effluent and monitoring well testing shall not be considered the proprietary information of any parties, and, upon receipt by Wauconda in written form; such information shall be promptly shared with the other parties to this Agreement and such information shall be considered part of the permanent public records of the Village of Wauconda.

- F. Wauconda shall, at its expense, upon the effective date of this Agreement, design nitrate removal capabilities for the Phase I and Phase II expansion of its treatment plant. The Phase II expansion of the treatment plant to 2.4 MGD design average flow by Wauconda shall include nitrate removal capabilities, provided that Wauconda receives complete grant funding through state or federal sources for the design, equipment and facilities necessary to achieve such nitrate removal, and, in such event, Wauconda shall not delay the operation of the nitrate removal facilities beyond the later of January 1, 2007 or the commencement of the Phase II expansion and shall operate such nitrate removal facilities to assure no net increase over existing nitrate loading. For the purposes of this Paragraph F, "full" or "complete" grant of funding shall not include design costs incurred prior to the approval of a grant agreement, provided, however, such design costs may be applied for within the facilities grant application, or by way of a separate grant application, but the receipt of grant funding for reimbursement of said design costs, from whatever source, shall not be a condition to Wauconda's obligations as provided in this Paragraph F. Wauconda agrees that in the event full funding is obtained for the said nitrate removal facilities, then Wauconda shall make these design capabilities part of the IEPA construction permit for the Phase II treatment plant expansion. In the event full funding is obtained for nitrate removal within a time frame which is reasonably timely in order to make these design capabilities part of the IEPA construction permit for the Phase I treatment plant expansion, then Wauconda shall include such nitrate removal capabilities as part of the Phase I expansion. Wauconda shall also request and accept an NPDES permit modification incorporating such limits for its Phase II operations, and at the same time as said NPDES permit modification, Wauconda shall also request and accept a Special Condition to the modified NPDES permit requiring Wauconda to monitor TKN and Nitrate-N one day per week in both its influent and effluent. In addition, during the initial year after this Agreement becomes effective, Wauconda shall monitor TKN and Nitrate one day per month in both its influent and

the other party(ies) or their respective officers, agents or employees in connection with carrying out such obligations of other parties under this Agreement.

6. Notices. All notices, requests, demands, and other communications (collectively, "Notices") hereunder shall be in writing and given by (i) established express delivery service which maintains delivery records, (ii) hand delivery, or (iii) certified or registered mail, postage prepaid, return receipt requested, to the parties at the following addresses, or at such other address as the parties may designate by Notice in the above manner:

To Wauconda:

Village of Wauconda
101 N. Main Street
Wauconda, IL 60084
Attn: Village President

To Lake Barrington:

Village of Lake Barrington
23860 Old Barrington Road
Lake Barrington, IL 60010
Attn: Village President

To Township of Cuba:

Cuba Township
28000 W. Cuba Road
Barrington, IL 60010
Attn: Township
Supervisor

Notices may also be given by fax, provided the Notice is concurrently given by one of the above methods. Notices are effective upon receipt, or upon attempted delivery if delivery is refused or impossible because of failure to provide a reasonable means for accomplishing delivery.

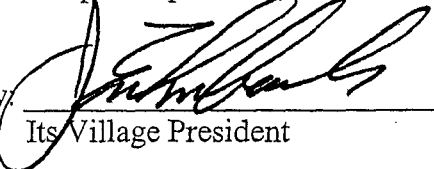
7. Miscellaneous:

- A. Paragraph titles are descriptive only and do not define or in any other way limit the contents of each paragraph. Words of the masculine gender shall be read to include the feminine and neuter genders, and the singular shall include the plural.
- B. If any provision of this Agreement shall be declared invalid for any reason, such invalidation shall not affect any other provisions of this Agreement which can be given effect without the invalid provision and to that extent, the provisions of this Agreement are severable.
- C. This Agreement shall be governed by the applicable laws of the State of Illinois.
- D. This Agreement shall be binding on all parties and may not be modified or amended orally, but only in writing signed by all parties hereto.
- E. The parties agree to reasonably cooperate in a good faith effort to implement this Agreement, including but not limited to, the joint filing of such stipulations and/or other pleadings as appropriate for that purpose.

