

Village of Carol Stream

BOARD MEETING

AGENDA

JUNE 15, 2020

6:00 P.M.

All matters on the Agenda may be discussed, amended and acted upon

A. ROLL CALL AND PLEDGE OF ALLEGIANCE:

B. MINUTES:

1. Approval of Minutes of the June 1, 2020 Village Board Meeting.

C. LISTENING POST:

1. Addresses from Audience (3 Minutes).

D. PUBLIC HEARINGS:

1. Public Hearing for an Amendment to an Annexation Agreement for the CMC Building Group, LLC, property at 27W333 North Avenue. *This Public Hearing was originally noticed for the May 18, 2020, Village Board meeting to receive comments on a proposed amendment to the Annexation Agreement for the CMC Building Group, LLC, property at 27W333 North Avenue. As an Amendment was not ready for action by the Village Board at the May 18, 2020, meeting, the public hearing was continued to the June 15, 2020, Village Board meeting. No progress has been made on the development of an Amendment, so staff recommends that the Village Board close the public hearing. Should an Amendment be developed for action by the Village Board in the future, a new notice of Public Hearing will be published.*

E. SELECTION OF CONSENT AGENDA:

If you are here for an item, which is added to the consent agenda and approved, the Village Board has acted favorably on your request.

F. BOARD AND COMMISSION REPORTS:

G. OLD BUSINESS:

H. STAFF REPORTS AND RECOMMENDATIONS:

1. Motion to Purchase Large Water Meters and Supplies. *Staff recommends approving the purchase of large water meters and supplies from Core & Main in an amount not-to-exceed \$45,000 pursuant to the provisions of Section 5-8-3(B) and subsection 5-8-14(C) of the Carol Stream Code of Ordinances.*

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2. Recommendation for Purchase of a One-Ton Dump Truck. *Staff recommends waiving formal bidding requirements and awarding the purchase of a Ford F550 dump truck from Joe Cotton Ford in the amount of \$40,998.79.*
3. Recommendation for Up-fitting of New One-Ton Dump Truck. *Staff recommends awarding a contract for truck up-fitting to Henderson Products, Inc. under Sourcewell Contract Number 080818-HPI in the amount of \$51,518.00, pursuant to the provisions of Section 5-8-3(B) and subsection 5-8-14(L) of the Carol Stream Code of Ordinances.*

I. ORDINANCES:

1. Ordinance No. 2020-06-_____ Amending the Carol Stream Code of Ordinances, Chapter 13, and Adopting a Sewer Use and Pretreatment Ordinance. *Staff recommends approval of the Sewer Use and Pre-Treatment Ordinance and Amendments to Chapter 13 of the Carol Stream Code of Ordinances.*

J. RESOLUTIONS:

1. Resolution No. _____ Approving the Local Limits Evaluation 2016. *Staff recommends approval of the Local Limits Evaluation prepared by Baxter and Woodman, which was provided to the United States Environmental Protection Agency for review and was approved.*
2. Resolution No. _____ Approving an Enforcement Response Plan in Relation to the Village's Sewer Use and Pretreatment Ordinance. *Staff recommends approval of the Enforcement Response Plan in relation to the Village's Sewer Use and Pretreatment Ordinance.*
3. Resolution No. _____ Declaring Surplus Property owned by the Village of Carol Stream. *Staff recommends declaring surplus a 2008 and 2010 John Deere Zero Turn Mower and authorize its disposal via public auction.*

K. NEW BUSINESS:

Village of Carol Stream

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L. PAYMENT OF BILLS:

1. Regular Bills: June 2, 2020 through June 15, 2020.
2. Addendum Warrants: May 27, 2020 through June 15, 2020.

M. REPORT OF OFFICERS:

1. Mayor:
2. Trustees:
3. Clerk:
4. Treasurer's Report: *Revenue/Expenditure Statements and Balance Sheet for the Month Ended May 31, 2020.*

N. EXECUTIVE SESSION:

O. ADJOURNMENT:

LAST ORDINANCE	2020-05-17	LAST RESOLUTION	3137
NEXT ORDINANCE	2020-06-18	NEXT RESOLUTION	3138

REGULAR MEETING OF THE MAYOR AND BOARD OF TRUSTEES
Gregory J. Bielawski Municipal Center, 500 N. Gary Avenue,
Carol Stream, DuPage County, IL

June 1, 2020

Mayor Pro Tem McCarthy called the Regular Meeting of the Board of Trustees to order at 6:00 p.m. and directed Village Clerk Laura Czarnecki to call the roll.

Present: Mayor Pro Tem Matt McCarthy, Trustees John Zalak, John LaRocca, Rick Gieser, Mary Frusolone and Greg Schwarze

Absent: Mayor Frank Saverino, Sr.

Also Present: Village Manager Bob Mellor, Assistant Village Manager Joe Carey and Village Attorney Jim Rhodes

*All persons remotely called in at meeting unless noted otherwise

MINUTES:

Trustee Gieser moved and Trustee Zalak made the second to approve the Minutes of the May 18, 2020 Village Board Meeting. The results of the roll call vote were as follows:

Ayes: 6 Trustees Zalak, LaRocca, Gieser, Frusolone, Schwarze and McCarthy

Abstain: 0

Absent: 0

The motion passed.

LISTENING POST:

1. Addresses from Audience (3 Minutes).
Kayley Rettberg, Angelica Saltigerald, Arsima Araya and Yahvi Mahendra all spoke regarding the need for Police body cameras.

PUBLIC HEARINGS:

CONSENT AGENDA:

Trustee Schwarze moved and Trustee Frusolone made the second to establish a Consent Agenda for this meeting. The results of the roll call vote were as follows:

Ayes: 6 Trustees Zalak, LaRocca, Gieser, Frusolone, Schwarze and McCarthy

Nays: 0

Absent: 0

The motion passed.

Trustee LaRocca moved and Trustee Frusolone made the second to place the following items on the Consent Agenda established for this meeting. The results of the roll call vote were as follows:

Ayes: 6 Trustees Zalak, LaRocca, Gieser, Frusolone, Schwarze and McCarthy

Nays: 0

Absent: 0

The motion passed.

1. #20-0013 V Holdings, Inc. – 425 E. Geneva Road.
2. #20-0017 Concord Point Condo Association – 51 Concord Lane.
3. Purchase of Tyler Cashiering software module at a cost not to exceed \$17,701.
4. Motion to approve an Amendment to Engineering Services Agreement – WRC De-Watering System Replacement Project Construction Engineering Services.
5. Resolution No. 3136 Approving the Release of Certain Executive Session Minutes of the Mayor and Board of Trustees of the Village of Carol Stream.
6. Resolution No. 3137 Authorizing the Execution of the First Amendment to the Subdivision and Development Agreement between the Village of Carol Stream and V Holdings, Inc. (formerly known as Vequity Holdings, Inc.) for Parcels to be redeveloped at the Northeast Corner of Geneva Road and Schmale Road (2201 N. Main Street, Wheaton – P.I.N. 05-04-305-006, 521 S. Schmale Road, Carol Stream – P.I.N. 05-04-305-008, 431 E. Geneva Road, Carol Stream – P.I.N. 05-04-305-009).
7. Receipt of the Carol Stream Public Library, Fiscal Year 2020, Annual Report.
8. Payment of Regular Bills from May 19, 2020 through May 26, 2020.
9. Payment of Addendum Warrant of Bills from May 12, 2020 through May 26, 2020.
10. Payment of Regular Bills from May 27, 2020 through June 1, 2020.

Trustee Gieser moved and Trustee Schwarze made the second to approve the Consent Agenda for this meeting by Omnibus Vote. The results of the roll call vote were as follows:

Ayes: 6 Trustees Zalak, LaRocca, Gieser, Frusolone, Schwarze and McCarthy

Nays: 0

Absent: 0

The motion passed.

The following are brief descriptions of those items approved on the Consent Agenda for this meeting.

#20-0013 V Holdings, Inc. – 425 E. Geneva Road:

Amendment to a Special Use Permit for a Planned Unit Development

Amendment to a Special Use for an Auto Service Station

Special Use for Drive-Up Service Window

Approval of Final PUD Plan

Recommend Approval with Conditions 7-0

No action by Board requested at this time

#20-0017 Concord Point Condo Association – 51 Concord Lane:

North Avenue Corridor Review

Fence Code Variation

Approved with Conditions 7-0

No further action necessary

Staff recommendations purchase of the Tyler Cashiering software module at a cost not to exceed \$17,701 pursuant to Section 5-8-14 (C) of the Carol Stream Code of Ordinances:

The Village Board approved the purchase of the Tyler Cashiering software module at a cost not to exceed \$17,701 to provide needed enhancements to the Village's point of sale system.

Motion to Approve an Amendment to Engineering Services Agreement – WRC De-Watering System Replacement Project Construction Engineering Services:

The Village Board approved an Amendment to the Engineering Services Agreement dated December 16, 2019 with Baxter & Woodman for construction engineering services for the WRC De-Watering System Replacement Project in an amount not to exceed \$176,000.

Resolution No. 3136 Approving the Release of Certain Executive Session Minutes of the Mayor and Board of Trustees of the Village of Carol Stream:

The Village Board approved not releasing executive session meeting minutes at this time.

Resolution No. 3137 Authorizing the Execution of the First Amendment to the Subdivision and Development Agreement between the Village of Carol Stream and V Holdings, Inc. (formerly known as Vequity Holdings, Inc.) for Parcels to be redeveloped at the Northeast Corner of Geneva Road and Schmale Road (2201 N. Main Street, Wheaton – P.I.N. 05-04-305-006, 521 S. Schmale Road, Carol Stream – P.I.N. 05-04-305-008, 431 E. Geneva Road, Carol Stream – P.I.N. 05-04-305-009):

The Village Board approved the First Amendment to the Subdivision and Development Agreement between the Village of Carol Stream and V Holdings, Inc. to increase the size of the 7-Eleven convenience store and a Special Use Permit for a drive-up service window for the new building on the north lot.

Receipt of the Carol Stream Public Library, Fiscal Year 2020, Annual Report:

The Village Board received the Carol Stream Public Library's Fiscal Year 2020 Annual Report.

Regular Bills and Addendum Warrant of Bills:

The Village Board approved payment of the Regular Bills dated May 26, 2020 in the amount of \$143,092.03. The Village Board approved the payment of Addendum Warrant of Bills from May 12, 2020 thru May 26, 2020 in the amount of \$677,323.56. The Village Board approved payment of the Regular Bills dated June 1, 2020 in the amount of \$404,805.48.

Report of Officers:

Trustee LaRocca expressed his condolences to George Floyd's family. He does not condone police brutality and believes the majority of police officers are good, but some are bullies. Trustee LaRocca stated we have a great police department which has a good relationship with the community. He would like to see more events like the National Night Out expanded. Trustee LaRocca stated racism has no place in our society. Everyone deserves respect. He stated scenes from Remember the Titans movie wherein "if we don't come together right now, we too will be destroyed". Stay safe and healthy as we open up the businesses.

Trustee Gieser stated he attended the peaceful protest at Town Center and Village Hall and was glad to see it was done peacefully. Protestors are different from looters and rioters. He stated actions against George Floyd are criminal and should be acted upon. Police brutality and racism are not tolerated in Carol Stream. Trustee Gieser stated Carol Stream is a diverse community. We need to be part of a solution that will work with all the residents.

Trustee Schwarze stated that he attended the peaceful protest today and thanked residents for wearing masks and following COVID rules. He thanked residents who were in attendance at the meeting and for their comments. 2020 has been a test for our nation and community. Trustee Schwarze expressed his condemnation of the horrific event with George Floyd. Leaders have to keep Carol Stream safe. Carol Stream Police Department has ongoing training and personal interactions as he has witnessed as a firefighter. Trustee Schwarze promised to stay vigilant going forward and will look into body cameras. Please shop Carol Stream now that the restaurants have opened back up with outdoor seating.

Trustee Zalak thanked protestors who showed up today, as they were respectful, non-violent but passionate individuals. He expressed his condolences to George Floyd's family and friends. Trustee Zalak appreciated everyone sharing their thoughts as he stands for the concept of voicing your opinions. Police officers are very proactive with training throughout their career. Responsibility is with all of us, and we are all in this together. Everyone should be treated equally and with respect. Please shop locally and visit your restaurants as they now can serve with outdoor seating.

Trustee Frusolone stated her heart goes out to the family of George Floyd, as there is no excuse for what happened to him. She spoke to Carol Stream Police Officers, and they are both professionally and personally hurt by what happened. Carol Stream has no room for racism. We are a wonderfully diverse community. Protesters were very passionate about the community. Trustee Frusolone stated three years ago an impromptu breakfast with Village Board, Wheaton Christian Center and the police department created a great bond with the congregation receiving handwritten thank you cards. She thanked Pastor Arthurs for his prayers and thanked residents for protesting. Trustee Frusolone also thanked the hard-working departments of Public Works and Police.

Village Clerk Czarnecki expressed her condolences to Mr. Floyd and his family. There is no place for racism or hatred in Carol Stream. She is thinking of the first responders and essential workers and ask everyone to please keep them in your hearts and prayers.

Village Attorney Rhodes stated the Village Board approved a resolution which is the first amendment to Vequity. This will allow Vequity to close on the property and disconnect from Wheaton and annex into Carol Stream. The Governor extended his Executive Order for 30 days on the Restore Illinois program.

Village Manager Mellor stated that the Community Development Department called all dining establishments regarding outdoor temporary permits. There are no fees, and outdoor dining must comply with temporary dining provisions. He requested everyone to please complete the census.

Mayor Pro Tem McCarthy expressed his condolences to the family and friends of George Floyd. We have a great police department that takes care of the community. Standing together with the protestors, they were passionate but peaceful and spoke with police officers about problems. There is no place for racism in society. My wish is to start conversation to make changes. He thanked Community Development for helping our restaurants to provide outdoor dining. Mayor Pro Tem McCarthy also thanked the Trustees who attended the protest today.

At 6:54 p.m., Trustee Schwarze moved and Trustee Frusolone made the second to adjourn the meeting. The results of the roll call vote were as follows:

Ayes: 6 Trustees Zalak, LaRocca, Gieser, Frusolone, Schwarze and McCarthy

Nays: 0

Absent: 0

The motion passed.

FOR THE BOARD OF TRUSTEES


Matthew McCarthy, Mayor Pro Tem

ATTEST:

Laura Czarnecki, Village Clerk

Village of Carol Stream
Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works 

DATE: June 8, 2020

RE: Motion to Purchase Large Water Meters and Supplies

The Water and Sewer Division will undertake large water meter testing in the coming months to help limit water loss as a result of inaccurate metering. When meters test outside of the American Water Works Association (AWWA) accuracy standards they are quickly replaced by staff. Large meters are tested on a schedule of either every two or four years based upon their size (in accordance with AWWA recommendations). In addition, purchase of other large meters may occur when any meters outside of the testing program are found to be faulty and are replaced at Village expense and when a meter is required to accommodate a new business or development (for which there is an offsetting revenue).

Several years ago staff identified the various large meter options and identified the Sensus Omni meter as the most attractive option due to its excellent performance ratings, maintenance history and our own experience. This meter style is compatible with the Village's meter reading equipment and is available for purchase through an authorized sole-source supplier (Core & Main) located here in Carol Stream. A proposal from Core & Main is attached which contains guaranteed pricing for the balance of the year. Also attached is a letter from the manufacturer identifying Core & Main as the sole source provider in this area. Purchases will be made throughout the year as needed and the total amount expended will not exceed the budgeted amount of \$45,000.

It is recommended that the Village Board authorize the purchase of large water meters and supplies from Core & Main in an amount not-to-exceed \$45,000 pursuant to the provisions of Section 5-8-3(B) and subsection 5-8-14(C) of the Carol Stream Code of Ordinances.

Attachments



Village of Carol Stream
Attn: Ron Rohan

Subject: 2020 Quotation for Sensus Water Meters

Product	Quantity	Unit Price		Extension
New 1 1/2" - 2" OMNI R2 Water Meters				
1 1/2" Sensus OMNI R2 Water Meter With Integral Strainer, AMR Output	1	\$505.00	ea	\$505.00
2" Sensus OMNI R2 Water Meter With Integral Strainer, AMR Output	1	\$710.00	ea	\$710.00

New 1 1/2" - 6" OMNI C2 Water Meters				
1 1/2" Sensus OMNI C2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$1,285.00	ea	\$1,285.00
2" Sensus OMNI C2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$1,435.00	ea	\$1,435.00
3" Sensus OMNI C2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$1,822.00	ea	\$1,822.00
4" Sensus OMNI C2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$3,165.00	ea	\$3,165.00
6" Sensus OMNI C2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$5,464.00	ea	\$5,464.00

Please Note: 8" and 10" Pricing Available Upon Request

New 1 1/2" - 6" OMNI T2 Water Meters				
1 1/2" Sensus OMNI T2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$789.00	ea	\$789.00
2" Sensus OMNI T2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$947.00	ea	\$947.00
3" Sensus OMNI T2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$1,173.00	ea	\$1,173.00
4" Sensus OMNI T2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$2,210.00	ea	\$2,210.00
6" Sensus OMNI T2 Water Meter With Integral Strainer, AMR Output, Pulse Output and Test Outlet	1	\$3,894.00	ea	\$3,894.00

Please Note: 8" and 10" Pricing Available Upon Request

Meter Accessories				
3 Conductor Wire 22GA. Wire (500' Roll)	1	\$100.00	roll	\$100.00
Lead Seals (500/Pack)	1	\$0.10	ea	\$0.10
Seal Wire (1000' Roll)	1	\$80.00	roll	\$80.00
#4G Solid Copper Ground Wire (200' Roll)	1	\$180.00	roll	\$180.00
Ground Clamps (5/8"-1")	1	\$2.05	ea	\$2.05
Touchpad	1	\$17.00	ea	\$17.00
3/4" Meter Gaskets (100/Pack)	1	\$0.12	ea	\$0.12
1" Meter Gaskets (100/Pack)	1	\$0.14	ea	\$0.14
3/4" Brass Tailpieces	1	\$22.00	pair	\$22.00
1" Brass Tailpieces	1	\$35.00	pair	\$35.00
1 1/2" Brass Flanges	1	\$75.00	pair	\$75.00
2" Brass Flanges	1	\$94.00	pair	\$94.00
1 1/2" Cast Iron Flanges with BNG	1	\$31.00	pair	\$31.00
2" Cast Iron Flanges with BNG	1	\$40.00	pair	\$40.00
3" Cast Iron Flanges with BNG	1	\$65.00	pair	\$65.00
4" Cast Iron Flanges with BNG	1	\$75.00	pair	\$75.00
6" Cast Iron Flanges with BNG	1	\$192.00	pair	\$192.00

Prices are good until **May 1, 2021**. Delivery can be made from stock to within four (4) weeks from receipt of your purchase order. Our terms of payment are net thirty (30) days.

January 01, 2020

To Whom It May Concern:

Sensus, USA is pleased to announce that Core & Main LP is the exclusive Authorized Distributor of Sensus products for the state of Illinois through 2020. Please contact Core & Main LP for all of your Sensus needs. Purchasing Sensus, USA products from the authorized distributor for your area ensures that your products will be properly supported and warranted.

We look forward to the opportunity of providing your firm with quality water measurement equipment and support in the near future. Please feel free to contact me at andrea.davis@xylem.com regarding this or any other matter.


Sincerely,

Andrea M. Davis

Andrea Davis
Sensus, USA Inc
Sr. Director, Sales Enablement

Village of Carol Stream
Interdepartmental Memo

TO: Bob Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works 

DATE: June 10, 2020

RE: Recommendation for Purchase of a One - Ton Dump Truck

The FY21 Water & Sewer Fund budget includes \$107,000 for the purchase of an additional one-ton dump truck for the Water & Sewer division. The primary use for this truck will be for delivering and hauling materials on smaller excavations. This truck will also be outfitted with necessary equipment to support snow and ice operations.

As in the past, we sought pricing through a joint bid source (Sourcewell) and received a proposal (copy attached) for the desired F550 in the amount of \$44,697.18. We then solicited a proposal from local dealer Joe Cotton Ford (attached), which provides the identical truck at a cost of \$40,998.79 (a savings of \$3,698.39).

If purchase of the truck is approved staff would also request that the Village Board approve (under a separate agenda item) a contract with another vendor for up-fitting the truck at a cost of \$51,518, bringing the purchase and up-fitting cost to \$92,516.79. Once the up-fitting is complete our fleet maintenance staff will install a few remaining items (such as radio, decals, etc.), at a cost not to exceed \$2,500. Once fully complete the total cost of the vehicle will not exceed \$95,016.79.

Staff recommends that the Village Board approve a Motion waiving formal bidding requirements and awarding the purchase of one Ford F550 dump-truck from Joe Cotton Ford in the amount of \$40,998.79.

Attachments



Prepared by: Jennifer Mensching
04/17/2020

Jennifer Mensching | 175 W North Ave Carol Stream Illinois | 60188

2020 F-550 Chassis 4x4 SD Regular Cab 169" WB DRW XL (F5H)

Price Level: 40 | Quote ID: 41720cspw

Re: Quote ID 41720cspw 04/17/2020

Dear Andrew

Attached you will find the build per your specifications for your interest in the Ford F550 DRW XL 4WD Reg Cab 169"WB 84 " CA. Please take a moment to review and if there is anything you would like to adjust please let me know.

The price for the unit is \$40998.79.

Thank you very much for your interest in acquiring a vehicle from our dealership. We concur that your interest is well deserved. We hope that an outstanding product lineup and our dedication to customer service will enhance your ownership experience should you decide to buy a vehicle from us.

Please feel free to contact me at any time as I would truly appreciate the opportunity to be of service to you.

Sincerely,

Jennifer Mensching

Fleet Manager

630-384-6586

jmensching@joecottonford.com

Sincerely,

Jennifer Mensching

Fleet Manager

630-384-6586

jmensching@joecottonford.com

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Prepared by: Jennifer Menching
04/17/2020

Jennifer Mensching | 175 W North Ave Carol Stream Illinois | 60188

2020 F-550 Chassis 4x4 SD Regular Cab 169" WB DRW XL (F5H)

Price Level: 40 | Quote ID: 41720cspw

As Configured Vehicle

Code	Description	Invoice
Base Vehicle		
F5H	Base Vehicle Price (F5H)	\$41,587.00
Packages		
660A	Order Code 660A <i>Includes:</i> - Engine: 7.3L 2V DEVCT NA PFI V8 Gas - Transmission: TorqShift 10-Speed Automatic <i>Includes selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery.</i> - Wheels: 19.5" x 6" Argent Painted Steel <i>Hub covers/center ornaments not included.</i> - HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i> - Radio: AM/FM Stereo w/MP3 Player <i>Includes 4 speakers.</i> - SYNC Communications & Entertainment System <i>Includes enhanced voice recognition, 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB-C port and steering wheel audio controls.</i>	N/C
Powertrain		
99N	Engine: 7.3L 2V DEVCT NA PFI V8 Gas	Included
44G	Transmission: TorqShift 10-Speed Automatic <i>Includes selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery.</i>	Included
X8L	Limited Slip w/4.88 Axle Ratio	\$327.00
68M	GVWR: 19,500 lb Payload Plus Upgrade Package <i>Includes upgraded frame, rear-axle and low deflection/high capacity springs. Increases max RGAWR to 14, 706. Note: See Order Guide Supplemental Reference for further details on GVWR.</i>	\$1,051.00
Wheels & Tires		
TGM	Tires: 225/70R19.5G BSW Traction <i>Includes 4 traction tires on the rear and 2 A/P tires on the front.</i>	\$173.00
64Z	Wheels: 19.5" x 6" Argent Painted Steel <i>Hub covers/center ornaments not included.</i>	Included
Seats & Seat Trim		
A	HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i>	Included

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Prepared by: Jennifer Menching
04/17/2020

Jennifer Mensching | 175 W North Ave Carol Stream Illinois | 60188

2020 F-550 Chassis 4x4 SD Regular Cab 169" WB DRW XL (F5H)

Price Level: 40 | Quote ID: 41720cspw

As Configured Vehicle (cont'd)

Code	Description	Invoice
Other Options		
PAINT	Monotone Paint Application	STD
169WB	169" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/MP3 Player <i>Includes 4 speakers.</i> <i>Includes:</i> <i>- SYNC Communications & Entertainment System</i> <i>- Includes enhanced voice recognition, 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB-C port and steering wheel audio controls.</i>	Included
90L	Power Equipment Group <i>Deletes passenger side lock cylinder. Includes upgraded door-trim panel.</i> <i>Includes:</i> <i>- Accessory Delay</i> <i>- Advanced Security Pack</i> <i>- Includes SecurILock Passive Anti-Theft System (PATS) and inclination/intrusion sensors.</i> <i>- MyKey</i> <i>- Includes owner controls feature.</i> <i>- Power Front Side Windows</i> <i>- Includes 1-touch up/down driver/passenger window.</i> <i>- Power Locks</i> <i>- Remote Keyless Entry</i>	\$832.00
473	Snow Plow Prep Package <i>Includes pre-selected springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations). Note 1: Restrictions apply, see Supplemental Reference or Body Builders Layout Book for details. Note 2: Also allows for the attachment of a winch.</i>	\$228.00
62R	Transmission Power Take-Off Provision <i>Includes transmission mounted live drive and stationary mode PTO</i>	\$255.00
86M	Dual 78 AH Battery	N/C
18A	Upfitter Interface Module	\$269.00
67B	397 Amp Alternators	\$104.00
54L	Folding Trailer Tow Mirrors <i>102" width. Includes manual telescoping power/heated glass, heated convex spotter mirror and integrated clearance lamps/turn signals.</i> <i>Includes:</i> <i>- Utility Lighting System</i> <i>- Includes LED side-mirror spotlights.</i>	\$587.00
63A	Utility Lighting System <i>Includes LED side-mirror spotlights.</i>	Included
52B	Trailer Brake Controller <i>Includes smart trailer tow connector. Verified to be compatible with electronic actuated drum brakes only.</i>	\$245.00
872	Rear View Camera & Prep Kit	\$377.00

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Prepared by: Jennifer Menching
04/17/2020

Jennifer Mensching | 175 W North Ave Carol Stream Illinois | 60188

2020 F-550 Chassis 4x4 SD Regular Cab 169" WB DRW XL (F5H)

Price Level: 40 | Quote ID: 41720cspw

As Configured Vehicle (cont'd)

Code	Description	Invoice
	<i>Pre-installed content includes cab wiring and frame wiring to the rear most cross member. Upfitters kit includes camera with mounting bracket, 20' jumper wire and camera mounting/aiming instructions.</i>	
43C	110V/400W Outlet <i>Includes 1 in-dash mounted outlet.</i>	\$160.00
61L	Front Wheel Well Liners (Pre-Installed) <i>Custom accessory.</i>	\$164.00
Fleet Options		
FLADCR	Fleet Advertising Credit	-\$865.00
Emissions		
425	50-State Emissions System	STD
Interior Colors		
AS_01	Medium Earth Gray	N/C
Primary Colors		
Z1_01	Oxford White	N/C
SUBTOTAL		\$45,494.00
Destination Charge		\$1,695.00
TOTAL		\$47,189.00

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Prepared by: Jennifer Mensching
04/17/2020

Jennifer Mensching | 175 W North Ave Carol Stream Illinois | 60188

2020 F-550 Chassis 4x4 SD Regular Cab 169" WB DRW XL (F5H)

Price Level: 40 | Quote ID: 41720cspw

Pricing Summary - Single Vehicle

		INVOICE
<i>Vehicle Pricing</i>		\$47,293.79
<i>Pre-Tax Adjustments</i>		
Code	Description	
FLT SPL ADJ	Fleet Special Adjustment	-\$1,595.00
GPC INCNT	Carol Stream Government Incentive	-\$4,700.00
<hr/>		
Total		\$40,998.79

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076
(855) 289-6572 • (831) 480-8497 Fax
Fleet@NationalAutoFleetGroup.com

4/3/2020

Quote ID: 23778

Order Cut Off Date: TBA

andrew olsen
Village of Carol Stream
Public Works

124 Gerzevske Ln
124 Gerzevske Ln

Carol Stream, Illinois, 60188

Dear andrew olsen,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.

