

KANSAS WATER POLLUTION CONTROL PERMIT AND
AUTHORIZATION TO DISCHARGE UNDER
THE NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM

Pursuant to the Provisions of Kansas Statutes Annotated 65-164 and 65-165, the Federal Water Pollution Control Act as amended, (33 U.S.C. 1251 et seq; the "Act"),

Owner: Hays, City of

Owner's Address: P.O. Box 490
Hays, Kansas 67601

Facility Name: Hays Wastewater Treatment Facility

Facility Location: 1498 E. Highway 40 Bypass
Hays, Kansas 67601
NW $\frac{1}{4}$ & NE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$, Section 3, Township 14S, Range 18W
Ellis County, Kansas

PLANT Latitude: 38.85967, Longitude: -99.31059
OUTFALL Latitude: 38.85920, Longitude: -99.30892

Receiving Stream Basin: Big Creek via Chetolah Creek
Smoky Hill River Basin

is authorized to discharge from the wastewater treatment facility described herein, in accordance with effluent limits and monitoring requirements as set forth herein.

This permit is effective _____, supersedes the previously issued Kansas Water Pollution Control permit M-SH16-0002, and expires _____.

FACILITY DESCRIPTION:

1. Influent Pump Station
2. Headworks
 - a. Influent Screening
 - b. Grit Removal
3. Activated Sludge Treatment
 - a. 5-Stage with Secondary Clarifiers and Tertiary Filtration (Granular Media),
or
 - b. 4-Stage with Membrane Bioreactor
4. UV Disinfection
5. Septage Receiving
6. Aerobic Sludge Digestion
7. Anaerobic Sludge Digestion - Not in use
8. Biosolids Dewatering
9. Sludge Drying Beds
10. Reclaimed Water Storage Basins
11. Irrigation of Golf Course and Ball fields
12. Golf Course Holding Pond with Reclaimed Effluent Pump Station (Old Highway 40 & Golf Course Road)
13. Reaeration of Effluent
14. Design Flow = 2.5 MGD

Secretary, Kansas Department of Health and Environment

Date

A. EFFLUENT LIMITS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in this permit. The effluent limits shall become effective on the dates specified herein (see Schedule of Compliance). Such discharges shall be controlled, limited, and monitored by the permittee as specified. There shall be no discharge of floating solids or visible foam in other than trace amounts.

Monthly monitoring reports shall be submitted on or before the 28th day of the following month. In the event no discharge occurs, written notification is still required. Discharge monitoring reports are not required until effluent is discharged from the treatment facility under this permit.

EFFECTIVE
 DATE

Parameter	Final Limits	Measurement Frequency	Sample Type
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Monitoring Location 001AG (EDMR code: INF001AG) - Influent to Treatment Plant

Biochemical Oxygen Demand(5-Day)-mg/l	Monitor	Twice Monthly	24 Hour Composite
Total Suspended Solids - mg/l	Monitor	Twice Monthly	24 Hour Composite
Total Phosphorus (as P)-mg/l	Monitor	Twice Monthly	24 Hour Composite
Total Kjeldahl Nitrogen (as N) - mg/l	Monitor	Twice Monthly	24 Hour Composite
Flow	Monitor	Daily	Calculate

Outfall 001A1 (EDMR code: EFF001A1) - Effluent to Chetolah Creek
 (Monitoring location is the effluent sampling manhole unless noted otherwise)

Biochemical Oxygen Demand (5-Day) - mg/l*		Twice Monthly	24 Hour Composite
Jan., Feb., March, Nov., and Dec.			
Weekly Average	40		
Monthly Average	25		
April through October			
Weekly Average	30		
Monthly Average	20		
Total Suspended Solids - mg/l*		Twice Monthly	24 Hour Composite
Weekly Average	45		
Monthly Average	30		

