

Application No. OH0007960

Issue Date: May 8, 2006

Effective Date: January 1, 2007

Expiration Date: December 31, 2011

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),

Alpine Dairy, LLC (Subsidiary of Noresland, Inc.)

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the industrial wastewater treatment works located at 1658 Township Road 660, Paint Township, Ohio, Holmes County and discharging to RM 7.6 of the Middle Fork Sugar Creek via an unnamed tributary in accordance with the conditions specified in Parts I, II, and III of this permit.

I have determined that a lowering of water quality in the unnamed tributary and subsequently the Middle Fork Sugar Creek is necessary. In accordance with OAC 3745-1-05, this decision was reached only after examining a series of technical alternatives, reviewing social and economic issues related to the degradation, and considering all public and appropriate intergovernmental comments.

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.

Scott J. Nally
Director

Total Pages: 31

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3IH00100002. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 002 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Day	Grab	All
00083 - Color, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
00300 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	2/Week	Grab	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Week	Grab	All
00515 - Residue, Total Dissolved - mg/l	2677.5	-	-	1785	-	-	812.01	2/Week	Composite	All
00530 - Total Suspended Solids - mg/l	18.0	-	-	12.0	9.55	-	6.37	2/Week	Composite	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	1.5	-	-	1.0	0.79	-	0.53	2/Week	Composite	Summer
00610 - Nitrogen, Ammonia (NH3) - mg/l	4.5	-	-	3.0	2.39	-	1.59	2/Week	Composite	Winter
00665 - Phosphorus, Total (P) - mg/l	4.8	-	-	3.2	2.5	-	1.7	2/Week	Composite	All
01330 - Odor, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
01350 - Turbidity, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
31616 - Fecal Coliform - #/100 ml	2000	-	-	1000	-	-	-	2/Week	Grab	Winter
31616 - Fecal Coliform - #/100 ml	400	-	-	200	-	-	-	2/Week	Grab	Summer
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	24hr Total	All
80082 - CBOD 5 day - mg/l	15.0	-	-	10.0	7.96091	-	5.30727	2/Week	Composite	All

Notes for Station Number 3IH00100002:

* Effluent loadings based on average design flow of 0.140 MGD.

Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

Color, Odor and Turbidity - See Part II, Item F.

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3IH00100601. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Internal Monitoring Station - 601 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Week	Grab	All
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/Week	Composite	All
00530 - Total Suspended Solids - mg/l	18	-	-	12	5.458909	-	3.63927	1/Week	Composite	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	1.5	-	-	1.0	0.454909	-	0.303273	1/Week	Composite	Summer
00610 - Nitrogen, Ammonia (NH3) - mg/l	4.5	-	-	3.0	1.364727	-	0.909818	1/Week	Composite	Winter
00665 - Phosphorus, Total (P) - mg/l	8.4	-	-	5.6	2.547491	-	1.698327	1/Week	Composite	All
31616 - Fecal Coliform - #/100 ml	400	-	-	200	-	-	-	1/Week	Grab	Summer
31616 - Fecal Coliform - #/100 ml	2000	-	-	1000	-	-	-	1/Week	Grab	Winter
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	24hr Total	All
80082 - CBOD 5 day - mg/l	15	-	-	10	4.549091	-	3.032727	1/Week	Composite	All

Notes for station 3IH00100601:

Effluent loadings based on average design flow of 0.08 MGD.

Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3IH00100602. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Internal Monitoring Station - 602 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/Day	Continuous	All
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	24hr Total	All

Notes for station 3IH00100602:

Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 3IH00100581, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 581 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units		Loading* kg/day					Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00611 - Ammonia (NH3) In Sludge - mg/kg	-	-	-	-	-	-	-	1/Month	Grab	All
00627 - Nitrogen Kjeldahl, Total In Sludge - mg/kg	-	-	-	-	-	-	-	1/Month	Grab	All
00668 - Phosphorus, Total In Sludge - mg/kg	-	-	-	-	-	-	-	1/Month	Grab	All
70318 - Sludge Solids, Percent Total - %	-	-	-	-	-	-	-	1/Month	Grab	All
70322 - Sludge Solids, Percent Volatile - %	-	-	-	-	-	-	-	1/Month	Grab	All
80991 - Sludge Volume, Gallons - Gals	-	-	-	-	-	-	-	1/Month	Total	All

