

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

November 5, 2008

Village of Hutsonville)
)
)
Petitioner,)
)
)
v.)
)
ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY,)
)
Respondent.)

RECEIVED
CLERK'S OFFICE

NOV 10 2008

STATE OF ILLINOIS
Pollution Control Board

IEPA - 09-02

(Provisional Variance-Water)

Re: Provisional Variance From Effluent Limits Contained in NPDES Permit
IL0029524

Dear Mr. Humphrey:

The Illinois Environmental Protection Agency (Agency) has completed its technical review of the attached provisional variance request (Attachment A) that the Village of Hutsonville (Village), Crawford County, submitted for its waste water treatment facility. The Agency received the first request on October 24, 2008, and a more detailed request on October 28, 2008. The Village is seeking a provisional variance so that it can remove the facility's clarifier from service to make needed repairs.

Based on its review, the Agency GRANTS the Village a provisional variance subject to the specific conditions set forth below.

Background

The Village owns and operates a waste water treatment facility, located at 600 East Church Street, which serves all areas located within the incorporated limits of Hutsonville. The facility consists of an Imhoff tank, a trickling filter, and a clarifier. After receiving a recent violation notice from the Agency, the Village determined that it needed to make certain repairs to the clarifier. More specifically, the Village must replace the clarifier weir plates as well as the sludge and scum scraper blades. The Village also plans to blast and recoat the interior and exterior of the clarifier.

The Village estimates that the quantity of water released through Outfall 001 into the Wabash River will be 0.065 MGD (million gallons per day). During this time, the secondary clarifier and trickling filter will need to be bypassed. Treatment will consist of primary settling in the Imhoff tank only. Thus, treatment will be less effective than when the trickling filter and secondary clarifier are in service.

Relief Requested

The Village seeks a provisional variance from the effluent limits required in NPDES permit IL0029254 (Attachment B) while it makes repairs to the clarifier. NPDES permit IL0029254 requires the following effluent limits be maintained for Outfall 001:

CBOD₅ – Quantity limits of 17 lbs/day monthly average and 28 lbs/day weekly average

Concentration limits of 25 mg/l monthly average and 40 mg/l weekly average

Suspended Solids – Quantity limits of 21 lbs/day monthly average and 31 lbs/day weekly average

Concentration limits of 30 mg/l monthly average and 45 mg/l weekly average

Agency Determinations

The Agency has reviewed the requested provisional variance and has concluded the following:

1. Any environmental impact from the requested relief shall be closely monitored and the Agency shall be immediately notified of any adverse impacts.
2. No reasonable alternatives appear available;
3. No public water supplies should be affected;
4. No federal regulations will preclude the granting of this request; and
5. The Village will face an arbitrary and unreasonable hardship if the request is not granted.

Conditions

The Agency hereby GRANTS the Village's waste water treatment plant a provisional variance from the CBOD₅ and Suspended Solids effluent limits required in NPDES Permit IL0029254, subject to the following conditions:

- A. The provisional variance shall begin on November 15, 2008, and shall end no later than December 20, 2008.

- B. The Village shall provide the best operation of its available equipment to produce the best effluent possible at all times. At no times shall the effluent exceed

CBOD₅ – Concentration limit of 60 mg/l monthly average

Suspended Solids - Concentration limit of 75 mg/l monthly average

- C. The Village shall closely monitor the Wabash River and immediately notify the Agency of any adverse environmental impacts.
- D. The Village shall notify Mike Garretson of the Agency by telephone at 217/782-9720 when all repairs to the secondary clarifier are completed and the facility returns to normal operation. Written confirmation shall be sent within five days to the following address:

Illinois Environmental Protection Agency
Bureau of Water - Water Pollution Control
Attention: Mike Garretson
1021 North Grand Avenue East, MC #19
Springfield, Illinois 62794-9276

- E. The Village shall sign a certificate of acceptance of this provisional variance and forward that certificate to Mike Garretson at the address indicated above within one day of the date of this order. The certification should take the following form:

I (We) _____, hereby accept and agree to be bound by all terms and conditions of the provisional variance granted by the Agency in dated _____.