EFFECTIVE
 DATE

Parameter	Final Limits	Measurement Frequency	Sample Type
<u>A. EFFLUENT LIMITS AND MONITORING REQUIREMENTS (continued)</u>			
pH - Standard Units	6.0-9.0	Twice Monthly	Grab
Ammonia (as N) - mg/l		Twice Monthly	24 Hour Composite
Jan., Feb., Nov. and Dec.			
Daily Maximum	4.9		
Monthly Average	8.6		
March, April and Oct.			
Daily Maximum	3.0		
Monthly Average	8.6		
May			
Daily Maximum	2.1		
Monthly Average	8.6		
June			
Daily Maximum	1.8		
Monthly Average	8.6		
July and Aug.			
Daily Maximum	1.6		
Monthly Average	8.6		
September			
Daily Maximum	2.4		
Monthly Average	8.6		
E.coli - colonies/100 ml		Twice Monthly	Grab
April through October			
Weekly Geometric Average	4348		
Monthly Geometric Average	262		
November through March			
Monthly Geometric Average	2358		
Total Phosphorus (as P)-mg/l***	Monitor	Twice Monthly Composite	24 Hour
Total Phosphorus (as P)-lbs/day	Calculate	Twice Monthly	Calculate

EFFECTIVE
 DATE

Parameter	Final Limits	Measurement Frequency	Sample Type
A. <u>EFFLUENT LIMITS AND MONITORING REQUIREMENTS (continued)</u>			
Nitrate(NO ₃) + Nitrite(NO ₂)-(as N)*** Monthly Average - mg/l	Monitor 10	Twice Monthly	24 Hour Composite
Nitrate + Nitrite (as N)-lbs/day (NO ₃ + NO ₂)	Calculate	Twice Monthly	Calculate
Total Kjeldahl Nitrogen (as N)-mg/l*** (TKN)	Monitor	Twice Monthly	24 Hour Composite
Total Nitrogen (as N)-mg/l*** (TKN + NO ₃ + NO ₂)	Calculate	Twice Monthly	Calculate
Total Nitrogen (as N)-lbs/day (TKN + NO ₃ + NO ₂)	Calculate	Twice Monthly	Calculate
Sulfates-mg/l	Monitor	Once Monthly	24 Hour Composite
Dissolved Oxygen - mg/l	Monitor	Twice Monthly	Grab
Whole Effluent Toxicity - See Supplemental Conditions B.3.			
Priority Pollutant Scan - See Supplemental Conditions B.4.			
Flow to Receiving Stream - MGD	Monitor	Daily	Meter

EFFECTIVE
 DATE

Parameter	Final Limits	Measurement Frequency	Sample Type
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A. EFFLUENT LIMITS AND MONITORING REQUIREMENTS (continued)

TMDL Calculation 001T1 (EDMR code: TMDL001T1) - TMDL Calculations at Effluent

Total Phosphorus (as P) - Annual Avg.**** TMDL Annual Daily Mass - lbs/day	35.1	Calculate Monthly	Calculate
Nitrate(NO3)+ Nitrite(NO2) as N - Annual Avg.**** TMDL Annual Daily Mass - lbs/day	187	Calculate Monthly	Calculate

SPORTS COMPLEX SITE

If the Sports Complex irrigation site is not irrigated with reclaimed wastewater effluent in a calendar month there is no requirement to sample and test in that month for E. coli at the Sports Complex. The discharge monitoring report must indicate ND (for No Discharge) on the last day of the month for any month which the site is not irrigated with reclaimed wastewater effluent.

Monitoring Location 001C1 (EDMR code: SCS001C1) - Sprinkler Head or sampling tap at end of irrigation distribution system

E. coli-Colonies/100 ml	Monitor	Twice Monthly	Grab
Effluent Irrigation Flow (YES or ND)	Monitor	Monthly	Observe

Leave blank for yes or enter ND for no discharge.