NOTES for Station Number 3IH00100581:

Monitoring is required when sludge is removed from the wastewater treatment facility and disposed of by land application. If no sludge is removed during the entire month for disposal by land application, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

This station applies to sludge removed from both the vertical loop reactor system and from the phosphorus removal system. The permittee shall maintain individual records for each of the sludge sources. Each time sludge is removed from either the vertical loop reactor system or the phosphorus removal system and hauled off-site for disposal by land application, the permittee shall record the date and the volume of sludge removed. The record must be maintained on-site for review.

** Units of mg/kg are on a dry weight basis.

*** Sludge weight is a calculated total for the sampling period.

**** See Part I, C. Schedule of Compliance

Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 3IH00100588, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 588 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
70318 - Sludge Solids, Percent Total - %	-	-	-	-	-	-	-	1/Month	Grab	All
80991 - Sludge Volume, Gallons - Gals	-	-	-	-	-	-	-	1/Month	Total	All

NOTES for Station Number 3IH00100588:

Monitoring is required when sludge is removed from the wastewater treatment facility and disposed of by hauling to another facility. If no sludge is removed during the entire month for disposal at another facility, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

This station applies to sludge removed from both the vertical loop reactor system and from the phosphorus removal system. The permittee shall maintain individual records for each of the sludge sources. Each time sludge is removed from either the vertical loop reactor system or the phosphorus removal system and hauled off-site for disposal at another facility, the permittee shall record the date and the volume of sludge removed. The record must be maintained on-site for review.

** Units of mg/kg are on a dry weight basis.

*** Sludge weight is a calculated total for the sampling period.

**** See Part I, C. Schedule of Compliance

Part I, B. - UPSTREAM MONITORING REQUIREMENTS

1. Upstream Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, upstream of the point of discharge at Station Number 3IH00100801, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Upstream Monitoring - 801 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00094 - Conductivity - Umho/Cm	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00094 - Conductivity - Umho/Cm	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00400 - pH - S.U.	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00400 - pH - S.U.	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>							<u>Monitoring Requirements</u>		
	Concentration Specified Units		Loading* kg/day					Measuring	Sampling	Monitoring
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Frequency	Type	Months
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May

NOTES for Station Number 3IH00100801:

The purpose of this outfall is to quantify the condition of the Middle Fork Sugar Creek immediately upstream of the unnamed tributary transporting treated effluent from Alpine Cheese.

Sample collection and handling procedures for stream samples must be conducted in accordance with procedures outlined in the "Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices", 2003. The document can be viewed at the following web address:

<http://www.epa.state.oh.us/dsw/documents/Field%20Manual%2010-1-03.pdf>

Part I, B. - DOWNSTREAM-AIM MONITORING REQUIREMENTS

1. Downstream-AIM Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, downstream of the point of discharge, at Station Number 3IH00100901, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Downstream-AIM Monitoring - 901 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units		Loading* kg/day					Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00400 - pH - S.U.	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00400 - pH - S.U.	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>							<u>Monitoring Requirements</u>		
	Concentration Specified Units		Loading* kg/day					Measuring	Sampling	Monitoring
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Frequency	Type	Months
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	2/Month	Grab	Oct-May
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May

NOTES for Station Number 3IH00100901:

The purpose of this station is to quantify conditions at the mouth of the unnamed tributary transporting treated effluent from Alpine Cheese prior to mixing with the Middle Fork Sugar Creek.

