Application No. OH0132314

Issue Date: December 3, 2010

Effective Date: January 1, 2011

Expiration Date: December 31, 2015

Ohio Environmental Protection Agency
Authorization to Discharge Under the
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Inguran, LLC

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge manure and storm water associated with industrial activity from the Ohio Feedlot CAFO located at 11000 Huntington Road, South Charleston, Ohio, Clark County and discharging to Little Miami River in accordance with the terms and conditions specified in Parts I, II, III and VII of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

_____
Chris Korleski
Director

Total Pages: 58

Part I, A. - DAILY MAXIMUM DISCHARGE LIMITATIONS

1. CAFO PRODUCTION AREA

a. Beginning on the effective date of this permit, there shall be no discharge of manure pollutants from the production area to waters of the State, except that pollutants in an overflow may be discharged when a 25-year, 24-hour storm event (or greater) or a chronic rainfall event causes an overflow from the production area, which is properly designed, constructed, operated, and maintained to contain manure, direct precipitation, and the runoff from a 25-year, 24-hour rainfall event, and the production area is operated in compliance with the additional measures and records required in Part II and Part VII. If an overflow occurs in compliance with the previous sentence, Ohio Water Quality Standards shall not be exceeded in the receiving water of the State. Any overflow that occurs in accordance with the above shall be noted in the operating records for the facility. In order for the permittee to use this discharge exception, the permittee must provide documentation that establishes the conditions necessary to meet the exception.

b. Dry weather discharges of manure are prohibited from production and land application areas.

c. Storm water associated with industrial activity can be discharged in accordance with this permit as long as good housekeeping practices are conducted to ensure that the storm water is not contaminated by manure. See Part I, B for monitoring requirements.

d. Any spill, discharge, or overflow of pollutants from the production area to waters of the State shall not cause an exceedance of Ohio Water Quality Standards in the receiving water of the State.

e. If a spill, discharge or overflow of manure occurs at any time from the production area to waters of the State, the permittee shall collect and analyze grab samples from each spill, discharge or overflow for the following list of parameters:

00310 - Biochemical Oxygen Demand, 5 Day (BOD5) - mg/l
00610 - Nitrogen, Ammonia (NH3) - mg/l
00665 - Phosphorus, Total (P) - mg/l

(Note: units of mg/l)

The permittee shall: (a) collect the sample within 30 minutes of the first knowledge of the spill, discharge, or overflow; or (b) if sampling in that period is inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.

The permittee shall notify Ohio EPA by calling 1-800-282-9378 as soon as possible but no later than 24 hours following the first knowledge of the spill, discharge, or overflow. Immediate notification allows Ohio EPA to assist in clean up and remediation efforts and may reduce magnitude of environmental impact and extent of permit violations.

The permittee shall report the results of the spill, discharge, or overflow sample to Ohio EPA, Central Office, Division of Surface Water, within 14 days of occurrence. The report shall, at a minimum, contain the sample results of the aforementioned parameters, describe the reason for the spill, discharge, or overflow, the location, estimate of quantity and duration of the spill, discharge, or overflow, quantity and duration of the precipitation leading up to the event, as well as any measures taken to clean up and eliminate the spill, discharge, or overflow and prevent reoccurrence of the spill, discharge or overflow. See Part III, 12 and Part VII, Production Area Requirements.

f. The permittee shall ensure removal and disposal of animal carcasses in a manner that prevents discharge of pollutants to waters of the State and ensure that carcasses are not disposed of in the manure storage or treatment facility unless the facility is designed specifically to treat the carcasses. Please note that mortality compost is included in the definition of manure in Part I, A, 4 of this permit, therefore all permit requirements pertaining to manure also include mortality compost.

g. Chemicals and other contaminants shall not be disposed of in the manure storage or treatment facility unless the facility is designed specifically to treat such chemicals and contaminants.

h. Animals stabled or confined at the facility shall not come into contact with surface waters of the State.

2. LAND APPLICATION ACTIVITIES

a. There shall be no discharge of pollutants to waters of the State from manure stockpiles. See Part VII, B for stockpile setback restrictions.

b. There shall be no discharge to waters of the State during the process of applying manure to land.

c. There shall be no discharge of pollutants to waters of the State from land applied manure except for discharges that are composed of storm water runoff and/or snow melt runoff originating from a land area where manure from a CAFO has been applied in compliance with the manure management plan and this permit.

d. The permittee shall notify Ohio EPA by calling 1-800-282-9378 as soon as possible but no later than 24 hours following the first knowledge of a spill or discharge of pollutants from land applied manure that is not composed of storm water runoff (i.e., tile discharge during dry weather), except as required by Part VII, B for land application on frozen and/or snow covered ground. Immediate notification allows Ohio EPA to assist in clean up and remediation efforts and may reduce magnitude of environmental impact and extent of permit violations.

The permittee shall submit a written report of the event to Ohio EPA, Central Office, Division of Surface Water, within 14 days of the spill or discharge. The report shall, at a minimum, describe the reason for the spill or discharge, the location, estimate of quantity and duration of the spill or discharge, quantity and duration of the precipitation leading up to the event, land application records, as well as any measures taken to clean up and eliminate the spill or discharge and prevent reoccurrence of the spill or discharge. See Part III, 12 and Part VII, Production Area Requirements.

3. LIST OF POLLUTANTS

For the purpose of Part III, 12, A, 4 of this permit, the following list of pollutants is established: Biochemical Oxygen Demand, 5 Day (BOD5); Total Suspended Solids (TSS); Nitrogen, Ammonia (NH3); Nitrogen Kjeldahl, Total (TKN); Phosphorus, Total (P).

4. DEFINITIONS

25-YEAR, 24-HOUR STORM EVENT: means the maximum 24-hour precipitation event with a probable recurrence interval of once in 25 years (i.e., a storm event that has a 4% chance of happening in any given year) as defined by the National Weather Service in Technical Paper Number 40, "Rainfall Frequency Atlas of the United States", May 1961, and subsequent amendments, or equivalent regional or state rainfall probability information developed therefrom. Current information can be found in "Rainfall Frequency Atlas of the Midwest" (Bulletin 71, 1992, F.A. Huff and J.R. Angel, Midwestern Climate Center and the Illinois State Water Survey, Champaign, IL).

ANIMAL FEEDING OPERATION (AFO): is defined in 40 CFR 122.23(b)(1) as: "...a lot or facility (other than an aquatic animal production facility) where the following conditions are met: (i) Animals (other than aquatic animals) have been, are, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12-month period, and (ii) Crops, vegetation, forage growth, or post-harvest residues are not sustained in the normal growing season over any portion of the lot or facility".