One (1) New/Unused (2020 Ford Super Duty F-550 DRW (F5H) XL 4WD Reg Cab 169" WB 84" CA,) and delivered to your specified location, each for

	One Unit (MSRP)	One Unit	Total % Savings	Total Savings
Contract Price	\$50,715.00	\$44,697.18	11.866 %	\$6,017.82
Tax (0.0000 %)		\$0.00		
Tire fee		\$0.00		
Total		\$44,697.18		

- per the attached specifications.

This vehicle(s) is available under the **Sourcewell (Formerly Known as NJPA) Contract 120716-NAF** . Please reference this Contract number on all purchase orders to National Auto Fleet Group. Payment terms are Net 20 days after receipt of vehicle.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,


Jesse Cooper
Account Manager
Email: Fleet@NationalAutoFleetGroup.com
Office: (855) 289-6572
Fax: (831) 480-8497



GMC

Village of Carol Stream
Interdepartmental Memo

TO: Bob Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works 

DATE: June 10, 2020

RE: Recommendation for Up-fitting of New One-Ton Dump Truck

The FY21 Water & Sewer Fund budget provides \$107,000 for the purchase and up-fitting of an additional one-ton dump truck. A separate agenda item on the June 15, 2020, Village Board meeting recommends purchase of the cab and chassis from Joe Cotton Ford. Once the cab and chassis is received, the vehicle will require up-fitting to include installation of a dump body and a full snow and ice package. Upon completion at Henderson, our in house staff will install several small items such as a two-way radio and decals.

We have selected Henderson Products, Inc., through a joint bid resource to do the up-fitting (Sourcewell contract #080818-HPI is attached for reference). The cost for up-fitting through Henderson Products is \$51,518.00 (proposal attached). The combined cost of the vehicle purchase, up-fitting and installation of several small items by Village staff, will not exceed \$95,016.70

Staff recommends that the Village Board approve a Motion to award a contract for truck up-fitting to Henderson Products, Inc. under Sourcewell Contract Number 080818-HPI in the amount of \$51,518.00, pursuant to the provisions of Section 5-8-3(B) and subsection 5-8-14(L) of the Carol Stream Code of Ordinances.

Attachments



HENDERSON

PRODUCTS, INC.

11921 SMITH DRIVE
HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

CUSTOMER QUOTE

Page 1
Quote #135912
Rev #47

To: VILLAGE OF CAROL STREAM, IL
Attn:
Quote Date: 5/4/2020
Valid Until: 6/3/2020
Sourcewell Contract# 080818-HPI
Sourcewell #: 91788

Quoted By: Chris Fack
Phone: 847-836-4996
Cell: 847-754-5035
Fax: 563-927-7108
Email: cfack@hendersonproducts.com

Quoted:

#2 MK3 TGS MSP Option Vbox

Henderson Products is pleased to present the following quote. Please contact us if you have any questions.

Mark III utility sized single axle dump body

Body Length: 11' body length
Side / Tailgate Height: 18" side height / 24" tailgate height 4.3/5.8 yd
Hoist Type: Scissor hoist, NTEA class 40
Pump Pack: None - deduct standard pump pack
Side Construction: Double Wall 12 ga FIXED Sides
Optional Sides/Ends Materials: 201SS sides and ends
Optional Floor Materials: 3/16" AR400 floor ILO std grade 50
Tailgate Style: Quick Release handle in Center of Tailgate
Headsheet Type: Straight headsheet with integral 53" cabshield clearance
Integral Cabshield Notice: !!!DEALER TO VERIFY CHASSIS CAB CLEARANCE PRIOR TO ORDER!!!

Option 1 Description: 10 GAUGE ILO 12 GAUGE
Option 2 Description: NO WINDOWS IN HEADSHEET
Option 3 Description: NO LIGHT KIT
Option 4 Description: FULL WIDTH LIGHT BOX ON CS 2 FW, 4 RW, 1 EA SIDE (8 TOTAL)
Option 5 Description: 2LIGHT HOLES IN EACH REAR POST
Option 6 Description: Cabshield needs to have wire standoffs-Eng to approve

TGS salt / sand spreader

TROUGH MATERIAL: 201SS
AUGER SIZE AND TYPE: 6" dia. auger, 5:1 gearcase drive
MOUNTING BRACKETS: Std brackets for 96" wide bodies
MOTOR W/ SPEED SENSOR: Motor w/integral speed sensor

Mid-size reversible snow plow

Plow Length / Height: 9' length / 34" height
Moldboard Sheet Material: 10 GA GR50 steel (standard)
Moldboard Shield: Integral shield
12" Rubber Deflector: Yes
Backer Bar: Carbon (Standard)
Install Rubber Deflector: Yes





HENDERSON

PRODUCTS, INC.

11921 SMITH DRIVE
HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

CUSTOMER QUOTE

Page 2
Quote #135912
Rev #47

36" Plastic Side Markers, Pair: **Yes**
Curb Guard, Pair Installed: **Wrap around curb guard**
Hitch, Plow Portion: **Custom F550 pin hitch w/ lift frame, plow and truck portions**
Hitch, Truck Portion: **Custom F550 pin hitch w/ lift frame, plow and truck portions**
Hydraulic Lift Cylinders, Truck Portion: **2.5" x 1 1/2" x 6" nitrided lift cylinders, standard**
Plow Light Kit: **Yes, w/ wiring harness, adapter & brackets**

Installation Workup

Facility: **IDC-IL**
Chassis Delivery To Henderson: **Truck Dealer/Customer Delivers**
Completed Truck Delivery Method: **Henderson Delivers (100 miles or less)**
Chassis Make: **Ford**
Chassis Model Yr: **2020**
Chassis Model: **F550**
Useable CA/CT: **84in.**
Chassis Options 1: **10 speed Automatic transmission**
Chassis Options 2: **Gas**

Hitch Type: **F550/Ram/Hino Type Hitch**

Front Plow Type: **Standard Henderson Plow**
Plow Markers (Front Plow): **IDC Install of fact supplied markers, sales to order w/ unit**
Rubber Deflector Install: **Supplied/Installed @ Factory, sales to order w/ unit**
Front Plow Curb Guards: **Supplied/Installed @ Factory (Sales to order with unit)**
Plow Jack Install: **Supl'd/Instl'd on plow @ Factory, Sales order with unit**

Dump Body Type: **Mark Three**
Floor Length: **11' floor length**
Hoist Type: **Benchpress Scissor Hoist W/ Subframe**
Cylinder Type: **Double Acting**
Body Material (Sides/ends): **Stainless Steel Type Body Material**
Cabshield Install: **Supplied/Installed @ Factory (sales to order w/ unit)**
Shovel Holder: **(1) IDC Supl'd Spring Loaded SS Shovel Holder w/ SS brckt**
Shovel Holder Loc (1): **Driver side body**
Fuel Fill Neck Mod, Ford/Dodge: **Yes**
Def Tank Filler Tube Mod, Ford: **Yes**

Body Spec Notes:

Spreader Type: **TGS**
TGS Drive Type: **Hydraulic Drive**
TGS Spinner Configuration: **Single Spinner Install**





HENDERSON

PRODUCTS, INC.

11921 SMITH DRIVE
HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

CUSTOMER QUOTE

Page 3
Quote #135912
Rev #47

TGS Body Type: **Standard straight gate body install**
TGS mounting type: **STD TGS brackets (supplied with unit)**
HYD QD Mount Brackets: **Stainless Steel QD Mount in front of dump body bolster**

Chassis Accessories: **Yes (SELECT RELATED OPTIONS BELOW)**
Fenders: **1 Ton, Poly Fenders, SS Mount**
Pintle Plate: **Yes (select from options below)**
Pintle Plate Configuration: **1 Ton, 5/8" Plate, 2" Recvr (w/3LTC)**
Pintle Plate D-Rings: **Qty (2) 5/8" D-rings**
Pintle Hook: **Not Required**
Trailer Plug (1): **7 Pin Trailer Plug, Truck end 7-Way RV,new style (municipal)**
Truck Wash: **Complete Truck Wash/Clean/Vac 1**
Warranty: **Standard 1 Year Warranty**
Inspection: **Walk-around meeting only**
Install Touch-up: **Basic Installation Touch-Up**
Chassis Install Options 1: **108753.201 (2) 89374 (2)**

Electrical: **Yes (SELECT RELATED OPTIONS BELOW)**
Power Distribution Panel: **Power Distribution Panel**
Misc Electrical Supplies: **Req'd Misc Elect Supplies**
Worklight(s) QTY: **(QTY 2) Work Lights (Select type below)**
Worklight (1) Type: **LED, Worklight, 4in Round (Optilux)**
Worklight (1) Gen Location: **On rear of body**
Worklight (2) Type: **LED, Worklight, 4in Round (Optilux)**
Worklight (2) Gen Location: **On rear of body**
Cabshield Warning Light Qty: **Qty 6 Lights (Order Holes with Unit)**
Cabshield Warning Lights: **QTY 6, 6" LED Oval Strobes, Amber (order holes w/unit)**
Cabshield S/T/T: **QTY 2, 6.5" LED S/T/T for Cabshield (order boxes w/unit)**
Cabshield Lighting Harness: **Cabshield Warning (2-6) & STT**
Rear Dump Bolster (S/T/T): **LED S/T/T/BU, MK3, Grote harness light kit**
Rear Dump Bolster Strobes: **6" LED Oval Strobes, Amber, 1 PR, (order holes w/unit)**
Back up alarm: **Backup Alarm, 97db**
Junction Box/Backup Alarm Bracket: **Backup Alarm Bracket Installed**
Body up switch/light: **Body UP Switch/Body Up Light (Trucklite)**
Backbone & Wire Standoffs: **10' Backbone (For SA)**
Camera: **Camera supplied with chassis**
Electrical Install Opt 1: **INSTALL FORD CAMERA**
Electrical Install Opt 2: **Camera Box PN: 157992.201**
Electrical Install Opt 3: **HTE51 (2), 153195.201 (1)**

Electrical Spec Notes:

Hydraulics: **1 ton package**
Hydraulic System Type: **Central Hydraulic System (Transmission Mnt)**
System Spec/Quote: **Certified QU#1107836**
Valve Enclosure Type: **Supplied With Hydraulics**
SS Tubing Upgrade: **1 Ton Kit (w/spreader)**





HENDERSON

PRODUCTS, INC.

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HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

CUSTOMER QUOTE

Page 4
Quote #135912
Rev #47

Quick Coupler Upgrade: **Standard Quick Couplers**

Hydraulics Notes:

Total configured price: \$56,895.56
****INCLUDES FREIGHT****
Sourcewell package discount: 10%
Discounted single package price: \$51,518.00
Package(s) : 1
Total: \$51,518.00

Signed: _____ Date: _____

Quote notes:

Please consider the following options. Please mark all with "X".
All applicable Sourcewell discounts have been applied.

- 1) Delete TGS DEDUCT \$4,962
- 2) Add FSM-single auger ADD \$15,413
 - sensored motor
 - 43" side height
 - Std duty top screens
 - Nylon straps w/ rachets
 - Extended front grease tube
 - Stainless steel stand
- 3) Add Dual 75 gal prewet tanks/controls to FSM-A ADD \$4,586
 - Dual 75 gallon tanks
 - Electric control console and box

TOTAL WITH OPTIONS _____



FORM E
CONTRACT ACCEPTANCE AND AWARD



(Top portion of this form will be completed by Sourcewell if the vendor is awarded a contract. The vendor should complete the vendor authorized signatures as part of the RFP response.)

Sourcewell Contract #: 080818-HPI

Proposer's full legal name: Henderson Products Inc.

Based on Sourcewell's evaluation of your proposal, you have been awarded a contract. As an awarded vendor, you agree to provide the products and services contained in your proposal and to meet all of the terms and conditions set forth in this RFP, in any amendments to this RFP, and in any exceptions that are accepted by Sourcewell.

The effective date of the Contract will be October 29, 2018 and will expire on October 29, 2022 (no later than the later of four years from the expiration date of the currently awarded contract or four years from the date that the Sourcewell Chief Procurement Officer awards the Contract). This Contract may be extended for a fifth year at Sourcewell's discretion.

Sourcewell Authorized Signatures:

Jeremy Schwartz

701440620E604E3...
SOURCEWELL DIRECTOR OF OPERATIONS AND
PROCUREMENT/CPO SIGNATURE

Jeremy Schwartz
(NAME PRINTED OR TYPED)

Chad Coquette

DocuSigned by:
3E77E02BA64744B...
SOURCEWELL EXECUTIVE DIRECTOR/CEO SIGNATURE

Chad Coquette
(NAME PRINTED OR TYPED)

Awarded on October 22, 2018

Sourcewell Contract # 080818-HPI

Vendor Authorized Signatures:

The Vendor hereby accepts this Contract award, including all accepted exceptions and amendments.

Vendor Name HENDERSON PRODUCTS INC.

Authorized Signatory's Title DIRECTOR OF FINANCE

David Westergaard

VENDOR AUTHORIZED SIGNATURE


DAVID WESTERGAARD
(NAME PRINTED OR TYPED)

Executed on OCT. 29, 2018

Sourcewell Contract # 080818-HPI

Village of Carol Stream
Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works 

DATE: June 5, 2020

RE: Recommendation to Adopt Sewer Use and Pre-Treatment Ordinance Amendments

In October 2015 the Village received its new operating permit for the WRC. Among other requirements, Special Conditions in the permit required the Village to undertake a review and update of the Sewer Use Ordinance (SUO) to include United States Environmental Protection Agency (US EPA) regulations. In addition to the updated ordinance the Village was required to prepare an evaluation and update to Local Limits and an Enforcement Response Plan (both of which must be approved via Resolution). Consulting Engineering firm Baxter & Woodman was selected to assist in this effort due to their experience with the WRC and their considerable experience in securing EPA approval of updated SUO's for other municipal clients.

In September 2017, Public Works staff and Baxter & Woodman presented to the Village Board drafts of the documents required by the US EPA. With Board approval, those drafts were submitted to the US EPA for review and tentative approval. The ensuing process was lengthy and included multiple rounds of discussion with federal officials and changes to some of the draft language. Early this year the Village received tentative approval of all three documents. The final steps in the process include formal Village approval of all three documents and submittal of certified copies of the documents to the US EPA. Finally, the US EPA will grant final approval and issue a deadline for local implementation (typically 90 days), which includes issuing new permits to all sanitary sewer discharge permit holders.

Following final approval from the US EPA staff will work closely with Jacobs Engineering to implement the new Ordinance, Local Limits and Enforcement Response Plan. This will require consultation with each permit holder, updating information available on the website, and reviewing Public Works and Community Development processes to insure that new businesses are made aware of the new regulations and related documents.

Attached are the following documents: Sewer Use Ordinance (recommended here for approval), Local Limits Evaluation and Enforcement Response Plan (both of which must be approved separately by Resolution).

Staff recommends Adoption of a Sewer Use and Pre-Treatment Ordinance and Amendments to Chapter 13 of the Carol Stream Code of Ordinances.

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE CAROL STREAM CODE OF ORDINANCES, CHAPTER 13, AND ADOPTING A SEWER USE AND PRETREATMENT ORDINANCE

WHEREAS, the Village of Carol Stream operates a municipal wastewater treatment facility within the Village pursuant to a National Pollutant Discharge Elimination System Permit; and

WHEREAS, as a National Pollutant Discharge Elimination System Permit Holder and as mandated by the United States Environmental Protection Agency, the Village is required to implement a federally approved pretreatment program; and

WHEREAS, pursuant to the requirements of the Federal Clean Water Act and regulations promulgated thereunder, the Illinois Environmental Protection Act of 1970, as amended, and the Illinois Municipal Code, the Mayor and Board of Trustees find that it is in the best interests of the Village to adopt a Sewer Use and Pretreatment Ordinance as set forth herein.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DUPAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWERS, as follows:

SECTION 1: The Carol Stream Code of Ordinances, Chapter 13, Article 2 is hereby amended by adding the following Sections 13-2-33 through 13-2-37 which shall read as follows:

13-2-33 Use of Public Sewers Required

- A. It shall be unlawful for any Person to place, deposit or permit to be deposited in any unsanitary manner on public or private property within the Village or in any area under the jurisdiction of the Village any human or animal excretion, garbage or other unsanitary waste.
- B. It shall be unlawful to Discharge to any storm sewer, natural watercourse within the Village, or in any area under the jurisdiction of the Village, any Sewage, industrial waste or other polluted waters, except where suitable treatment has been provided and permitted by the Village.
- C. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool or other facility intended or used for the disposal of sewage.
- D. The owner of any house, building or property used for human occupancy, employment, recreation or other purpose situated within the Village and abutting on any street, alley or right-of-way in which there is now located or may in the future be located any public Sanitary Sewer of the Village, is hereby required at his or her expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer as required herein, within 90 days after date of written notice to do so is served upon him

or her by the Village; provided that, such public sewer is within 100 feet (30.48 meters) of the property line.

13-2-34 Private Sewage Disposal

- A. Where a public Sanitary Sewer is not available under the provisions of Section 13-2-33.D, the building sewer shall be connected to a private sewage disposal system complying with the provisions of this section.
- B. Before the Village will approve a new private sewage disposal system, the owner shall provide documentation that demonstrates the inability to connect to a public Sanitary Sewer and that connection to a public Sanitary Sewer will cause hardship to the owner.
- C. Before commencement of construction of a private sewage disposal system, the owner shall first obtain a written permit signed by the Director of Public Works. The application for such permit shall be made on a form furnished by the Village, which the applicant shall supplement by any plans, specifications and other information as are reasonably deemed necessary by the Director of Public Works.
- D. A permit for a private sewage disposal system shall not become effective until the installation is completed and approved by the Village Engineer. The Village Engineer shall be allowed to inspect the work at any stage of construction and the applicant for the permit shall notify the Village Engineer when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within a reasonable time by the Village Engineer after receipt of such notice.
- E. The type, capacities, location and layout of a private sewage disposal system shall comply with all recommendations of the State Private Sewage Disposal Licensing Act (225 ILCS 225/1); the Private Sewage Disposal Code promulgated thereunder, and all regulations of the State Environmental Protection Agency. No permit shall be issued for any private disposal system employing subsurface soil absorption facilities where the area of the lot is less than 43,560 square feet (4,046 square meters). No septic tank or cesspool shall be permitted to Discharge to any Natural Outlet.
- F. At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in Section 13-2-33.D, a direct connection shall be made to the public sewer in compliance with this Article, and any septic tanks, cesspools and similar private sewage disposal facilities shall be abandoned and filled with suitable material.
- G. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times and at no expense to the Village.
- H. No statement contained in this Article shall be construed to supersede more stringent requirements that may be imposed by the DuPage County Health Department.
- I. When a public sewer becomes available, the building sewer shall be connected to the public sewer within 60 days of written notice from the Village Engineer and the private sewage disposal system shall be cleaned of Bio-solids and filled with clean bank-run gravel or dirt.

13-2-35 Sewer Use Standards

- A. If any waters or wastes are Discharged or are proposed to be Discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 13-6-2, and which in the judgment of the Village Engineer may have a deleterious effect upon the POTW, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Engineer may:

1. Reject the wastes;
 2. Require Pretreatment to an acceptable condition for Discharge to the public sewers;
 3. Require control over the quantities and rates of Discharge; and/or
 4. Require payment to cover the added costs of handling and treating the wastes not covered by existing taxes or sewer charges, under the provisions of Section 13-19-1 through 13-19-4. If the Village Engineer permits the Pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Village Engineer, and subject to the requirements of all applicable codes, ordinances and laws.
- B. Where preliminary treatment of flow-equalizing facilities is provided, such facilities shall be continuously maintained in satisfactory and effective operation by the owner at his or her expense.
- C. Grease, oil and sand interceptors shall be provided when, in the opinion of the Village Engineer, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand or other harmful ingredients; except that, such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Village Engineer, and shall be located as to be readily and easily accessible for cleaning and inspection.
- D. Each industry shall be required to install a control manhole and, when required by the Village Engineer, the owner of any property serviced by a Building Sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the Building Sewer to facilitate observation, sampling and measurement of the wastes. Such manhole when required shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Village Engineer. The manhole and equipment shall be installed by the owner at his or her expense, and shall be maintained by him or her so as to be safe and accessible at all times.
1. Each sampling chamber shall contain a Palmer-Bowlus flume unless a weir or similar device is approved by the POTW with a recording and totalizing register for measurement of the liquid quantity; or, at the discretion of the Village, the metered water supply to the industrial plant may be used as the liquid quantity where it is substantiated to the Village that the metered water supply and waste quantities are approximately the same, or where a measurable adjustment agreed to by the POTW is made in the metered water supply to determine the liquid quantity.
- E. The owner of any property serviced by a Building Sewer carrying industrial wastes shall provide laboratory measurements, tests and analysis of waters and wastes to illustrate compliance with this Article and any special conditions for Discharge established by the Village or regulatory agencies having jurisdiction over the discharge. The number, type and frequency of laboratory analysis to be performed by the owner shall be stipulated by the Village, but no less than twice per year the industry must supply a complete analysis of the constituents of the Wastewater Discharged to assure that compliance with the federal, state and local standards are being met. The owner shall report the results of measurements and laboratory analysis to the Village Engineer at such times and in such manner as he or she prescribes. The owner shall bear the expense of all measurements, analysis and reporting required by the Village. At such time as deemed necessary, the Village reserves the right to take measurements and samples for analysis by an outside laboratory service.
- F. All measurements, tests and analysis of the characteristics of waters and wastes to which reference is made in this Article shall be determined in accordance with that publication entitled Standard Methods for the Examination of Water and Wastewater, Fifteenth Edition, published by the American Public Health Association, as amended from time to

time, and shall be determined at the control manhole provided, or upon suitable samples taken at the control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the Building Sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb and property. The particular analysis involved will determine whether a 24-hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken.

- G. No statement contained herein shall be construed as preventing any special agreement or arrangement between the Village and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Village for treatment, subject to payment therefore, in accordance with Section 13-19-1 through 13-19-4, by the industrial concern.

13-2-36 Food Service Establishments

All Food Service Establishments are required to install a grease interceptor and obtain all required permits (e.g. Village, County, etc.) for the installation. The User is required to routinely clean and properly maintain the grease interceptor so that the discharge to the POTW is in compliance with Section 13-6-5.A. All permits and cleaning and maintenance records shall be kept on-site for a minimum of three years. Upon request, the Village shall be allowed access to inspect the FSE grease interceptor.

13-2-37 Sewer Line Maintenance/Replacement

- A. The property owner is responsible for the maintenance and repair of the private sewer line from their structure to the main sewer or Public Sewer including the connection into the main/Public Sewer.
- B. In the event the property owner finds it necessary to excavate the private sewer line for maintenance or replacement, such excavation shall be the property owner's responsibility.
- C. In those instances when property owners have had to excavate and as a result the sidewalk, curb and street have been dug out or damaged, the property owner will be responsible for the restoration of the street (surface and sub-surface) curb and sidewalk.
- D. In those instances where Subsection C. is involved, it is recommended tunneling under the curb and sidewalk whenever practical. Sidewalk and curb must be cut when removal is required.
- E. All work, as it is related to the replacement and/or repair of the private sewer line, shall be in conformance with the Village standard construction specifications and will be inspected by a Duly Authorized Agent of the Village during the repair and replacement.