An ultraviolet dose of 100 MJ must be applied to reclaimed water prior to distribution for irrigation. In the event that all treated effluent is routed to irrigation or other reclamation uses and there is no discharge at the 001A1 to the receiving stream, the permittee shall continue to operate the plant pursuant to the requirements of paragraph 6 of the Standard Conditions and shall monitor the discharge from the facility at the frequency and include all the parameters as listed under the outfall 001A1. However, the test results shall not be reported under outfall 001A1 but the permittee shall retain the test results and make them available to the permitting authorities upon request.

- * Minimum removal of 85% required for Biochemical Oxygen Demand (5-Day) and Total Suspended Solids.
- ** Permittee shall conduct testing for total chlorine residual according to the methods prescribed in 40 CFR Part 136. The current acceptable quantification level for total residual chlorine in wastewater is 100 micrograms/l. Test results in excess of the quantification level are violations of the permit limits.
- *** Permittee shall sample for these tests on the same day and calculate the total nitrogen only when both test values are available. The Minimum Reportable Limit (MRL) for TKN is 1 mg/l and for nitrate + nitrite is 0.1 mg/l. Values less than the MRL shall be reported using the less than sign (<) with the MRL value but for purposes of calculating and reporting the total nitrogen result, individual less than values shall be defaulted to zero and the less than sign dropped from the reported values.

**** The Rolling 12-month annual average is calculated monthly. The values for parameters shown as "Calculate" will be calculated by the eDMR program. The values cannot be entered into the eDMR program by the permittee. Reporting of these values is not required until KDHE provides the eDMR program to do the calculations. In addition to these calculated values, the permittee will see monthly average values calculated by the eDMR program and displayed in the raw data tables. The monthly average parameter short names and (parameter codes) will be T-P Monthly Average (KS665) and NO3+NO2 Monthly Average (KS630) in mg/l and lbs/day. The monthly averages are required intermediary calculated values used for purposes of calculating the TMDL annual averages and are shown for purposes of checking those calculations.

The total phosphorus annual average load limit of 35.1 lbs/day and Nitrate + Nitrite annual average load limit of 187 lbs/day shall be limits effective 12 months after the effluent is first discharged under this permit. Also, see Section B. Supplemental Conditions - Nutrient Removal Goals.

B. SUPPLEMENTAL CONDITIONS

1. Nutrient Removal Goals

This upgraded facility is designed to achieve nutrient removal with the intent of achieving the goals as annual average target effluent levels:

	Goal
a) Total Nitrogen	8.0 mg/l
b) Total Phosphorus	1.5 mg/l

These target values are not to be considered as effluent limits for this permit. KDHE reserves the right to reopen this permit to impose limits for nutrients pursuant to Kansas law when such criteria are adopted in the Kansas Surface Water quality Standards.

2. Golf Course, Park, and Ballfield Irrigation

Permittee shall provide written notice to KDHE prior to the extension of the irrigation system to irrigate another park or ball field in addition to the ones listed in the following paragraph. Written authorization from KDHE will be required to irrigate additional sites. The supplemental conditions for irrigation within this permit may need to be revised depending on the proposed new irrigation area.

The following management and monitoring requirements apply for treated wastewater from the Hays Wastewater Treatment Facility utilized for irrigation purposes at the Stramel Ball Fields, Dusty Glassman Baseball Complex, Pratt-Optimist Soccer Field, Larks Park, Fort Hays Municipal Golf Course and the Bickle-Schmidt Sports Complex:

Monitoring and testing of the treated wastewater must be conducted for any calendar month during which irrigation is utilized. If the wastewater irrigation system for the public use areas is not used, no testing of the wastewater reclaimed water basin at the wastewater treatment plant is required.