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

CERTIFIED MANURE MANAGEMENT PLANNER: means a technical service provider as defined by United States Department of Agriculture in 7 CFR Part 652.2 as "an individual, entity, or public agency either: (1) certified by NRCS and placed on the approved list to provide technical services to participants; or, (2) selected by the Department to assist in the implementation of conservation programs covered by this part through a procurement contract, contribution agreement or cooperative agreement with the Department."

CHRONIC RAINFALL: means a series of wet weather conditions that preclude manure removal from a properly designed, constructed, maintained, and operated manure storage or treatment facility, precludes land application of manure in accordance with this permit, and exceeds the documented and/or State approved chronic rainfall design storage value used in the design of the manure storage or treatment facility.

CONCENTRATED ANIMAL FEEDING OPERATION (CAFO): means an AFO that is defined as a large CAFO or as a medium CAFO, or that is designated as a CAFO by the Director or Regional Administrator. Two or more AFOs under common ownership are considered to be a single AFO for the purposes of determining the number of animals at an operation, if they adjoin each other or if they use a common area or system for the disposal of wastes.

DISCHARGE: means the addition of any pollutant or combination of pollutants to the waters of the State from a point source. This definition includes additions of pollutants into waters of the state from: surface water runoff which is collected or channeled by man; discharges through pipes, sewers, or other conveyances owned by a State, municipality, or other person which do not lead to a treatment works; and discharges through pipes, sewers, or other conveyances leading into privately owned treatment works.

DRINKING WATER SOURCE PROTECTION AREA FOR A PUBLIC WATER SYSTEM USING GROUND WATER: means the surface and subsurface area surrounding a public water supply well(s) which will provide water from an aquifer to the well(s) within five years as delineated or endorsed by the Director under Ohio's wellhead protection and source water assessment and protection programs.

EMERGENCY MANAGEMENT ZONE (EMZ): means the surface and subsurface area in the immediate vicinity of a public water system intake as delineated or endorsed by the Director under the source waters assessment and protection program within which the public water supply owner/operator has little or no time to respond to potential contamination from a spill, release or weather related event. The standard emergency management zone boundary consists of a semi-circle that extends five hundred feet upstream of the intake and one hundred feet downstream of the intake, except as modified due to local conditions.

FLOODPLAIN: means the area adjoining any river, stream, watercourse or lake that has been or may be covered by floodwater.

FORECAST: means the daily "hour by hour" forecast as presented by The Weather Channel (www.weather.com), or equivalent. More specifically, the forecast for the zip code that represents the land application area/site shall be printed/recorded up to, but not greater than 24-hours prior to each land application event at any site. The percent chance of rain listed under the hour by hour forecast shall be used to determine compliance with Part VII, B, 2 of this permit.

FREEBOARD: means the linear distance in feet from the top of the water surface measured vertically to the lowest possible overflow elevation (i.e., the top of the bank of the lagoon/storage/retention structure or any overflow structure).

INNER MANAGEMENT ZONE (IMZ): means the surface and subsurface area within a drinking water source protection area for a public water system using ground water surrounding a public water supply well(s) that will provide water to the well(s) within one year as delineated or endorsed by the Director under the wellhead protection program and the source water assessment and protection program.

LAND APPLICATION: means the placement of manure or process wastewater within the boundaries of a land application site by: 1) spraying or spreading onto the land surface; 2) injection below the land surface in the crop root zone using equipment specifically designed for this purpose; or 3) incorporation into the soil by means of the mixing of manure with the surface soil using standard agricultural practices, such as tillage.

LARGE CAFO: means an AFO that stables or confines as many as or more than the numbers of animals specified in any of the following categories: (i) 700 mature dairy cows, whether milked or dry; (ii) 1,000 veal calves; (iii) 1,000 cattle other than mature dairy cows or veal calves. Cattle includes but is not limited to heifers, steers, bulls and cow/calf pairs; (iv) 2,500 swine each weighing 55 pounds or more; (v) 10,000 swine each weighing less than 55 pounds; (vi) 500 horses; (vii) 10,000 sheep or lambs; (viii) 55,000 turkeys; (ix) 30,000 laying hens or broilers, if the AFO uses a liquid manure handling system; (x) 125,000 chickens (other than laying hens), if the AFO uses other than a liquid manure handling system; (xi) 82,000 laying hens, if the AFO uses other than a liquid manure handling system; (xii) 30,000 ducks (if the AFO uses other than a liquid manure handling system); (xiii) 5,000 ducks (if the AFO uses a liquid manure handling system).

MANURE: means any of the following wastes used in or resulting from the production of agricultural animals or direct agricultural products such as milk or eggs: animal excreta, discarded products, bedding, litter, process wastewater, process generated wastewater, waste feed, silage drainage and leachate, compost products resulting from mortality composting or the composting of animal excreta.

MANURE STORAGE OR TREATMENT FACILITY: means any excavated, diked, or walled structure or combination of structures designed for the biological stabilization, holding, or storage of manure. This includes all collection ditches, conduits and swales for the collection of runoff from the production area and wastewater that is routed to the manure storage or treatment structure.

MULTI-YEAR PHOSPHORUS APPLICATION: means phosphorus applied to a field in excess of the crop needs for that year. In multi-year phosphorus applications, no additional manure, litter, or process wastewater is applied to the same land in subsequent years until the applied phosphorus has been removed from the field via harvest and crop removal.

OVERFLOW: means the discharge of manure or process wastewater resulting from the filling of wastewater or manure storage structures beyond the point at which no more manure, process wastewater, or storm water can be contained by the structures.

POLLUTANT: means the following as defined under 40 CFR 122.2: "dredged spoil, solid waste, incinerator residue, filter back-wash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials..., heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial municipal, and agricultural waste discharged into water."

PROCESS WASTEWATER: means water directly or indirectly used in the operation of the AFO for any or all of the following: spillage or overflow from animal or poultry watering systems; washing, cleaning or flushing pens, barns, manure pits or other AFO facilities; direct contact swimming, washing, or spray cooling of animals; and dust control. Process wastewater also includes any water which comes into contact with any raw materials, products or byproducts, including manure, litter, feed, milk, eggs or bedding.