Sample collection and handling procedures for stream samples must be conducted in accordance with procedures outlined in the "Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices", 2003. The document can be viewed at the following web address:

<http://www.epa.state.oh.us/dsw/documents/Field%20Manual%2010-1-03.pdf>

Part I, B. - DOWNSTREAM-NEARFIELD MONITORING REQUIREMENTS

1. Downstream-Nearfield Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, downstream of the point of discharge, at Station Number 3IH00100902, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Downstream-Nearfield Monitoring - 902 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units		Loading* kg/day					Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00400 - pH - S.U.	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00400 - pH - S.U.	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>							<u>Monitoring Requirements</u>		
	Concentration Specified Units		Loading* kg/day					Measuring	Sampling	Monitoring
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Frequency	Type	Months
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

NOTES for Station Number 3IH00100902:

The purpose of this station is to quantify the Middle Fork Sugar Creek immediately downstream of the unnamed tributary transporting treated effluent from Alpine Cheese.

Sample Collection and handling procedures for stream samples must be conducted in accordance with procedures outlined in the "Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices", 2003. The document can be viewed at the following web address:

<http://www.epa.state.oh.us/dsw/documents/Field%20Manual%2010-1-03.pdf>

Part I, B. - DOWNSTREAM-FARFIELD MONITORING REQUIREMENTS

1. Downstream-Farfield Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the receiving stream, downstream of the point of discharge, at Station Number 3IH00100903, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sampling.

Table - Downstream-Farfield Monitoring - 903 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00095 - Specific Conductance at 25 Degrees C - Umho/cm	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00300 - Dissolved Oxygen - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00400 - pH - S.U.	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00400 - pH - S.U.	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00515 - Residue, Total Dissolved - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00530 - Total Suspended Solids - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
00625 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00630 - Nitrite Plus Nitrate, Total - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>							<u>Monitoring Requirements</u>		
	Concentration Specified Units		Loading* kg/day					Measuring	Sampling	Monitoring
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Frequency	Type	Months
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
00665 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/2 months	Grab	Oct-May
80082 - CBOD 5 day - mg/l	-	-	-	-	-	-	-	1/Month	Grab	June - Sep

NOTES for Station Number 3IH00100903:

The purpose of this station is to quantify the Middle Fork Sugar Creek after initial assimilation of the unnamed tributary.

Sample collection and handling procedures for stream samples must be conducted in accordance with procedures outlined in the "Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices", 2003. The document can be viewed at the following web address:

<http://www.epa.state.oh.us/dsw/documents/Field%20Manual%2010-1-03.pdf>

Part I, C. SCHEDULE OF COMPLIANCE

Industrial Sludge

This entity shall take the actions described below as expeditiously as practicable, but not later than the dates developed in accordance with the following schedule.

a. The permittee shall submit to the appropriate Ohio EPA district office a substantially approvable sludge management plan as soon as possible, but no later than 4 months from the effective date of this permit. This plan shall describe in detail the method or methods the entity intends to employ for the disposal or reuse of the sewage sludge generated by the facility. (Event Code 95499)

Nutrient Trading Plan

The permittee shall immediately implement the January 1, 2006 Nutrient Trading Plan and any subsequent modifications agreed to by the permittee and Ohio EPA. Any modification to the plan shall be submitted to the Northeast District Office for review and approval prior to implementation.

Implementation of the Nutrient Trading Plan is required for the permittee to meet the conditions of the Sugar Creek TMDL. Failure to implement the Nutrient Trading Plan may cause Outfall 002 of the NPDES Permit to be modified to include a phosphorus limit of 1 mg/l as recommended by the Sugar Creek TMDL.

Any nutrient trading credits generated through the approved Nutrient Trading Plan prior to the effective date of this permit shall be considered for final credit by Ohio EPA per page 16 of the Nutrient Trading Plan.

Biological Monitoring

The permittee shall conduct biological monitoring at two different times throughout this permit, and at three different locations in the Middle Fork Sugar Creek. Biological sampling shall be conducted in the Middle Fork Sugar Creek upstream of station 3IH00100801 (RM 7.61), downstream of station 3IH00100902 (RM 7.58), and upstream of station 3IH00100903 (RM 6.5). Biological monitoring shall be conducted during the field seasons of 2007 and 2010. Field seasons are defined as the months covering June 15th through October 15th of each year.

Biological monitoring must include a habitat assessment using the Qualitative Habitat Evaluation Index (QHEI), a fish community assessment to calculate the Index of Biotic Integrity (IBI) scores, and a macroinvertebrate community assessment to calculate an Invertebrate Community Index (ICI) score at each location. ICI scores must be based on the use of Hester-Dendy artificial substrate samplers as required by Ohio EPA protocol.