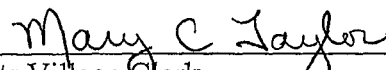
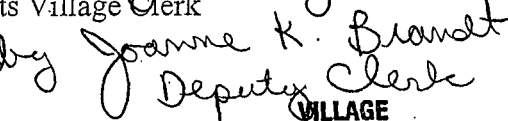
- F. In the event the Wauconda NPDES Permit as currently written is affected by a *force majeure* or is substantially modified (except as agreed to by Wauconda in this Agreement and/or by a stipulation and/or settlement agreement approved by Wauconda) in the present IPCB proceedings (IPCB Docket No. 05-55, 05-58 and 05-59), then the parties hereto will meet and attempt to renegotiate in good faith this Agreement in its entirety in order to endeavor, to the extent that it still may be possible, to effect the goals and purposes of this Agreement.
- G. This Agreement shall become effective only upon approval and execution hereof by all the parties hereto on or before December 21, 2004 and upon the execution by Wauconda and all the appellants in IPCB Docket No. 05-55 of a stipulation and/or settlement agreement in the present IPCB appeal providing for the withdrawal forthwith of said appeal and the objections contained therein, which stipulation and/or settlement agreement shall include, among other things, the right of all of said appellants in IPCB Docket No. 05-55 to enforce this Agreement. Anything in this Agreement to the contrary notwithstanding, if all administrative and/or trial and appellate court appeals on the subject NPDES permit are not exhausted within ten (10) months of the date of this agreement, then, at the sole option of Wauconda, Paragraph 3(F) and 3(G) of this Agreement shall be considered null and void and of no effect.
- H. This Agreement may be executed in one or more identical counterparts, which counterparts when affixed together, shall constitute one and the same document.

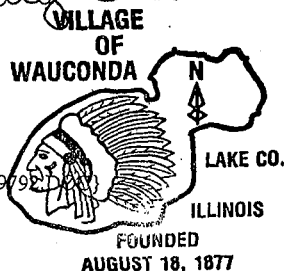
IN WITNESS WHEREOF, the parties hereto have, pursuant to the authority of the respective Boards and/or Corporate Authorities, caused this Agreement to be executed, attested and delivered by its duly authorized officers as of the date first mentioned above.

VILLAGE OF WAUCONDA,
a municipal corporation.

By: 
Its Village President

ATTEST:


Its Village Clerk
by 
Deputy Clerk



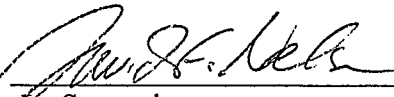
VILLAGE OF LAKE BARRINGTON
a municipal corporation,

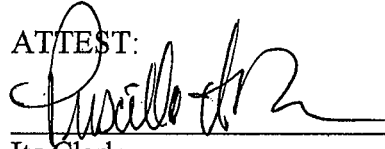
By: _____
Its Village President

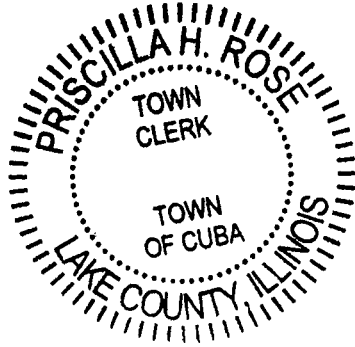
ATTEST:

Its Village Clerk

TOWNSHIP OF CUBA

By: 
Its Supervisor

ATTEST: 
Its Clerk



CERTIFICATE OF SERVICE

It is hereby certified that true copies of the foregoing Stipulation were mailed, first class, on January 10, 2005 to each of the following persons:

Dorothy M. Gunn
Bradley P. Halloran
Illinois Pollution Control Board
James R. Thompson Center
100 W. Randolph St., Suite 11-500
Chicago, IL 60601

Sanjay Kumar Sofat
James Allen Day
Division of Legal Counsel
Illinois Environmental Protection Agency
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

Percy L. Angelo
Russell R. Eggert
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Bonnie L. Macfarlane
Bonnie Macfarlane, P.C.
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William D. Seith
Total Environmental Solutions, P.C.
631 E. Butterfield Rd., Suite 315
Lombard, IL 60148