PRODUCTION AREA: means that part of an AFO that includes the animal confinement area, the manure storage area, the raw materials storage area, and the waste containment areas. The animal confinement area includes but is not limited to open lots, housed lots, feedlots, confinement houses, stall barns, free stall barns, milkrooms, milking centers, cowyards, barnyards, medication pens, walkers, animal walkways, and stables. The manure storage area includes but is not limited to lagoons, runoff ponds, storage sheds, stockpiles, under house or pit storages, liquid impoundments, static piles, and composting piles. The raw materials storage area includes but is not limited to feed silos, silage bunkers, bedding materials, and areas used for storage of pesticides, herbicides, disinfectants, pharmaceuticals, and fertilizers. The waste containment area includes but is not limited to settling basins, and areas within berms and diversions which separate uncontaminated storm water. Also included in the definition of production areas is any egg washing or egg processing facility, and any area used in the storage, handling, treatment or disposal of mortalities.

PUBLIC WATER SYSTEM (PWS): means a system which provides water for human consumption through pipes or other constructed conveyances, if such system has at least fifteen service connections or regularly serves an average of at least twenty-five individuals daily at least sixty days out of the year. Such term includes any collection, treatment, storage, and distribution facilities under control of the operator of such system and used primarily in connection with such system, any collection or pretreatment storage facilities not under such control which are primarily in connection with such system, and any water supply system serving an agriculture labor camp, as defined in section 3733.41 of the Revised Code. A public water system is either a community water system or a noncommunity water system. A community water system means a public water system which serves at least fifteen service connections used by year-round residents or regularly serves at least twenty-five year-round residents. A noncommunity water system means a public water system that is not a community water system. A nontransient noncommunity water system means a public water system that is not a community water system and that regularly serves at least twenty-five of the same persons six months per year. A transient noncommunity water system means a noncommunity public water system that does not regularly serve at least twenty-five of the same persons over six months of the year.

SETBACK: means a specified distance from surface waters or potential conduits to surface waters where manure, litter, and process wastewater may not be land applied. Examples of conduits to surface waters include but are not limited to: open tile line intake structures, sinkholes, and agriculture wellheads.

SOURCE WATER ASSESSMENT AND PROTECTION PROGRAM: means Ohio EPA's source water assessment and protection program based on the Safe Drinking Water Act (88 Stat. 1660, 42 U.S.C. 300(f), as amended in 1996) and approved by U.S. EPA in November 1999.

SPILL: means a discharge, usually (but not exclusively) a small, inadvertent discharge of manure, toxic pollutant or hazardous substance, not caused by weather conditions.

STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITY: means the following under 40 CFR Part 122.26 "discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. This term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process wastewaters (as defined in 40 CFR Part 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, stroage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. Material handling activities include storage, loading and unloading, transportation, or conveyance of any raw product, intermediate product, final product, by-product or waste product. The term excludes areas located on plant land separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas."

UPSET: means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment or storage facilities, inadequate treatment or storage facilities, lack of preventative maintenance, or careless or improper operation.

VEGETATED BUFFER: means a narrow, permanent strip of dense perennial vegetation established parallel to the contours of and perpendicular to the dominant slope of the field for the purposes of slowing water runoff, enhancing water infiltration, and minimizing the risk of any potential nutrients or pollutants from leaving the field and reaching surface waters.

WATER QUALITY STANDARDS: defined in 40 CFR 130.2(d) as: "Provisions of State or Federal law which consist of a designated use or uses for the waters of the United States and water quality criteria for such waters based upon such uses. Water quality standards are to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act." The State of Ohio's water quality standards are contained in Ohio Administrative Code (OAC) 3745-1.

WATERS OF THE STATE: defined in Rule ORC 6111.01(H) as: "means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, regardless of the depth of the strata in which underground water is located, which are situated wholly or partly within, or border upon, this state, or are within its jurisdiction, except those private waters which do not combine or effect a junction with natural surface or underground waters."

WELLHEAD PROTECTION PROGRAM: means Ohio EPA's wellhead protection program based on the Safe Drinking Water Act (88 Stat. 1660, 42 U.S.C. 300(f), as amended in 1996) and approved by U.S. EPA in November 1992.

5. STATION DESCRIPTION.

Description of the location of the required sampling stations are as follows:

Sampling Station	Description of Location
1IK00001001	Drainageway west of Barn 1 north of closed feed mill
.	(39 deg 49 min 23 sec N, 83 deg 35 min 53 sec W)
1IK00001002	Drainageway between Barn 1 & Barn 2 at catch basin
.	(39 deg 49 min 17 sec N, 83 deg 35 min 49 sec W)
1IK00001003	Drainageway between Barn 2 & Barn 3 at catch basin
.	(39 deg 49 min 17 sec N, 83 deg 35 min 38 sec W)
1IK00001004	Drainageway between Barn 3 & Barn 4 at catch basin
.	(39 deg 49 min 17 sec N, 83 deg 35 min 31 sec W)
1IK00001005	Drainageway along east side of Barn 4
.	(39 deg 49 min 16 sec N, 83 deg 35 min 26 sec W)

Part I, B. - STORM WATER MONITORING REQUIREMENTS

1. 001 - STORM WATER Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the Storm Water Drainageway, referred to herein as Station Number 1IK00001001, and report to the Ohio EPA in accordance with the following table. See Part I, A, 5, STATION DESCRIPTION, for description of sampling station.

Table - Bypass Monitoring - 001 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00310 - Biochemical Oxygen Demand, 5 Day - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5

Notes For Station Number 1IK00001001:

A Monthly Operating Report (Form 4500) for this Station must be submitted twice per year.
a. PARAMETERS 00310 - BOD5, 00610 - Ammonia, and 00665 - Total Phosphorus shall be monitored and report twice per year (2/Year) during the months of May and November during wet weather. The exact day/time of monitoring shall be determined in the field by the operator provided that the grab sample from the drainageway is from runoff resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event but no greater than the 25-year, 24-hour storm event. The grab sample shall be taken during the first thirty (30) minutes of the rainfall event. If collection of a grab sample during the first thirty minutes in inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.
b. Total Precipitation (00045) shall be reported for at least two days prior to sampling event as well as the day of the sampling event.
c. Grab samples shall be collected at such times and locations, and in such a fashion, as to be representative of storm water associated with industrial activity from the facility.
If Station 1IK00001001 drainageway does not discharge during the entire month (including during the above rainfall event), then report code "AL" on the discharge monitoring report and note as such on the reporting form.

Part I, B. - STORM WATER MONITORING REQUIREMENTS

1. 002 - STORM WATER Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the Storm Water Drainageway, referred to herein as Station Number 1IK00001002, and report to the Ohio EPA in accordance with the following table. See Part I, A, 5, STATION DESCRIPTION, for description of sampling station.