Management practices required for reuse of treated wastewater for irrigation at the golf course, parks, ball fields, and sport complex:

- a) Irrigation of crops produced for direct human consumption is prohibited.
- b) Irrigation shall be limited in such a manner as to avoid runoff of effluent, from sprinklers or hoses, to adjacent landowners.
- c) Irrigation of effluent shall be conducted in such a manner as to prevent ponding of wastewater on the ground surface.
- d) Irrigation spray shall not be allowed to fall or drift on areas used for picnicking, public drinking fountains, potable water hose bibbs, private residences or any other areas where food or drink is routinely prepared or served.
- e) Signs bearing the following notice must be posted around any treated wastewater holding pond: RECLAIMED WASTEWATER DO NOT DRINK OR SWIM.
- f) Signs bearing the following notice must be posted at any hose bibb which can discharge treated wastewater: RECLAIMED WASTEWATER DO NOT DRINK.
- g) Cross-connections between treated wastewater lines and potable water supply lines are prohibited.
- h) A notice shall be placed on the golf course score cards indicating the irrigation system contains treated wastewater.
- i) All monitoring of the treated wastewater shall be conducted using EPA approved methods and KDHE certified laboratories.
- j) The results of the analyses shall be reported quarterly to the address shown on the standard Discharge Monitoring Report.
- k) Maintenance/repairs to the system may be tested at any time provided the system operator (or maintenance personnel) is present at the irrigated site during the entire test.
- l) Effluent shall not be discharged to the holding pond at the golf course when the pond is overflowing to Big Creek.

3. Whole Effluent Toxicity:

- a) Chronic Whole Effluent Toxicity (WET) testing on a 24-hr composite sample of the effluent shall be conducted once in calendar year 2018 and annually thereafter. The 25% Inhibition Concentration, IC25, shall be equal to or greater than 79% effluent. Test results less than 79% are violations of this permit. The test procedures shall use the seven day static renewal test method in accordance with the EPA document, Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, fourth edition, October 2002 (EPA-821-R-02-013) using test organisms *Pimephales promelas* (fathead minnow) and *Ceriodaphnia dubia* (water flea) within a dilution series containing 0%, 50%, 70%, 79%, 90%, and 100% effluent. KDHE reserves the right to increase or decrease testing frequency based upon compliance history and toxicity testing results.
- b) If the WET test results indicate the IC25 is equal to or greater than 79% effluent, the effluent has passed the toxicity test. The test results shall be recorded on the Discharge Monitoring Report and an electronic copy of the test report shall be provided to KDHE within 10 days of receipt of the information.
- c) If the WET test results indicate the IC50 is less than 79% effluent, the effluent has failed the toxicity test and the permittee shall immediately notify KDHE by telephone at (785) 296-5517 and submit to KDHE an electronic copy of the test report within five days of receipt of the information. KDHE reserves the right to require the permittee to take such actions as are reasonable to identify and remedy any identified or predicted toxic conditions in the receiving stream outside of the mixing zone which is caused by the permittee's effluent.
- d) Permittee shall also test a portion of the same effluent sample used for the WET test for the following substances (required minimum reportable levels are in parenthesis):

Antimony (10 µg/L)*	Nickel (10 µg/L)*
Arsenic (10 µg/L)*	Selenium (5 µg/L)*
Beryllium (5 µg/L)*	Silver (2 µg/L)*
Cadmium (2 µg/L)*	Thallium (10 µg/L)*
Chromium (10 µg/L)*	Zinc (20 µg/L)*
Copper (10 µg/L)*	Ammonia as "N" (0.2 mg/l)
Lead (5 µg/L)*	Total Hardness as CaCO3 mg/l
Mercury (0.2 µg/L-Cold Vapor Method)	pH

* Parameter shall be tested and reported as "total recoverable" metals.

- e) Permittee shall coordinate sampling for this test with other monitoring requirements of this permit and may use the test results to satisfy this and other corresponding testing requirements. The permittee shall use a laboratory approved by KDHE for Whole Effluent Toxicity testing.

4. Priority Pollutant Scan

Permittee shall conduct a Priority Pollutant Scan on the effluent for the parameters listed in Table I, Priority Pollutant Scan, on the following page. The Priority Pollutant Scan shall be conducted within 18 months of the expiration date of this permit and the results reported to KDHE prior to 6 months of the expiration date of this permit. Samples results shall be reported with the next Discharge Monitoring Report following receipt of the results.