Petitioner

Authorized Agent

Title

Date

The District shall continue to monitor all parameters and all comply with all other conditions specified in its NPDES Permit No. IL0029254.

Conclusion

The Agency grants this provisional variance in accordance with its authority contained in Sections 35(b), 36 (c), and 37(b) of the Illinois Environmental Protection Act (415 ILCS 5/35(b), 36(c), and 37(b) (2004). The decision to grant this provisional variance is not intended to address compliance with any other applicable laws or regulations.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert A. Messina". The signature is written in a cursive style with a long horizontal stroke at the end.

Robert A. Messina
Chief Legal Counsel

cc: Marcia Willhite
Michael Garretson
Vera Herst



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Attachment B

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

217/782-0610 ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

November 21, 2007

Village of Hutsonville
P.O. Box 277
Hutsonville, Illinois 62433

RECEIVED

NOV 26 2007

IEPA

Re: Village of Hutsonville
Hutsonville STP
NPDES Permit No. IL0029254
Final Permit

PP THRU
EDMR/ USING
STOP PP SR

____ or

DES Permit for your discharge. The Permit as issued covers discharge limitations, g requirements. Failure to meet any portion of the Permit could result in civil and/or : Illinois Environmental Protection Agency is ready and willing to assist you in onditions of the Permit as they relate specifically to your discharge.

1ST TURN
PTRK
FSP
FINAL TURN

____ ✓
____ ✓
____ ✓
____ ✓

a program allowing the submittal of electronic Discharge Monitoring Reports or Discharge Monitoring Reports (DMRs). If you are interested in eDMRs, more on the Agency website, <http://epa.state.il.us/water/edmr/index.html>. If your facility MR program, a supply of preprinted paper DMR Forms for your facility will be sent ation of DMR reporting under the reissued permit. Additional information and any the preprinted DMRs upon their arrival.

PP requested
PPHS to
PP to clericals
if OCR SAMPLE to JG

ective as of the date indicated on the first page of the Permit. Until the effective date ie limitations and conditions of the previously-issued Permit remain in full effect. eal any condition of the Permit to the Illinois Pollution Control Board within a 35 issuance date.

YELLOW SHEET/PP DB

s concerning the Permit, please contact Amy L. Dragovich at the telephone number

COMP20
EDMR UPDT LIST

12-18-07

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:ALD:07091005.bah

Attachment: Final Permit

cc: Records
Compliance Assurance Section
Champaign Region
Indiana

EFF - 12-1-07
EXP - 11-30-12

NPDES Permit No. IL0029254

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: November 30, 2012

Issue Date: November 21, 2007

Effective Date: December 1, 2007

Name and Address of Permittee:

Village of Hutsonville
P.O. Box 277
Hutsonville, Illinois 62433

Facility Name and Address:

Hutsonville STP
600 East Church Street
Hutsonville, Illinois
(Crawford County)

Receiving Waters: Wabash River

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of the Ill. Adm. Code, Subtitle C, Chapter I, and the Clean Water Act (CWA), the above-named Permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the Permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:ALD:07091005.bah

NPDES Permit No. IL0029254

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 001 STP Outfall

Load limits computed based on a design average flow (DAF) of 0.0825 MGD (design maximum flow (DMF) of 0.309 MGD).

Excess flow facilities (if applicable) shall not be utilized until the main treatment facility is receiving its maximum practical flow.

From the effective date of this Permit until the expiration date, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

Parameter	LOAD LIMITS lbs/day			CONCENTRATION			Sample Frequency	Sample Type	
	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum			
Flow (MGD)							Continuous		
CBOD ₅ **	17 (64)	28 (103)		25	40		1 Day/Month	Composite	
Suspended Solids	21 (77)	31 (116)		30	45		1 Day/Month	Composite	
pH	Shall be in the range of 6 to 9 Standard Units						1 Day/Month	Grab	
Fecal Coliform***	Daily Maximum shall not exceed 400 per 100 mL (May through October)						1 Day/Month	Grab	
Chlorine Residual***							0.75	1 Day/Month 02/99	Grab

*Load limits based on design maximum flow shall apply only when flow exceeds design average flow.