Table - Bypass Monitoring - 002 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00310 - Biochemical Oxygen Demand, 5 Day - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5

Notes For Station Number 1IK00001002:

A Monthly Operating Report (Form 4500) for this Station must be submitted twice per year.
a. PARAMETERS 00310 - BOD5, 00610 - Ammonia, and 00665 - Total Phosphorus shall be monitored and report twice per year (2/Year) during the months of May and November during wet weather. The exact day/time of monitoring shall be determined in the field by the operator provided that the grab sample from the drainageway is from runoff resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event but no greater than the 25-year, 24-hour storm event. The grab sample shall be taken during the first thirty (30) minutes of the rainfall event. If collection of a grab sample during the first thirty minutes in inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.
b. Total Precipitation (00045) shall be reported for at least two days prior to sampling event as well as the day of the sampling event.
c. Grab samples shall be collected at such times and locations, and in such a fashion, as to be representative of storm water associated with industrial activity from the facility.
If Station 1IK00001002 drainageway does not discharge during the entire month (including during the above rainfall event), then report code "AL" on the discharge monitoring report and note as such on the reporting form.

Part I, B. - STORM WATER MONITORING REQUIREMENTS

1. 003 - STORM WATER Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the Storm Water Drainageway, referred to herein as Station Number 1IK00001003, and report to the Ohio EPA in accordance with the following table. See Part I, A, 5, STATION DESCRIPTION, for description of sampling station.

Table - Bypass Monitoring - 003 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00310 - Biochemical Oxygen Demand, 5 Day - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5

Notes For Station Number 1IK00001003:

A Monthly Operating Report (Form 4500) for this Station must be submitted twice per year.
a. PARAMETERS 00310 - BOD5, 00610 - Ammonia, and 00665 - Total Phosphorus shall be monitored and report twice per year (2/Year) during the months of May and November during wet weather. The exact day/time of monitoring shall be determined in the field by the operator provided that the grab sample from the drainageway is from runoff resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event but no greater than the 25-year, 24-hour storm event. The grab sample shall be taken during the first thirty (30) minutes of the rainfall event. If collection of a grab sample during the first thirty minutes in inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.
b. Total Precipitation (00045) shall be reported for at least two days prior to sampling event as well as the day of the sampling event.
c. Grab samples shall be collected at such times and locations, and in such a fashion, as to be representative of storm water associated with industrial activity from the facility.
If Station 1IK00001003 drainageway does not discharge during the entire month (including during the above rainfall event), then report code "AL" on the discharge monitoring report and note as such on the reporting form.

Part I, B. - STORM WATER MONITORING REQUIREMENTS

1. 004 - STORM WATER Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the Storm Water Drainageway, referred to herein as Station Number 1IK00001004, and report to the Ohio EPA in accordance with the following table. See Part I, A, 5, STATION DESCRIPTION, for description of sampling station.

Table - Bypass Monitoring - 004 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00310 - Biochemical Oxygen Demand, 5 Day - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5

Notes For Station Number 1IK00001004:

A Monthly Operating Report (Form 4500) for this Station must be submitted twice per year.
a. PARAMETERS 00310 - BOD5, 00610 - Ammonia, and 00665 - Total Phosphorus shall be monitored and report twice per year (2/Year) during the months of May and November during wet weather. The exact day/time of monitoring shall be determined in the field by the operator provided that the grab sample from the drainageway is from runoff resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event but no greater than the 25-year, 24-hour storm event. The grab sample shall be taken during the first thirty (30) minutes of the rainfall event. If collection of a grab sample during the first thirty minutes in inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.
b. Total Precipitation (00045) shall be reported for at least two days prior to sampling event as well as the day of the sampling event.
c. Grab samples shall be collected at such times and locations, and in such a fashion, as to be representative of storm water associated with industrial activity from the facility.
If Station 1IK00001004 drainageway does not discharge during the entire month (including during the above rainfall event), then report code "AL" on the discharge monitoring report and note as such on the reporting form.

Part I, B. - STORM WATER MONITORING REQUIREMENTS

1. 005 - STORM WATER Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the Storm Water Drainageway, referred to herein as Station Number 1IK00001005, and report to the Ohio EPA in accordance with the following table. See Part I, A, 5, STATION DESCRIPTION, for description of sampling station.

Table - Bypass Monitoring - 005 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	When Disch.	24hr Total	All
00310 - Biochemical Oxygen Demand, 5 Day - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Year	Grab	Semi-annual - 5

Notes For Station Number 1IK00001005:

A Monthly Operating Report (Form 4500) for this Station must be submitted twice per year.
a. PARAMETERS 00310 - BOD5, 00610 - Ammonia, and 00665 - Total Phosphorus shall be monitored and report twice per year (2/Year) during the months of May and November during wet weather. The exact day/time of monitoring shall be determined in the field by the operator provided that the grab sample from the drainageway is from runoff resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event but no greater than the 25-year, 24-hour storm event. The grab sample shall be taken during the first thirty (30) minutes of the rainfall event. If collection of a grab sample during the first thirty minutes in inappropriate due to dangerous weather conditions, collect the sample as soon as possible after suitable conditions occur, and document the reason for delay.
b. Total Precipitation (00045) shall be reported for at least two days prior to sampling event as well as the day of the sampling event.
c. Grab samples shall be collected at such times and locations, and in such a fashion, as to be representative of storm water associated with industrial activity from the facility.
If Station 1IK00001005 drainageway does not discharge during the entire month (including during the above rainfall event), then report code "AL" on the discharge monitoring report and note as such on the reporting form.

Part II, OTHER REQUIREMENTS

A. This NPDES permit applies to the storage, collection, treatment, handling, and disposal/land application of manure and management of storm water associated with industrial activity associated with Ohio Feedlot, which was designed to house a maximum of 9,800 mature beef cattle. This operation shall not be expanded above the design capacity shown in this permit, or to encompass more land to be included in the production area, until Ohio EPA has been notified in writing of the intended actions. A modified NPDES permit reflecting the expansion will be required for significant changes (e.g., greater than 10 percent increase in animals confined).

B. The discharge of manure or other wastes to waters of the State as defined in ORC 6111.01 and which include surface waters, wetlands (not including constructed treatment wetlands), and ditches is prohibited except in compliance with this permit.

C. Spill prevention and good housekeeping techniques, along with diversion of clean water, shall be used to ensure that uncontained storm water from the production area is not contaminated by manure and to ensure that storm water discharges from the following areas maintain Ohio Water Quality Standards in the receiving waters of the State: immediate access roads and rail lines used or traveled by carriers or raw materails, products, waste material, or by-products used or created by the CAFO; refuse sites; sites used for the storage and maintenance of material handling equipment; and shipping and receiving areas. Storm water that is contaminated by manure or raw material (such as silage) is process wastewater, which is included in the definition of manure in Part I, A, 4, and may only be discharged in accordance with Part I, A of this permit.