SECTION 2: The Carol Stream Code of Ordinances, Chapter 13, Article 4 is hereby amended in its entirety and as amended shall read as follows:

ARTICLE 4: INFORMATION REQUIRED OF NON-RESIDENTIAL WASTEWATER SYSTEM USERS

13-4-1 Initial Survey (Questionnaire)

- A. The Initial Survey shall be completed in order to ensure that said Non-Residential Users of the POTW of the Village adhere to and comply with the restrictions and prohibitions pertaining to Pretreatment Standards of wastes Discharged into the POTW of the Village set forth in Article 6, spill control of raw materials, intermediates and waste as set forth in Section 13-7-4, and to facilitate the Village's investigation of apparent or suspected violations thereof. The requirements are as follows:
1. All existing or new Non-Residential Users, or in areas receiving sewer service from the Village, shall complete and submit an Initial Survey on a form provided by the Village when requested by the Village.
 2. All Users defined in Section 13-4-1.A.1 seeking to establish a new account for Sanitary Sewer service from the Village or to establish a new connection to the POTW of the Village shall file a completed Initial Survey with the Village as a condition to the establishment of such new Sanitary Sewer service account or connection to the POTW of the Village.
 3. The Initial Survey shall contain a statement affirming the truth, completeness and correctness of information submitted signed by an Authorized Representative of the User as defined in Section 13-5-6.
 4. All Users defined above that fail to complete and submit to the Village an Initial Survey shall be in violation of the provisions of this division (Section 13-4-1) and shall be subject to all of the applicable penalties provided for in this Ordinance, including but expressly not limited to the revocation of all permits and approvals previously granted to the commercial or Industrial User in question for the Discharge of Sewage or Wastewater into the POTW of the Village.

13-4-2 Affirmation to Initial Survey

- A. The Village shall determine based on building, zoning and occupant usage whether the User shall be required to file a periodic Affirmation of Survey. The Users status will be defined by the Village after review of the Initial Survey submitted as required in Section 13-4-1.
- B. Any User, defined in Section 13-4-1, having filed an Initial Survey where the information remains true, complete and correct in all respects may be required to submit a statement that the information remains current as part of a Discharge permit application process.
1. The statement is required to be signed by an Authorized Representative of the firm.
 2. The statement will be required to be submitted upon request by the Village.
 3. All Users defined above that fail to file an Affirmation with the Village shall be in violation of the provisions of this division (Section 13-4-1) and shall be subject to all of the applicable penalties provided for in this Ordinance, including but expressly not limited to the revocation of all permits and approvals previously granted to the commercial or Industrial User in question for the Discharge of Sewage or Wastewater into the POTW of the Village.

13-4-3 Reports of Changed Conditions

- A. Any User, defined in Section 13-4-1, that makes any changes determined to be substantial as defined in Section 13-10-6 shall report said changes as required in Section 13-10-6. Reports of changed conditions are required to be made prior to the change. The User may be required to file an updated survey as a result of changed conditions.

13-4-4 Additional Survey Information

- A. After review of the Initial Survey completed per Section 13-4-1, all Non-Residential Users that the Village has defined to have the potential to be defined a Significant Industrial User (SIU) or a Non-Significant Regulated User (NSRU) shall be required to complete and file a more detailed Wastewater Survey on a form provided by the Village. At a minimum, a description of processes, water usage and Wastewater characteristics for the facility will be required to be submitted. This information will be evaluated by the Village for determination of the requirement to issue an Individual Wastewater Discharge Permit per Articles 8 and 9 or a General Wastewater Discharge Permit.
- B. Periodic Updates of Wastewater Survey Information. The information provided in the Wastewater Survey may be required to be revised and/or updated for the following conditions:
 - 1. A Report of Changed Conditions is filed as required in Section 13-10-6,
 - 2. An application for a Wastewater Discharge Permit is required to be filed per Articles 8 and 9, or
 - 3. A re-issuance of a Wastewater Discharge Permit occurs per Section 13-9-7.
- C. In addition to the Wastewater Survey defined in Section 13-4-4, Categorical Industrial Users may be required to complete a category specific survey that identifies sub-processes and processes performed at the site in order to define which sub-processes and processes are regulated by an USEPA Effluent Guideline category.

SECTION 3: The Carol Stream Code of Ordinances, Chapter 13, Article 5, is hereby amended in its entirety and as amended shall read as follows:

ARTICLE 5: GENERAL WASTEWATER PRETREATMENT PROVISIONS

13-5-1 Enactment

Pursuant to the requirements of the Federal Clean Water Act and regulations promulgated thereunder, the Illinois Environmental Protection Act of 1970, as amended, and in accordance with Illinois Municipal Code, Chapter 13, Articles 5 - 20, hereby known as Sewer Use and Pretreatment Ordinance, is enacted by the Board of Trustees of the Village of Carol Stream.

13-5-2 Purpose and Policy

This Ordinance sets forth uniform requirements for Users of the Publicly Owned Treatment Works (POTW) for the Village of Carol Stream, hereafter referred to interchangeably as the Village. This Ordinance provides for the use of public and private sewers and drains, private Sewage disposal, and authorizes the installation and continuing of connections into the Sewage works of the Village upon certain conditions, including permission thereof; providing for the installation and maintenance of such connections and enforcements thereto; regulating the use of municipal and private sewers and drains; individual Wastewater disposal, the installation, connection and disconnection of Building Sewers, the Discharge of water and waste in the Public Sewer system; and providing for penalties for violation thereof; and providing for termination of permits issued by the Village pursuant to the provisions hereof.

This Ordinance enables the Village to comply with all applicable State and Federal laws, including the Clean Water Act (33 United States Code § 1251 et seq.) and General Pretreatment Regulations of 40 CFR Part 403. Additional objectives of this chapter are:

- A. To prevent the introduction of Pollutants into the POTW that will Interfere with its operation;

- B. To prevent the introduction of Pollutants into the POTW that will Pass Through the POTW, inadequately treated, into receiving waters, or otherwise be incompatible with the Publicly Owned Treatment Works;
- C. To protect POTW Personnel who may be affected by air, Wastewater and Bio-solids in the course of their employment and the general public;
- D. To promote reuse and recycling of Industrial Wastewater and Bio-solids from the POTW;
- E. To enable the Village to comply with its National Pollutant Discharge Elimination System permit conditions, Bio-solids Use and Disposal Requirements, and any other Federal or State laws to which the POTW is subject;
- F. To provide for fees for the equitable distribution of the cost of operation, maintenance, and improvement of the POTW; and
- G. To regulate private Wastewater disposal systems.

This Ordinance shall apply to all Users of the POTW and provides for the enforcement of general requirements for Users. The Ordinance authorizes the issuance of Wastewater connection and Discharge permits; provides for monitoring, compliance, and enforcement activities; establishes administrative review procedures; requires User reporting; and provides for the setting of fees for the equitable distribution of costs resulting from the programs established herein. The Ordinance authorizes the issuance of Wastewater Discharge permits that do not allow the discharge of defined process waste streams but continue to allow the discharge of domestic or Sanitary Wastewater.

13-5-3 Administration

Except as otherwise provided herein, the Pretreatment Coordinator and/or Duly Authorized Agent(s) shall administer, implement, and enforce the provisions of this chapter. Any powers granted to or duties imposed upon the Pretreatment Coordinator and/or Duly Authorized Agent(s) may be delegated by the Village or Pretreatment Coordinator to other Village Personnel or other Duly Authorized Agent(s) of the Village.

It shall be the duty of employees of the Police, Community Development and Engineering Services departments to give vigilant aid to the Department of Public Works in the enforcement of this chapter and to this end they shall report all violations thereof, which come to their knowledge, to the Director of Public Works.

13-5-4 Jurisdiction

This Chapter shall apply to all Persons within the Village and to Persons outside the Village, who are within the Carol Stream facility planning area or who by contract or agreement with the Village are Users of the Village POTW.

13-5-5 Abbreviations

The following abbreviations, when used in this ordinance, shall have the designated meanings:

BOD	-	Biochemical Oxygen Demand
BMP	-	Best Management Practices
BMR	-	Baseline Monitoring Report
CFR	-	Code of Federal Regulations
CIU	-	Categorical Industrial User
COD	-	Chemical Oxygen Demand
CWA	-	Clean Water Act
DPW	-	Director of Public Works
FOG	-	Fats, Oils and Grease, interchangeable with Oil and Grease

FSE	-	Food Service Establishment
GI	-	Grease Interceptor
gpd	-	Gallons per day
IAC	-	Illinois Administrative Code
IEPA	-	Illinois Environmental Protection Agency
IU	-	Industrial User
mg/l	-	Milligrams per liter
NCPS	-	National Categorical Pretreatment Standard
NPDES	-	National Pollutant Discharge Elimination System
NSCIU	-	Non-Significant Categorical Industrial User
NSRU	-	Non-Significant Regulated User
POTW	-	Publicly Owned Treatment Works
PSES	-	Pretreatment Standards for Existing Sources
PSNS	-	Pretreatment Standards for New Sources
ppm	-	Part per million
RCRA	-	Resource Conservation and Recovery Act
SDWA	-	Safe Drinking Water Act
SIU	-	Significant Industrial User
SNC	-	Significant Non-Compliance
SSO	-	Sewer System Overflows
SWDA	-	Solid Waste Disposal Act
TSS	-	Total Suspended Solids
TTO	-	Total Toxic Organics
U.S.C.	-	United States Code
USEPA	-	U.S. Environmental Protection Agency
VE	-	Village Engineer

13-5-6 Definitions

Unless a provision explicitly states otherwise, the following terms and phrases, as used in this Ordinance, shall have the meanings hereinafter designated.

“Act” or “the Act” or “Clean Water Act” or “Federal Act” means the Federal Water Pollution Control Act, also known as the Clean Water Act (CWA), as amended, 33 U.S.C. § 1251 et seq.

“Agency” means the Illinois Environmental Protection Agency (IEPA).

“Approval Authority” means the Regional Administrator of Region V of USEPA, until such time that the State of Illinois has a USEPA approved Pretreatment program.

“Authorized Representative of the User” means

1. If the User is a corporation:
 - a. By a responsible corporate officer - the president, secretary, treasurer, or a 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
 - b. The manager of one or more manufacturing, production, or operation facilities provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with

environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for individual Wastewater permit (or general permit) requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. If the User is a partnership or sole proprietorship: a general partner or proprietor, respectively.
3. If the User is a limited liability company (LLC): any managing member of the company.
4. If the User is a Federal, State, or local governmental facility: a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or their designee.
5. The individuals described in paragraphs 1 through 4, above, may designate a Duly Authorized Representative, if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the Discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the Village of Carol Stream.
6. If an authorization under Paragraph 5 of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall environmental matters for the company, a new authorization satisfying the requirements of Paragraph 5 must be submitted to the Village of Carol Stream within 30 days. If an authorization under Paragraph 5 of this section is no longer accurate because the individual described in Paragraphs 1 through 4 above has changed, a new authorization satisfying the requirements of Paragraph 5 must be submitted to the Village of Carol Stream within 30 days.

“Basic User Charge” means the basic assessment levied on all users of the Public Sewer system.

“Best Management Practice (BMP)” means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in Section 13-6-2 [40 CFR 403.5(a)(1) and (b)] and/or prevent or reduce the pollution conveyed to the POTW. BMPs include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, Bio-solids or waste disposal, or drainage from raw materials storage.

“Biochemical Oxygen Demand (BOD) or (BOD₅)” means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures approved in 40 CFR 136 for five (5) days at 20 degrees centigrade (20° C), usually expressed as a concentration (e.g., milligrams per liter (mg/l)).

“Bio-solids” refers to the anaerobically digested and stabilized organic solids removed from the POTW and disposed of on agricultural land or at a landfill.

“Building Drain” means that part of the lowest piping of a drainage system which receives the Discharge from waste, and other drainage pipes inside the walls of the building and conveys it to the Building Sewer or other approved point of Discharge, beginning five feet (1.5 meters) outside the inner face of the building wall. Discharge of Stormwater runoff to the Building Drain is prohibited.

“Building Sewer” means the extension from the Building Drain to the Public Sewer or other place of disposal.

“Bypass” means the intentional diversion of wastestreams from any portion of a User’s treatment or Pretreatment facility.

“Categorical Industrial User (CIU)” means an Industrial User subject to a Categorical Pretreatment Standard or Categorical Standard. A CIU is considered to be a Significant Industrial User.

“Categorical Pretreatment Standard” or “Categorical Standard” means any regulation containing Pollutant Discharge limits promulgated by USEPA in accordance with Sections 307(b) and (c) of the Act (33 U.S.C. § 1317) which apply to a specific category of Users and which appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.

“Chemical Oxygen Demand (COD)” means the quantity of oxygen utilized in the chemical oxidation of all compounds, both organic and inorganic in water, under standard laboratory procedures as described in 40 CFR 136 usually expressed as a concentration (e.g. mg/l).

“Combined Sewer” means a pipe or conduit that is designed and constructed to carry Wastewater, Stormwater, surface water and ground water drainage. The Village prohibits Combined Sewers.

“Combined Waste Stream Formula” means the formula set forth in 40 CFR Section 403.6(e).

“Compatible Pollutant” means Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), pH, and Fecal Coliform Bacteria.

“Composite Sample” means a sample of Wastewater composed of two or more discrete samples collected, based on a Flow-proportional or time-proportional method.

“Control Authority” means Village of Carol Stream.

“Control Manhole” means a structure located on a site from which Industrial Wastes are Discharged. The purpose of a Control Manhole is to provide access for the Village representative to sample and/or measure Discharges.

“Cooling Water” means the water Discharged from any use such as air conditioning, cooling or refrigeration, to which the only Pollutant added is heat.

“Daily Maximum” means the arithmetic average of all effluent samples for a Pollutant collected during a calendar day.

“Daily Maximum Limit” means the maximum allowable Discharge limit of a Pollutant during a calendar day. Where Daily Maximum Limits are expressed in terms of a concentration, the daily Discharge is the arithmetic average measurement of the Pollutant concentration derived from all measurements taken that day. Where Daily Maximum Limits are expressed in units of mass, the daily Discharge is the total mass Discharged over the course of a day.

“Director Public Works” means the Director of Public Works of the Village of Carol Stream, or his authorized agent.

“Discharger” means any Person, firm, establishment or institution that Discharges Wastewater, excluding inflow and infiltration, into the POTW from any non-domestic source regulated under

Section 307(b), (c), or (d) of the Act and 35 Ill Adm. Code (IAC) 307. “Discharger” is used interchangeably with “User”.

“Discharge Permit” means an individual or general permit issued to a User which specifies the requirements for Discharge of Wastewater or the requirements for zero Discharge of Wastewater as appropriate.

“Duly Authorized Agent” means the Mayor and Board of Trustees of Carol Stream and designated employees and agents of the Village.

“Dwelling” means a unit designed for occupancy by one family. It may be a house designed for the exclusive use of one family or it may be a portion of a building designed and intended to be used by one family.

“Easement” means an acquired legal right for the specific use of land owned by others.

“Effluent Criteria” means those criteria defined in any applicable “NPDES” Permit.

“Environmental Protection Agency” means the U.S. Environmental Protection Agency or, where appropriate, the Regional Water Management Division Director, the Regional Administrator, or other duly authorized official of said agency.

“Existing Source” means any source of Discharge that is not a “New Source”.

“Fats, Oil, And Grease (FOG)” is used interchangeably with “Oils and Grease”.

“Fecal Coliform Bacteria” means any number of organisms common to the intestinal tract of humans or animals whose presence in Sanitary Sewage is an indicator of pollution.

“Federal Grant” means the United States government participation in the financing of the construction of POTW as provided by Title II-Grants for Construction of Treatment Works of the Act and implementing regulations.

“Food Service Establishment (FSE)” means any User engaged in the activities of manufacturing, preparing, serving, or otherwise making available for consumption foodstuffs that use one or more of the following preparation activities: blending, cooking by frying (all methods), baking (all methods), grilling, sautéing, rotisserie cooking, broiling (all methods), boiling, blanching, roasting, toasting, or poaching and infrared heating, searing, barbecuing, and any other food preparation or servicing activity that produces a consumable food product in or on a receptacle requiring washing to be reused. A limited food preparation establishment is not considered to be a FSE when only engaged in reheating, hot holding or assembly of ready to eat food products and as a result, there is no Wastewater Discharge containing significant amounts of FOG.

“Floatable Oil” means oil, fat or grease in a physical state such that it will separate by gravity from Wastewater by treatment in an approved Pretreatment facility.

“Flow” means volume of Wastewater per unit of time.

“Garbage” means solid wastes from domestic and commercial preparation, cooking, and dispensing of food, and from the commercial handling, storage, and sale of produce or food.

“Grab Sample” means a sample which is taken from a wastestream on a one-time basis without regard to the Flow in the wastestream and over a period of time not to exceed fifteen (15) minutes.

“Hauled Waste” means sanitary or process Wastewater transported as a commercial venture.

“Hot Spots” means areas in sewer lines that have experienced Sanitary Sewer overflows or that must be cleaned and maintained frequently to avoid blockages of the sewer system.

“Incompatible Pollutant” means any Pollutant not a Compatible Pollutant.

“Indirect Discharge” or “Discharge” means the introduction of Pollutants into POTW from any non-domestic source.

“Industrial User (IU)” or “User” means a source of Indirect Discharge from a non-Residential Source.

“Industrial Waste” means a combination of liquid and water carried wastes Discharged, permitted to flow or escaping from any non-Residential Source, including the Wastewater from Pretreatment facilities and polluted Cooling Water.

“Instantaneous Daily Maximum” means the maximum concentration of a Pollutant allowed to be Discharged at any time, determined from the analysis of any discrete or composited sample collected, independent of the industrial Flow rate and the duration of the sampling event.

“Interference” or “Interfere” means a Discharge which, alone or in conjunction with a Discharge or Discharges by other sources, inhibits or disrupts the POTW, its treatment processes or operations, or its Bio-solids processes, use or disposal and therefore, is a cause of a violation of any requirement of the POTW’s NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of Wastewater or Bio-solids use or disposal by the POTW in accordance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State Bio-solids management plan prepared pursuant to subtitle D of the SWDA) the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act.

“Local Limit” means specific Discharge limits developed and enforced by the Village upon Non-Residential Users or facilities to implement the general and specific Discharge prohibitions listed in 40 CFR 403.5(a)(1) and (b).

“Medical Wastes” means isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.

“Milligrams Per Liter” means a unit of the concentration of water or Wastewater constituent representing 0.001 g of the constituent in 1,000 ml of water.

“Monthly Average” means the sum of all “daily Discharges” measured during a calendar month divided by the number of “daily Discharges” measured during that month.

“Monthly Average Limit” means the highest allowable average of “Daily Discharges” over a calendar month, calculated as a sum of all the “Daily Discharges” measured during a calendar month divided by the number of “Daily Discharges” measured during that month.

“National Categorical Pretreatment Standard,” “Categorical Pretreatment Standard,” or “Categorical Standard” means any regulation containing Pollutant Discharge limits promulgated by USEPA in accordance with Sections 307(b) and (c) of the Act (33 U.S.C. 1317) which apply to a specific category of Users and which appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.

“National Pollutant Discharge Elimination System” or “NPDES” means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits from point sources to waters of the United States, and imposing and enforcing Pretreatment Requirements.

“National Pollutant Discharge Elimination System Permit (NPDES Permit)” means a permit issued pursuant to Section 402 of the CWA. The Village’s operates its POTW under NPDES Permit No. IL0026352.

“Natural Outlet” means any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.

“New Source” means:

1. Any building, structure, facility, or installation from which there is (or may be) a Discharge of Pollutants, the construction of which commenced after the publication of proposed Pretreatment Standards under Section 307 (c) of the Act which will be applicable to such source if such Standards are thereafter promulgated in accordance with that section, provided that one of the following is true:
 - a) The building, structure, facility, or installation is constructed at a site on which no other source is located;
 - b) The building, structure, facility, or installation totally replaces the process or production equipment that causes the Discharge of Pollutants at an Existing Source; or
 - c) The production or Wastewater generating processes of the building, structure, facility, or installations are substantially independent of an Existing Source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the Existing Source, should be considered.
2. Construction on a site at which an Existing Source is located results in a modification rather than a New Source if the construction does not create a new building, structure, facility, or installation meeting the criteria of Section 1.b. or c. above but otherwise alters, replaces, or adds to existing process or production equipment.
3. Construction of a New Source as defined under this paragraph has commenced if the owner or operator has done one of the following:
 - a) Begun, or caused one of the following to begin as part of a continuous onsite construction program:
 - 1) Any placement, assembly, or installation of facilities or equipment; or

- 2) Significant site preparation work including, clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of New Source facilities or equipment; or
 - b) Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.
4. New Sources shall install and have in operating condition and shall “start-up” all pollution control equipment required to meet applicable Pretreatment Standards before beginning to Discharge.

“Non-Contact Cooling Water” means water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product.

“Non-Residential User” means all Users not defined “Residential Users”.

“Non-Significant Regulated User” means a Non-Residential User that meets the criteria outlined in Section 13-8-2.C.5.

“Oils and Grease” means any hydrocarbons, fatty acids, soaps, fats, waxes, oils and any other material that is extracted by a solvent in a method approved in 40 CFR 136.

“Overhead Sewer” means a sewer that does not Discharge to a public or private sewer main through the use of gravity. Overhead sewers utilize a pump to lift the Sewage to an elevation where gravity can then carry away the Wastewater. Non-Residential Wastes Discharged from Overhead Sewers are subject to all the same limits and requirements of Sanitary Sewers.

“Pass Through” means a Discharge that exits the POTW into waters of the United States in quantities or concentrations, which alone or in conjunction with Discharge or Discharges from other sources, is a cause of a violation of any requirement of the POTW’s NPDES permit, including an increase in the magnitude or duration of a violation.

“Permittee” means Person or Non-Residential User that is issued a Wastewater Discharge Permit.

“Person” means any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal entity; or their legal representatives, agents, or assigns. This definition includes all Federal, State, and local governmental entities.

“pH” means a measure of the acidity or alkalinity of a solution, calculated by taking the logarithm of the reciprocal of the hydrogen ion concentration, expressed in standard units.

“Pollutant” means any dredged spoil, solid waste, filter backwash, incinerator residue, Sewage, Garbage, Wastewater Bio-solids, munitions, Medical Wastes, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt or municipal, agricultural and Industrial Wastes and certain characteristics of Wastewater (e.g., pH, temperature, TSS, turbidity, color, BOD, COD, toxicity, or odor).

“Population Equivalent” means a term used to evaluate the impact of industrial or other waste on a Treatment Works or stream. One Population Equivalent is 100 gallons (380 liters) of Sewage

per day, containing 0.17 pounds (77 g) of BOD₅ (five-day Biochemical Oxygen Demand) and 0.20 pounds (91 g) of Total Suspended Solids. The impact on a Treatment Works is evaluated or defined as the highest Population Equivalent of the three (four) parameters. (IEPA 301.345)

“Potential Problem” means any Discharge which alone or in combination with Discharges from other sources inhibits or disrupts the POTW or any of its processes or operations including plant emissions or any conditions which create public nuisance causing the POTW to expend additional resources or manpower or take additional steps to protect the POTW processes or receiving stream.

“ppm” means parts per million.

“Pretreatment” means the reduction of the amount of Pollutants, the elimination of Pollutants, or the alteration of the nature of Pollutant properties in Wastewater prior to, or in lieu of, discharging or otherwise introducing such Pollutants into the POTW. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentrations of the Pollutants unless allowed by an applicable Pretreatment Standard.

“Pretreatment Coordinator” means the Director of Public Works of the Village of Carol Stream or his designee.

“Pretreatment Requirements” means any substantive or procedural requirement related to Pretreatment imposed on an Industrial User, other than a Pretreatment Standard.

“Pretreatment Standards” or “Standards” means Village prohibitive Discharge Standards as set forth in Section 13-6-2, Village specific limitations on Discharge as set forth in Section 13-6-5, State of Illinois Pretreatment Standards in Ill. Adm. Code Section 307, or the National Categorical Pretreatment Standards, whichever Standard is most stringent.

“Prohibited Discharge Standards” or “Prohibited Discharges” means absolute prohibitions against the Discharge of certain substances; these prohibitions appear in Section 13-6-2.

“Properly Shredded Garbage” means the wastes from the preparation, cooking and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the Flow conditions normally prevailing in Public Sewers, with no particle greater than one-half inch (1.27 centimeters) in any dimension.

“Public Sewer” means a sewer provided by or subject to the jurisdiction of the Village. It shall also include sewers within or outside the Village limits that serve one or more Persons and, ultimately Discharge into the Village Sanitary Sewer, even though those sewers may not have been constructed with Village funds.

“Publicly-Owned Treatment Works (POTW)” means a “Treatment Works”, as defined by Section 212 of the Act, (33 U.S.C. section 1292) which is owned by the Village. This definition includes any devices and systems used in the collection, conveyance, storage, treatment, recycling, and reclamation of Sewage or Industrial Wastes, of a liquid nature that are connected to the Village POTW regardless of ownership, but does not include sewers, pipes, and other conveyances not connected to the Village POTW. Synonymous with POTW, Wastewater Treatment Works, Water Pollution Control Facility, and Wastewater Facilities.

“Regional Administrator” means the Regional Administrator for the USEPA Region V.

“Residential Source” or “Residential User” means any single family or multi-family Dwelling unit designed primarily as a place of human habitation which Discharges only domestic Wastewater to the Village’s system.

“Sanitary Sewer” means a pipe of conduit designed and/or intended to carry Wastewater from residences, commercial buildings, industrial plants and institutions, and to which Stormwater, surface water, ground water and unpolluted Non-Contact Cooling Water are not intentionally admitted.

“Septic Tank Waste” means any Sewage from holding tanks such as vessels, chemical toilets, campers, trailers, and septic tanks.

“Sewage” means human excrement and gray water (household showers, dishwashing operations, etc.) Used interchangeably with “Wastewater.”

“Sewage Treatment Works” see “Publicly-Owned Treatment Works”.

“Sewerage” means the system of sewers and appurtenances for the collection, transportation and pumping of Sewage and Industrial Wastes.

“Shall/May”. When used herein, the term “shall” is mandatory and the term “may” is permissive.