**Carbonaceous BOD₅ (CBOD₅) testing shall be in accordance with 40 CFR 136.

***See Special Condition 9.

Flow shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

Fecal Coliform shall be reported on the DMR as a daily maximum value.

pH shall be reported on the DMR as minimum and maximum value.

Chlorine Residual shall be reported on DMR as daily maximum.

NPDES Permit No. IL0029254

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): A01 Excess Flow Outfall & 003 Trickling Filter Underdrain Overflow

These flow facilities shall not be utilized until the main treatment facility is receiving its maximum practical flow.

From the effective date of this Permit until the expiration date, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

Parameter		CONCENTRATION		Sample Frequency	Sample Type
		LIMITS mg/L			
		Monthly Average			
Total Flow (MG)	See Below			Daily When Discharging	Continuous
BOD ₅		30		Daily When Discharging	Grab
Suspended Solids		30		Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual		0.75		Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as daily maximum.

Chlorine Residual shall be reported on the DMR as a monthly average concentration.

pH shall be reported on the DMR as a minimum and a maximum.

BOD₅ and Suspended Solids shall be reported on the DMR as a monthly average concentration.

NPDES Permit No. IL0029254

Influent Monitoring and Reporting

The influent to the plant shall be monitored as follows:

Parameter	Sample Frequency	Sample Type
Flow (MGD)	Continuous	
BOD ₅	1 Day/Month	Composite
Suspended Solids	1 Day/Month	Composite

Influent samples shall be taken at a point representative of the influent. w/c

Flow (MGD) shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

BOD₅ and Suspended Solids shall be reported on the DMR as a monthly average concentration.

NPDES Permit No. IL0029254

Special Conditions

SPECIAL CONDITION 1. This Permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws, regulations, or judicial orders. The IEPA will public notice the permit modification.

SPECIAL CONDITION 2. The use or operation of this facility shall be by or under the supervision of a Certified Class 3 operator.

SPECIAL CONDITION 3. The IEPA may request in writing submittal of operational information in a specified form and at a required frequency at any time during the effective period of this Permit.

SPECIAL CONDITION 4. The IEPA may request more frequent monitoring by permit modification pursuant to 40 CFR § 122.63 and Without Public Notice in the event of operational, maintenance or other problems resulting in possible effluent deterioration.

SPECIAL CONDITION 5. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 6. Samples taken in compliance with the effluent monitoring requirements shall be taken:

- A. For Discharge Number 001 - During dry weather flows (no excess flow discharge), samples shall be taken at a point representative of the flows but prior to entry into the receiving stream. During periods of excess flow discharge, CBOD₅, Suspended Solids, and Ammonia Nitrogen, if Ammonia Nitrogen monitoring and sampling is required on the Effluent Limitations, Monitoring, and Reporting Page of this Permit, shall be monitored at a point representative of the discharge but prior to admixture with the excess flow. If Fecal Coliform limits are different for Discharge Numbers 001 and A01, sampling shall occur at a point representative of the discharge and prior to admixture, if hardware allows. Other parameters may be sampled after admixture but prior to entry into the receiving stream.
- B. For Discharge Number A01 - Samples for all parameters shall be taken at a point representative of the discharge but prior to entry into the receiving stream. If Fecal Coliform limits are different for Discharge Numbers 001 and A01, sampling shall occur at a point representative of the discharge and prior to admixture, if hardware allows. The sampling point for other parameters may be at a point after admixture with the dry weather flows.
- C. For Discharge 003 - Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 7. Final Conditions - For Discharge No. 001: BOD₅ and Suspended Solids (85% removal required): The arithmetic mean of the values for effluent samples collected in a period of one calendar month shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same time during the same period, except during those periods when the influent is diluted because of high flows if the tributary sewer system is combined. The percent removal need not be reported to the IEPA on DMR's but influent and effluent data must be available, as required elsewhere in this Permit, for IEPA inspection and review. For measuring compliance with this requirement, 5 mg/L shall be added to the effluent CBOD₅ concentration to determine the effluent BOD₅ concentration.

SPECIAL CONDITION 8. This Permit may be modified to include requirements for the Permittee on a continuing basis to evaluate and detail its efforts to effectively control sources of infiltration and inflow into the sewer system and to submit reports to the IEPA if necessary.