D. The permittee shall maintain the manure storage or treatment facilities (including regular solids removal) to ensure that the design storage volume is provided, as approved by Ohio EPA or ODA or necessary to acheive complaince with this permit, whichever is greater. See Part VII.

E. The permittee shall give advance notice to Ohio EPA of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

F. Ohio Feedot is located in the Upper Little Miami River Total Maximum Daily Load (TMDL) watershed area. The Upper Little Miami River TMDL establishes the following reductions of pollutants in the Little Miami River: sixty percent reduction of phosphorus and thirty percent reduction of sediment. If the Director determines that this permit and the Manure Management Plan are not effective in achieving progress towards these reductions, this permit and/or the requirements of the Manure Management Plan may be modified in accordance with Part III, 18.

G. The permittee (or employee(s) appointed by the owner/operator) shall attend a manure management and water quality protection training and/or seminar at least once per year. Examples of training/seminars include Ohio State University Extension Manure Science Review, participation in the Livestock Environmental Assurance Program (LEAP), and Ohio Department of Agriculture's Certified Livestock Manure Manager training. The permittee shall maintain documentation of training/seminar attendance in the facility records and submit a copy of this documentation with the annual report required in Part II, K.

H. The permittee shall be responsible for proper operation and maintenance of the manure storage, treatment, or disposal system.

I. Any variation from the operational practices included in this NPDES permit must be authorized by Ohio EPA in advance.

J. Manure Management Plans

With the exception of Insect and Rodent Control Plans, the Manure Management Plan (MMP) received by Ohio EPA on April 22, 2010, reviewed, and approved by the Director through issuance of this NPDES permit is incorporated as a condition of this NPDES permit.

1. SIGNATURE AND PLAN REVIEW
a. The plan shall be retained onsite at the CAFO.
b. The Director may notify the permittee at any time that the plan does not meet one or more of the minimum requirements of this permit. Within 30 days of such notification from the Director, the permittee shall make the required changes to the plan and shall submit to the Director a revised plan demonstrating that the requested changes have been made.

2. KEEPING PLANS CURRENT
The permittee shall amend the plan prior to a change in design, construction, operation, or maintenance, which has an effect on the potential for the discharge of pollutants to the surface waters of the State or if the MMP proves to be ineffective in eliminating or minimizing pollutants from sources identified under Part I, A, 3, or otherwise achieving the general objectives of minimizing pollutant discharges associated with the CAFO.

When a permittee proposes to makes changes to the MMP previously submitted to and approved by the Director, the permittee shall provide the Director with the most current version of the MMP and identify changes from the previous version in a cover letter prior to implementation of the changes. The results of calculations made in accordance with Part II, J, 4 are not subject to this notification requirement.

The Director will review the revised MMP to ensure that it meets the requirements of this permit and will determine whether the changes to the MMP necessitate revision to the terms of the MMP incorporated into this permit. If no revision is necessary, the Director will notify the permittee and upon such notification the permittee shall implement the revised plan. If revision to the terms of the MMP is necessary, the Director will follow the applicable modification process in 40 CFR Part 122.42(e)(6)(A) to revise the terms of the MMP incorporated into this permit. Modified MMP submittals with substantial changes are subject to a 30-day public notification period on the Ohio EPA website.

Examples of substantial changes to a MMP requiring a permit modification include, but are not limited to:
a. Addition of new land application areas not previously included in the MMP;
b. Any changes to the field-specific maximum annual rates for land application and to the maximum amounts of nitrogen and phosphorus derived from all sources for each crop;
c. Addition of any crop or other uses not included in the MMP and corresponding field-specific rates of application; and
d. Changes to site-specific components of the MMP, where such changes are likely to increase the risk of nitrogen and phosphorus transport to waters of the State.

3. CONTENTS OF PLAN
The manure management plan shall address the form, source, amount, timing, agronomic rate, and method of application of nutrients to each field to achieve compliance with this permit, ensure appropriate agricultural utilization of the nutrients, and minimize movement of pollutants to surface waters. To the extent applicable, the MMP shall address the following:

a. Storage of manure, management of mortalities, diversion of clean water, prevention of contact of animals with waters of the State, and proper chemical handling to ensure compliance with Parts I, A, 1, Part II, and Part VII of this permit.
b. Inspections, monitoring, and maintenance activities for structures and equipment involved in manure handling and storage in compliance with Part II and Part VII, Production Area Requirements of this permit.
c. If applicable, a land application plan that will be implemented to comply with Part VII of this permit, including: 1) a total nutrient budget; 2) manure and soil characterizations; 3) application methods and timing that will minimize nutrient transport to waters of the State; and 4) field specific agronomic application rates.
d. If applicable, a distribution and utilization plan including 1) total nutrient budget; 2) manure characterization; and 3) manure removal methods and timing that will minimize nutrient transport to waters of the State.
e. Site specific conservation practices to be implemented, including as appropriate buffers or equivalent practices, to control runoff of pollutants to waters of the State.

4. ANNUAL CALCULATIONS
The permittee shall calculate the maximum amount of manure to be land applied at least once each year using the results of the most recent representative manure tests for nitrogen and phosphorus taken within twelve months of the date of land application. The results shall be submitted to Ohio EPA by January 31 of each year as part of the Annual Report. See Part II, K.

5. ANNUAL REVIEW
The annual review and update shall include field-specific information that identifies when manure will be applied, where manure will be applied, the method of application, and how much manure will be applied to each field during the following growing season, except where manure ownership is transferred. The permittee shall annually review the MMP for the following:

1. Manure sources or amounts.
2. Manure nutrient content.
3. Methods of application.
4. Fields used for application.
5. Crop rotations.
6. Expected crop yields.
7. Soil test results.
8. Manure storage practices.
9. Other management changes which affect the available nutrient amounts, crop nutrient needs, setbacks, or production area operation and maintenance.

K. ANNUAL REPORT: By January 31 of each year, the permittee shall submit an annual report to Ohio EPA, Central Office, Division of Surface Water. The annual report shall be submitted on forms prepared by the Director and shall include, but not necessarily be limited to, the following:

1. The number and type of animals confined in the previous year.
2. Estimated amount of manure generated in the previous year in gallons or tons.
3. Total amount of manure removed from the facility for land application and/or distribution or utilization in gallons or tons.
4. Total number of acres for land application covered by the MMP.
5. Total number of acres under the control of the permittee that were used for land application in the previous year.
6. Manure distribution or utilization records.
7. Summary of the number of discharges from the production area and the number of discharges from land application areas that were not composed of agricultural storm water runoff for the past year, including date, time and approximate volumes.
8. Information on any non-compliance not previously reported to Ohio EPA. 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 reoccurrence of the noncompliance.
9. A statement indicating if the MMP was developed by a certified manure management planner.
10. A copy of the training/seminar attendence documentation as required in Part II, G of this permit.
11. The actual crop(s) planted and actual yield(s) for each field, the actual nitrogen and phosphorus content of the manure, the results of calculations conducted in accordance with Part II, J, 4, and the amount of manure applied to each field during the previous twelve months.

