

NPDES Permit No. IL0001295
Notice No. MEL:12061902.bah

Public Notice Beginning Date: **August 31, 2012**

Public Notice Ending Date: **October 1, 2012**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Permittee:

Seneca Foods Corporation
606 South Tremont Street
Princeville, Illinois 61559

Name and Address of Facility:

Seneca Foods Corporation - Princeville
606 South Tremont Street
Princeville, Illinois 61559
(Peoria County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named Permittee. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Mark E. Liska at 217/782-0610.

The applicant is engaged in receiving and canning fresh harvested pumpkin for human consumption (SIC 2033). Waste water is generated during canning of pumpkin and the equipment/floor clean up, all of which are irrigated/treated on dedicated sprayfield areas. Plant operation results in an average discharge of 0.8643 MGD of stormwater runoff from sprayfields and lagoons 1 - 4 and 6 effluent from outfall 001, 0.28 MGD of non-contact cooling water from outfall 002, 0.51 MGD of sprayfield F & G tile drainage and stormwater runoff from outfall 004, 0.05 MGD of sprayfield H tile drainage and stormwater runoff from outfall 005, 0.05 MGD of sprayfield H tile drainage and stormwater runoff from outfall 006, 0.031 MGD of sprayfield B & D tile drainage and stormwater runoff from outfall 007, an intermittent discharge of sprayfield A stormwater runoff from outfall 008, 0.76 MGD of lagoon 5 effluent from outfall 009, 0.0469 MGD of sprayfield A tile drainage and stormwater runoff from outfall 010, and 0.0575 MGD of sprayfields C & E tile drainage and stormwater runoff from outfall 011.

Application is made for the existing discharge(s) which is/are located in Peoria County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Prince Run Creek	40° 55' 05"	North	89° 45' 55"	West	General Use	Not Rated
002	Prince Run Creek	40° 55' 23"	North	89° 45' 46"	West	General Use	Not Rated
004	North Creek	40° 55' 00"	North	89° 44' 27"	West	General Use	Not Rated
005	Prince Run Creek	40° 55' 20"	North	89° 45' 30"	West	General Use	Not Rated
006	Prince Run Creek	40° 55' 12"	North	89° 45' 27"	West	General Use	Not Rated
007	North Creek	40° 55' 24"	North	89° 44' 36"	West	General Use	Not Rated
008	Prince Run Creek	40° 55' 20"	North	89° 45' 30"	West	General Use	Not Rated
009	Prince Run Creek	40° 55' 05"	North	89° 45' 05"	West	General Use	Not Rated
010	Prince Run Creek	40° 55' 05"	North	89° 45' 05"	West	General Use	Not Rated
011	Prince Run Creek	40° 55' 05"	North	89° 45' 05"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The unlisted stream segment receiving the discharge from outfall(s) 004 and 007 is not on the 2010 303(d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

The stream segment DJMAA receiving the discharge from outfall(s) 001, 002, 005, 006, and 008-011 is on the 2010 303(d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

The following parameters have been identified as the pollutants causing impairment:

Designated Use	Potential Cause
Streamside Vegetative Cover (non-pollutant)	Aquatic Life
Fluoride	
Sedimentation/Siltation	

The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall: 001

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
<u>Outfall: 001 and 009</u>						35 IAC 309.146
Flow (MGD)						
pH				6.5 – 9.0		35 IAC 302.204
Total Suspended Solids				12	24	35 IAC 304.120(c)
BOD ₅				10	20	35 IAC 304.120(c)