SPECIAL CONDITION 9. Fecal Coliform limits for Discharge Number 001 are effective May thru October. Sampling of Fecal Coliform is only required during this time period.

The total residual chlorine limit is applicable at all times. If the Permittee is chlorinating for any purpose during the months of November through April, sampling is required on a daily grab basis. Sampling frequency for the months of May through October shall be as indicated on effluent limitations, monitoring and reporting page of this Permit.

SPECIAL CONDITION 10. During January of each year the Permittee shall submit annual fiscal data regarding sewerage system operations to the Illinois Environmental Protection Agency/Division of Water Pollution Control/Compliance Assurance Section. The Permittee may use any fiscal year period provided the period ends within twelve (12) months of the submission date.

Submission shall be on forms provided by IEPA titled "Fiscal Report Form For NPDES Permittees".

NPDES Permit No. IL0029254

Special Conditions

SPECIAL CONDITION 11. Discharge Number 002 is an emergency high level bypass. Discharges from this overflow are subject to the following conditions:

(1) Definitions

- (i) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
- (ii) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(2) Bypass not exceeding limitations. The Permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (3) and (4) of this section.

(3) Notice

- (i) Anticipated bypass. If the Permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
- (ii) Unanticipated bypass. The Permittee shall submit notice of an unanticipated bypass as required in Standard Condition 12(e) of this Permit (24-hour notice).

(4) Prohibition of bypass. Bypass is prohibited, and the IEPA may take enforcement action against a Permittee for bypass, unless:

- (i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- (ii) There was no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
- (iii) The Permittee submitted notices as required under Standard Condition 12(e) of this Permit.

(5) Emergency Bypass when discharging, shall be monitored daily by grab sample for BOD₅ and Suspended Solids. The Permittee shall submit the monitoring results on Discharge Monitoring Report forms using one such form for each month in which bypassing occurs. The Permittee shall specify the number of discharges per month that occur and shall report this number in the quantity daily maximum column. The Permittee shall report the highest concentration value of BOD₅ and Suspended Solids discharged in the concentration daily maximum column.

SPECIAL CONDITION 12. 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 average percent total solids analysis. The Permittee shall maintain adequate records of the quantities of sludge produced and have said records available for IEPA inspection. The Permittee shall submit to the IEPA, at a minimum, a semi-annual summary report of the quantities of sludge generated and disposed of, in units of dry tons or gallons (average total percent solids) 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 IEPA by January 31 and July 31 of each year reporting the preceding January thru June and July thru December interval of sludge disposal operations.

Duty to Mitigate. The Permittee shall take all reasonable steps to minimize any sludge use or disposal in violation of this Permit.

Sludge monitoring must be conducted according to test procedures approved under 40 CFR 136 unless otherwise specified in 40 CFR 503, unless other test procedures have been specified in this Permit.

Planned Changes. The Permittee shall give notice to the IEPA on the semi-annual report of any changes in sludge use and disposal.

NPDES Permit No. IL0029254

Special Conditions

The Permittee shall retain records of all sludge monitoring, and reports required by the Sludge Permit as referenced in Standard Condition 23 for a period of at least five (5) years from the date of this Permit.

If the Permittee monitors any pollutant more frequently than required by the Sludge Permit, the results of this monitoring shall be included in the reporting of data submitted to the IEPA.

Monitoring reports for sludge shall be reported on the form titled "Sludge Management Reports" 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 13. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

ATTACHMENT H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, Ch. 111 1/2 Ill. Rev. Stat. Sec. 1001-1052 as Amended

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
 - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.
 - (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
 - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
 - (a) **Application.** All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
 - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a); and
 - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
 - (3) The written authorization is submitted to the Agency.