L. Distribution and Utilization: For manure that is distributed to others persons (per Part VII, B, 6 of this permit), the permittee shall record the recipient's name and address, and approximate amount of manure transferred to that recipient, and the date of the transfer. The permittee shall provide the most current nutrient analysis to the recipient. If the permittee is notified by Ohio EPA, Ohio Department of Agriculture, or Ohio Department of Natural Resouces, or otherwise becomes aware that the recipient is not in compliance with ORC 6111 (e.g., causing a nonexempt discharge of manure to waters of the State), the permittee shall cease providing manure to the recipient until written authorization to continue is provided by Ohio EPA.

OPERATION/MANAGEMENT PRACTICES

M. The manure handling equipment shall be effectively maintained and operated at all times so that there is no discharge to waters of the State, except in compliance with Part I, A. In the event that the equipment fails to perform satisfactorily, including the creation of nuisance conditions or failure of an application area to adequately assimilate the manure, the permittee shall take immediate corrective actions including those actions that may be required by Ohio EPA, such as the aquisition of equipment capable of properly applying manure in the proper approved amounts in accordance with this permit.

N. In the event this facility is closed for production purposes, or is no longer a CAFO, this permit shall remain effective until the permittee demonstrates to the satisfaction of the Director that there is no remaining potential for a discharge of manure that was generated while the operation was a CAFO, other than agricultural storm water from land application areas. All manure shall be properly disposed of, and in the case of facility closure, the manure storage or treatment facilities shall be properly closed.

O. A protective vegetative cover shall be established and maintained on all earthen basin embankments (outside toe of embankment to maximum operating elevation), berms, pipe runs, erosion control areas, and surface water diversions. Trees, shrubs, and other woody vegetation shall not be allowed to grow on the earthen basin, dikes, or embankments. Earthen basin embankment areas shall be kept mowed or otherwise controlled and accessible.

P. Adequate manure storage volume shall be provided and maintained to prevent the necessity of land applying manure on frozen and/or snow covered ground. No later than September 15 of each year, the permittee shall evaluate the storage capacity in their manure storage or treatment facilities and determine what steps are needed to avoid the need to land apply manure on frozen or snow covered fields for the upcoming winter. For example, a CAFO should plan to have at least four months of storage capacity available by December 1. The operating record for the facility shall include documentation of the storage level as well as what was considered in this evaluation, and what actions were taken to avoid the need for land application of manure on frozen or snow covered ground. Failure to perform the evaluation or failure to take action if the evaluation indicates that action was necessary to avoid land application on frozen or snow covered ground shall be considered a violation of this permit. See Part VII, B, 5.

Q. A rain gauge shall be kept on site at the CAFO and properly maintained. A log of all measurable rainfall events shall be kept with the Manure Management Plan.

R. All records required by this permit including documentation of inspections and manure land application must be retained by the permittee for a period of five years from the date of the documented activity. This includes a complete copy of the information required by 40 CFR 122.21(i)(1) and 40 CFR 122.42(e)(1)(ix) and the records speciified in paragraphs (b)(1) through (b)(6) of 40 CFR 412.37.

PART III - GENERAL CONDITIONS

1. DEFINITIONS

"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 measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

"Average weekly" discharge limitation 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. Each of the following 7-day periods is defined as a calendar week: Week 1 is Days 1 - 7 of the month; Week 2 is Days 8 - 14; Week 3 is Days 15 - 21; and Week 4 is Days 22 - 28. If the "daily discharge" on days 29, 30 or 31 exceeds the "average weekly" discharge limitation, Ohio EPA may elect to evaluate the last 7 days of the month as Week 4 instead of Days 22 - 28. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"Average monthly" discharge limitation 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. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"85 percent removal" means the arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period.

"Absolute Limitations" Compliance with limitations having descriptions of "shall not be less than," "nor greater than," "shall not exceed," "minimum," or "maximum" shall be determined from any single value for effluent samples and/or measurements collected.

"Net concentration" shall mean the difference between the concentration of a given substance in a sample taken of the discharge and the concentration of the same substances in a sample taken at the intake which supplies water to the given process. For the purpose of this definition, samples that are taken to determine the net concentration shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"Net Load" shall mean the difference between the load of a given substance as calculated from a sample taken of the discharge and the load of the same substance in a sample taken at the intake which supplies water to given process. For purposes of this definition, samples that are taken to determine the net loading shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"MGD" means million gallons per day.

"mg/l" means milligrams per liter.

"ug/l" means micrograms per liter.

"ng/l" means nanograms per liter.

"S.U." means standard pH unit.

"kg/day" means kilograms per day.

"Reporting Code" is a five digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

"Quarterly (1/Quarter) sampling frequency" means the sampling shall be done in the months of March, June, August, and December, unless specifically identified otherwise in the Effluent Limitations and Monitoring Requirements table.

"Yearly (1/Year) sampling frequency" means the sampling shall be done in the month of September, unless specifically identified otherwise in the effluent limitations and monitoring requirements table.

"Semi-annual (2/Year) sampling frequency" means the sampling shall be done during the months of June and December, unless specifically identified otherwise.

"Winter" shall be considered to be the period from November 1 through April 30.

"Bypass" means the intentional diversion of waste streams from any portion of the treatment facility.

"Summer" shall be considered to be the period from May 1 through October 31.

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause 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.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

"Sewage sludge" means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works as defined in section 6111.01 of the Revised Code. "Sewage sludge" includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes. "Sewage sludge" does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator, grit and screenings generated during preliminary treatment of domestic sewage in a treatment works, animal manure, residue generated during treatment of animal manure, or domestic septage.

"Sewage sludge weight" means the weight of sewage sludge, in dry U.S. tons, including admixtures such as liming materials or bulking agents. Monitoring frequencies for sewage sludge parameters are based on the reported sludge weight generated in a calendar year (use the most recent calendar year data when the NPDES permit is up for renewal).

"Sewage sludge fee weight" means the weight of sewage sludge, in dry U.S. tons, excluding admixtures such as liming materials or bulking agents. Annual sewage sludge fees, as per section 3745.11(Y) of the Ohio Revised Code, are based on the reported sludge fee weight for the most recent calendar year.