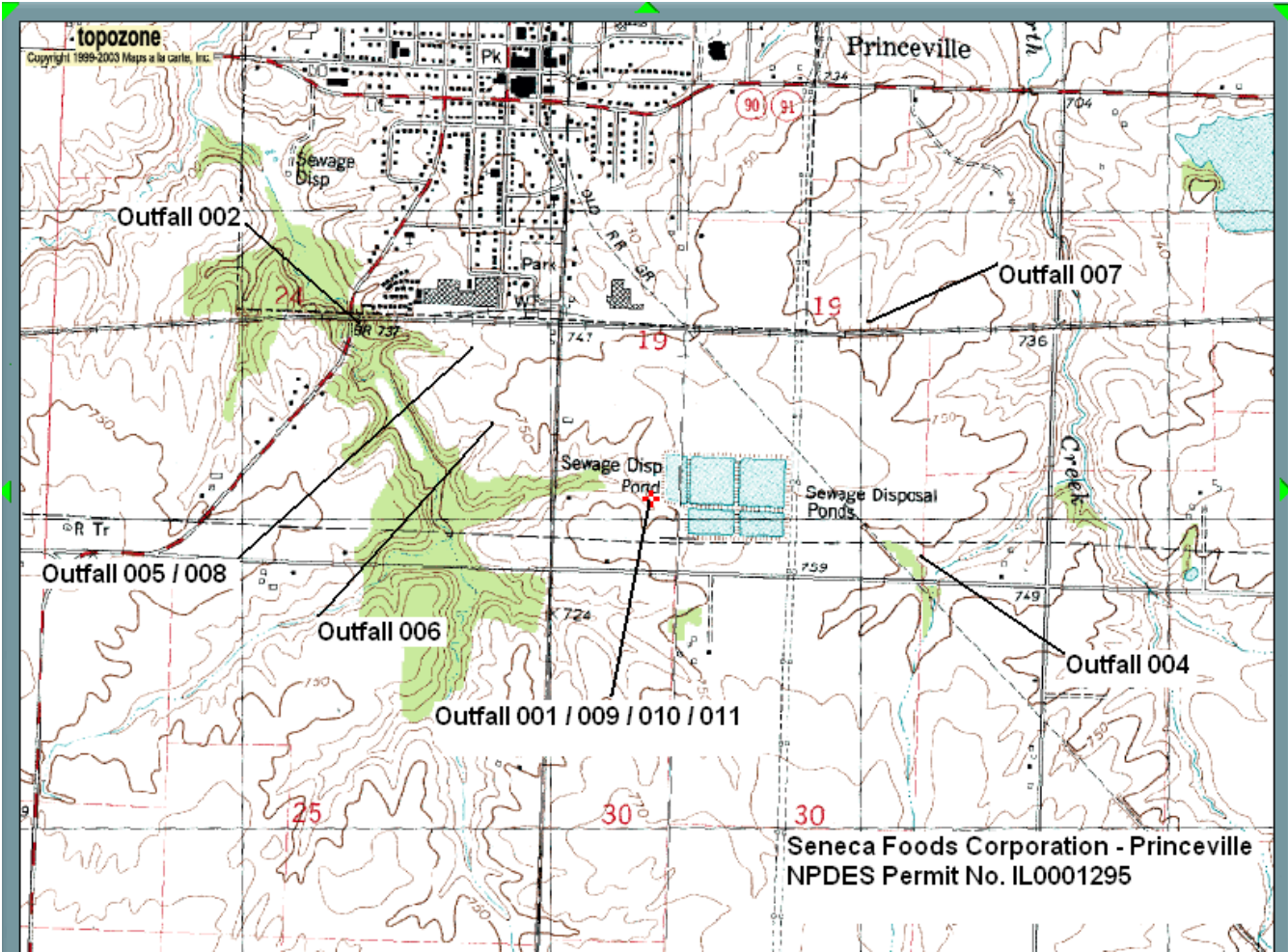
PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	
NH ₃ - N (March - May, Sept. - Oct.) (June - August) (November - February)				1.4 0.9 2.9	4.4 6.2 4.7	35 IAC 302.212
Dissolved Oxygen				Monitor Only		35 IAC 309.146

<u>Outfall: 002</u>						
Flow (MGD)						35 IAC 309.146
pH				6.5 – 9.0		35 IAC 302.204
Temperature						35 IAC 302.211
Total Residual Chlorine/Halogen					0.05	40 CFR 125.3
BOD ₅				10	20	35 IAC 304.120(c)
TSS				12	24	35 IAC 304.120(c)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	
<u>Outfall: 004, 005, 006, 007, 008, 010, and 011</u>						
Flow (MGD)						35 IAC 309.146
pH				6.5 – 9.0		35 IAC 302.204
Total Suspended Solids				12	24	35 IAC 304.120(c)
BOD ₅				10	20	35 IAC 304.120(c)
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)				1.4 0.9 2.9	4.4 6.2 4.7	35 IAC 302.212

The following explain the conditions of the proposed permit:

Special Conditions will require monthly DMR data, explain BAT/BCT stormwater rules, and outline temperature requirements.



NPDES Permit No. IL0001295

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Seneca Foods Corporation
606 South Tremont Street
Princeville, Illinois 61559

Facility Name and Address:

Seneca Foods Corporation - Princeville
606 South Tremont Street
Princeville, Illinois 61559
(Peoria County)

Discharge Number and Name:

001 Stormwater from Sprayfields & Lagoons 1 - 4 & 6 Effluent
002 Non-contact Cooling Water
004 Sprayfield F & G Tile Drainage & Stormwater Runoff
005 Sprayfield H Tile Drainage & Stormwater Runoff
006 Sprayfield H Tile Drainage & Stormwater Runoff
007 Sprayfield B & D Tile Drainage & Stormwater Runoff
008 Sprayfield A Stormwater Runoff
009 Lagoon 5 Effluent
010 Sprayfield A Tile Drainage & Stormwater Runoff
011 Sprayfield C & E Tile Drainage & Stormwater Runoff

Receiving Waters:

Prince Run Creek
Prince Run Creek
North Creek
Prince Run Creek
Prince Run Creek
North Creek
Prince Run Creek
Prince Run Creek
Prince Run Creek
Prince Run Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

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

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

SAK: MEL:12061902.bah

NPDES Permit No. IL0001295

Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Outfall(s): 001 – Stormwater Runoff from Sprayfields and Lagoon 1 – 4 and 6 Effluent**						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ - N (March-May, Sept.-Oct.) (June-August) (November-February)			1.4	4.4	*	Grab
			0.9	6.2	*	Grab
			2.9	4.7	*	Grab
Dissolved Oxygen				Monitor Only	*	Grab
* - See Special Condition 11. ** - See Special Condition 9 and 12.						
Outfall: 002						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				1/Month	Grab
Temperature	See Special Condition 5				1/Month	Grab
Total Residual Chlorine/Halogen				0.05	1/Month	Grab
BOD ₅			10	20	1/Month	Grab
Total Suspended Solids			12	24	1/Month	Grab

* - See Special Condition 7.