“Significant Industrial User” means a User of the POTW (except as provided by paragraphs (3) and (4)) who is:

1. A User subject to any National Categorical Pretreatment Standards; or
2. A User that:
 - a) Has an average process Wastewater Discharge Flow of twenty-five thousand (25,000) gallons or more per Work Day (excluding sanitary, non-contact cooling and boiler blow-down Wastewater);
 - b) Has a Discharge Flow of process Wastewater that makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the POTW; or
 - c) Is designated as such by the Village on the basis that it has a reasonable potential for adversely affecting the POTW’s operation or for violating any Pretreatment Standard or Requirement.
3. The Village may determine that a User subject to Categorical Pretreatment Standards is a Non-Significant Categorical Industrial User rather than a Significant Industrial User on a finding that the User never Discharges more than 100 gallons per day (gpd) of total categorical Wastewater (excluding sanitary, non-contact cooling and boiler blowdown Wastewater, unless specifically included in the Pretreatment Standard) and the following conditions are met:
 - a) The User, prior to the Village’s finding, has consistently complied with all applicable Categorical Pretreatment Standards and Requirements;
 - b) The User annually submits the certification statement required in Section 13-10-3.C. [see 40 CFR 403.12(q)], together with any additional information necessary to support the certification statement; and
 - c) The User never Discharges any untreated concentrated Wastewater.
4. Upon a finding that a User meeting the criteria in Subsection (2) of this part has no reasonable potential for adversely affecting the POTW’s operation or for violating any

Pretreatment Standard or Requirement, the Village may at any time, on its own initiative or in response to a petition received from a User, determine that such User should not be considered a Significant Industrial User in accordance with 40 CFR 403.8(f)(6).

“Sludge” see “Bio-solids”.

“Slug” or “Slug Load” means any Discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch Discharge, which has a reasonable potential to cause Interference or Pass Through, or in any other way violate the POTW’s regulations, Local Limits or Permit conditions or any discharge of flow rate or concentration that could cause a violation of the Prohibited Discharge Standards in Section 13-6-2.

“State Act” means the Illinois Anti-Pollution Bond Act of 1970.

“State Grant” means the state of Illinois participation in the financing of the construction of Treatment Works as provided by the Illinois Anti-Pollution Bond Act and for making such grants as filed with the Secretary of the State of Illinois.

“Storm Sewer” means a sewer that carries rain water, snow melt and surface drainage but excludes Sewage and Industrial Wastes other than unpolluted Cooling Water.

“Stormwater” means any Flow occurring during or following any form of natural precipitation, and resulting from such precipitation, including snowmelt.

“Sump Pump” means any electrical and/or mechanical device designed to raise water from a lower level to a higher level and is designed to remove collected storm water from a pit to a Storm Sewer or other approved point of Discharge.

“Surcharge” means the assessment in addition to the Basic User Charge and debt service charge which is levied on those Users whose wastes are greater in strength than the concentration values established in Section 14-04-150.

“T” as in Cyanide-T means total.

“Total Suspended Solids (TSS)” means total suspended matter, expressed in Milligrams Per Liter, that either floats on the surface of, or is in suspension in water, Wastewater or other liquids and is removable by laboratory filtration, under standard laboratory procedures approved in 40 CFR 136.

“Total Toxic Organics” means the summation of all quantifiable values greater than 0.01 mg/l for the toxic organics specified in the applicable regulation.

“Unpolluted Water” means water quality equal to or better than the Effluent Criteria in effect or water that would not cause violation of receiving Water Quality Standards and would not be benefited by Discharge to the Sanitary Sewers and POTW provided.

“Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with Pretreatment Standards because of factors beyond the reasonable control of the Industrial User. 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.

“User” means any Person or source that contributes, causes or allows the source of Indirect Discharge into the POTW. It may also include such Persons or sources that are prohibited from discharging specific Pollutants or waste streams to the POTW.

“User Charge” means a charge levied on Users of Treatment Works for the cost of operation and maintenance.

“Village” means the Village of Carol Stream and any reference to “within the Village” shall mean all territory within the perimeter of the Village of Carol Stream boundaries or wastewater service area.

“Village Engineer” or “VE” means the Director of Engineering Services of the Village of Carol Stream or his designee.

“Wastewater” means the combination of the liquid and water carried wastes from residential Dwellings, commercial buildings, industrial and manufacturing facilities, and institutions, whether treated or untreated, which are contributed to the POTW.

1. Sanitary Wastewater means the combination of liquid and water carried wastes Discharged from toilets and other sanitary plumbing facilities.
2. Industrial Wastewater means a combination of liquid and water carried wastes Discharged from any Industrial User, including the Wastewater from Pretreatment facilities and polluted Cooling Water.

“Wastewater Fund” means the principal accounting designation for all revenues received in the operation of the wastewater system.

“Wastewater Hauler” means any person, partnership or corporation engaged in transporting sanitary wastewater as a commercial venture.

“Wastewater Service Charge” means the charge per month levied on all Users of the Wastewater facilities. The Service Charge shall be computed as outlined in Section 13-19-1, and shall consist of the total of the Basic User Charge, the Debt Service Charge and Surcharge, if applicable.

“Wastewater Treatment Works” see “Publicly-Owned Treatment Works”

“Wastewater Discharge Permit” means the document or documents issued to a User by the Village pursuant to Article 9 of this chapter.

“Water Course” means a channel in which a flow of water occurs, either continuously or intermittently.

“Water Quality Standards” means those Standards defined in the Water Pollution Regulations of Illinois, Title 35, Subtitle C, Chapter I.

“Waters of the State of Illinois” means all streams, lakes, ponds, marshes, Water Courses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private,

which are contained within, Flow through, or border upon the State of Illinois or any portion thereof.

“Work Day” means a day on which work or service is performed by an industry.

SECTION 4: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 6, “General Wastewater Discharge Requirements” which shall read as follows:

ARTICLE 6: GENERAL WASTEWATER DISCHARGE REQUIREMENTS

13-6-1 Applicability

- A. It shall be unlawful to Discharge or cause to be Discharged to any facility served by the Village, without having first complied with the terms of this chapter.
- B. Users must meet the most stringent applicable requirements and limitations at all times either as set forth in this Ordinance, or in individual Wastewater Discharge Permits, Federal Pretreatment Standards as established by 40 CFR 403, or State of Illinois Standards as codified in 35 IAC 307. Said Users shall provide the necessary Wastewater treatment to achieve compliance with all National Categorical Pretreatment Standards and requirements within the time limitations as specified by the Federal Pretreatment Regulations, and with any other Pretreatment Standards including Local Limits and requirements, by applicable deadlines.

13-6-2 Prohibited Discharge Standards

These following prohibitions apply to all Users of the POTW whether or not they are subject to a Categorical Pretreatment Standard or any other National, State or local Pretreatment Standards or Requirements.

- A. No User shall contribute or cause to be contributed, directly or indirectly to the Village Treatment Works, any Pollutant or Wastewater contaminant which will cause Pass Through, cause Interference with, inhibition of, or cause Potential Problems to the operation of the POTW;
- B. No User shall increase the use of potable or process water, or in any other way, attempt to dilute a Discharge as a partial or complete substitute for adequate treatment in order to achieve compliance with a Pretreatment Standard or Requirement except where expressly authorized to do so by an applicable Pretreatment Standard or Requirement and in a Wastewater Discharge Permit; and
- C. No User shall introduce, or cause to be introduced, either directly or indirectly, any of the following described Pollutants, substances or Wastewater into the POTW:
 1. Any Unpolluted Water including, but not limited to, uncontaminated Non-Contact Cooling Water, storm-water, surface and ground-waters, subsurface drainage, roof run-off, spill contaminant area run-off, footing drains or construction drainage except as specifically permitted by the Pretreatment Coordinator;
 2. Any Pollutant which by reason of their nature or quantity, are or may be sufficient, either alone or by interaction, to cause safety hazards, fire or explosion or be injurious in any other way to the facilities or Personnel of the Village, or to the operation of Village POTW. Materials considered in this regard are those with a closed cup flashpoint of less than 140° F. or 60° C. using the test methods specified in 40 CFR 261.21;
 3. Any solid, solid waste or viscous substance which will cause obstruction to the Flow in a sewer or POTW, or other Interference to the operation of the POTW. Prohibited

materials include but are not limited to: waste cooking oil, grease, grease interceptor wastes, Garbage with particles greater than one-half (1/2-inch) in any direction, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains or hops, paper, wood, plastics, residues from gas, tar or asphalt, residues from refining or processing of fuel or lubricating oils, mud or glass grinding or polishing waste, fatty acids or esters of fatty acids, or any material which can be disposed of as trash;

4. Any Wastewater containing noxious or malodorous solids, liquids, or gases, which either singly or by their interaction are capable of creating a public nuisance or hazard to life, or to Interfere with, inhibit or cause Potential Problems of any operation of the POTW, including but not limited to, prevention of entry into sewers for their maintenance and repair;
5. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems or which necessitates the Village taking special measures to counteract and/or alleviate the impact of the Pollutant(s);
6. Any Wastewater containing substances in sufficient quantity to Interfere with the POTW;
7. Any toxic Pollutants in sufficient quantity, either singly or by interaction, to injure, Interfere with or cause Potential Problems of any POTW treatment processes or facilities, constitute a hazard to humans or animals, or to exceed limitation as set forth in the existing Act, or the Act as it may be amended;
8. Any Wastewater having a temperature which shall inhibit biological activity or cause Interference in the Village's POTW facilities, but in no case heat in such a quantity that the influent temperature at the POTW will exceed 40° C. (104° F.);
9. Any Wastewater having a pH less than 5.0 or higher than 10 or having any other corrosive property capable of causing damage or hazard to structures, equipment or Personnel in the POTW. The pH limits are Instantaneous Limits that shall be met at all times, and are not subject to averaging;
10. Any Pollutant, including oxygen demanding Pollutants, released in a Discharge at a Flow rate and/or Pollutant concentration (including any Slug load), either singly or by interaction with other Pollutants which may cause Interference with, inhibit, or cause Potential Problems at the POTW;
11. Ammonia nitrogen in amounts that would cause a violation of the Water Quality Standards of the receiving waters of the POTW;
12. Any wastes containing detergents, surface active agents, aqueous firefighting foam or other substances which may cause excessive foaming in the collection system or the treatment process that result in POTW Interferences and/or Pass Through and/or is shown to inhibit the nitrification process. Wastes prohibited in this section shall not be processed or stored in such a manner that they could be Discharged to the POTW;
13. Additives for the purpose of emulsifying or biologically/chemically treating FOG for grease remediation or as a supplement to Interceptor maintenance that have a content of enzymes, surfactants or solvents that is greater than ten percent (10%) of the volume without the written consent of the Pretreatment Coordinator;
14. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause Interference or Pass-Through;
15. Any Wastewater containing any organism, including viruses, considered pathogenic and/or detrimental to POTW organisms other than by direct excrement and any other wastes defined as Medical Wastes;

16. Any Wastewater containing any radioactive wastes or isotopes, except in accordance with Village, State and Federal rules governing such Discharges;
 17. Wastewater or wastes containing iron pickling wastes or concentrated plating solutions whether neutralized or not;
 18. Any leachate, groundwater remediation Wastewater or waste material, originating within the POTW service area, which does not meet discharge limitations as set forth in this Chapter or determined by this Chapter except at Discharge points designated by the Pretreatment Coordinator;
 19. All trucked or Hauled Wastes;
 20. Any Bio-solids, screenings or other residues from the Pretreatment of Non-Residential wastes;
 21. Any solid, solid waste or viscous substances that have caused an obstruction to the Flow in a sewer that is eliminated by a professional service or contractor;
 22. Inert suspended solids (such as, but not limited to Fullers earth, lime slurries and lime residues) or dissolved solids (such as, but not limited to sodium chloride and sodium sulfate) that cause Potential Problems or Interfere with POTW operations;
 23. Any substance with objectionable color which is not removed in the treatment processes, such as, but not limited to: dye waste, ink waste and vegetable tanning solutions;
 24. Any substances that inhibit the use of UV for disinfection purposes;
 25. Wastewater or wastes containing substances which are not amenable to treatment or reduction by the POTW treatment processes employed, or are amenable to treatment only to such degree that the POTW effluent cannot meet the requirements of agencies having jurisdiction over Discharge to the receiving waters;
 26. Any substance or combination of substances which shall cause the POTW to be in violation of its NPDES permit(s), or to cause the Village's POTW to violate receiving stream water quality and/or general effluent Discharge Standards;
 27. Any Wastewater causing the POTW effluent to fail a toxicity test; or
 28. Any substance which may cause the Village's POTW effluent or Bio-solids, to be unsuitable for reclamation and re-use, or Interfere with the reclamation processes. In no case shall a substance Discharged to the Village's POTW cause the Village to be in noncompliance with any Bio-solids use or disposal regulations developed under Section 405 of the Act; or any regulations affecting Bio-solids use or disposal developed pursuant to the Resource Conservation and Recovery Act, Solids Waste Disposal Act, Toxic Substance Control Act, or any State or local Standards applicable to any Bio-solids management methods either being used, or considered by the Village.
- D. Wastes prohibited in this section shall not be processed or stored in such manner that they could be Discharged or introduced to the POTW. All Users with prohibited wastes described in this Section or those that have Hazardous Wastes as defined in Section 13-10-9 shall develop and implement a Spill Prevention/Slug Control Containment and Countermeasures Plan consistent with the requirements in Section 13-7-4. The Pretreatment Coordinator may also determine Spill Prevention/Slug Control is required of liquids and solids not previously described on either list based on an evaluation of a site potential to cause spills or Slug Loads to be introduced to the POTW. Notice Requirements shall be permanently posted as provided in Sections 13-7-4 and 13-10-7. Spill planning applies to all Users not just classified SIU or regulated NSRU.
- E. Requirements of Polluted Discharges - Discharge Locations:
1. Discharge of Polluting Substances From Fixtures into Storm Sewers Prohibited. It shall be unlawful for any Person or User to connect or cause to be connected, any

drain carrying, or to carry, any toilet, sink, basement, septic tank, cesspool, Industrial Waste, or any fixture or device discharging polluting substances, to any Storm Sewer or storm water drainage system within the corporate limits of the Village.

2. Discharge of Sanitary and Industrial Waste into Storm Drainage Systems Prohibited, Nuisance Declared. For reasons of the protection of the health, safety and welfare of the inhabitants of the Village, it is the declared policy of the Village to prohibit sanitary and Industrial Waste from entering into the storm water drainage system, and any such connection to the storm water drainage system is determined to be injurious to the public health and welfare and is hereby declared a public nuisance.
3. Prohibited Discharges into Natural Outlets. It shall be unlawful to Discharge into any Natural Outlet within the Village or in any area under the jurisdiction of the Village, any sanitary Sewage, Industrial Wastes or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this chapter and the required permits have been obtained.

F. Requirements of Unpolluted Discharges

1. Discharge of Sump Pumps. A Sump Pump or Sump Pumps must Discharge into a Storm Sewer system; or with the prior written permission of the Director of Engineering Services may Discharge outside a building in an area first approved by the Director of Engineering Services. A shut-off valve or similar device which can divert the unpolluted Discharge from the Sump Pump into the Sanitary Sewer system, rather than into the storm system, or vice versa, shall not be constructed or installed, and any construction or installation of same shall be deemed a violation of this chapter. It shall be prima facie evidence of a violation of this chapter if any Person or User has on his premises or under his control a Sump Pump, or any other pump, fixture, or gravity drain connected to the Sanitary Sewer system which would allow the Flow of Unpolluted Water into the Sanitary Sewer system.
2. Discharge of Unpolluted Drainage into Storm Sewers or Natural Outlets. Storm water and all other unpolluted drainage shall be Discharged to such sewers as are specifically designated as Storm Sewers, or to a Natural Outlet approved by the Director of Engineering Services. Industrial Cooling Waters or unpolluted process waters may be Discharged, upon approval by the Director of Engineering Services and the IEPA if appropriate, to a Storm Sewer or Natural Outlet.
3. Discharge of Unpolluted Discharges Upon Adjacent Property or Public Streets or Ways Prohibited. It shall be unlawful for any Person or User to Discharge any storm water, surface water, round water, roof runoff, or subsurface drainage, including the use of a Sump Pump for such purpose in such manner as to cause waters to overflow onto adjacent property or to be Discharged upon any public street or public way.

13-6-3 National Categorical Pretreatment Standards

These Pretreatment requirements shall apply to all Non-Residential Users subject to National Categorical Pretreatment Standards, promulgated by the USEPA in accordance with Section 307(b) and (c) of the Act, currently Discharging or scheduled to Discharge to the Village. The National Categorical Pretreatment Standards, found in 40 CFR Chapter 1, Subchapter N, Parts 405 – 471 are hereby incorporated into this ordinance.

Limits in Categorical Pretreatment Standards shall apply to the Discharge from the process regulated by the Standard or as otherwise specified by the Standard. Compliance with National Categorical Pretreatment Standards is mandatory.

- A. Where a Categorical Pretreatment Standard is expressed only in terms of either the mass or the concentration of a Pollutant in Wastewater, the Pretreatment Coordinator may

impose equivalent concentration or mass limits in accordance with paragraphs B and F below and 40 CFR 403.6(c) unless specifically restricted by the Categorical Pretreatment Standard. These equivalent limitations calculated in accordance with the following requirements are deemed Pretreatment Standards. Users shall be required to comply with the equivalent limitations instead of the promulgated Categorical Standards from which the equivalent limitations were derived. An alternative Pretreatment limit shall not be used if the alternative limit is below the analytical detection limit for any of the regulated Pollutants.

- B. When the limits in a Categorical Pretreatment Standard are expressed only in terms of mass of Pollutant per unit production, the Village may convert the limits to equivalent limitations expressed either as mass of Pollutant Discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual Users see 40 CFR 403.6(c)(2)).
- C. The Village calculating equivalent mass-per-day limitations shall calculate such limitations by multiplying the limits in the Standard by the User's average rate of production. This average rate of production shall be based not upon the designed production capacity, but rather upon a reasonable measure of the User's actual long-term daily production during a representative year. For New Sources, actual production shall be estimated using projected production.
- D. The Village calculating equivalent concentration limitations shall calculate such limitations by dividing the mass limitations by the average daily Flow rate of the User's regulated process Wastewater. This average daily Flow rate must be based upon a reasonable measure of the User's actual long-term average Flow rate, such as the average daily Flow rate during the representative year.
- E. When Wastewater subject to a Categorical Pretreatment Standard is mixed with Wastewater not regulated by the same Standard, the Pretreatment Coordinator shall impose an alternate limit using the Combined Waste Stream Formula in 40 CFR 403.6(e) provided that the regulation allows the Wastewaters to be mixed and the User can supply the information necessary to allow issuance of an alternative limit.
- F. A User may request a variance from Categorical Pretreatment Standards from USEPA based on fundamentally different factors. The request must comply with the procedural and substantive provisions in 40 CFR 403.13.
- G. A User may request a net gross adjustment to a Categorical Pretreatment Standard in accordance with 40 CFR 403.15.
- H. When a Categorical Pretreatment Standard is expressed only in terms of Pollutant concentrations, a User may request that the Village convert the limits to equivalent mass limits (see 40 CFR 403.6(c)(4)). The determination to convert concentration limits to mass limits is within the discretion of the Pretreatment Coordinator. The Village may establish equivalent mass limits only if the User meets all the conditions set forth in Sections 1(a) through 1(e) below.
 - 1. To be eligible for equivalent mass limits, the User must:
 - a) Employ, or demonstrate that it will employ water conservation methods and technologies that substantially reduce water during the term of its individual Wastewater Discharge Permit;
 - b) Currently use control and treatment technologies adequate to achieve compliance with the applicable Categorical Pretreatment Standard, and not have used dilution as a substitute for treatment;
 - c) Provide sufficient information to establish the facility's actual average daily Flow rate for all wastestreams, based on data from a continuous effluent Flow monitoring device, as well as the facility's long-term average production rate.

- Both the actual average daily Flow rate and the long-term average production rate must be representative of current operating conditions;
- d) Not have daily Flow rates, production levels, or Pollutant levels that vary so significantly that equivalent mass limits are not appropriate to control the Discharge; and
 - e) Have consistently complied with all applicable Categorical Pretreatment Standards during the period prior to the User's request for equivalent mass limits.
2. A User subject to equivalent mass limits must:
 - a) Maintain and effectively operate control and treatment technologies adequate to achieve compliance with the equivalent mass limits;
 - b) Continue to record the facility's Flow rates through the use of a continuous effluent Flow monitoring device;
 - c) Continue to record the facility's production rates and notify the Pretreatment Coordinator whenever production rates are expected to vary by more than 20 percent from its baseline production rates determined in paragraph 1(c) of this Section. Upon notification of a revised production rate, the Pretreatment Coordinator will reassess the equivalent mass limit and revise the limit as necessary to reflect changed conditions at the facility; and
 - d) Continue to employ the same or comparable water conservation methods and technologies as those implemented pursuant to paragraph 1(a) of this Section so long as it Discharges under an equivalent mass limit.
 3. When developing equivalent mass limits, the Pretreatment Coordinator:
 - a) Will calculate the equivalent mass limit by multiplying the actual average daily Flow rate of the regulated process(es) of the User by the concentration-based Daily Maximum and Monthly Average Standard for the applicable Categorical Pretreatment Standard and the appropriate unit conversion factor;
 - b) Upon notification of a revised production rate, will reassess the equivalent mass limit and recalculate the limit as necessary to reflect changed conditions at the facility; and
 - c) May retain the same equivalent mass limit in subsequent individual Wastewater Discharge Permit terms if the User's actual average daily Flow rate was reduced solely as a result of the implementation of water conservation methods and technologies, and the actual average daily Flow rates used in the original calculation of the equivalent mass limit were not based on the use of dilution as a substitute for treatment pursuant to Section 13-6-2.B. The User must be in compliance with Section 13-17-2 regarding the prohibition of Bypass.
- G. The Pretreatment Coordinator may convert the mass limits of the Categorical Pretreatment Standards of 40 CFR Parts 414, 419 and 455 to concentration limits for purposes of calculating limitations applicable to individual Users. The conversion is at the discretion of the Pretreatment Coordinator.
- H. Once included in its Wastewater Discharge Permit, the User must comply with the equivalent limitations developed in this Section in lieu of the promulgated Categorical Pretreatment Standards from which the equivalent limitations were derived.
- I. Many Categorical Pretreatment Standards specify one limit for calculating Maximum Daily Discharge limitations and a second limit for calculating Maximum Monthly Average, or 4-day Average, limitations. Where such Standards are being applied, the same production or Flow figure shall be used in calculating both the average and the maximum equivalent limitations.
- J. Any User operating under a permit incorporating equivalent mass or concentration limits calculated from a production-based Standard shall notify the Pretreatment Coordinator with two (2) business days after the User has a reasonable basis to know that the

production level will significantly change within the next calendar month. Any User not notifying the Pretreatment Coordinator of such anticipated change will be required to meet the mass or concentration limits in its permit that were based on the original estimate of the long term average production rate.

- K. All Users that are subject to National Categorical Pretreatment Standards are required to file reports as required in this Ordinance, signed by an Authorized Representative per Sections 13-10-2 and 13-10-3. These reports shall include all information that the Village deems necessary to make compliance determinations.

13-6-4 State Limits

- A. All Users are subject to State Standards and requirements as defined in 35 Ill Adm. Code (IAC) 307. Specifically, the Standard for Discharge of mercury is as follows:
 - 1. Mercury (35 IAC 307.1102)

- a) Except as provided below, no Person shall cause or allow the concentration of mercury in any Discharge to a publicly owned or publicly regulated sewer system to exceed the following level, subject to the averaging rule contained in 35 IAC 304.104(a):

CONSTITUENT	STORET NUMBER	CONCENTRATION
Mercury	71900	mg/l 0.0005

- b) It shall be an exception to subsection a) if the Discharge is to a publicly owned or publicly regulated sewer system which is required to meet a limitation less stringent than the 0.0005 mg/l mercury concentration in which case the Discharge limitation shall be the same as that applicable to the publicly owned or regulated sewer system to which it Discharges.
- c) It shall be an exception to subsection a) if all the following conditions are met:
 - 1) The Discharger does not use mercury; or, the Discharger uses mercury and this use cannot be eliminated; or, the Discharger uses mercury only in chemical analysis or in laboratory or other equipment and takes reasonable care to avoid contamination of Wastewater; and,
 - 2) The Discharge mercury concentration is less than 0.003 mg/l, as determined by application of the averaging rules of 35 IAC 304.104(a); and,
 - 3) The Discharger is providing the best degree of treatment consistent with technological feasibility, economic reasonableness and sound engineering judgment. This may include no treatment for mercury; and,
 - 4) The Discharger has an inspection and maintenance program likely to reduce or to prevent an increase in the level of mercury Discharges.
- d) The Discharge of wastes from medicinal or therapeutic use of mercury, exclusive of laboratory use, shall be exempt from the limitations of subsection a) if all the following conditions are met:
 - 1) The total Discharge is less than 227 g (one half pound) as mercury (Hg) in any year;
 - 2) This Discharge is to a Public Sewer system; and
 - 3) The Discharge does not, alone or in conjunction with other sources, causes the effluent from the sewer system or treatment plant to exceed 0.0005 mg/l of mercury.

- e) No Person shall cause or allow any Discharge of mercury to a publicly owned or publicly regulated sewer system which, alone or in combination with other sources, causes a violation by the sewer treatment plant Discharge of the Water Quality Standard of 35 IAC 302 for mercury applicable in the receiving stream.
- f) For purposes of permit issuance, the IEPA may consider application of the exception of subsection (b) or (c) to determine compliance with this Section. The IEPA may impose permit conditions necessary or required to assure continued application of the exception. When subsection (b) or (c) applies, the IEPA may impose an effluent limitation in the permit which allows the Discharge of a concentration of mercury greater than 0.0005 mg/l but not more than 0.003 mg/l.