2. GENERAL EFFLUENT LIMITATIONS

The effluent shall, at all times, be free of substances:

A. In amounts that will settle to form putrescent, or otherwise objectionable, sludge deposits; or that will adversely affect aquatic life or water fowl;

B. Of an oily, greasy, or surface-active nature, and of other floating debris, in amounts that will form noticeable accumulations of scum, foam or sheen;

C. In amounts that will alter the natural color or odor of the receiving water to such degree as to create a nuisance;

D. In amounts that either singly or in combination with other substances are toxic to human, animal, or aquatic life;

E. In amounts that are conducive to the growth of aquatic weeds or algae to the extent that such growths become inimical to more desirable forms of aquatic life, or create conditions that are unsightly, or constitute a nuisance in any other fashion;

F. In amounts that will impair designated instream or downstream water uses.

3. FACILITY OPERATION AND QUALITY CONTROL

All wastewater treatment works shall be operated in a manner consistent with the following:

A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes 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 conditions of the permit.

B. The permittee shall effectively monitor the operation and efficiency of treatment and control facilities and the quantity and quality of the treated discharge.

C. Maintenance of wastewater treatment works that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by Ohio EPA as specified in the Paragraph in the PART III entitled, "UNAUTHORIZED DISCHARGES".

4. REPORTING

A. Monitoring data required by this permit shall be submitted on Ohio EPA 4500 Discharge Monitoring Report (DMR) forms using the electronic DMR (e-DMR) internet application. e-DMR allows permitted facilities to enter, sign, and submit DMRs on the internet. e-DMR information is found on the following web page:

http://www.epa.ohio.gov/dsw/edmr/eDMR.aspx

Alternatively, if you are unable to use e-DMR due to a demonstrated hardship, monitoring data may be submitted on paper DMR forms provided by Ohio EPA. Monitoring data shall be typed on the forms. Please contact Ohio EPA, Division of Surface Water at (614) 644-2050 if you wish to receive paper DMR forms.

B. DMRs shall be signed by a facility's Responsible Official or a Delegated Responsible Official (i.e. a person delegated by the Responsible Official). The Responsible Official of a facility is defined as:

1. For corporations - a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

2. For partnerships - a general partner;

3. For a sole proprietorship - the proprietor; or,

4. For a municipality, state or other public facility - a principal executive officer, a ranking elected official or other duly authorized employee.

For e-DMR, the person signing and submitting the DMR will need to obtain an eBusiness Center account and Personal Identification Number (PIN). Additionally, Delegated Responsible Officials must be delegated by the Responsible Official, either on-line using the eBusiness Center's delegation function, or on a paper delegation form provided by Ohio EPA. For more information on the PIN and delegation processes, please view the following web page:

http://www.epa.ohio.gov/dsw/edmr/eDMRpin.aspx

C. DMRs submitted using e-DMR shall be submitted to Ohio EPA by the 20th day of the month following the month-of-interest. DMRs submitted on paper must include the original signed DMR form and shall be mailed to Ohio EPA at the following address so that they are received no later than the 15th day of the month following the month-of-interest:

Ohio Environmental Protection Agency
Lazarus Government Center
Division of Surface Water - PCU
P.O. Box 1049
Columbus, Ohio 43216-1049

D. Regardless of the submission method, a paper copy of the submitted Ohio EPA 4500 DMR shall be maintained onsite for records retention purposes (see Section 7. RECORDS RETENTION). For e-DMR users, view and print the DMR from the Submission Report Information page after each original or revised DMR is submitted. For submittals on paper, make a copy of the completed paper form after it is signed by a Responsible Official or a Delegated Responsible Official.

E. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in Section 5. SAMPLING AND ANALYTICAL METHODS, the results of such monitoring shall be included in the calculation and reporting of the values required in the reports specified above.

F. Analyses of pollutants not required by this permit, except as noted in the preceding paragraph, shall not be reported to the Ohio EPA, but records shall be retained as specified in Section 7. RECORDS RETENTION.

5. SAMPLING AND ANALYTICAL METHOD

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored flow. Test procedures for the analysis of pollutants shall conform to regulation 40 CFR 136, "Test Procedures For The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

6. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

A. The exact place and date of sampling; (time of sampling not required on EPA 4500)

B. The person(s) who performed the sampling or measurements;

C. The date the analyses were performed on those samples;

D. The person(s) who performed the analyses;

E. The analytical techniques or methods used; and

F. The results of all analyses and measurements.

7. RECORDS RETENTION

The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years except those records that pertain to sewage sludge disposal, use, storage, or treatment, which shall be kept for a minimum of five years, including:

A. All sampling and analytical records (including internal sampling data not reported);

B. All original recordings for any continuous monitoring instrumentation;

C. All instrumentation, calibration and maintenance records;

D. All plant operation and maintenance records;

E. All reports required by this permit; and

F. Records of all data used to complete the application for this permit for a period of at least three years, or five years for sewage sludge, from the date of the sample, measurement, report, or application.

These periods will be extended during the course of any unresolved litigation, or when requested by the Regional Administrator or the Ohio EPA. The three year period, or five year period for sewage sludge, for retention of records shall start from the date of sample, measurement, report, or application.

8. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled to confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate district offices of the Ohio EPA. Both the Clean Water Act and Section 6111.05 Ohio Revised Code state that effluent data and receiving water quality data shall not be considered confidential.

9. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

10. RIGHT OF ENTRY

The permittee shall allow the Director or an authorized representative upon 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 the permit.

C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.

D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

11. UNAUTHORIZED DISCHARGES

A. 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 11.B and 11.C.

B. Notice

1. 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.

2. Unanticipated Bypass - The permittee shall submit notice of an unanticipated bypass as required in paragraph 12.B (24 hour notice).

C. Prohibition of Bypass

1. Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:

a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

b. There were 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

c. The permittee submitted notices as required under paragraph 11.B.

2. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 11.C.1.

12. NONCOMPLIANCE NOTIFICATION

A. Exceedance of a Daily Maximum Discharge Limit

1. The permittee shall report noncompliance that is the result of any violation of a daily maximum discharge limit for any of the pollutants listed by the Director in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hournpdes@epa.state.oh.us
Southwest District Office: swdo24hournpdes@epa.state.oh.us
Northwest District Office: nwdo24hournpdes@epa.state.oh.us
Northeast District Office: nedo24hournpdes@epa.state.oh.us
Central District Office: cdo24hournpdes@epa.state.oh.us
Central Office: co24hournpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site:

http://www.epa.ohio.gov/dsw/permits/permits.aspx

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The limit(s) that has been exceeded;

c. The extent of the exceedance(s);

d. The cause of the exceedance(s);

e. The period of the exceedance(s) including exact dates and times;

f. If uncorrected, the anticipated time the exceedance(s) is expected to continue; and,

g. Steps taken to reduce, eliminate or prevent occurrence of the exceedance(s).