Sample type shall be 24-hour composite except for Volatiles which shall be a grab sample. See Supplemental Condition G.1.d. for minimum reportable limits for certain metals in the Priority Pollutant Scan.

Table I - Priority Pollutant Scan*

<u>Metals (µg/l)</u>	<u>Base/Neutral (µg/l)</u>	<u>Acid Compounds (µg/l)</u>
Total Antimony	Acenaphthene	2-chlorophenol
Total Beryllium	Acenaphtylene	2,4-dichlorophenol
Total Cadmium	Anthracene	2,4-dimethylphenol
Total Chromium	Benzidine	2,4-dinitrophenol
Total Copper	Benzo(a) anthracene	2-nitrophenol
Total Lead	Benzo(a)pyrene	4-nitrophenol
Total Mercury	Benzo(k)fluoranthene	Parachlorometa cresol
Total Nickel	Benzo (ghi) perylene	Pentachlorophenol
Total Selenium	Benzo (b) fluoranthene	Phenol
Total Silver	Bis(2-chloroethoxy)methane	4,6-dinitro-o-cresol
Total Thallium	Bis(2-chloroethyl)ether	2,4,6-trichlorophenol
Total Zinc	Bis(2-ethylhexyl)phthalate	
	Bis(2-chloroisopropyl) ether	<u>Volatiles (µg/l)</u>
<u>Pesticides (µg/l)</u>	1,2-diphenylhydrazine	Acrolein
Aldrin	Fluoranthene	Acrylonitrile
Alpha-BHC**	Fluorene	Benzene
Beta-BHC**	Nitrobenzene	Bromoform
Gamma-BHC**	N-nitrosodimethylamine	Carbon Tetrachloride
Delta-BHC**	N-nitrosodi-n-propylamine	Chlorobenzene
Chlordane	N-nitrosodiphenylamine	Chlorodibromomethane
4,4-DDT	Phenanthrene	Chloroethane
4,4-DDD	Pyrene	2-chloroethylvinyl ether
4,4-DDE	1,2,4-trichlorobenzene	Chloroform
Dieldrin	4-bromophenyl phenyl ether	Dichlorobromomethane
Alpha-endosulfan	Butyl benzyl phthalate	1,1-dichloroethane
Beta-endosulfan	2-chloronaphthalene	1,2-dichloroethane
Endosulfan sulfate	4-chlorophenyl phenyl ether	1,1-dichloroethylene
Endrin	Chrysene	1,2-dichloropropane
Endrin aldehyde	Dibenzo(a,h) anthracene	1,3-dichloropropylene
Heptachlor	1,2-dichlorobenzene	Ethylbenzene
Heptachlor epoxide	1,3-dichlorobenzene	Methyl bromide
Toxaphene	1,4-dichlorobenzene	Methyl chloride
	3,3-dichlorobenzidine	Methylene chloride
<u>Polychlorinated Biphenyls (µg/l)</u>	Dimethyl phthalate	1,1,2,2-tetrachloroethane
PCB-1242	Diethyl phthalate	Tetrachloroethylene
PCB-1254	Di-n-butyl phthalate	Toluene
PCB-1221	2,4-dinitrotoluene	1,2 trans-dichloroethylene
PCB-1232	2,6-dinitrotoluene	1,1,1-trichloroethane
PCB-1248	Di-n-octyl phthalate	1,1,2-trichloroethane
PCB-1260	Hexachlorobenzene	Trichloroethylene
PCB-1016	Hexachlorobutadiene	Vinyl chloride
	Hexachlorocyclopentadiene	
	Hexachloroethane	<u>Miscellaneous</u>
	Indeno (1,2,3-cd) pyrene	Total Cyanide (mg/l)***
	Naphthalene	Asbestos (cnt/l)
	Isophorone	2,3,7,8-TCDD (Dioxin) (µg/l)

* Testing not required for pollutants with a strike-through.