13-6-5 Local Limits

The following Pollutant limits are established to protect against Pass Through and Interference.

A. Non-Toxic Pollutants

POLLUTANT (Total unless otherwise listed)	CONCENTRATION Instantaneous Daily Maximum (mg/l)
Oil and Grease - at non-food service establishment (FSE) or food manufacturing sites	200
Oil and Grease - at FSE	200

The Village reserves the right to apply the FSE Local Limit as appropriate above at an end-of-pipe Discharge location that connects to the Public Sewer system in the event that a unique sampling location in the end compartment of a Grease Interceptor (GI) is not available or there is no external GI.

The Village also reserves the right to apply the FSE Local Limit to the Wastewater in the next Sanitary Sewer manhole downstream of the facility in the event that there is neither a GI sampling location nor a Sampling Manhole at the site.

B. Toxic Pollutants

No User shall Discharge any Wastewater containing concentrations greater than the Daily Maximum Local Limits as set forth below into any sewers that connect either directly or indirectly to the POTW.

<u>POLLUTANT (total unless otherwise listed)</u> <u>(mg/l)</u>	<u>CONCENTRATION</u>	
	Daily Maximum	Instantaneous
Maximum		
Arsenic	1.0	
Cadmium	0.4	

Chromium	5.0	
Chromium (hexavalent)		1.2
Copper	1.1	
Cyanide		0.3
Lead	0.7	
Mercury (see Section 13-6-4)	0.0005	
Nickel	0.9	
Silver	0.5	
Zinc	1.4	

- C. The Village will apply the Local Limits found in Sections 13-6-5.A and B above normally at the end-of-pipe point where the Non-Residential waste is Discharged to the municipal sewer system.
- D. The Village reserves the right to establish requirements, by ordinance or in a Wastewater Discharge Permit or general permit, the quantities and rates of Discharge from any User.
- E. The Village reserves the right to establish, by ordinance or in a Wastewater Discharge Permit, mass limitations rather than concentration limitations on Discharges particularly if Users are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.
- F. The Village reserves the right to set specific limits for those Pollutants not identified in Sections 13-6-5.A or B. on a case by case basis for impacts caused to the POTW including but not limited to Interference, Potential Problems, Pass Through and prevention of beneficial Bio-solids re-use. Those limits shall be set forth in a Wastewater Discharge Permit per Article 9.
 - 1. Local limits for additional Pollutants not identified in Sections 13-6-5.A or B will be noticed to the permit holder a minimum of 30 days prior to the effective date of the Wastewater Discharge Permit. In the event that the Village receives written comment on said limit during the comment period, the limit will take effect within 60 days of the public notice date to allow review and comment by the Village.
- G. The Village may develop Best Management Practices (BMPs), by ordinance or in individual Wastewater Discharge Permits or general permits, to implement Local Limits and the requirements of Section 13-6-2.
- H. Any User whose Discharge may be pretreated and/or treated more effectively by the Village and Discharges to the Village's POTW that cause the Village to alter its method of Wastewater treatment or Bio-solids disposal to a more costly method shall be assessed the differential cost between the more costly method of treatment and the less costly method of treatment. Such costs shall only be assessed upon approval of the Village Board.

13-6-6 Right of Revision

- A. The Village reserves the right to establish, by ordinance or in Wastewater Discharge Permits or general permits, more stringent limitations or requirements on Discharges to the POTW consistent with the purpose of this chapter. The specific limitations on Discharge listed in Section 13-6-5 are derived from the Maximum Allowable Industrial Loading (MAIL) calculation. The MAILs are allocated only to those IUs, at the Village's

discretion, that contribute the regulated Pollutant and all remaining IUs are held to either the background concentration or slightly higher than background but lower than the specific Discharge limit. In no case shall the total of all allocations exceed the MAIL.

- B. The Village will maintain a reserve of the maximum allowable headworks Pollutant loading for each Pollutant for new industries or increase with existing industries. The Village will recalculate the maximum concentrations from time to time using site specific data taking into consideration revisions to State and Federal regulations that may impact the calculations.

13-6-7 Monitoring Facilities

- A. Sampling Manhole Applicability.
1. All Non-Residential Users are required to install a sampling manhole for each separate Discharge in the Building Sewer in accordance with the plans and specifications approved by the Village and Section 13-2-35.D.
 - a. When required by the Village, a SIU or NSRU, that does not have a unique sampling chamber at end-of-pipe, shall install a monitoring manhole or sampling chamber for use as the regulation location of Local Limits in the Building Sewer in accordance with plans and specifications approved by the Village.
 - b. When required by the Village, a Categorical Industrial User shall install a monitoring manhole or sampling chamber for use as the regulation location of the categorically regulated Discharge in the Building Sewer in accordance with plans and specifications approved by the Village. This sampling chamber may be required to be installed within the building and may be in addition to an end-of-pipe manhole.
 2. The Village reserves the right to apply said Local Limits in Section 13-6-5.A and B at an end-of process Discharge location that connects to the POTW sewer system in the event that:
 - a. A unique sampling manhole at end-of-pipe is not available;
 - b. A more representative sample can be taken of a process batch Discharge even though an end-of-pipe manhole exists;
 - c. A more representative sample can be taken at the end-of-process location than the end-of-pipe location as a result of impacts from dilute wastestreams;
 - d. An end-of process location is used because the IU is unable to provide adequate flow documentation to use a combined wastestream formula.
 2. In the event that a suitable Sampling Manhole does not exist as per Section 13-6-7 and no end-of-process discharge sampling location exists, the "sampling facility" shall be considered to be the nearest downstream manhole in the Public Sewer to the point at which the Building Sewer is connected.
- B. Wastewater Monitoring and/or Flow Measurement Facility Operation and Maintenance
1. Such facilities will be installed and maintained at all times at the User's expense. The failure of a User to keep its monitoring facility in good working order shall not be grounds for the User to claim that the sample results are unrepresentative of its Discharge. Installation will be consistent with the requirements of Section 13-2-35.D.
 2. The manhole or chamber located on a Building Sewer Discharge located in dedicated Easements shall be easily accessible to representatives of the Village twenty-four (24) hours per day, seven (7) days per week.
 3. The manhole or chamber at a Discharge location within the building shall be accessible to representatives of the Village during normal User operating hours.

4. Metered water supply may be used to determine Wastewater Flow if it is substantiated to the Village that the metered water supply and Wastewater quantities are approximately the same, or where an adjustment agreed to by the Village is made in the metered water supply to determine Wastewater Flow which is documented through the use of sub-meters and/or production records. In the event that the Wastewater Flow cannot be substantiated at any regulated location, the User will be required to install Flow monitoring consistent with Section 13-2-35.D.
5. The sampling chamber, Flow metering device, sampling equipment and documentation of the frequency of sampling, sampling methods and analysis of samples shall be subject, at any reasonable time, to inspection by the Village.

13-6-8 Monitoring Requirements

- A. **Applicability.** At minimum, all Significant Industrial Users (SIU) including Categorical Industrial Users (CIU) as well as Non-Significant Regulated Users (NSRU) are required to sample based on the Village Monitoring Frequency as stated in the Wastewater Discharge Permit. Other Users are required to sample upon the request of the Village. The Users shall pay the costs of sampling of its Discharge and the costs of analyses of its samples, whether or not the sampling and analyses are done by the User or by the POTW.
- B. **Frequency.**
 1. All Significant Industrial Users (SIU) including Categorical Industrial Users (CIU) with Wastewater Discharge Permits must sample their effluent consistent with the permit requirements and report the results to the POTW at least twice yearly. The Village may specify more frequent reporting, quarterly or monthly, dependent of the frequency for those parameters specified in the User's Permit and the Village Monitoring Frequency defined in the Village Enforcement Response Plan. The SIU may have the Village conduct routine monitoring using an independent laboratory. Sampling visits of this type will normally be unannounced.
 2. Any Non-Significant Regulated Users (NSRU) with an individual or general Wastewater Discharge Permit shall sample their effluent and report the results to the POTW consistent with the requirements of the Wastewater Discharge Permit and the Village Monitoring Frequency.
 3. The Village shall have the right to perform its own sampling at any time at any location. Village data will be used for all surcharge evaluations.
 4. The Village may initiate sampling and analyses at a greater frequency as a result of a violation of any Discharge Permit limit, including cases where Hot Spot maintenance issues or blockage to the Sanitary Sewer System has occurred.
 5. The Pretreatment Coordinator will define sampling and analyses for any batch discharges as appropriate.
 6. Cost of Village sampling and analyses for any monitoring will be invoiced to the applicable User.
- C. **Sample Collection**
 1. Samples collected to satisfy reporting requirements must be based on data obtained through appropriate sampling and analysis performed during the period covered by the report, based on data that is representative of conditions occurring during the entire sampling and reporting period as defined in the Wastewater Discharge Permit.
 2. Except as indicated in Subsections C.3 and C.5 below, the User must collect Wastewater samples using Flow proportional composite collection techniques.
 3. In the event Flow proportional sampling is infeasible, the Pretreatment Coordinator may authorize the use of time proportional sampling at minimum collecting samples every 15 minutes during a 24-hour workday; or a minimum of four (4) Grab Samples

where the User demonstrates that this will provide a representative sample of the effluent being Discharged. A proportional number of samples shall be collected for Wastewater Discharges less than 24 hours.

4. Single Grab Samples may be required in the event of an infrequent batch Discharge or to show compliance with instantaneous Discharge limits.
5. Samples for Fats, Oil and Grease, temperature, pH, cyanide, hexavalent chromium, phenols, sulfides, and volatile organic compounds must be obtained using the number of Grab Samples necessary to assess and assure compliance with applicable Pretreatment Standards and Requirements. Multiple Grab Samples that are individually preserved as specified in 40 CFR 136 and appropriate USEPA guidance that are collected during a 24-hour period may be composited prior to the analysis, as follows:
 - a) For, cyanide, hexavalent chromium, phenols, and sulfides: multiple Grab Samples may be composited in the laboratory or in the field;
 - b) For volatile organics and oil and grease: multiple Grab Samples may only be composited in the laboratory.
6. Composite Samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the Village, as appropriate.

13-6-9 Analytical Requirements

All Pollutant analyses, including sampling techniques, to be submitted as part of a Wastewater Discharge Permit application or report shall be performed in accordance with the techniques prescribed in 40 CFR Part 136, unless otherwise specified in an applicable Categorical Pretreatment Standard. If 40 CFR Part 136 does not contain sampling or analytical techniques for the Pollutant in question, or where the USEPA determines that the Part 136 sampling and analytical techniques are inappropriate for the Pollutant in question, sampling and analyses shall be performed using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the Pretreatment Coordinator or other parties approved by USEPA.

13-6-10 Protection of Village Sampling and Flow Metering Equipment From Damage

- A. No unauthorized Person shall maliciously, willfully, or negligently break, damage, destroy, or tamper with any structure, appurtenance, or equipment which is owned or contracted by the Village. Any Person violating this provision shall be subject to immediate arrest under charge of disorderly conduct and shall be responsible for reimbursing the Village for any damages and expenses incurred as a result thereof.
- B. The Director of Engineering Services and the Director of Public Works and other duly authorized employees of the Village, USEPA and/or IEPA shall be permitted to enter all Village easements for the purpose of, but not limited to, inspection, observation, measurement, sampling, repair and maintenance of any portion of the sanitary sewer system lying within such easement.

SECTION 5: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 7, "General Wastewater Discharge Compliance" which shall read as follows:

ARTICLE 7: GENERAL WASTEWATER DISCHARGE COMPLIANCE

13-7-1 Applicability

Each User that Discharges non-residential Source waste shall provide Wastewater treatment and Best Management Practices as necessary to comply with this ordinance and shall achieve compliance with all Categorical Pretreatment Standards, Local Limits, and the prohibitions set out in Article 6 of this chapter within the time limitations specified by USEPA, the State, or the Pretreatment Coordinator, whichever is more stringent.

13-7-2 Pretreatment Facilities

A. Any Pretreatment facilities necessary for compliance shall be provided, operated, and maintained at the User's expense. Detailed plans describing such facilities and operating procedures shall be submitted to the Pretreatment Coordinator for review, and must be approved by the Pretreatment Coordinator before such facilities are constructed. The review of such plans and operating procedures shall in no way relieve the User from the responsibility of modifying such facilities as necessary to produce a Discharge acceptable to the Village under the provisions of this chapter.

B. All Users are required to comply with IEPA permitting requirements. Users shall obtain all necessary construction-operating permits from the IEPA prior to the Village connection and/or Discharge permit(s) being issued. IEPA will make the determination of actual permitting requirements based on changes in the Wastewater volume or characteristics generated at the User site. The Village will track and parallel this IEPA permitting process. No sources of non-residential Wastewater will be allowed to Discharge to Village POTW until all permitting requirements have been satisfied. Such Pretreatment facilities shall be under the control and direction of an IEPA-certified Wastewater operator.

C. Any subsequent changes in the Pretreatment facilities or method of operation shall be reported and must be approved by the Village and IEPA prior to the User's initiation of the changes. Users shall obtain all additional construction-operating permits from IEPA and the Village for the changes prior to Discharge.

13-7-3 Additional Pretreatment Measures

At minimum, the Village may require the additional Pretreatment measures defined below. The Village reserves the right to make unannounced inspections of any additional Pretreatment measures during normal business hours whether the User has been issued an individual or general Wastewater Discharge permit or not.

- A. Whenever deemed necessary, the Pretreatment Coordinator may require Users to restrict their Discharge during peak Flow periods, designate that certain Wastewater be Discharged only into specific sewers, relocate and/or consolidate points of Discharge, separate Sewage waste streams from Industrial Waste streams, and such other conditions as may be necessary to protect the POTW and determine the User's compliance with the requirements of this chapter.
- B. The Pretreatment Coordinator may require any Person or User Discharging into the POTW to install and maintain, on their property and at their expense, a suitable storage and Flow-control facility to ensure equalization of Flow. The Village may issue an individual or general Wastewater Discharge Permit solely for Flow equalization.
- C. Users with the potential to Discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

13-7-4 Spill Prevention Containment and Countermeasures / Slug Control Plan

- A. All permitted Non-Residential Users are required to develop, implement and maintain Best Management Practices in the form of a Spill Prevention Containment and Countermeasures / Slug Control Plan hereafter referred to as Spill Plan. The Village may require other Non-Residential Users to develop a Spill Plan, should that User have:
1. Chemicals (raw materials, chemical intermediates, wastes to be recycled, final products, or utility chemicals) that total or exceed 250 gallons at or on its site;
 2. Prohibited Discharge Materials as defined in Section 13-6-2 at or on its site; or
 3. Hazardous Waste as defined in Section 13-10-9 at or on its site; or
 4. Been defined by the Pretreatment Coordinator to have a need to control Slug Discharges.

All Non-Residential Users that meet the above criteria are required to develop and implement a Spill Plan regardless whether that User is regulated by a Wastewater Discharge Permit or not.

- B. The Spill Plan which is required to be submitted to the Village if the User's Discharge is regulated shall address, at a minimum, the following:
1. Specifics of Spill Plan:
 - a) Description of Discharge practices, including non-routine batch Discharges;
 - b) Description of stored chemicals, including quantity of chemicals and type and number of storage containers;
 - c) Site diagram showing location of all tanks holding greater than or equal to 250 gallons or areas containing 8 drums or more of raw materials, prohibited wastes, wastes to be recycled, hazardous wastes or final product. Identification and location of all liquid materials is mandatory;
 - d) Procedures to prevent adverse impact from any accidental or Slug Discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic Pollutants, including solvents, and/or measures and equipment for emergency response. Building containment structures or production equipment changes are considered procedures to prevent adverse spills. If containment structures are connected to the Sanitary Sewer, a valve normally left in a closed position is required;
 - e) Location of Notice/Signs posted in conspicuous places advising employees in English and the language of common use whom to call in the event of a spill, accidental Discharge of prohibited materials, Slug Discharge or a Bypass of any part of a Pretreatment system; and
 - f) Emergency telephone number (24-hour) off-site and backup telephone number. If the Spill Plan has been submitted, any change in the telephone numbers should be submitted within five working days when revised.
 2. Notification Procedure. The Spill Prevention Containment and Countermeasures / Slug Control Plan shall contain procedures for immediately notifying the Pretreatment Coordinator of any accidental or Slug Discharge, as required by Section 13-10-7;
 3. Documentation. The Spill Prevention Containment and Countermeasures / Slug Control Plan shall contain a sample of the documentation maintained at the site that:
 - a) Ensures that all employees who are in a position to cause, discover, or observe such Discharge are advised of the emergency notification procedures; and
 - b) Such logs to verify inspection and maintenance procedures to prevent adverse impacts and confirm that said procedures are being performed on a regular basis.

At minimum, logs are required to verify valves in containment structures, if present, are closed.

- C. Review of such plans and operating procedures by the Village shall not relieve the User from the responsibility to modify the User's facility or Spill Plan as necessary to meet all requirements of this chapter. Review by the Village does not constitute an approval of a spill plan and the Village and its designee(s) are not to be construed as responsible for the actions of the User and any impacts the User may cause as a result of a spill or Slug Load.
- D. At least once every two (2) years the Pretreatment Coordinator shall evaluate whether each Significant Industrial User needs a revision to its Spill Plan. The Pretreatment Coordinator may require any User to submit at a frequency less than two (2) years such Spill Plan or require modification of an existing Spill Plan based on changes that have occurred at the site or in response to an incident that had the potential to impact the POTW.
In alternate years, the Pretreatment Coordinator shall evaluate whether each Non-Significant Regulated User is required to file a revision to its Spill Plan based on changes that have occurred at the site or in response to an incident that had the potential to impact the POTW.

13-7-5 Closure Plan

- A. Any Non-Residential User meeting the requirements of Section 13-7-4.A including but not limited to those with Wastewater Discharge permits that determines it will cease operations permanently, or if some of the processes that classify the User as significant are closed, the User shall file a written closure plan with the Pretreatment Coordinator. The closure plan shall be submitted for approval 10 working days prior to the initiation of the plan. The closure plan must be accepted by the Village prior to starting the closure process. The closure plan shall contain, at a minimum, the following:
 - 1. A description of each Wastewater generating process that will be closed;
 - 2. A description of how the facility will be closed and the extent of operations during the closure period;
 - 3. An inventory and estimate of the volume of all process Wastewater, chemicals, and hazardous waste on site. A description of the methods for disposal, including procedures for removing, transporting, treating, storing, or disposing of all waste and identifying all off-site waste management facilities to be used;
 - 4. A schedule of the closure activities indicating the time required to complete each closure step; and
 - 5. Additional monitoring scheduled that will identify compliance with Pretreatment Standards during the closure operations.

SECTION 6: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 8, "Wastewater Discharge Permit Requirements and Application" which shall read as follows:

ARTICLE 8: WASTEWATER DISCHARGE PERMIT REQUIREMENTS AND APPLICATION

13-8-1 Wastewater Information and Analysis

When requested by the Pretreatment Coordinator, a User must submit information on the nature and characteristics of its Wastewater within thirty (30) calendar days of the request. The Pretreatment Coordinator is authorized to prepare a form for this purpose and may periodically require Users to update this information. The Pretreatment Coordinator may also prepare specialized forms for various business

types and functions. Information that may be required will be consistent with that identified in Article 4 and Section 13-8-5.

13-8-2 Wastewater Discharge Permit Authority and Requirements

- A. Individual Wastewater Discharge Permit issued to Significant Industrial Users (SIUs) which includes Categorical Industrial Users (CIUs). No SIU, including any CIU, shall Discharge Wastewater to the POTW without first obtaining an individual Wastewater Discharge Permit from the Pretreatment Coordinator except that a SIU, including any CIU, that has filed a timely application pursuant to this ordinance may continue to Discharge for the time period specified therein.
- B. General Wastewater Discharge Permit issued to SIU and CIU. At the discretion of the Pretreatment Coordinator, the Village may use general Wastewater Discharge Permits to control SIU or CIU Discharges to the POTW if the following conditions are met:
1. Involve the same or substantially similar types of operations;
 2. Discharge the same types of waste;
 3. Require the same effluent limitations or Best Management Practices;
 4. Require the same or similar monitoring and/or reporting requirements; and
 5. In the opinion of the Pretreatment Coordinator, are more appropriately controlled under a general permit than under individual Wastewater Discharge Permits.
- C. Other Wastewater Discharge Permits. The Pretreatment Coordinator may require other Non-Residential Users to obtain either individual or general Wastewater Discharge Permits as necessary to carry out the purposes of this chapter. The Wastewater Discharge Permit will define that holders of permits issued under this section shall not be classified as Significant Industrial Users. Non-Residential Users with Wastewater Discharge Permits in this class may include but are not limited to:
1. Any User that has been determined to be a Non-Significant Categorical Industrial User as defined in Section 13-5-6;
 2. Any User that has been determined not to be a Significant Industrial User as defined in Section 13-5-6 that the Pretreatment Coordinator requires to be regulated by Wastewater Discharge Permit;
 3. Any User subject to National Categorical Pretreatment Standards that opts not to Discharge Pollutants shall obtain a Zero Process Wastewater Discharge Permit;
 4. Any User that is a non-Categorical Zero Process Wastewater Discharger that the Pretreatment Coordinator determines shall be permitted;
 5. Non-Significant Regulated Users (NSRU) as defined below:
 - a) NSRU that Discharge a process Wastewater Flow greater than or equal to one half (0.5) percent of the POTW's design dry-weather hydraulic capacity, or five thousand (5,000) gallons per day, whichever is smaller;
 - b) NSRU that Discharge more than or equal to one half (0.5) percent of the design dry-weather organic treatment capacity of the POTW;
 - c) NSRU that Discharge one half (0.5) percent of the maximum allowable headworks loading for any Pollutant regulated by a Local Limit developed in accordance with Section 13-6-2; or
 - d) NSRU that intermittently Discharge any individual batch or batches that would meet the criteria in 1, 2, or 3 above when Discharged or otherwise has the potential to Discharge a Slug Load to the POTW;
 6. Non-Residential Users that have devices installed to remove oils, grease and sand;
 7. Non-Residential Users required to eliminate or control specified Pollutants from their wastestream through the development and implementation of a Best Management Practice (BMP) Plan.

- D. Any violation of the terms and conditions of an individual or general Wastewater Discharge Permit shall be deemed a violation of this chapter and subject the Wastewater Discharge permittee to the sanctions set out in Articles 14 through 16 of this chapter. Obtaining an individual or general Wastewater Discharge Permit does not relieve a permittee of its obligation to comply with all Federal and State Pretreatment Standards or Requirements or with any other requirements of Federal, State, and local law.

13-8-3 Individual and General Wastewater Discharge Permitting: Existing Connections

- A. Any SIU or CIU required to obtain an individual or general Wastewater Discharge Permit who was Discharging Wastewater into the POTW prior to the effective date of this chapter and who wishes to continue such Discharges in the future, shall, within ninety (90) calendar days after said date, apply to the Pretreatment Coordinator for the appropriate Wastewater Discharge Permit in accordance with Section 13-8-5, and shall not cause or allow Discharges to the POTW to continue after 180 calendar days of the effective date of this chapter except in accordance with a Wastewater Discharge Permit issued by the Pretreatment Coordinator.
- B. Any non-SIU or non-CIU that is required to obtain individual or general Wastewater Discharge Permits shall file an application within the number of working days required in a notification sent by the Pretreatment Coordinator.

13-8-4 Individual and General Wastewater Discharge Permitting: New Connections

- A. Any CIU who proposes to begin or recommence Discharging into the POTW must obtain such permit prior to the beginning or recommencing of such Discharge. An application for this individual or general Wastewater Discharge Permit, in accordance with Section 13-8-5, must be filed at least ninety (90) calendar days prior to the date upon which any Discharge will begin or recommence pending review by the Pretreatment Coordinator.
- B. Any non-CIU who proposes to begin or recommence Discharging into the POTW that is required to obtain an individual or general Wastewater Discharge permit must obtain such permit prior to the beginning or recommencing of such Discharge or operations in the case of a zero process Discharger, in accordance with Section 13-8-5. An application for this individual or general Wastewater Discharge Permit must be filed at least thirty (30) calendar days prior to the date upon which any Discharge or operations will begin or recommence pending review by the Pretreatment Coordinator.

13-8-5 Individual and General Wastewater Discharge Permit Application Contents

- A. Individual Application Requirement. All Users required to obtain an Individual Wastewater Discharge Permit or Zero Process Wastewater Discharge Permit must submit a permit application to the Pretreatment Coordinator. Incomplete or inaccurate applications will not be processed and will be returned to the User for revision.
- B. Individual Application Contents. The Pretreatment Coordinator may require all Users to submit as part of an application all or some of the following information:
 1. All information required by Sections 13-4-1, 13-4-3 and 13-4-4 of this chapter;
 2. Identifying Information for the site including name of the operator and owner and Authorized Representative.
 3. Description of Operations.
 - a) A brief description of the nature of the activities, services, production, and plant processes on the premises. Include each product produced by type, amount, process or processes, and a general rate of production.