B. Other Permit Violations

1. The permittee shall report noncompliance that is the result of any unanticipated bypass resulting in an exceedance of any effluent limit in the permit or any upset resulting in an exceedance of any effluent limit in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hournpdes@epa.state.oh.us
Southwest District Office: swdo24hournpdes@epa.state.oh.us
Northwest District Office: nwdo24hournpdes@epa.state.oh.us
Northeast District Office: nedo24hournpdes@epa.state.oh.us
Central District Office: cdo24hournpdes@epa.state.oh.us
Central Office: co24hournpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site:

http://www.epa.ohio.gov/dsw/permits/permits.aspx

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The time(s) at which the discharge occurred, and was discovered;

c. The approximate amount and the characteristics of the discharge;

d. The stream(s) affected by the discharge;

e. The circumstances which created the discharge;

f. The name and telephone number of the person(s) who have knowledge of these circumstances;

g. What remedial steps are being taken; and,

h. The name and telephone number of the person(s) responsible for such remedial steps.

2. The permittee shall report noncompliance that is the result of any spill or discharge which may endanger human health or the environment within thirty (30) minutes of discovery by calling the 24-Hour Emergency Hotline toll-free at (800) 282-9378. The permittee shall also report the spill or discharge by e-mail or telephone within twenty-four (24) hours of discovery in accordance with B.1 above.

C. When the telephone option is used for the noncompliance reports required by A and B, the permittee shall submit to the appropriate Ohio EPA district office a confirmation letter and a completed noncompliance report within five (5) days of the discovery of the noncompliance. This follow up report is not necessary for the e-mail option which already includes a completed noncompliance report.

D. If the permittee is unable to meet any date for achieving an event, as specified in a schedule of compliance in their permit, the permittee shall submit a written report to the appropriate Ohio EPA district office within fourteen (14) days of becoming aware of such a situation. The report shall include the following:

1. The compliance event which has been or will be violated;

2. The cause of the violation;

3. The remedial action being taken;

4. The probable date by which compliance will occur; and,

5. The probability of complying with subsequent and final events as scheduled.

E. The permittee shall report all other instances of permit noncompliance not reported under paragraphs A or B of this section on their monthly DMR submission. The DMR shall contain comments that include the information listed in paragraphs A or B as appropriate.

F. If the permittee becomes aware that it failed to submit an application, or submitted incorrect information in an application or in any report to the director, it shall promptly submit such facts or information.

13. RESERVED

14. 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.

15. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act and Ohio Revised Code Sections 6111.09 and 6111.99.

16. DISCHARGE CHANGES

The following changes must be reported to the appropriate Ohio EPA district office as soon as practicable:

A. For all treatment works, any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation and reissuance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Notification of permit changes or anticipated noncompliance does not stay any permit condition.

B. For publicly owned treatment works:

1. Any proposed plant modification, addition, and/or expansion that will change the capacity or efficiency of the plant;

2. The addition of any new significant industrial discharge; and

3. Changes in the quantity or quality of the wastes from existing tributary industrial discharges which will result in significant new or increased discharges of pollutants.

C. For non-publicly owned treatment works, any proposed facility expansions, production increases, or process modifications, which will result in new, different, or increased discharges of pollutants.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. A determination will also be made as to whether a National Environmental Policy Act (NEPA) review will be required. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the Director of the Ohio EPA prior to initiation of construction.

D. In addition to the reporting requirements under 40 CFR 122.41(l) and per 40 CFR 122.42(a), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

1. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis of any toxic pollutant which is not limited in the permit. If that discharge will exceed the highest of the "notification levels" specified in 40 CFR Sections 122.42(a)(1)(i) through 122.42(a)(1)(iv).

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" specified in 122.42(a)(2)(i) through 122.42(a)(2)(iv).

17. TOXIC POLLUTANTS

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. Following establishment of such standards or prohibitions, the Director shall modify this permit and so notify the permittee.

18. PERMIT MODIFICATION OR REVOCATION

A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA, in whole or in part during its term for cause including, but not limited to, the following:

1. Violation of any terms or conditions of this permit;

2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

3. Change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

B. Pursuant to rule 3745-33-04, Ohio Administrative Code, the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the appropriate Ohio EPA district office at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

19. TRANSFER OF OWNERSHIP OR CONTROL

This permit may be transferred or assigned and a new owner or successor can be authorized to discharge from this facility, provided the following requirements are met:

A. The permittee shall notify the succeeding owner or successor of the existence of this permit by a letter, a copy of which shall be forwarded to the appropriate Ohio EPA district office. The copy of that letter will serve as the permittee's notice to the Director of the proposed transfer. The copy of that letter shall be received by the appropriate Ohio EPA district office sixty (60) days prior to the proposed date of transfer;

B. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) shall be submitted to the appropriate Ohio EPA district office within sixty days after receipt by the district office of the copy of the letter from the permittee to the succeeding owner;

At anytime during the sixty (60) day period between notification of the proposed transfer and the effective date of the transfer, the Director may prevent the transfer if he concludes that such transfer will jeopardize compliance with the terms and conditions of the permit. If the Director does not prevent transfer, he will modify the permit to reflect the new owner.

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 under Section 311 of the Clean Water Act.

21. SOLIDS DISPOSAL

Collected grit and screenings, and other solids other than sewage sludge, shall be disposed of in such a manner as to prevent entry of those wastes into waters of the state, and in accordance with all applicable laws and rules.

22. CONSTRUCTION AFFECTING NAVIGABLE WATERS

This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on UNAUTHORIZED DISCHARGES or UPSETS, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. STATE LAWS AND REGULATIONS

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 established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act.

25. 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 infringement of federal, state, or local laws or regulations.

26. UPSET

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "upset," see Part III, Paragraph 1, DEFINITIONS.

27. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

28. SIGNATORY REQUIREMENTS

All applications submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22.

All reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR Section 122.22.

29. OTHER INFORMATION

A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

C. ORC 6111.99 states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than $25,000 or imprisoned not more than one year, or both.

30. NEED TO HALT OR REDUCE ACTIVITY

40 CFR 122.41(c) states that 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 conditions of this permit.

31. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the effective date of this permit.

32. AVAILABILITY OF PUBLIC SEWERS

Not withstanding the issuance or non-issuance of an NPDES permit to a semi-public disposal system, whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee operating any semi-public disposal system shall abandon the semi-public disposal system and connect it into the publicly owned treatment works.