** Scientific name is hexachlorocyclohexane

C. SLUDGE DISPOSAL

Sludge disposal shall be in accordance with the 40 CFR Part 503 Sludge Regulations.

D. SCHEDULE OF COMPLIANCE

1. Complete construction of upgrades to the facility by December 31, 2017 and achieve compliance with the final limits by July 31, 2018.
2. By March 1, 2016, and annually thereafter until the project is complete, the permittee shall provide to KDHE an annual report discussing the status of the project and delays which could cause the permittee to miss the complete construction date and any prudent activities necessary to bring the project back on schedule.
3. Although this permit is effective upon issuance, the effluent limitations and monitoring requirements specified in this permit are not imposed until January 1, 2018 and extend to the expiration date of this permit.

E. STANDARD CONDITIONS

In addition to the specified conditions stated herein, the permittee shall comply with the attached Standard Conditions dated August 1, 2010.

STANDARD CONDITIONS FOR
KANSAS WATER POLLUTION CONTROL AND
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS

1. Representative Sampling and Discharge Monitoring Report Submittals:

- A. Samples and measurements taken as required herein shall be representative of the quality and quantity of the monitored discharge. Test results shall be recorded for the day the samples were taken. If sampling for a parameter was conducted across more than one calendar day, the test results may be recorded for the day sampling was started or ended. All samples shall be taken at the locations designated in this permit, and unless specified, at the outfall/monitoring location(s) before the wastewater joins or is diluted by any other water or substance.
- B. Monitoring results shall be recorded and reported on forms acceptable to the Division and postmarked no later than the 28th day of the month following the completed reporting period. Signed and certified copies of these, prepared in accordance with KAR 28-16-59, and all other reports required herein, may be FAXed to 785.296.0086, e-mailed as scanned attachments to dmr4kdhe@kdheks.gov, or sent by U.S. mail to:

Kansas Department of Health & Environment
Bureau of Water-Technical Services Section
1000 SW Jackson Street, Suite 420
Topeka, KS 66612-1367

2. Definitions:

- A. Unless otherwise specifically defined in this permit, the following definitions apply:
1. The "Daily Maximum" is the total discharge by weight or average concentration, measurement taken, or value calculated during a 24-hour period. The parameter, pH, is limited as a range between and including the values shown.
 2. The "Weekly Average" is the arithmetic mean of the value of test results from samples collected, measurements taken or values calculated during four monitoring periods in each month consisting of calendar days 1-7, 8-14, 15-21 and 22 through the end of the month.
 3. The "Monthly Average", other than for E. coli bacteria, is the arithmetic mean of the value of test results from samples collected, measurements taken or values calculated during a calendar month. The monthly average is determined by the summation of all calculated values or measured test results divided by the number of calculated values or test results reported for that parameter during the calendar month. The monthly average for E. coli bacteria is the geometric average of the value of the test results from samples collected in a calendar month. The geometric average can be calculated by using a scientific calculator to multiply all the E. coli test results together and then taking the nth root of the product where n is the number of test results. Non-detect values shall be reported using the less than symbol (<) and the minimum detection or reportable value. To calculate average values, non-detects shall be defaulted to zero (or one for geometric averages). Greater than values shall be reported using the greater than symbol (>) and the reported value. To calculate average values, the greater than reported value shall be used in the averaging calculation.
- B. A "grab sample" is an individual sample collected in less than 15 minutes. A "composite sample" is a combination of individual samples in which the volume of each individual sample is proportional to the flow, or the sample frequency is proportioned to the flow rate over the sample period, or the sample frequency is proportional to time.
- C. The terms "Director", "Division", and "Department" refer to the Director, Division of Environment, Kansas Department of Health and Environment, respectively.
- D. "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 an in-plant diversion. Severe property damage does not mean economic loss caused by delays in production.
- E. "Bypass" means the intentional diversion of waste streams from any portion of the treatment facility.