- b) Number and type of employees, hours of operation, and proposed or actual hours of operation;
 - c) Type and amount of raw materials processed (average and maximum per day) including a list of all raw materials and chemicals used or stored at the facility which are, or could accidentally or intentionally be, Discharged to the POTW;
 - 4. Time and duration of Discharges with an estimate of the average daily and maximum Flow;
 - 5. Waste Characteristics. Information showing the nature and concentration of the Discharge in relation to applicable Pretreatment Standards and Local Limits;
 - 6. Requests for a monitoring waiver for a Pollutant regulated as a Categorical Pretreatment neither present nor expected to be present in the Discharge based on 40 CFR 403.12(e)(2). Representative sampling and analysis will be required to substantiate the request;
 - 7. Plans and Diagrams
 - a) Site plans / floor plans that show the footprint of the building with an outline of major equipment similar to an emergency exit plan;
 - b) Site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, floor drains, and appurtenances by size, location and elevation, and all points of Discharge;
 - c) A diagram showing the location for monitoring the Discharge of all wastes covered by the permit; and
 - 8. Any other information as may be deemed necessary by the Pretreatment Coordinator to evaluate the Wastewater Discharge Permit application.
- C. General Application Requirement. The Pretreatment Coordinator may require all Users that are required to obtain a general Wastewater Discharge Permit to submit an application on a form provided by the Village which is specific to the category regulated by the general Wastewater Discharge Permit. The form may require but is not limited to contact information, production processes, the types of wastes generated, and the location for monitoring all wastes if regulated by the general permit. Where the Standard will require compliance with a BMP or pollution prevention alternative, the User shall submit documentation as required by the Pretreatment Coordinator.
- D. Categorical Monitoring Waivers
 - 1. Authority. Pursuant to 40 CFR Part 403.12(e)(2)(v) and (vi), the Village may authorize an Industrial User subject to a Categorical Pretreatment Standard to forego sampling of a Pollutant regulated by a Categorical Pretreatment Standard if the User has demonstrated through sampling and other technical factors that the Pollutant is neither present nor expected to be present in the Discharge, or is present only at background levels from intake water and without any increase in the Pollutant due to activities of the User. This waiver is not available to Users whose concentration Standards are derived from mass Standards or production based Standards. This authorization is subject to the following conditions:
 - a) The waiver may be authorized where a Pollutant is determined to be present solely due to Sanitary Wastewater Discharged from the facility provided that the Sanitary Wastewater is not regulated by an applicable Categorical Pretreatment Standard and otherwise includes no process Wastewater.
 - b) The monitoring waiver is valid only for the duration of the effective period of the individual Wastewater Discharge Permit, but in no case longer than 5 years. The User must submit a new request for the waiver before the waiver can be granted for each subsequent individual Wastewater Discharge Permit.

- c) This provision does not supersede certification processes and requirements established in Categorical Pretreatment Standards, except as otherwise specified in the Categorical Pretreatment Standard.
2. Application Requirements
 - a) In making a demonstration that a Pollutant is not present, the User must provide data from at least one sampling of the facility's process Wastewater prior to any treatment present at the facility that is representative of all Wastewater from all processes.
 - b) The request for a monitoring waiver must be signed in accordance with Section 13-8-6, and include the certification statement in Section 13-8-6.
 - c) Non-detectable sample results may be used only as a demonstration that a Pollutant is not present if the EPA approved method from 40 CFR Part 136 with the lowest minimum detection level for that Pollutant was used in the analysis.
3. Documentation and Record Retention for CIU Monitoring Waivers

Any grant of the monitoring waiver by the Pretreatment Coordinator must be included as a condition in the User's permit. The reasons supporting the waiver and any information submitted by the User in its request for the waiver must be maintained by the Pretreatment Coordinator for 3 years after expiration of the waiver. Incomplete or inaccurate applications will not be processed and will be returned to the User for revision.

13-8-6 Individual and General Application Signatories and Certification

- A. All Wastewater Discharge Permit applications, User reports and certification statements must be signed by an Authorized Representative of the User and contain the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified Personnel properly gather and evaluate the information submitted. Based on my inquiry of the Person or Persons who manage the system, or those Persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations".

- C. If the designation of an Authorized Representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility or overall responsibility for environmental matters for the company, a new written authorization satisfying the requirements of this Section must be submitted to the Pretreatment Coordinator together with any reports to be signed by an Authorized Representative.

13-8-7 Individual and General Wastewater Discharge Permit Decisions

The Pretreatment Coordinator will evaluate the data furnished by the User and may require additional information. Within thirty (30) calendar days of receipt of a complete Wastewater Discharge Permit application, the Pretreatment Coordinator will determine whether or not to issue a Wastewater Discharge Permit. The Pretreatment Coordinator may deny any application for a Wastewater Discharge

Permit. If the Pretreatment Coordinator fails to act within ninety (90) calendar days, a request for permit application shall be deemed to be denied.

SECTION 7: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 9, "Wastewater Discharge Permit Issuance Process" which shall read as follows:

ARTICLE 9: WASTEWATER DISCHARGE PERMIT ISSUANCE PROCESS

13-9-1 Individual and General Wastewater Discharge Permit Duration

- A. An individual Wastewater Discharge Permit shall be issued for a specified time period, not to exceed five (5) years from the effective date of the permit. An individual Wastewater Discharge Permit may be issued for a period less than five (5) years, at the discretion of the Pretreatment Coordinator. Each individual Wastewater Discharge Permit will indicate a specific date upon which it will expire.
- B. A general Wastewater Discharge Permit shall be issued for a specific time period not to exceed five (5) years from the effective date of the permit. The Village will identify in the individual or general Wastewater Discharge Permit whether or not the permittee is defined as a Significant Industrial User.
- C. The Pretreatment Coordinator may extend a permit issued under Section 13-9-1 A or B above with a duration of less than five (5) years to a maximum duration of five (5) years upon written notification.

13-9-2 Wastewater Discharge Permit Contents

A Wastewater Discharge Permit shall include such conditions as are deemed reasonably necessary by the Pretreatment Coordinator to prevent Pass Through or Interference, protect the quality of the water body receiving the Treatment Work's effluent, protect worker health and safety, facilitate Bio-solids management and disposal, and protect against damage to the POTW.

- A. Individual and General Wastewater Discharge Permits must contain:
 - 1. A statement that indicates Wastewater Discharge Permit issuance date, expiration date and effective date;
 - 2. A statement that the Wastewater Discharge Permit is nontransferable without prior notification to the Village in accordance with Section 13-9-5, and provisions for furnishing the new owner or operator with a copy of the existing Wastewater Discharge Permit;
 - 3. Effluent limits, including Best Management Practices, based on applicable Pretreatment Standards;
 - 4. Requirements to control Slug Discharge, in addition to Spill Control, if determined by the Pretreatment Coordinator to be necessary;
 - 5. Self-monitoring, sampling, reporting, notification, and record-keeping requirements. These requirements shall include an identification of Pollutants or BMPs to be monitored, sampling location, sampling frequency, and sample type based on Federal, State, and local law; and
 - 6. A statement of applicable civil and criminal penalties for violation of Pretreatment Standards and Requirements, and any applicable compliance schedule. Such schedule may not extend the time for compliance beyond that required by applicable Federal, State, or local law.

- B. An individual Wastewater Discharge Permit may contain the process for seeking a waiver from monitoring for a Pollutant neither present nor expected to be present in the Discharge in accordance with Section 13-8-5.D. Any grant of the monitoring waiver by the Pretreatment Coordinator shall be included as a condition of the User's permit.
- C. Individual and General Wastewater Discharge Permits may contain, but need not be limited to, the following conditions:
1. Limits on the average and/or maximum rate of Discharge, time of Discharge, and/or requirements for Flow regulation and equalization;
 2. Requirements for the installation of Pretreatment technology, pollution control, or construction of appropriate containment devices, designed to equalize, reduce, eliminate, or prevent the introduction of Pollutants into the Treatment Works;
 3. Requirements that allow the use of Bypass of the Pretreatment system conditions consistent with 40 CFR 403.17 and Section 13-17-2;
 4. Requirements for the development and implementation of Spill Prevention Containment and Countermeasures / Slug Control Plan or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or non-routine Discharges;
 5. Development and implementation of waste minimization plans to reduce the amount of Pollutants Discharged to the POTW;
 6. Development and implementation of Best Management Practices Plans to reduce the amount of Pollutants Discharged to the POTW if the categorical standards do not already require the implementation of a Best Management Practices Plan;
 7. The unit charge and/or schedule of Surcharge fees for the management of the Wastewater Discharged to the POTW;
 8. Requirements for installation and maintenance of inspection and sampling facilities and equipment;
 9. Requirements for the zero Discharge of process waste regulated by a National Categorical Pretreatment Standard or local Standard;
 10. Documentation of any monitoring waiver approved by the Pretreatment Coordinator for categorically regulated Pollutants found to be not present and requirements to re-institute monitoring in the event that a waived Pollutant is found to be present or is expected to be present because of changes that occur in the User's operation;
 11. A statement that compliance with the Wastewater Discharge Permit does not relieve the permittee of responsibility for compliance with all applicable Federal and State Pretreatment Standards, including those which become effective during the term of the Wastewater Discharge Permit; and
 12. Other conditions as deemed appropriate by the Pretreatment Coordinator to ensure compliance with this ordinance, and State and Federal laws, rules, and regulations.

13-9-3 Individual and General Wastewater Discharge Permit Appeals

The Pretreatment Coordinator shall provide public notice of the issuance of an individual or general Wastewater Discharge Permit. Any Person, including the User, may petition the Pretreatment Coordinator to reconsider the terms of a Wastewater Discharge Permit within thirty (30) calendar days of notice of its issuance. The following conditions apply to Wastewater Discharge Permit appeals:

- A. Failure to submit a timely petition for review shall be deemed to be a waiver of the administrative appeal.
- B. In its petition, the appealing party must indicate the Wastewater Discharge Permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to place in the Wastewater Discharge Permit.

- C. The effectiveness of the Wastewater Discharge Permit shall not be stayed pending the appeal.
- D. If the Pretreatment Coordinator fails to act within thirty (30) calendar days, a request for reconsideration shall be deemed to be denied. Decisions not to reconsider a Wastewater Discharge Permit, not to issue a Wastewater Discharge Permit, or not to modify a Wastewater Discharge Permit shall be considered final administrative actions for purposes of judicial review.
- E. Aggrieved parties seeking judicial review of the final administrative Wastewater Discharge Permit decision must do so by filing a complaint with the Circuit Court for DuPage County within sixty (60) calendar days.

13-9-4 Individual and General Wastewater Discharge Permit Modification

- A. The Pretreatment Coordinator may modify an individual Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons:
 1. To incorporate any new or revised Federal, State or local Pretreatment Standards or Requirements;
 2. To address substantial alterations or additions to the User's operation, processes, or Wastewater volume or character since the time of Wastewater Discharge Permit issuance;
 3. To address introduction of a Pollutant for which a monitoring waiver had been obtained;
 4. A change in the POTW that requires either a temporary or permanent reduction or elimination of the authorized Discharge;
 5. Information indicating that the permitted Discharge poses a threat to the Village's POTW, Village Personnel, or the receiving waters;
 6. Violation of any terms or condition of the Wastewater Discharge Permit;
 7. Misrepresentations or failure to fully disclose all relevant facts in the Wastewater Discharge Permit application or in any required reporting;
 8. Revision of or a grant of variance from Categorical Pretreatment Standards pursuant to 40 CFR 403.13;
 9. To correct typographical or other errors in the Wastewater Discharge Permit;
 10. To reflect a transfer of either the facility ownership or operation to either a new owner or operator as provided by Section 13-9-5; or
 11. To reflect the issuance of a monitoring waiver.
- B. The Pretreatment Coordinator may modify a general Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons:
 1. To incorporate any new or revised Federal, State or local Pretreatment Standards or Requirements;
 2. A change in the POTW that requires either a temporary or permanent reduction or elimination of the authorized Discharge;
 3. To correct typographical or other errors in the Wastewater Discharge Permit; or
 4. To reflect a transfer of either the facility ownership or operation to either a new owner or operator as provided by Section 13-9-5.

13-9-5 Individual and General Wastewater Discharge Permit Transfer

Wastewater Discharge Permits shall not be transferred, assigned, or sold to a new owner or new User in different premises or to a new or different operation in the same or different premises without the expressed written approval of the Village. If the premises sold or otherwise transferred by the permittee to a new owner who will maintain the operation in the same premises, whether or not the seller will

continue to operate the equipment or the equipment is leased to another entity for its operation at the site of the original permittee, then the permit held by the seller and/or owner shall be reissued by the Village to the new owner and/or operator as a temporary permit; provided:

- A. The new owner and/or operator notified the Village thirty (30) calendar days in advance of the business transaction, (i.e. the transfer, sale, execution of an operating agreement, or purported assignment), and
- B. The new owner and/or operator confirmed to the Village, within 5 working days of the transaction, of completion of the date of sale or execution of an operating contract, and
- C. The new owner and/or operator shall apply for a new permit within ninety (90) calendar days of the sale and/or transfer date.

Failure to provide the notification required in subsection A and B above, renders the Wastewater Discharge Permit void as of said sale and/or transfer date. It is further provided that the temporary permit shall only be effective for one hundred eighty (180) calendar days after the date of sale or transfer. The Village shall have the same remedies for violation of temporary permits as it has for violation of other Wastewater Discharge Permits.

13-9-6 Individual and General Wastewater Discharge Permit Revocation

The Pretreatment Coordinator may revoke an individual or general Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons:

- A. Failure to notify the Pretreatment Coordinator of substantial changes to the Wastewater prior to the changed Discharge;
- B. Failure to provide prior notification to the Pretreatment Coordinator of changed conditions pursuant to Sections 13-10-5 and 13-10-6 of Ordinance;
- C. Misrepresentation or failure to fully disclose all relevant facts in the Wastewater Discharge Permit application;
- D. Falsifying self-monitoring reports and certification statements;
- E. Tampering with monitoring equipment;
- F. Refusing to allow the Pretreatment Coordinator and designee(s) timely access to the facility premises and records;
- G. Failure to meet effluent limitations outlined in Section 13-6-5;
- H. Failure to pay fines;
- I. Failure to pay sewer charges;
- J. Failure to meet compliance schedules;
- K. Failure to complete a Wastewater survey or the Wastewater Discharge Permit application;
- L. Failure to provide advance notice of the transfer of business or operation ownership of a permitted facility;
- M. Violation of any Pretreatment Standard or Requirement, or any terms of the Wastewater Discharge Permit or this ordinance;
- N. Failure to report an accidental Discharge of a Pollutant; or
- O. Failure to report an Upset to the Industrial User's treatment facilities.

Wastewater Discharge Permits shall be voidable upon cessation of operations or transfer of business or operation ownership. All Wastewater Discharge Permits issued to a particular User are void upon the issuance of a new Wastewater Discharge Permit to that User.

13-9-7 Individual and General Wastewater Discharge Permit Re-issuance

A User with an expiring Wastewater Discharge Permit shall apply for Wastewater Discharge Permit re-issuance by submitting a complete Wastewater Discharge Permit application, in accordance with Section 13-8-5 of this chapter, a minimum of ninety (90) calendar days prior to the expiration of the User's existing Wastewater Discharge Permit.

13-9-8 Regulation of Waste Received from Other Jurisdictions

- A. If another municipality, or User located within another municipality, contributes Wastewater to the POTW, the Village shall enter into an intergovernmental agreement with the contributing municipality.
- B. The Village shall request the following information from the contributing municipality at a frequency determined by the Village:
 - 1. A description of the quality and volume of Wastewater Discharge to the POTW by the contributing municipality;
 - 2. An inventory of all Users located within the contributing municipality that are Discharging to the POTW; and
 - 3. Such other information as the Pretreatment Coordinator may deem necessary.
- C. An intergovernmental agreement, as required by paragraph A, above, shall contain the following conditions:
 - 1. A requirement for the contributing municipality to adopt a sewer use ordinance which is at least as stringent as this ordinance and Local Limits which are at least as stringent as those set out in Sections 13-6-2 and 13-6-5 of this chapter for the area to be served by the Village. The requirement shall specify that such ordinance and limits must be revised as necessary to reflect changes made to the Village's ordinance and Local Limits.
 - 2. A requirement for the contributing municipality to submit a revised Non-Residential User inventory at a frequency determined by the Village but likely on an annual basis;
 - 3. A provision specifying that Pretreatment implementation activities, including Wastewater Discharge Permit issuance, inspection and sampling, and enforcement, will be conducted by the Pretreatment Coordinator;
 - 4. A requirement for the contributing municipality to provide the Pretreatment Coordinator with access to all information that the contributing municipality obtains as part of its Pretreatment activities;
 - 5. Limits on the nature, quality, and volume of the contributing municipality's Wastewater at the point where it Discharges to the POTW;
 - 6. Requirements for monitoring the contributing municipality's Discharge;
 - 7. A provision ensuring the Pretreatment Coordinator access to the facilities of Users located within the contributing municipality's jurisdictional boundaries for the purpose of inspection, sampling, and any other duties deemed necessary by the Pretreatment Coordinator; and
 - 8. A provision specifying remedies available for breach of the terms of the inter-municipal agreement.

SECTION 8: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 10, "Wastewater Discharge Reporting Requirements" which shall read as follows:

ARTICLE 10: WASTEWATER DISCHARGE REPORTING REQUIREMENTS

Each User of the Treatment Works and facilities of the Village shall provide reports as necessary to comply with this ordinance and any Wastewater Discharge Permit. Reporting requirements may apply to Users that are not required to obtain a Wastewater Discharge Permit.

13-10-1 Pretreatment Requirements for Non-Residential Users

Should the Village find that a Non-Residential User does not meet Pretreatment Standards and Requirements applicable to its Discharge, causes or contributes to Potential Problems at the POTW, or when analysis of waste or observation of the effect of such wastes on the POTW indicate that said wastes cannot be treated satisfactorily at such works, or that said wastes are injurious to the POTW, or to the treatment processes, or pollute the natural waters within the Village, its service areas or the Waters of the State of Illinois additional Pretreatment and/or O&M will be required by the Village to meet Pretreatment Standards and Requirements. Such facilities as the Village may deem necessary for Pretreatment of the wastes shall be furnished by and at the expense of the User as a condition of the Discharge of said wastes into the POTW or to any natural water within the Village service area.

- A. Pretreatment Review: The Pretreatment Coordinator will require the User to initiate a Pretreatment review through a telephone call, letter or certified letter to the Authorized Representative of the User.
- B. Pretreatment Initiation Meeting. A Pretreatment Initiation Meeting will be held between the Pretreatment Coordinator and the User to discuss the problem and the solution to said problem. If it is determined that changes in operation and maintenance, plant modifications, and/or the installation of Pretreatment equipment must occur in order to resolve noncompliance, a schedule shall be established with events and completion deadlines agreeable to both parties to resolve the noncompliance. If appropriate, a Compliance Agreement defining the agreed upon schedule will be sent from the Village to the User shortly after the meeting. If a schedule for compliance acceptable to the Pretreatment Coordinator cannot be established, the matter will be referred for further enforcement action consistent with the provisions of Article 14 as appropriate.
- C. Progress Reports. Progress Reports will be filed by the User on a schedule agreed to by the Pretreatment Coordinator concerning the completion of major events leading to the construction and operation of additional Pretreatment required for the User to meet the applicable Pretreatment Standards (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation); The User shall identify whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the User to return to the established schedule.
- D. Final Report. A Final Report will be filed with the Pretreatment Coordinator by the User normally required within 90 calendar days from the end of the schedule deadline to verify the success or failure or the schedule objective chosen by the User. The Final Report will if appropriate identify the steps being taken by the User to resolve noncompliance.

13-10-2 Additional Pretreatment Requirements for Categorical Industrial Users

In the event that either the Village, EPA or a User determines that the User is regulated as a Categorical Industrial User by Standards and requirements promulgated by the USEPA in accordance with Section 307 (b) and (c) of the Act, the following reports are required to be filed by the User with both the Village and USEPA.

A. Baseline Monitoring Reports

Within either one hundred eighty (180) calendar days after the effective date of a Categorical Pretreatment Standard, or the final administrative decision on a category determination under 40 CFR 403.6(a)(4), whichever is later, existing Categorical Industrial Users currently Discharging to or scheduled to Discharge to the POTW shall submit to the Pretreatment Coordinator a report which contains the information listed below. At least ninety (90) calendar days prior to commencement of their Discharge, New Sources, and sources that become Categorical Industrial Users subsequent to the promulgation of an applicable Categorical Standard, shall submit to the Pretreatment Coordinator a report which contains the information listed below. A New Source shall report the method of Pretreatment it intends to use to meet applicable Categorical Standards. A New Source also shall give estimates of its anticipated Flow and quantity of Pollutants to be Discharged.

Users described above shall submit the information set forth below.

1. Identifying Information. The name and address of the facility, including the name of the operator and owner.
2. Environmental Permits. A list of any environmental control permits held by or for the facility.
3. Description of Operations. A brief description of the nature, average rate of production, (including each product produced by type, amount, processes, and rate of production), and standard industrial classifications of the operation(s) carried out by such User. This description should include a schematic process diagram, which indicates points of Discharge to the POTW from the regulated processes.
4. Flow Measurement. Information showing the measured average daily and maximum daily Flow, in gallons per day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the Combined Waste Stream Formula set out in 40 CFR 403.6(e).
5. Measurements of Pollutants.
 - a) The User shall identify the Categorical Pretreatment Standards applicable to each regulated process and any new categorically regulated processes for Existing Sources;
 - b) The User shall submit the results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the Standard or by the Pretreatment Coordinator, of regulated Pollutants in the Discharge from each regulated process. Instantaneous, Daily Maximum and long-term average concentration (or mass, where required) shall be reported. The sample shall be representative of daily operations. In cases where the Standard requires a Best Management Practice or pollution prevention alternative, the User shall submit documentation as required by the Pretreatment Coordinator or the applicable Standards to determine compliance with the Standard;
 - c) The User shall take a minimum of one representative sample to compile the data necessary to comply with the requirements of this paragraph. A minimum of four (4) Grab Samples are required for pH, cyanide, total phenols, Oil and Grease, sulfide, and volatile organic compounds;
 - d) Samples should be taken immediately downstream from Pretreatment facilities if such exist or immediately downstream from the regulated process if no Pretreatment exists. If other Wastewaters are mixed with the regulated Wastewater prior to Pretreatment the User should measure the Flows and concentrations necessary to allow the use of the Combined Wastestream Formula of 40 CFR 403.6(e) in order to evaluate compliance with Pretreatment Standards. Where an alternate concentration or mass limit has been calculated in accordance

with 40 CFR 403.6(e) this adjusted limit along with supporting data shall be submitted to the Control Authority;

- e) Sampling must be performed in accordance with procedures set out in Section 13-6-8 of this chapter and shall be analyzed in accordance with procedures set out in Section 13-6-9 of this chapter;
 - f) The Pretreatment Coordinator may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial Pretreatment measures; and
 - g) The baseline report shall indicate the time, date and place, of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected Pollutant Discharges to the Village.
6. Compliance Certification. A statement, reviewed by the User's Authorized Representative of the User (as defined in Section 13-5-6), and certified by a qualified professional, indicating whether Pretreatment Standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional Pretreatment is required for the User to meet the Pretreatment Standards and Requirements.
 7. Compliance Schedule. If additional Pretreatment and/or O&M will be required to meet the Pretreatment Standards, the shortest schedule by which the User will provide such additional Pretreatment and/or O&M must be provided. The completion date in this schedule shall not be later than the compliance date established for the applicable Pretreatment Standard. A compliance schedule pursuant to this section must meet the requirements set out in Section 13-10-2.B.
 8. Signature and Report Certification. All baseline monitoring reports must be signed and certified in accordance with Section 13-8-6.

B. Compliance Schedule Progress Reports

The following conditions shall apply to the compliance schedule required by Section 13-10-2.A.7:

1. The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional Pretreatment required for the User to meet the applicable Pretreatment Standards (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation);
2. No increment referred to above shall exceed nine (9) calendar months;
3. The User shall submit a progress report to the Pretreatment Coordinator no later than fourteen (14) calendar days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the User to return to the established schedule;
4. In no event shall more than nine (9) calendar months elapse between such progress reports to the Pretreatment Coordinator; and
5. All compliance schedule progress reports must be signed and certified in accordance with Section 13-8-6.

C. Reports On Compliance With Categorical Pretreatment Standard Deadline.

Within ninety (90) calendar days following the date for final compliance with applicable Categorical Pretreatment Standards, or in the case of a New Source following commencement of the introduction of Wastewater into the POTW, any User subject to

such Pretreatment Standards and Requirements shall submit to the Pretreatment Coordinator a report containing the information described in Section 13-10-2.A. For Users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6(c) and Section 13-6-3 of this chapter, this report shall contain a reasonable measure of the User's long-term production rate. For all other Users subject to Categorical Pretreatment Standards expressed in terms of allowable Pollutant Discharge per unit of production (or other measure of operation), this report shall include the User's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Section 13-8-6.

13-10-3 Periodic Compliance Reports / Self-Monitoring Reports

- A. Significant Non-Categorical Industrial Users
1. Significant Non-Categorical Industrial Users shall, at a frequency determined by the Pretreatment Coordinator but in no case less than twice per year (on dates specified by the Village) submit a report to the Village with a description of the nature, concentration of Pollutants in the Discharge which are limited by Pretreatment Standards and the measured or estimated average and maximum daily Flows for the reporting period.
 2. These reports shall be based on sampling and analysis performed in the period covered by the report, and performed in accordance with the techniques described in 40 CFR part 136 and amendments thereto. All Wastewater samples must be representative of the User's Discharge and comply with the requirements of Sections 13-6-8 and 13-6-9.
 3. All sampling and analysis may be performed by the Village in lieu of Significant Industrial User. In such cases, the Village will issue an Attachment to the Wastewater Discharge Permit that specifies the Village will perform sampling and analysis semi-annually at minimum.
 4. In cases where the Pretreatment Standard requires compliance with a Best Management Practice (BMP) or pollution prevention alternative, the User must submit documentation required by the Pretreatment Coordinator or the Pretreatment Standard necessary to determine the compliance status of the User.
 5. Where the Village itself collects all the information required for the report, the Significant Non-Categorical Industrial User will not be required to submit the report.
- B. Categorical Industrial Users
1. All Industrial Users subject to Categorical Pretreatment Standards (Categorical Industrial Users) shall, at a frequency determined by the Pretreatment Coordinator but in no case less than twice per year on dates specified by the Village (normally in July and January), submit a report indicating the nature and concentration of Pollutants in the Discharge which are limited by Pretreatment Standards and the measured or estimated average and maximum daily Flows for the reporting period. At the discretion of the Village and in consideration of such factors as local high or low Flow rates, holidays, budget cycles, etc., the Village may agree to alter the months during which the above reports are to be submitted. All periodic compliance reports must be signed and certified in accordance with Section 13-8-6.
 2. These reports shall be based on sampling and analysis performed in the period covered by the report, and performed in accordance with the techniques described in 40 CFR Part 136 and amendments thereto. All Wastewater samples must be representative of the User's Discharge and comply with the requirements of Sections 13-6-8 and 13-6-9.