Municipal NPDES Review Sheet

01 → Crawford Co

Name of Facility Hatzenville IL00 29254
 Renewal New Modification

Description of Sewage Treatment Plant and Sewer System:

Separate Sewer # of Discharges 3 ⇒ 002 empty overflow
 Design Ave. Flow 0825 MGD Combined Sewer
 Design Max Flow 309 MGD # of CSO's
 Actual Ave. Flow _____ MGD CSO Treatment Yes No

Classification of Discharge and Stream Use:

Name of Receiving Stream Wabash River
 Upstream 7Q10 Flow _____ CFS or 798 MGD
 Waived Cat. General Use
 Non Waived _____ Secondary Contact _____
 Water Quality Limited _____ Lake Michigan _____
 Effluent Limited Public Food Processing Water Supply _____
 PCB Order _____

> 5:1 dilutio

Permit Conditions and Limitations:

CBOD 25 mg/l, TSS 30 mg/l Other Parameters _____
 Fecal Coliform Yes No _____
 PH Yes No _____
 Ammonia Yes _____ No
 P Yes _____ No
 Chlorine Yes No _____

Miscellaneous:

Toxics Control(biomonitoring) Yes _____ No 6-month _____
 Fecal Exemption yr 5yr Yes No _____ Date 6-11-97
 De-Chlorination Schedule Yes _____ No
 Lagoon Exemption Yes _____ No Date _____
 Enforcement Pending Yes _____ No _____
 Metals Derivation Needed Yes _____ No
 Certified Operator Class 3
 CSO Provisions in permit Yes _____ No
 Excess Flow Yes No _____
 Anti-degradation Yes _____ No PN Required _____
 Subject to 208 review Yes _____ No
 Sludge Provisions Needed Yes No _____
 Pretreatment Program Yes _____ No
 Targeted Watershed Yes _____ No _____
 Mixing Zone Derivation Needed Yes _____ No
 Consent Decree Yes _____ No _____

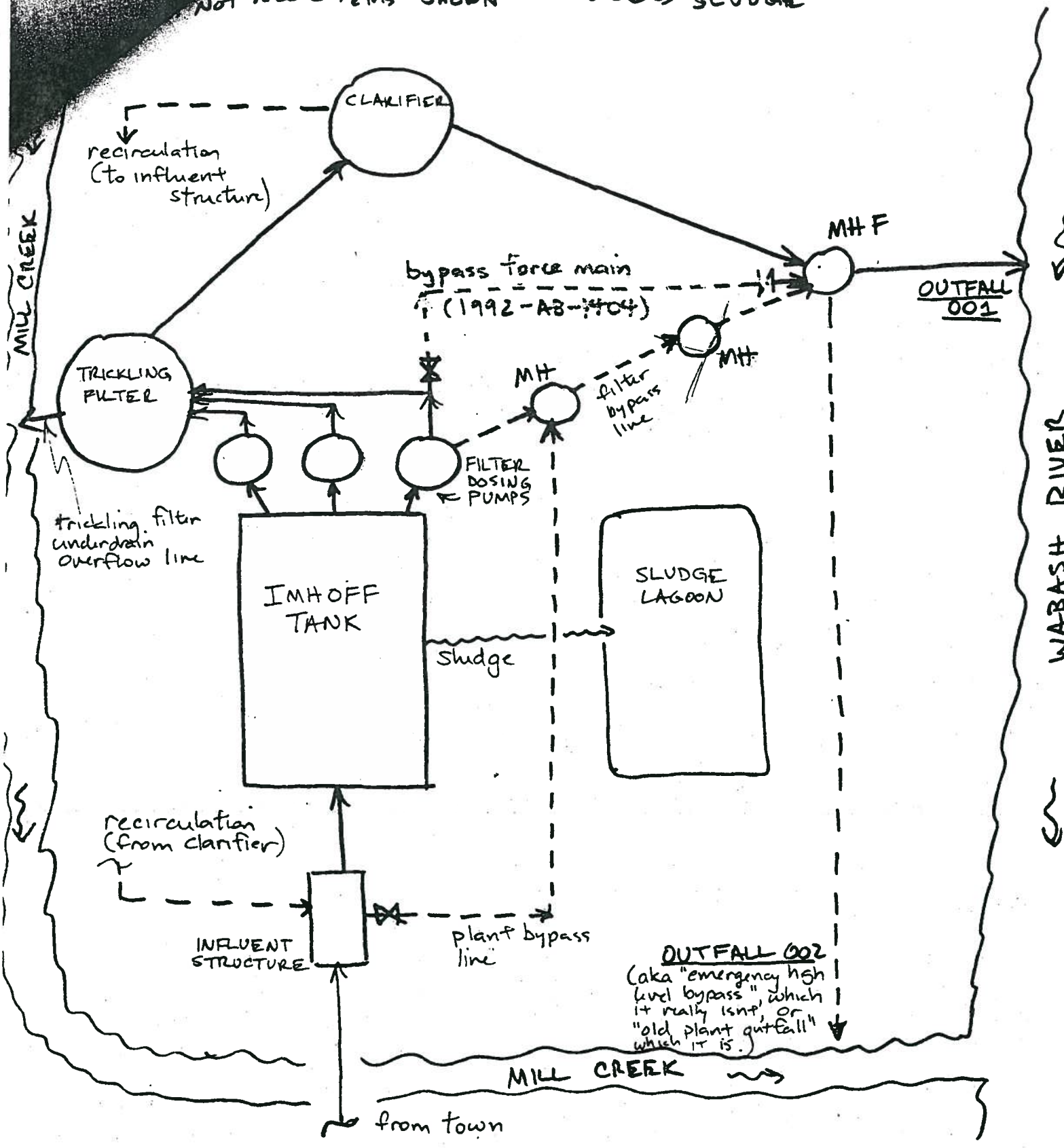
Comments:

- Facility has some serious operational & flooding issues

Signature: [Signature] Date 5-29-07

NOT ALL ITEMS SHOWN

SLUDGE



MICHAEL R. CONNOR
DEWEY CONNOR, JR.

CONNOR & CONNOR, INC.

~ ~ ~ ~ ~

Licensed Engineers
Licensed Surveyors

PHONE 618-544-8623
FAX 618-544-3012

CONSULTING ENGINEERS
209 NORTH CROSS STREET
P.O. BOX 618
ROBINSON, ILLINOIS 62454

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October 28, 2008

Mr. Michael Garretson
Wastewater Compliance Unit
Bureau of Water
Illinois Environmental Protection Agency
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 62794-9276

RE: Request for Provisional Variance
BOD and TSS Permit Requirements
NPDES Permit No. IL0029254

Dear Mr. Garretson:

Per Section 35(b) of the Illinois Environmental Protection Act, the Village of Hutsonville respectfully submits this application for a provisional variance. The following information is being supplied in support of the provisional variance application per requirements of Title 35, Subtitle A, Chapter II, Part 180.202:

1. *A statement identifying the regulations, Board Order, or permit requirements from which the variance is requested;*

BOD - limits of 25 mg/l (monthly avg) and 40 mg/l (weekly avg)
TSS - limits of 30 mg/l (monthly avg) and 45 mg/l (weekly avg)
2. *A description of the business or activity for which the variance is requested, including pertinent data on location, size and the population and geographic area affected by the applicant's operations;*

The Village of Hutsonville owns and operates a waste water treatment facility which serves all those areas located within the incorporated limits of the Village. The Village is requesting a provisional variance from it's NPDES permit requirements to meet BOD and TSS limits.

The waste water treatment facility consists of an imhoff tank, a trickling filter, and a clarifier. Pursuant to a recent violation notice received from your agency, measures are being taken to assure future compliance. The clarifier weir plates are in need of replacement to prevent short circuiting, and the sludge and scum scraper blades need replaced as well. In addition, the interior and exterior coating of the structure is planned to be blasted and re-coated. We anticipate a completion of this work within forty five (45) calendar days.

3. *The quantity and types of materials used in the process or activity*

for which the variance is requested, as appropriate;

The quantity of water anticipated to be released thru the Outfall is estimated at 0.065 MGD. During this time, the clarifier will be bypassed. While primary settling will be achieved within the Imhoff tank, treatment will not be as effective as usual with the absence of the clarifier.

4. *The quantity, types and nature of materials or emissions to be discharged, deposited or emitted under the variance, and the identification of the receiving waterway or land, or the closest receiving Class A and Class B land use, as appropriate;*

Although it is difficult to estimate what the actual BOD and TSS values will be during the variance time period, our estimates are that BOD will not exceed 60 mg/l and that TSS will not exceed 75 mg/l. Please note these are highly conservative assumptions regarding these concentrations.