The results of the biological monitoring required in this permit shall be submitted to the Northeast District Office of Ohio EPA no later than December 30, 2007 and December 30, 2010. The results shall include the QHEI forms and scores for each site, a list of the fish and macroinvertebrate species identified in each study, the number of individuals in each species, and calculations for the IBI and ICI scores.

The biological studies required in this permit shall be conducted in accordance with Ohio EPA protocol as specified in OAC 3745-1-03(B)(6). See www.epa.ohio.gov/dsw/bioassess/BioCriteriaProtAqLife.aspx

Part II, OTHER REQUIREMENTS

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

Sampling Station	Description of Location
3IH00100002	Final effluent of the combined process and COW wastestreams following the final flow monitoring station (Lat: 40N 38' 05"; Long: 81W 40' 33").
3IH00100581	Sludge disposal to land application.
3IH00100588	Sludge disposal from the Vertical Loop Reactor System.
3IH00100601	Internal monitoring of treated process water following disinfection.
3IH00100602	Internal monitoring station of COW water treatment system at the end of the second reverse osmosis system.
3IH00100801	Upstream sample location collected in the Middle Fork Sugar Creek. The upstream sample shall be collected upstream of the Alpine tributary (Lat : 40N 38' 25" ; Long: 81W 40' 34")
3IH00100901	Downstream sample location at the mouth of the Alpine tributary prior to the Middle Fork Sugar Creek. (Lat: 40N 38' 24"; Long: 81W 40' 34")
3IH00100902	In the Middle Fork Sugar Creek at Twp. Road 606. (Lat: 40N 38' 26" ; Long: 81W 40' 31")
3IH00100903	In the Middle Fork Sugar Creek at County Road 200 (Harold Road) (Lat: 40N 39' 11" ; Long: 81W 40' 03")

B. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved.

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

C. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days, report "AN" on the monthly report form.

D. In the event that the permittee's operation requires the use of cooling or boiler water treatment additives that are discharged to surface waters of the state, written permission must be obtained from the director of the Ohio EPA prior to use. Reporting and testing requirements to apply for permission to use additives can be obtained from the Ohio EPA, Central Office, Division of Surface Water, Water Resources Management Section. Reported information will be used to evaluate whether the use of the additive(s) at concentrations expected in the final discharge will be harmful or inimical to aquatic life.

E. Permit limitations may be revised in order to meet water quality standards after a stream use determination and waste load allocation are completed and approved. This permit may be modified, or alternatively, revoked and reissued, to comply with any applicable water quality effluent limitations.

F. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported.

REPORTED VALUE*	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

* Interpolate between the descriptive phrases.

G. Composite samples shall be comprised of a series of grab samples collected over a 24-hour period and proportionate in volume to the wastewater flow rate at the time of sampling. Such samples shall be collected at such times and locations, and in such a fashion, as to be representative of the facility's overall performance.

H. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

I. Effluent disinfection is not directly required, however, the entity is required to meet all applicable discharge permit limits. If disinfection facilities exist, they shall be maintained in an operable condition. Any design of wastewater treatment facilities should provide for the capability to install disinfection if required at a future time. Disinfection may be required if future bacteriological studies or emergency conditions indicate the need.

J. If for any reason, the facility must use chlorine for disinfection, it must contact the Ohio EPA District Office, Division of Surface Water for the appropriate requirements and limitations. The permittee must state, at such time:

1. For what reason chlorine will be used for disinfection (i.e. equipment breakdown, maintenance, etc.).
2. For what length of time will it be used.

K. Final permit limitations based on preliminary or approved waste load allocations are subject to change based on modifications to or finalization of the allocation or report or changes to Water Quality Standards. Monitoring requirements and/or special conditions of this permit are subject to change based on regulatory or policy changes.

L. Sampling at station 3IH00100002, 3IH00100601, and 3IH00100602 shall occur the same day.

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," "not 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:

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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

Notwithstanding 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.