3. This sampling and analysis may be performed by the Village in lieu of Categorical Industrial User. In such cases, the Village will issue an attachment to the Wastewater Discharge Permit that specifies the Village will perform sampling and analysis semi-annually at minimum.
4. If a User subject to the reporting requirement in this section monitors any Pollutant more frequently than required by the Pretreatment Coordinator, using the procedures prescribed in Sections 13-6-8 and 13-6-9, the results of this monitoring shall be included in the report.
5. Where the Village has imposed mass limitations on Users as provided for by 40 CFR Part 403.6(c), the report required by paragraph B.1. of this section shall indicate the mass of Pollutants regulated by the Pretreatment Standards in the Discharge from the Industrial User.
6. For Users subject to equivalent mass or concentration limits established by the Village in accordance with the procedures in Section 13-6-3.F, the report required by paragraph B.1. shall contain a reasonable measure of the User's long term production rate. For all other Users subject to Categorical Pretreatment Standards expressed only in terms of allowable Pollutant Discharge per unit of production (or other measure of operation), the report required by paragraph B.1. shall include the User's actual average production rate for the reporting period.
7. In cases where the Pretreatment Standard requires compliance with a Best Management Practice (BMP) or pollution prevention alternative, the User must submit documentation required by the Pretreatment Coordinator or the Pretreatment Standard necessary to determine the compliance status of the User.
8. Upon approval of a monitoring waiver for Pollutants found to be not present and revision of the User's permit by the Pretreatment Coordinator, the User must certify on each periodic report with the statement in Section 13-8-6, that there has been no increase in the Pollutant in its wastestream due to activities of the User with the following statement:

“Based on my inquiry of the person or persons directly responsible for managing compliance with the Pretreatment Standard for 40 CFR _____ (specify applicable National Categorical Pretreatment Standard part(s)), I certify that, to the best of my knowledge and belief, there has been no increase in the level of the _____ (list the categorically regulated pollutant(s)) in the wastewaters due to the activities at the facility since filing of the last periodic report.”

9. In the event that a waived Pollutant is found to be present or is expected to be present because of changes that occur in the User's operations, the User must immediately comply with the monitoring requirements of Section 13-10-3 B.1. or other more frequent monitoring requirements imposed by the Pretreatment Coordinator, and notify the Pretreatment Coordinator.

C. Non-Significant Categorical Users

1. Non-Significant Categorical Industrial Users as defined in Section 13-5-6 shall, at a frequency determined by the Pretreatment Coordinator but no less frequently than annually (on dates specified by the Village) submit a report which contains the certification statement contained in Section 13-10-3 C. 2. below.
2. Certification Statement.

“Based on my inquiry of the person or persons directly responsible for managing compliance with the Categorical Pretreatment Standards under 40 CFR ____, I certify

that, to the best of my knowledge and belief that during the period from _____, _____ to _____, _____ (months, days, year):

- a) The facility described as _____ (facility name) met the definition of a Non-Significant Categorical Industrial User as described by Section 13-5-6;
- b) The facility complied with all applicable Pretreatment Standards and Requirements during this reporting period; and
- c) The facility never discharged more than 100 gallons of total categorical wastewater on any given day during this reporting period.

This compliance certification is based on the following information:

_____”

The report is required to be signed by an Authorized Representative of the User.

D. Other Non-Significant Regulated Users

1. Categorical Zero Process Dischargers, Non-Categorical Zero Process Dischargers, Batch Dischargers, Food Service Establishments and any firms regulated by individual or general permit requirements including but not limited to Best Management Practices shall, at a frequency determined by the Pretreatment Coordinator, submit a periodic report at a frequency defined in their Wastewater Discharge Permit.
2. The reports may require sampling and analyses or some other measure to determine compliance with permit Pretreatment Standards and Requirements. The User must submit documentation necessary to determine the compliance status of User as defined by the Pretreatment Coordinator and identified in the Wastewater Discharge Permit.

13-10-4 Reports from Non-Permitted Users

All Users not required to obtain a Wastewater Discharge Permit shall provide appropriate reports to the Pretreatment Coordinator as required in this Ordinance or by the Pretreatment Coordinator. These reports include but are not limited to surveys of business activities, water usage, wastes Discharged, spill and Slug Loading potential, Pretreatment equipment, waste hauling and facility layout.

13-10-5 Authorized Representative Change Notification

Any Significant Industrial User that changes the Authorized Representative of its company as defined in Section 13-5-6 shall file a change notice with the Village within 30 calendar days.

13-10-6 Reports of Changed Conditions

Each User must notify the Pretreatment Coordinator of any planned substantial changes to the User's operations or system which might alter the nature, quality, or volume of its Wastewater at least thirty (30) calendar days before the change that results in an increase or addition or planned shutdown or deletion of products. Immediate shutdowns or deletions of products are required to be noticed within five (5) working days of determination.

- A. The Pretreatment Coordinator may require the User to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of a Wastewater Discharge Permit application under Section 13-8-5.
- B. The Pretreatment Coordinator may issue or modify an existing individual or general Wastewater Discharge Permit under Sections 13-9-2 and 13-9-4 in response to changed conditions or anticipated changed conditions.
- C. For purposes of this requirement, substantial changes include, but are not limited to, Flow increases of twenty percent (20 percent) or greater, the addition or deletion of a shift, the Discharge of any previously unreported Pollutants including changes to the listed or characteristic hazardous wastes for which the User has submitted initial notification under Section 13-10-9, introduction of a Pollutant for which a monitoring waiver had been obtained, the addition of a new process regardless of waste Discharge or lack of Discharge, shutdown of a process, or addition or deletion of a product.
- D. Significant Industrial Users and Categorical Industrial Users are required to notify the Pretreatment Coordinator immediately of any changes at its facility affecting the potential for a Slug Discharge.

13-10-7 Reports of Potential Problems

- A. Initial Notification. In the case of any Discharge, including, but not limited to, accidental Discharges, Discharges of a non-routine, episodic nature, a non-customary batch Discharge, or a Slug Load, that may cause potential problems for the POTW, the User shall immediately telephone (within fifteen (15) minutes), and notify the Pretreatment Coordinator of the incident. If this notification cannot be made to the POTW staff during routine business hours, the User shall notify the Village Police Department. This notification shall include the name of the caller, location of the Discharge, physical state of Discharge, chemical composition, concentration and volume, if known, and date and time of Discharge as well as duration of the Discharge, and corrective actions taken by the User. The notification shall include what Federal, State and local entities have also been notified by the User.
- B. The User shall control production of all Discharges to the extent necessary to maintain compliance with all applicable regulations upon reduction, loss or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement includes the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.
- C. Written Notification: Within fifteen (15) calendar days following such Discharge, the User shall, unless waived by the Pretreatment Coordinator, submit a detailed written report describing the cause(s) of the Discharge and the measures to be taken by the User to prevent similar future occurrences.
- D. Such notifications shall not relieve the User of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, natural resources, or any other damage to Person or property; nor shall such notification relieve the User of any fines, penalties, or other liability which may be imposed pursuant to this ordinance.
- E. A Notice/Sign shall be permanently posted on the User's bulletin board or other prominent place advising employees in English and the language of common use whom to call in the event of a Discharge described in paragraph A, above. Employers shall ensure through documentation that all employees, who may cause such a Discharge to occur, are advised of the emergency notification procedure.

13-10-8 Notice of Violation/Repeat Sampling and Reporting

If sampling performed by a User indicates a violation, the User must notify the Pretreatment Coordinator within twenty-four (24) hours of becoming aware of the violation. The User shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Pretreatment Coordinator within thirty (30) calendar days after becoming aware of the violation. The User is not required to resample if the Pretreatment Coordinator monitors at the User's facility at least once a month, or if the Pretreatment Coordinator samples between the User's initial sampling and when the User receives the results of this sampling. If the Village performed the sampling and analysis in lieu of the User, the Village will perform the repeat sampling and analysis unless it notifies the User of the violation and requires the User to perform the repeat sampling and analysis.

13-10-9 Notification of the Discharge of Hazardous Waste

- A. Pursuant to 40 CFR 403.12 (p) any User who commences the Discharge of hazardous waste shall notify the POTW, the USEPA Regional Waste Management Division Director, and State hazardous waste authorities, in writing, of any Discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of Discharge (continuous, batch, or other). If the User Discharges more than one hundred (100) kilograms of such waste per calendar month to the POTW, the notification also shall contain the following information to the extent such information is known and readily available to the User: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the waste stream Discharged during that calendar month, and an estimation of the mass of constituents in the waste stream expected to be Discharged during the following twelve (12) months. All notifications must take place no later than one hundred and eighty (180) calendar days after the Discharge commences. Any notification under this paragraph need be submitted only once for each hazardous waste Discharged. However, notifications of changed conditions must be submitted under Section 13-10-6. The notification requirement in this section does not apply to Pollutants already reported by Users subject to Categorical Pretreatment Standards under the self-monitoring requirements of Sections 13-10-2.A, 13-10-2.C, and 13-10-3.B.
- B. Dischargers are exempt from the requirements of paragraph A, above, during a calendar month in which they Discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e). Discharge of more than fifteen (15) kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the User Discharges more than such quantities of any hazardous waste do not require additional notification.
- C. In the case of any new regulations under Section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the User must notify the Pretreatment Coordinator, the USEPA Regional Waste Management Waste Division Director, and State hazardous waste authorities of the Discharge of such substance within ninety (90) calendar days of the effective date of such regulations.
- D. In the case of any notification made under this Section, the User shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree that the User will not cause Potential Problems or Interference at the POTW, and will comply with the prohibited discharge standards in Section 13-6-2 and local limits in Section 13-6-5.

- E. This provision does not create a right to Discharge any substance not otherwise permitted to be Discharged by this ordinance, a permit issued thereunder, or any applicable Federal or State law.

13-10-10 Report Submittal Due Dates

Written reports will be deemed to have been submitted on the date postmarked. For reports which are not mailed, postage prepaid, into a mail facility serviced by the United States Postal Service, the date of receipt of the report shall govern. In order to meet deadlines, reports may be faxed or emailed on the due date to the Pretreatment Coordinator. The original of the Fax or email is required to be mailed to the Village postmarked within one (1) working day of the transmission.

SECTION 9: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 11 “Wastewater Discharge Compliance Monitoring” which shall read as follows:

ARTICLE 11: WASTEWATER DISCHARGE COMPLIANCE MONITORING

13-11-1 Right of Entry: Inspection and Sampling

The Pretreatment Coordinator and his designee(s), Duly Authorized Agents of the Village, the Illinois Environmental Protection Agency, and the United States Environmental Protection Agency, hereafter referred to as above named entities, shall have the right to enter the premises of any User to determine whether the User is complying with all requirements of this chapter and any individual or general Wastewater Discharge Permit or order issued hereunder. Users shall allow the above named entities ready access to all parts of the premises for the purposes of inspection, observation, measurement, sampling, analyses, records examination and copying, and the performance of any additional duties.

- A. Where a User has security measures in force which require proper identification and clearance before entry into its premises, the User shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, the above named entities will be permitted to enter without delay for the purposes of performing specific responsibilities.
- B. The Village shall have the right to set up on the User's property or require installation of such devices as are necessary to conduct sampling and/or metering of the User's operations.
- C. The Pretreatment Coordinator may require the User to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the User at its own expense. All devices used to measure Wastewater Flow and quality shall be calibrated twice yearly (at six month intervals) to ensure their accuracy. The User shall submit these calibration reports semi-annually to the Village with the Periodic Compliance Reports required in Section 13-10-3.
- D. Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the User at the written or verbal request of the Pretreatment Coordinator and shall not be replaced. The costs of clearing such access shall be borne by the User.
- E. Unreasonable delays in allowing the Pretreatment Coordinator and his designee access to the User's premises shall be a violation of this chapter.

13-11-2 Record Keeping

- A. Users. Users subject to the reporting requirements of this chapter shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this ordinance and any additional records of information obtained pursuant to monitoring activities undertaken by the User independent of such requirements, and documentation associated with Best Management Practices established under Section 13-9-2. Records shall include the date, exact place, method, and time of sampling, and the name of the Person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the User or the Village, or where the User has been specifically notified of a longer retention period by the Pretreatment Coordinator.
- B. Village. The Village will maintain documentation of any monitoring waiver issued per Section 13-8-5.D for a period of three (3) years after the expiration of the waiver. The documentation will include the reasons supporting the waiver and any information submitted by the User in its request for the waiver.

13-11-3 Search Warrants

If the Pretreatment Coordinator has been refused access to a building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this chapter, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this ordinance or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the Pretreatment Coordinator may seek issuance of a search warrant from the Circuit Court of DuPage County.

SECTION 10: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 12, "Confidential Information" which shall read as follows:

ARTICLE 12: CONFIDENTIAL INFORMATION

13-12-1 Access to Information

Information and data on a User obtained from reports, surveys, Wastewater Discharge Permit applications, individual or general Wastewater Discharge Permits, and monitoring programs, and the Pretreatment Coordinator inspection and sampling activities, shall be available to the public without restriction, unless the User specifically requests, and is able to demonstrate to the satisfaction of the Pretreatment Coordinator and Village Attorney, that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets under applicable State law. Any such request must be asserted at the time of submission of the information or data. When requested and demonstrated by the User furnishing a report that such information should be held confidential, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or Pretreatment program, and in enforcement proceedings involving the Person furnishing the report. Wastewater constituents and characteristics and other "effluent data" as defined by 40 CFR 2.302 will not be recognized as confidential information and will be available to the public without restriction.

SECTION 11: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 13, "Publication of Wastewater System Users in Significant Noncompliance" which shall read as follows:

ARTICLE 13: PUBLICATION OF WASTEWATER SYSTEM USERS IN SIGNIFICANT NONCOMPLIANCE

The Pretreatment Coordinator shall publish annually, in a newspaper of general circulation that provides meaningful public notice within the jurisdiction served by the POTW, a list of the Users which, at any time during the previous twelve (12) months, were in Significant Noncompliance with applicable Pretreatment Standards and Requirements. The term Significant Noncompliance shall be applicable to all Significant Industrial Users and Categorical Industrial Users (or any other User that violates paragraphs (C), (D) or (H) of this Section and shall mean:

- A. Chronic violations of Wastewater Discharge limits, defined here as those in which sixty-six percent (66 percent) or more of all the measurements taken for the same Pollutant parameter during a six-(6-) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement including instantaneous limits as Defined in Article 6;
- B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33 percent) or more of Wastewater measurements taken for each Pollutant parameter during a six-(6-) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, as defined by Article 6 multiplied by the applicable criteria (1.4 for BOD, TSS, fats, Oils and Grease, and 1.2 for all other Pollutants except pH);
- C. Any other violation of a Pretreatment Standard or Requirement as defined by Article 6 (Daily Maximum, long-term average, Instantaneous Limit, or narrative Standard) that the Pretreatment Coordinator has determined caused, alone or in combination with other Discharges, Interference or Pass Through, including endangering the health of POTW personnel or the general public;
- D. Any Discharge of Pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the Pretreatment Coordinator exercise of its emergency authority to halt or prevent such a Discharge;
- E. Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an individual or general Wastewater Discharge Permit or enforcement order for starting construction, completing construction, or attaining final compliance;
- F. Failure to provide within forty-five (45) calendar days after the due date, any required reports, including baseline monitoring reports, reports on compliance with Categorical Pretreatment Standard deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- G. Failure to accurately report noncompliance; or
- H. Any other violation(s), which may include a violation of Best Management Practices, that the Pretreatment Coordinator determines will adversely affect the operation or implementation of the local Pretreatment program.

SECTION 12: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 14, "Administrative Enforcement Remedies" which shall read as follows:

ARTICLE 14: ADMINISTRATIVE ENFORCEMENT REMEDIES

13-14-1 Notification of Violation

- A. When the Pretreatment Coordinator finds that a User has violated, or continues to violate, any provision of this chapter, a Wastewater Discharge Permit or order issued hereunder, or any other Pretreatment Standard or Requirement, the Pretreatment Coordinator may

serve upon that User a written Notice of Violation. Within twenty (20) working days of the receipt of this notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the User to the Pretreatment Coordinator. Submission of this plan in no way relieves the User of liability for any violations occurring before or after receipt of the Notice of Violation.

- B. The Pretreatment Coordinator may initiate a Pretreatment Review for any Violation issued under Section 13-14-1.A. but most likely for the first violation of any parameter. Upon the issuance of the Pretreatment Review, the Village shall schedule a Pretreatment Review meeting, normally within thirty calendar days of the determination that a meeting is required. As a result of a Pretreatment Review meeting, the Village may issue a compliance directive stating that the User is in a “corrective action” status. A plan for correction and compliance schedule illustrating milestones may be issued by the Village to the User. This plan for correction and compliance schedule may become part of the User’s permit. The User is responsible for meeting the permit limits at all times. The plan for correction, compliance schedule and revised permit do not relieve the User of meeting the permit limits and/or Ordinance requirements. The User shall take whatever actions are necessary to meet the permit limits and permit conditions.
- C. As a result of a violation, the Village may continue to sample the User and inspect the User’s progress towards meeting milestones as needed to determine if the User is complying with the conditions of the plan of action, compliance schedule and/or permit. In the event the Village detects and documents any violation; a NOV will be issued to the User.
- D. Each detected Violation of the plan of action, compliance schedule, and permit, will result in an NOV being issued to the User. Failure to comply with the NOV requirements may result in the issuance of a citation requiring the User to appear in DuPage County Circuit Court.
- E. When the User has met the conditions of the plan of action, compliance schedule, and permit, the Village will notify the User in writing that the conditions have been satisfied and they are no longer under a “corrective action” status if such a status was formally issued.
- F. Nothing in this section shall limit the authority of the Pretreatment Coordinator to take any action, including emergency actions or any other enforcement action, without first issuing a Notice of Violation.

13-14-2 Compliance Agreements

The Pretreatment Coordinator may enter into Compliance Agreements, i.e. Consent Orders, assurances of compliance, or other similar documents establishing an agreement with any User responsible for noncompliance. Such documents will include specific action to be taken by the User to correct the noncompliance within a time period specified by the document. Such documents shall have the same force and effect as the administrative orders issued pursuant to Sections 13-14-4 and 13-14-5 and shall be judicially enforceable.

13-14-3 Show Cause Order

The Pretreatment Coordinator may order a User which has violated, or continues to violate, any provision of this chapter, a Wastewater Discharge Permit or order issued hereunder, or any other Pretreatment Standard or Requirement, to appear before the representatives of the Village and show cause why the proposed enforcement action should not be taken. Notice shall be served on the User specifying

the time and place for the meeting, the proposed enforcement action, the reasons for such action, and a request that the User show cause why the proposed enforcement action should not be taken. The notice of the meeting shall be served Personally or by registered or certified mail (return receipt requested) at least ten (10) working days prior to the hearing. Such notice may be served on any Authorized Representative of the User. A show cause hearing shall not be a bar against, or prerequisite for, taking any other action against the User.

13-14-4 Compliance Orders

When the Pretreatment Coordinator finds that a User has violated, or continues to violate, any provision of this chapter, a Wastewater Discharge Permit or order issued hereunder, or any other Pretreatment Standard or Requirement, the Pretreatment Coordinator may issue an order to the User responsible for the Discharge directing that the User come into compliance within a specified time. If the User does not come into compliance within the time provided, sewer service may be discontinued unless adequate treatment facilities, devices, or other related appurtenances are installed and properly operated. Compliance orders also may contain other requirements to address the noncompliance, including additional self-monitoring and management practices designed to minimize the amount of Pollutants Discharged to the sewer. A compliance order may not extend the deadline for compliance established for a Pretreatment Standard or Requirement, nor does a compliance order relieve the User of liability for any violation, including any continuing violation. Issuance of a compliance order shall not be a bar against, or a prerequisite for, taking any other action against the User.

13-14-5 Cease and Desist Orders

When the Pretreatment Coordinator finds that a User has violated, or continues to violate, any provision of this chapter, a Wastewater Discharge Permit or order issued hereunder, or any other Pretreatment Standard or Requirement, or that the User's past violations are likely to recur, the Pretreatment Coordinator may issue an order to the User directing it to cease and desist all such violations and directing the User to:

- A. Immediately comply with all requirements; and
- B. Take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and/or terminating the Discharge.

Issuance of a cease and desist order shall not be a bar against, or a prerequisite for, taking any other action against the User.

13-14-6 Emergency Suspensions

The Pretreatment Coordinator may immediately suspend a User's Discharge, after informal notice to the User, whenever such suspension is necessary to stop an actual or threatened Discharge which reasonably appears to present or cause an imminent or substantial endangerment to the health or welfare of Persons. The Pretreatment Coordinator may also immediately suspend a User's Discharge, after notice and opportunity to respond, that threatens to Interfere with the operation of the POTW, or which presents, or may present, an endangerment to the environment.

- A. Any User notified of a suspension of its Discharge shall immediately stop or eliminate its contribution. In the event of a User's failure to immediately comply voluntarily with the suspension order, the Pretreatment Coordinator may take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the POTW, its receiving stream, or endangerment to any individuals. The Pretreatment Coordinator may allow the User to recommence its Discharge when the User has

demonstrated to the satisfaction of the Pretreatment Coordinator that the period of endangerment has passed, unless the termination proceedings in Section 13-14-7 are initiated against the User.

- B. A User that is responsible, in whole or in part, for any Discharge presenting imminent endangerment shall submit a detailed written statement, describing the causes of the harmful contribution and the measures taken to prevent any future occurrence, to the Pretreatment Coordinator prior to the date of any show cause or termination hearing under Sections 13-14-3 or 13-14-7.

Nothing in this section shall be interpreted as requiring a hearing prior to any emergency suspension under this section.

13-14-7 Termination of Discharge

In addition to the provisions in Section 13-9-6 above, any User who violates the following conditions is subject to Discharge termination:

- A. Violation of Wastewater Discharge Permit conditions;
- B. Failure to accurately report the Wastewater constituents and characteristics of its Discharge;
- C. Failure to report substantial changes in operations or Wastewater volume, constituents, and characteristics prior to Discharge;
- D. Refusal of reasonable access to the User's premises for the purpose of inspection, monitoring, or sampling; or
- E. Violation of the Pretreatment Standards in Article 6 of this ordinance.

Such User will be notified of the proposed termination of its Discharge and be offered an opportunity to show cause under Section 13-14-3 why the proposed action should not be taken. Exercise of this option by the Village Board shall not be a bar to, or a prerequisite for, taking any other action against the User.

SECTION 13: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 15, "Penalties and Judicial Enforcement Remedies" which shall read as follows:

ARTICLE 15: PENALTIES AND JUDICIAL ENFORCEMENT REMEDIES

13-15-1 Recovery of Costs Incurred

Any entity or User violating any of the provisions of this chapter, or who causes damage to or impairs the Village's POTW shall be liable to the Village for any expense, loss or damage caused by such violation or Discharge. The Village shall invoice the costs, including but not limited to, sampling and analyses associated with the investigation, costs of mitigating impact to the POTW, costs of preparing the administrative enforcement actions such as notices and orders, attorney's and engineering fees and expenses, investigative and/or correction actions, and review of response(s) from the User. In the event of damage, losses or impairments, the Village shall bill the User for the costs incurred by the Village for any cleaning, repair, replacement or other investigative and/or corrective action(s) as a response to the violation or Discharge. Refusal to pay the assessed costs shall constitute a violation of this chapter enforceable under the provisions of Article 14.

13-15-2 Injunctive Relief

When a User has violated, or continues to violate, any provision of this ordinance, a general or individual Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or

Requirement, the Village may petition the Circuit Court of DuPage County for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the general or individual Wastewater Discharge Permit, order, or other requirement imposed by this ordinance on activities of the User. The Village may also seek such other action as is appropriate for legal and/or equitable relief, including a requirement for the User to conduct environmental remediation. A petition for injunctive relief shall not be a bar against, or a prerequisite for, taking any other action against a User.

13-15-3 Penalties

When the Pretreatment Coordinator finds that a User has violated, or continues to violate, any provision of this ordinance, an individual or general Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or Requirement, the Pretreatment Coordinator, under the direction of the Director of Public Works, may petition the Circuit Court of DuPage County through the Village Attorney for civil penalties as follows:

- A. Any User shall be fined in the amount of not less than one thousand dollars (\$1000.00) or more than one thousand five hundred (\$1,500.00) for each violation. Each day a violation exists or continues to exist shall constitute a separate violation. In the case of a monthly or other long-term average Discharge limit, each day a violation exists or continues shall constitute a separate violation.
- B. The Pretreatment Coordinator may recover costs, including but not limited to, filing fees, witness fees, attorneys' fees, court costs, and other fees and expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the Village.
- C. In determining the amount of civil liability, the Court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration of the violation, any economic benefit gained through the User's violation, corrective actions by the User, the compliance history of the User, and any other factor as justice requires.
- D. Filing a suit for civil penalties shall not be a bar against, or a prerequisite for, taking any other action against a User.

13-15-4 Remedies Nonexclusive

The remedies provided for in this ordinance are not exclusive. The Pretreatment Coordinator may take any, all, or any combination of these actions against a noncompliant User. Enforcement of Pretreatment violations will generally be in accordance with the Village's enforcement response plan. However, the Pretreatment Coordinator may take other action against any User when the circumstances warrant. Further, the Pretreatment Coordinator is empowered to take more than one enforcement action against any noncompliant User.