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Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 004 - Sprayfields F & G Tile Drainage and Stormwater Runoff**</u> (DAF = 0.51 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab
* - See Special Condition 13. ** - See Special Condition 9.						
<u>Outfall 005 - Sprayfield H Tile Drainage and Stormwater Runoff**</u> (DAF = 0.05 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab

* - See Special Condition 13.

** - See Special Condition 9.

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Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 006 - Sprayfield H Tile Drainage and Stormwater Runoff**</u> (DAF = 0.05 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab
* - See Special Condition 13. ** - See Special Condition 9.						
<u>Outfall 007 - Sprayfield B & D Tile Drainage and Stormwater Runoff**</u> (DAF = 0.031 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab

* - See Special Condition 13.

** - See Special Condition 9.

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Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 008 - Sprayfield A Stormwater Runoff**</u> (Intermittent Discharge)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab
* - See Special Condition 10. ** - See Special Condition 9.						
<u>Outfall 009 - Lagoon 5 Effluent</u> (DAF = 0.76 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab
Dissolved Oxygen			Monitor Only		*	Grab
* - See Special Condition 13.						

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Effluent Limitations and Monitoring

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

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 010 - Sprayfield A Tile Drainage and Stormwater Runoff **</u> (DAF = 0.0469 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab

* - See Special Condition 13.

** - See Special Condition 9.

<u>Outfall 011 - Sprayfield C & E Tile Drainage and Stormwater Runoff**</u> (DAF = 0.0575 MGD)						
Flow (MGD)	See Special Condition 1				Measure When Monitoring	
pH	See Special Condition 2				*	Grab
Total Suspended Solids			12	24	*	Grab
BOD ₅			10	20	*	Grab
NH ₃ -N (March - May, Sept. - Oct.) (June - August) (November - February)			1.4 0.9 2.9	4.4 6.2 4.7	*	Grab
* - See Special Condition 13. ** - See Special Condition 9.						

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Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the monthly discharge monitoring report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 5. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

- A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more the 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

- B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).
- D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

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

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

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

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Special Conditions

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

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

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 7. All samples for Total Residual Chlorine/Halogen shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 8. This permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws, regulations, or judicial orders. The Agency will public notice the permit modification.

SPECIAL CONDITION 9. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for stormwater which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such stormwater. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a stormwater discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated stormwater discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 10. Preliminary testing shall be performed prior to discharge from Outfall 008 to verify that the discharge from the outfall meet the indicated permit limits. A sample shall be taken at the inception of discharge from Outfall 008 1/week when the sprayfields are receiving wastewater. During the non-spray season no sampling is required for the stormwater runoff.

SPECIAL CONDITION 11. Preliminary testing shall be performed prior to discharge from Outfall 001 to verify that the retention basin contents meets the 10 mg/L BOD₅ and 12 mg/L TSS limits. A sample shall be taken at the inception of discharge from Outfall 001, then 1/week for one month, then 2/month for the remainder of the non-spray season. Daily visual observations of the effluent discharge shall be performed for the duration of the discharge.

SPECIAL CONDITION 12. Discharge from Outfall 001 shall occur only during the non-spray season and shall be monitored only if discharge occurs. Discharge is not allowed during the period commencing upon the first spray irrigation application and extending through December 1.

SPECIAL CONDITION 13. Preliminary testing shall be performed prior to discharge from Outfalls 004, 005, 006, 007, 009, 010 and 011 to verify that the discharges from the tile lines meet the indicated permit limits. A sample shall be taken at the inception of discharge from Outfalls 004, 005, 006, 007, 009, 010, & 011 1/week when the sprayfields are receiving wastewater. During the non-spray season no sampling is required for the stormwater runoff.

SPECIAL CONDITION 14. This permit is issued with the condition that the operation of these permitted facilities will be directed toward odor control as well as waste treatment. As outlined in consent order No. 95CH 123 dated June 2, 1998, offensive odor emissions from process wastewater treatment facilities shall be controlled to the best possible extent by continuing to reduce organic loading to lagoon #1 and implementing necessary appropriate facility operational measures. Aeration equipment shall be fully utilized to maintain aerobic conditions in the aerated lagoons designated in the State Construction Permit issued for this system.

SPECIAL CONDITION 15. The piling of screenings on the land application fields is prohibited. If necessary to prevent stream or air pollution, the screenings must be incorporated into the soil by plowing or similar methods.

SPECIAL CONDITION 16. If the BOD₅ loading in the lagoons exceeds the design organic load designated in the State Construction Permit issued for this system, the Permittee must apply for a State Construction Permit to increase the loading.