3. **Schedule of Compliance:** No later than 14 calendar days following each date identified in the "Schedule of Compliance," the permittee shall submit via mail, e-mail or fax per paragraph 1.B above, either a report of progress or, in the case of specific action being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements, or, if there are no more scheduled requirements, when such noncompliance will be corrected.
4. **Test Procedures:** All analyses required by this permit shall conform to the requirements of 40 CFR Part 136, unless otherwise specified, and shall be conducted in a laboratory accredited by the Department. For each measurement or sample, the permittee shall record the exact place, date, and time of measuring/sampling; the date and time of the analyses, the analytical techniques or methods used, minimum detection or reportable level, and the individual(s) who performed the measuring/sampling and analysis and, the results. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved procedures, the results shall be included in the Discharge Monitoring Report form required in 1.B. above. Such increased frequencies shall also be indicated.
5. **Change in Discharge:** All discharges authorized herein shall be consistent with the permit requirements. The discharge of any pollutant not authorized by this permit or of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of this permit. Any anticipated facility expansions, production or flow increases, or production or wastewater treatment system modifications which result in a new, different, or increased discharge of pollutants shall be reported to the Division at least one hundred eighty (180) days before such change.
6. **Facilities Operation:** 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 requirements of this permit and Kansas and Federal law. Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the requirements of this permit. The permittee shall take all necessary steps to minimize or prevent any adverse impact to human health or the environment resulting from noncompliance with any effluent limits specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge. When necessary to maintain compliance with the permit requirements, the permittee shall halt or reduce those activities under its control which generate wastewater routed to this facility.

7. **Incidents:**

"Collection System Diversion" means the diversion of wastewater from any portion of the collection system.

"In-Plant Diversion" means routing the wastewater around any treatment unit in the treatment facility through which it would normally flow.

"In-Plant Flow Through" means an incident in which the wastewater continues to be routed though the equipment even though full treatment is not being accomplished because of equipment failure for any reason.

"Spill" means any discharge of wastewater, sludge or other materials from the treatment facility other than effluent or as more specifically described by other "Incidents" terms.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance or anticipated noncompliance with permit effluent limits because of factors beyond the reasonable control of the permittee, as described by 40 C.F.R. 122.41(n).

8. **Diversions not Exceeding Limits:** The permittee may allow any diversion to occur which does not cause effluent limits to be exceeded, but only if it also is for essential maintenance to assure efficient operation. Such diversions are not subject to the Incident Reporting requirements shown below.
9. **Prohibition of an In-Plant Diversion:** Any in-plant diversion from facilities necessary to maintain compliance with this permit is prohibited, except: (a) where the in-plant diversion was unavoidable to prevent loss of life, personal injury, or severe property damage; (b) where there were no feasible alternatives to the in-plant diversion, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime and (c) the permittee submitted a notice as required in the Incident Reporting paragraph below. The Director may approve an anticipated in-plant diversion, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above.

10. **Incident Reporting:** The permittee shall report any unanticipated collection system diversion, in-plant diversion, in-plant flow through occurrences, spill, upset or any violation of a permitted daily maximum limit within 24 hours from the time the permittee became aware of the incident. A written submission shall be provided within 5 days of the time the permittee became aware of the incident. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. An Incident Report form is available at www.kdheks.gov/water/tech.html.

For an anticipated incident or any planned changes or activities in the permitted facility that may result in noncompliance with the permit requirements, the permittee shall submit written notice, if possible, at least ten days before the date of the event.

For other noncompliance, the above information shall be provided with the next Discharge Monitoring Report.