5. *The quantity and types of materials in drinking water exceeding the allowable content, or other pertinent facts concerning variances from the Board's public water supply regulation;*

No discharge to drinking water source from activities conducted under this provisional variance application would be expected. The Wabash River is the receiving stream for this Outfall.

6. *An assessment of any adverse environmental impacts which the variance may produce;*

All waste water received at the treatment facility will still be captured and directed to the waste water treatment plant for primary treatment prior to discharge.

7. *A statement explaining why compliance with the Act, regulations or Board Order imposes arbitrary and unreasonable hardship;*

The work to be performed on the clarifiers is necessary to assure it's effective use in the treatment process. With the absence of redundant units, no others alternatives present a cost effective, nor timely solution.

8. *A description of the proposed methods to achieve compliance with the Act, regulations or Board Order, and a timetable for achieving such compliance;*

The provisional variance is requested to cover a forty-five (45) calendar day period which is felt to be sufficient time to complete the improvements.

9. *A discussion of alternate methods of compliance and of the factors influencing the choice of applying for a provisional variance;*

Essentially all reasonable considerations for alternatives, such has the hauling of waste water to an off-site treatment facility, or acquisition of a portable type clarifier, would create an undue physical and financial hardship on the Village.

10. *A statement of the period, not to exceed 45 days, for which the variance is requested;*

The requested period for provisional variance is forty-five (45) calendar days. The exact starting date would be November 1, 2008.

11. A statement of whether the applicant has been granted any provisional variances within the calendar year, and the terms and duration of such variances;

The Village of Hutsonville has not been granted any provisional variances within the calendar year.

12. A statement regarding the applicant's current permit status as related to the subject matter of the variance request;

The Village of Hutsonville has recently been under violation notice with the agency (VN#: W-2007-00109). Recently, the Village submitted documentation verifying they have now achieved compliance. The improvements outlined in this provisional variance request help assure continued compliance.

13. Any Board orders in effect regarding the applicant's activities and any matters currently before the Board in which the applicant is a party.

N/A

Should you have any questions concerning this provisional variance request, or should you require any additional information, please feel free to contact me.

Sincerely,

CONNOR & CONNOR, INC.



Shannon Woodard

SW:af

cc: Tina Callaway, Village Clerk
Lawrence Quick, WWTF Operator

MICHAEL R. CONNOR
DEWEY R. CONNOR, JR.

CONNOR & CONNOR, INC.

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OCT 24 2008

IEPA/CAS

CONSULTING ENGINEERS
209 NORTH CROSS STREET
P.O. BOX 618
ROBINSON, ILLINOIS 62454

October 23, 2008

Illinois Environmental Protection Agency
Bureau of Water - CAS #19
P.O. Box 19276
Springfield, IL 62794

RE: HUTSONVILLE - FACILITY #IL0029254
WASTER WATER DISCHARGE VARIANCE

Ladies & Gentlemen:

The Village of Hutsonville is located in Crawford County in Southeastern Illinois and has a population of 540. Their waste water treatment facility currently provides service to 285 users. The facility plant consists of a single clarifier, an imhoff tank, a trickling Filter, and provides chlorine disinfection prior to discharge.

Please be advised that an emergency has been encountered that requires the Village to remove the clarifier from service. Pursuant to a recent violation notice received from your agency, measures are being taken to assure future compliance. The clarifier weir plates are in need of replacement to prevent short circuiting, and the sludge and scum scraper blades need replaced as well. In addition, the interior and exterior coating of the structure is planned to be blasted and re-coated.

To perform this work, it will be necessary to remove the clarifier from service, and by-pass it during the process of the described work. Essentially all other treatment options will be used during this time, including the disinfection process. We expect that all work will be completed during the calendar month of November, 2008, and that a variance will be need only during that month. Should unforeseen conditions present a need otherwise, you will be advised. Please consider this our variance notice/request.

Should your agency object to this work proceeding as planned, please notify me immediately. Should you require any additional information or have any questions, please contact me.

Sincerely,

CONNOR & CONNOR, INC.



Shannon Woodard

sw
pc:

Tina Callaway
Lawrence Quick