11. **Removed Substances:** Solids, sludges, filter backwash, or other pollutants removed in the course of treatment of water shall be utilized or disposed of in a manner acceptable to the Division.
12. **Power Failures:** The permittee shall provide an alternative power source sufficient to operate the wastewater control facilities or otherwise control pollution and all discharges upon the loss of the primary source of power to the wastewater control facilities.
13. **Right of Entry:** The permittee shall allow authorized representatives of the Division of Environment or the Environmental Protection Agency upon the presentation of credentials, to enter upon the permittee's premises where an effluent source is located, or in which are located any records required by this permit, and at reasonable times, to have access to and copy any records required by this permit, to inspect any facilities, monitoring equipment or monitoring method required in this permit, and to sample any influents to, discharges from or materials in the wastewater facilities.
14. **Transfer of Ownership:** The permittee shall notify the succeeding owner or controlling person of the existence of this permit by certified letter, a copy of which shall be forwarded to the Division. The succeeding owner shall secure a new permit. This permit is not transferable to any person except after notice and approval by the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.
15. **Records Retention:** Unless otherwise specified, all records and information resulting from the monitoring activities required by this permit, including all records of analyses and calibration and maintenance of instruments and recordings from continuous monitoring instruments, shall be retained for a minimum of 3 years, or longer if requested by the Division. Biosolids/sludge records and information are required to be kept for a minimum of 5 years, or longer if requested by the Division. Groundwater monitoring data, including background samples results, shall be kept for the life of the facility regardless of ownership.
16. **Availability of Records:** Except for data determined to be confidential under 33 USC Section 1318, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential. Knowingly making any false statement on any such report or tampering with equipment to falsify data may result in the imposition of criminal penalties as provided for in 33 USC Section 1319 and KSA 65-170c.
17. **Permit Modifications and Terminations:** As provided by KAR 28-16-62, after notice and opportunity for a hearing, this permit may be modified, suspended or revoked or terminated in whole or in part during its term for cause as provided, but not limited to those set forth in KAR 28-16-62 and KAR 28-16-28b through g. The permittee shall furnish to the Director, within a reasonable amount of time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish upon request, copies of all records required to be kept by this permit. 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.

18. Toxic Pollutants: Notwithstanding paragraph 17 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified at such effluent standards) is established under 33 USC Section 1317(a) for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition. Nothing in this permit relieves the permittee from complying with federal toxic effluent standards as promulgated pursuant to 33 USC Section 1317.
19. Administrative, Civil and Criminal Liability: The permittee shall comply with all requirements of this permit. Except as authorized in paragraph 9 above, nothing in this permit shall be construed to relieve the permittee from administrative, civil or criminal penalties for noncompliance as provided for in KSA 65-161 et seq., and 33 USC Section 1319.
20. Oil and Hazardous Substance Liability: Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under 33 USC Section 1321 or KSA 65-164 et seq. A municipal permittee shall promptly notify the Division by telephone upon discovering crude oil or any petroleum derivative in its sewer system or wastewater treatment facilities.
21. Industrial Users: A municipal permittee shall require any industrial user of the treatment works to comply with 33 USC Section 1317, 1318 and any industrial user of storm sewers to comply with 33 USC Section 1308.
22. Property Rights: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights nor any infringements of or violation of federal, state or local laws or regulations.
23. Operator Certification: The permittee shall, if required, ensure the wastewater facilities are under the supervision of an operator certified by the Department. If the permittee does not have a certified operator or loses its certified operator, appropriate steps shall be taken to obtain a certified operator as required by KAR 28-16-30 et seq.
24. Severability: The provisions of this permit are severable. If any provision of this permit or any circumstance is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected thereby.
25. Removal from Service: The permittee shall inform the Division at least three months before a pumping station, treatment unit, or any other part of the treatment facility permitted by this permit is to be removed from service and shall make arrangements acceptable to the Division to decommission the facility or part of the facility being removed from service such that the public health and waters of the state are protected.
26. Duty to Reapply: A permit holder wishing to continue any activity regulated by this permit after the expiration date, must apply for a new permit at least 180 days prior to expiration of the permit.