SECTION 14: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 16, "Supplemental Enforcement Action" which shall read as follows:

ARTICLE 16: SUPPLEMENTAL ENFORCEMENT ACTION

13-16-1 Failure to Report or Notify

- A. Sewer Permits

Any entity who fails to file for and obtain a sewer connection and/or discharge permit prior to commencing construction of said connection required by this Ordinance may be subject to the following late filing fees in addition to connection or annexation fees:

- | | | |
|------------------|---------------------|----------|
| 1. First Notice | Issuance of Warning | |
| 2. Second Notice | | \$250.00 |

B. Village Reports or Notifications

Any entity who fails to file any report or notification so required by this Ordinance may be subject to the following late filing fees:

- | | | | |
|--|----------|----|----------|
| 1. Less than 30 calendar days past due | Issuance | of | |
| Warning | | | |
| 2. Recurring reporting violations or
30 or more calendar days past due | | | \$100.00 |
| 3. Substantial Change Notification | | | |
| No written notification of substantial changes whether
Discharged or not: | | | |
| At start-up or shutdown | | | \$500.00 |
| In excess of 30 calendar days | | | \$100.00 |

C. Reports or Notifications required by Significant or Categorical Industrial Users

Any entity who fails to file any Periodic Pretreatment Report (Semi-Annual), Baseline Monitoring Report, or 90-day Final Compliance Report so required by this Ordinance may be subject to the following late filing fees:

- | | | |
|--|---------------------|-----------|
| 1. Less than 30 calendar days past due | Issuance of Warning | |
| 2. 30 or more calendar days past due | | \$250.00 |
| 3. Substantial changes | | |
| No written notification of substantial changes whether
Discharged or not: | | |
| At start-up or shutdown | | \$1000.00 |
| In excess of 30 calendar days | | \$200.00 |

D. Ownership Notification Specific to Entities With Wastewater Discharge Permits

- | | |
|--|-----------|
| 1. No written notification of change in ownership and/or
operation of facility, or any portion thereof with an individual permit. | \$1000.00 |
| 2. No written notification of change in ownership and/or
operation of facility, or any portion thereof with a general permit. | \$500.00 |

13-16-2 Liability Insurance

The Pretreatment Coordinator may decline to issue or reissue an individual or general Wastewater Discharge Permit to any User who has failed to comply with any provision of this chapter, a previous individual or general Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or Requirement, unless the User first submits proof that it has obtained financial assurances sufficient to restore or repair damage to the POTW caused by its Discharge.

13-16-3 Payment for Outstanding Fees and Penalties

The Pretreatment Coordinator may decline to issue or reissue an individual or general Wastewater Discharge Permit to any User who has failed to pay any outstanding fees, fines or penalties incurred as a result of any provision of this chapter, a previous individual or general Wastewater Discharge Permit or order issued hereunder.

13-16-4 Discontinuance of Water Supply

Whenever a User has violated or continues to violate any provision of this chapter, an individual or general Wastewater Discharge Permit, or order issued hereunder, or any Pretreatment Standard or Requirement, water service to the User may be discontinued. Service shall not be discontinued until a minimum of five (5) days notice has been given to the User. Such notice shall advise that upon written request received prior to the expiration of the five (5) days period, the User will be given an opportunity to be heard as to why Service should not be discontinued. If Service is discontinued, service will recommence at the User's expense, only after the User has satisfactorily demonstrated its ability to comply and paid outstanding costs, fees, and penalties.

13-16-5 Public Nuisances

A violation of any provision of this chapter, an individual or general Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or Requirement is hereby declared a public nuisance and shall be corrected or abated as directed by the Pretreatment Coordinator. Any Person(s) creating a public nuisance shall be subject to the provisions governing such nuisances, including reimbursing the Village for any costs incurred in removing, abating, or remedying said nuisance.

SECTION 15: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 17, "Affirmative Defenses to Wastewater Discharge Violations" which shall read as follows:

ARTICLE 17: AFFIRMATIVE DEFENSES TO WASTEWATER DISCHARGE VIOLATIONS

13-17-1 Upset

- A. For the purposes of this section, "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with Categorical Pretreatment Standards because of factors beyond the reasonable control of the User. 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.
- B. An Upset shall constitute an affirmative defense to an action brought for noncompliance with Categorical Pretreatment Standards if the requirements of paragraph (C), below, are met.
- C. A User who wishes to establish the affirmative defense of Upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 1. An Upset occurred and the User can identify the cause(s) of the Upset;
 2. The facility was at the time being operated in a prudent and workman-like manner and in compliance with applicable operation and maintenance procedures; and
 3. The User has submitted the following information to the Pretreatment Coordinator within twenty-four (24) hours of becoming aware of the Upset (if this information is provided orally, a written report must be provided within five (5) working days):
 - a) A description of the Indirect Discharge and cause of noncompliance;
 - b) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - c) Steps being taken and/or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- D. In any enforcement proceeding, the User seeking to establish the occurrence of an Upset shall have the burden of proof.

- E. Users will have the opportunity for a judicial determination on any claim of Upset only in an enforcement action brought for noncompliance with Categorical Pretreatment Standards.
- F. Users shall control production of all Discharges to the extent necessary to maintain compliance with Categorical Pretreatment Standards upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

13-17-2 Bypass

- A. For the purposes of this section,
 - 1. "Bypass" means the intentional diversion of waste streams from any portion of a User's treatment or Pretreatment facility.
 - 2. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a Bypass. Severe property damage does not mean economic loss caused by delays in production.
- B. A User may allow any Bypass to occur which does not cause Pretreatment Standards or Requirements to be violated, but only if it also is for essential maintenance to assure efficient operation. These Bypasses are not subject to the provision of Subsections C and D of this section.
- C. Bypass Notifications
 - 1. Anticipated: If a User knows in advance of the need for a Bypass, it shall submit prior notice to the Pretreatment Coordinator, at least ten (10) working days before the date of the Bypass, if possible.
 - 2. Unanticipated: A User shall submit oral notice to the Pretreatment Coordinator of an unanticipated Bypass that exceeds applicable Pretreatment Standards within twenty-four (24) hours from the time it becomes aware of the Bypass. A written submission shall also be provided within five (5) working days of the time the User becomes aware of the Bypass. The written submission shall contain a description of the Bypass and its cause; the duration of the Bypass, including exact dates and times, and, if the Bypass 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 Bypass. The Pretreatment Coordinator may waive the written report on a case-by-case basis if the oral report has been received within twenty-four (24) hours.
- D. POTW Actions
 - 1. Bypass is prohibited, and the Pretreatment Coordinator may take an enforcement action against a User for a 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 User submitted notices as required under paragraph (C) of this section.
 - 2. The Pretreatment Coordinator may approve an anticipated Bypass, after considering its adverse effects, if the Pretreatment Coordinator determines that it will meet the three conditions listed in paragraph (D)(1) of this section.

SECTION 16: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 18, "Miscellaneous Fees" which shall read as follows:

ARTICLE 18: MISCELLANEOUS FEES

13-18-1 Pretreatment Charges and Fees

The Village may adopt reasonable fees for reimbursement of costs of setting up and operating the Village's Pretreatment Program unique to a specific User which may include:

- A. Categorical pretreatment standard determination, establishment and documentation for wastewater discharge permit;
- B. Fees for monitoring, inspection, and surveillance procedures including the cost of collection and analyzing a User's Discharge, and reviewing monitoring reports submitted by Users;
- C. Fees for reviewing plans or construction relating to Spill Prevention Containment and Countermeasures / Slug Load Plans as defined in Section 13-7-4;
- D. Fees for responding to Report of Potential Problems as defined in Section 13-10-7;

13-18-2 Additional Remedies

- A. In addition to remedies available to the Village set forth elsewhere in this Ordinance, if the POTW is fined by the state or USEPA for violation of the POTW NPDES permit or violation of Water Quality Standards as the result of Discharge of Pollutants by a User or group of Users, then the fine, including all legal, sampling, analytical testing costs and any other related costs incurred by the Village shall be charges to the responsible User or group of Users. Such charges shall be in addition to, and not in lieu of, any other remedies the Village may have under this Ordinance, statutes, regulations, at law or in equity.
- B. If the Discharge from any non-residential User causes a deposit, obstruction or damage to any portion of the POTW, the POTW shall cause the deposit or obstruction to be promptly removed or cause the damage to be promptly repaired. The cost for such work, including materials, labor and supervision, shall be borne by the Person or non-residential User causing such deposit, obstruction, or damage.

SECTION 17: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 19, "User & Surcharge Industrial Waste Cost Recovery" which shall read as follows:

ARTICLE 19: USER & SURCHARGE INDUSTRIAL WASTE COST RECOVERY

13-19-1 User and Surcharge Rates

- A. Basis for Wastewater Service Charges.
 - 1. The Wastewater Service Charge for the use of a service supplied by the Wastewater facilities of the Village shall consist of a Basic User Charge for operation and maintenance plus replacement, and a Surcharge, if applicable.
- B. Basic User Charge.
 - 1. The Basic User Charge shall be based on water usage as recorded by water meters and/or sewage meters for wastes not exceeding the following normal concentrations:
 - a) A five-day, 20°C Biochemical Oxygen Demand (BOD) of 200 mg/l;
 - b) A Suspended Solids (SS) content of 250 mg/l; and

- c) Fats, Oil and Grease (FOG) content of 100 mg/l.
- C. A treatment service Surcharge shall be levied to all Users whose Wastewater exceeds the normal concentrations listed in division (B) of this section as determined by Wastewater sampling. A basic Surcharge will be computer based upon normal operating cost of the POTW as proportioned to the above constituents, based upon the design criteria of the POTW. Sewer Users whose Wastewater exceeds 250% of the limit of Pollutants indicated in division (B) of this section shall be subject to a 100% increase in the Surcharge for that Pollutant. Sewer Users whose Wastewater exceeds 500% of the limit of any Pollutants indicated in division (B) of this section shall be subject to a 200% increase in the Surcharge for that Pollutant.
- D. A Surcharge will be levied to all Users whose waters exceed the normal concentrations for BOD (200 mg/l) and SS (250 mg/l). The Surcharge will be based on water usage as recorded by water meters and/or sewage meters for all wastes which exceed the 200 mg/l and 250 mg/l concentration for BOD and SS, respectively.

13-19-2 Measurement of Flow

- A. The Flow used for computing Basic User Charges and Surcharges shall be the metered water consumption read to the lowest even increment of 1,000 gallons.
- B. If the person Discharging wastes into the public sewers procures any part, or all, of his or her water from sources other than the public waterworks system, all or a part of which is Discharged into the public sewers, the Person shall install and maintain, at his or her expense, water meters of a type approved by the Village for the purpose of determining the volume of water obtained from these other sources.
- C. Devices for measuring the volume of waste Discharged may be required by the Village if these volumes cannot otherwise be determined from the metered water consumption records.
- D. Metering devices for determining the volume of waste shall be installed and owned by the owner. The Village shall maintain the metering device. Following approval and installation, such meters may not be removed, unless service is canceled, without the consent of the Village.

13-19-3 Flow Measuring and Sampling Devices

Wastewater flow measuring and recording devices and Wastewater sampling devices may be required by the Village in order to accurately determine the volume and strength of industrial wastes. The devices, if required, shall be enclosed in suitable housing that will provide heat, light and power inside the structure with sufficient room for the flow measuring and sampling equipment. The Village shall have access to the equipment at all times and shall be responsible for the daily maintenance of the flow measuring and recording data and sampling of the industrial effluent. The Industrial User shall have access to all records obtained from the measuring and sampling devices.

13-19-4 Rate Calculations

The Village shall determine annually the cost of the Wastewater Service Charges in accordance with Section 13-3-16 for each 1,000 gallons of volume, five-day BOD, and Suspended Solids for normal concentrations of domestic wastes. The calculations shall be made available to any interested person.

- A. The rates or charges for service under this Ordinance shall be payable quarterly. The User of the service shall be liable to pay for the service to such premises, and the service is furnished to the premises by the Village only upon the condition that the User of the service is liable therefore to the Village. Bills for sewer service shall be sent out by the

Village Treasurer on the first day of the quarter succeeding the period for which the service is billed.

- B. All sewer bills are due and payable thirty (30) calendar days after issuance.

13-19-5 Bills Generally

- A. Rates or charges for service shall be payable monthly depending on the classification of service for which bills are rendered.
- B. The owner of the premises, the occupant thereof and the User of the service shall be jointly and severally liable to pay for the service to such premises and the service is furnished to the premises by the Village only upon the condition that the owner of the premises, occupant and user of the services are jointly and severally liable therefore to the Village.
- C. Bills for sewer service shall be sent out by the Village Treasurer monthly succeeding the period for which the service is billed.
- D. All sewer bills are due and payable 15 days after being sent out. A penalty of 10% shall be added to all bills not paid by the fifteenth day after they have been rendered.

13-19-6 Delinquent Bills

If the charges for such services are not paid within 30 days or 30 days hereinabove mentioned after the rendition of the bill for such services, such services may be discontinued by order of the Board of Trustees following a notice and hearing to be provided in substantially the same manner as set forth herein.

13-19-7 Lien- Notice of Delinquency

- A. Whenever a bill for sewer service remains unpaid for 45 days for monthly service, the Village Treasurer shall file with the County Recorder of Deeds a statement of lien claim. This statement shall contain the legal description of the premises served, the amount of the unpaid bill, and a notice that the Village claims a lien for this amount.
- B. If the User whose bill is unpaid is not the owner of the premises and the Village Treasurer has notice of this, notice shall be mailed to the owner of the premises if his or her address be known to the Treasurer, whenever such bill remains unpaid for the period of 45 days for a monthly bill.

13-19-8 Foreclosure of Lien

The Village Attorney is hereby authorized to institute proceedings to foreclose the lien for unpaid charges in any court having jurisdiction over such matters against any property for which the bill has remained unpaid 45 days.

13-19-9 Revenues

All revenues and moneys derived from the operation of the Wastewater system shall be deposited in the Wastewater Account of the Wastewater Fund. The Village Treasurer shall administer such fund as provided by law.

13-19-10 Accounts

- A. The Village Treasurer shall establish a proper system of accounts and shall keep proper books, records and accounts in which complete and correct entries shall be made of all transactions relative to the Wastewater system and, at regular annual intervals, he or she shall cause to be made an audit by an independent auditing concern of the books to show the receipts and disbursements of the Wastewater system.
- B. In addition to the customary operating statements, the annual audit report shall also reflect the revenues and operating expenses of the Wastewater facilities, including a replacement cost, to indicate that Sewer Service Charges under the waste recovery system do in fact meet these regulations. In this regard, the financial information to be shown in the audit report shall include the following:
 - 1. Flow data showing total gallons received at the Wastewater plant for the current fiscal year;
 - 2. Billing data to show total number of gallons billed;
 - 3. Number of Users connected to the system;
 - 4. Number of non-metered Users; and
 - 5. A list of Users Discharging non-domestic wastes (Industrial Users) and volume of waste Discharges.

13-19-11 Access to Records

The Illinois Environmental Protection Agency or its authorized representative shall have access to any books, documents, papers and records of the Village which are applicable to the Village system of User charges or industrial cost recovery, for the purpose of making audit, examination, excerpts and transcriptions thereof to insure compliance with the terms of the special and general conditions to any State Grant or loan.

SECTION 18: The Carol Stream Code of Ordinances, Chapter 13 is hereby amended by adding Article 20, "Miscellaneous Provisions" which shall read as follows:

ARTICLE 20: MISCELLANEOUS PROVISIONS

13-20-1 Severability

If any provision of this chapter is invalidated by any court of competent jurisdiction, the remaining provisions shall not be affected and shall continue in full force and effect.

13-20-2 Conflict

All other ordinances and parts of other ordinances inconsistent or conflicting with any part of this chapter are hereby repealed to the extent of such inconsistency or conflict.

13-20-3 Offenses Under Previous Ordinances

This Ordinance shall not be construed or held to repeal a former Ordinance, whether such former Ordinance is expressly repealed or not, as to any offense committed against such former Ordinance or as to any act done, any penalty, forfeiture or punishment so incurred, or any right accrued or claim arising under the former Ordinance, or in any way whatever to affect such offense or act so committed or so done, or any penalty, forfeiture or punishment so incurred or any right accrued or claim arising before the new Ordinance takes effect, save only that proceedings thereafter shall conform to the Ordinance in force

at the time of such proceeding, so far as practicable. Nothing contained in this Ordinance shall be construed as abating any action now pending.

SECTION 19: Pursuant to the requirements of the Federal Clean Water Act and regulations promulgated thereunder, the Illinois Environmental Protection Act of 1970, as amended, and in accordance with Illinois Municipal Code, Chapter 13, Articles 5 - 20, as set forth in Sections 1 through 18 of this Ordinance shall constitute and be known as Sewer Use and Pretreatment Ordinance of the Village of Carol Stream.

SECTION 20: Those sections, paragraphs and provisions of Chapter 13 of the Carol Stream Code of Ordinances which are not expressly amended or repealed by this Ordinance are hereby re-enacted, and it is expressly declared to be the intention of this Ordinance not to repeal or amend any portion of the Carol Stream Code of Ordinances other than those expressly amended or repealed in Section 1 of this Ordinance.

SECTION 21: The invalidity of any section or provision of this Ordinance hereby passed and approved shall not invalidate other sections or provisions thereof.

SECTION 22: This Ordinance shall be in full force and effect from and after its passage and approval by law.

PASSED AND APPROVED THIS _____ DAY OF _____, 2020.

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr., Mayor

Laura Czarnecki, Village Clerk

RESOLUTION NO. _____

A RESOLUTION APPROVING THE LOCAL LIMITS EVALUATION 2016

WHEREAS, the Village of Carol Stream operates a water reclamation center within the Village pursuant to a National Pollutant Discharge Elimination System Permit; and

WHEREAS, pursuant to the National Pollutant Discharge Elimination System Permit, the Village as a Permit Holder is required to evaluate local limits of pollutants received from sanitary discharge permittees at its water reclamation center; and

WHEREAS, in accordance with the National Pollutant Discharge Elimination System requirements, the Village retained the services of Baxter and Woodman, to conduct a Local Limits Evaluation; and

WHEREAS, the Local Limits Evaluation prepared by Baxter and Woodman was provided to the United States Environmental Protection Agency (EPA) for review and the EPA has approved the Local Limits Evaluation; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Board of Trustees of the Village of Carol Stream, DuPage County, Illinois, as follows:

SECTION 1: The Local Limits Evaluation 2016 attached hereto as Exhibit A is hereby approved and adopted.

SECTION 2: The Director of Public Works is hereby authorized to transmit a copy of this Resolution to the United States Environmental Protection Agency.

ADOPTED this ____ day of _____, 2020, pursuant to a role call vote of the Corporate Authorities of the Village of Carol Stream as follows:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ___ day of _____, 2020 by the Mayor of the
Village of Carol Stream.

Frank Saverino, Sr., Mayor

(SEAL)

ATTEST:

Laura Czarnecki, Village Clerk

Village of Carol Stream, Illinois

Local Limits Evaluation 2016



Prepared by:

BAXTER & WOODMAN
Consulting Engineers

www.baxterwoodman.com

September 2017

Updated June 2019

Village of Carol Stream, Illinois Local Limits Evaluation 2016

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LIST OF ABBREVIATIONS

- APHA - American Public Health Association
- AWWA - American Water Works Association
- BOD₅ - Biological oxygen demand
- BPJ - Best professional judgment
- CBOD₅ - Carbonaceous biological oxygen demand

LIST OF ABBREVIATIONS continued

Cr	-	Chromium
FOG	-	Fats, oils and greases
GUWQCC	-	General Use Water Quality Chemical Constituent
IU	-	Industrial user
MDL	-	Method detection limit
NH ₃	-	Ammonia nitrogen
NPDES	-	National Pollutant Discharge Elimination System
P	-	Phosphorus
POC	-	Pollutants of concern
POTW	-	Publicly owned treatment works
STP	-	Sewage Treatment Plant
TDS	-	Total dissolved solids
TSS	-	Total suspended solids
USEPA	-	United States Environmental Protection Agency
WEF	-	Water Environment Federation
WQS	-	Water Quality Standards
WRC	-	Water Reclamation Center
WWTP	-	Wastewater treatment plant

Abbreviations for Local Limit Determining Criteria

Acute WQS	-	Acute Water Quality Standard, IL Administrative Code Title 35, Subtitle C, Chapter 1, Section 302.208.
BPJ	-	Best Professional Judgment – WTP Design.
Chronic WQS	-	Chronic Water Quality Standard, IL Administrative Code Title 35, Subtitle C, Chapter 1, Section 302.208.
Digester Inhibition	-	USEPA Local Limit Guidance, 2004, Appendix G-3. Chapter 1, Section 307.1102.
General Pretreatment Regulations	-	40 CFR 403.5(b)(2).
Illinois indirect discharge standard	-	IL Administrative Code Title 35, Subtitle C,
GUWQCC	-	General Use Water Quality Chemical Constituent, IL Administrative Code Title 35, Subtitle C, Chapter 1, Section 302.208.
NPDES	-	National Pollutant Discharge Elimination System Permit criteria.
USEPA 503 Sludge	-	Sludge regulations 40 CFR 503, Table 1 (Ceiling) and Table 3 (Clean Sludge).

1. INTRODUCTION

A technical evaluation to establish local limits was conducted in 2016 for the Village of Carol Stream Water Reclamation Center (WRC). The WRC is regulated by National Pollutant Discharge Elimination System (NPDES) Permit Number IL0026352 and has a Design Average Flow of 6.5 MGD. The service area contains five federally regulated Categorical Industrial User at the present time. The purpose of the evaluation is to ensure that local limits are established that have a technical basis and are responsive enough to address any changing conditions in order to facilitate or maintain optimal operating condition flexibility. Influent concentrations of toxic pollutants must be minimized in order to:

- Protect worker health and safety;
- Prevent interference with the collection system and sewage treatment plant operations;
- Prevent pass-through of pollutants in the final effluent into the Klein Creek watershed; and
- Prevent impact of sludge disposal options.

New requirements for local limit evaluations were released by the USEPA in 2004; and these requirements were used as the basis of this evaluation. The EPA originally established the following 10 pollutants of concern (POC) for local limit evaluations: arsenic, cadmium, chromium, copper, cyanide, lead, mercury, nickel, silver and zinc. In the 2004 Local Limits guidance, molybdenum, selenium, biological oxygen demand (BOD), total suspended solids (TSS) and ammonia nitrogen were added to the POC list for evaluation. We also included as POCs in our evaluation: phosphorous, chloride, hexavalent chromium and manganese to identify the impact of non-residential dischargers in relationship to waste treatment plant requirements. The Illinois Environmental Protection Agency (IEPA) added a monthly phosphorous limit to the Carol Stream's NPDES permit during the previous permit cycle. Chloride was added because it is in the Illinois General Water Quality limits. Hexavalent chromium was included because it is the more toxic form of the metal and should be regulated to protect WRC processes if an industrial user (IU) is using this valence state. We also monitored for manganese because it is a pollutant of concern for sludge application rates in Illinois. While there is an application rate, there is not a specific limit; unlike the 503 regulation, so a calculation is not actually made in the formula.

Various potentially limiting environmental criteria were considered relative to the local limits evaluation. These criteria encompassed the NPDES standards, water quality standards, discharge levels that cause inhibition, upset or pass-through, and sludge standards. Additional criteria considered were worker health and safety issues, air emissions, domestic background levels, operational removal efficiencies and comparisons to categorical limits as well as other publicly owned treatment works (POTW) limits.

The USEPA Region V Local Limits Excel® Spreadsheet (released in September 1995) was used for evaluating local limits. The spreadsheet calculates maximum allowable headworks (plant) loadings and ensuing local limits. This spreadsheet was used and supplemented with information from the

USEPA Local Limits Development Guidance, July 2004, hereafter referred to as 2004 Local Limits Guidance.

A copy of the local limit calculation spreadsheet is included in this document in Appendix A along with the Village of Carol Stream's WRC process schematics with appropriate descriptions in Appendix B. A summary of the local limit recommendation tables can be found in Section 5. All data used, as well as standard or criteria references, can be found in other appendices. The list of Appendices can be found in the Table of Contents.

2. BACKGROUND

All dischargers will be controlled by use of the Village's Sewer Use and Pretreatment Ordinance. The Ordinance contains the established uniform standards for all dischargers of wastes from non-residential sources. Following are summarizations of the source of the data used in the local limits calculations.

2.1 Plant Flows

The WRC flows were identified from the NPDES Discharge Monitoring Reports for the timeframe of January 2014 to December 2016. The average plant influent flow was 5.3 MGD or 81.5% of the plant capacity during this timeframe. A summary of the flow information can be found in Appendix E.

2.2 Industrial Contributions

The Village has an approved industrial pretreatment program at the present time that permits five Categorical Industrial Users for discharge:

- American Flange
- Core Pipe
- FIC America
- Galaxy Circuits
- ITW Trans Tech

The Village also permits one other industry as a surcharge industry:

- Ashland Sausage

During the local limits evaluation the Village removed the following four industries from the pretreatment program because they were not a CIU, SIU or surcharge industry. However, since we had monitoring data for these industries, we used it for our local limits evaluation.

- Davies Molding
- Interstate Power Systems
- Prinova USA
- Temple-Inland

The assessment type used for the industrial contributions is technically defined as Uniform Concentration Using Only Industrial Contributory Flow in Section 5.5 of the USEPA Region V Local Limits Guidance. The contributory IU flows were determined by adding two components: the permitted industrial flow plus an additional base industrial (non-residential flow).

The additional base industrial flow was determined by analyzing the pollutant influent concentrations at the WRC. This additional base industrial flow was included to better allocate the pollutants and provide protection for those unregulated small firms in the service area that may contribute small amounts to the pollutant loadings. The additional base industrial flow is an extra safety factor and does not replace the ten percent (10%) safety factor that is required in the local

limits calculation spreadsheets. Although this additional base industrial flow was provided, we did not want to be overly restrictive and, thus, used a non-uniform approach which is consistent with the approach used for the “permitted” flow.

As stated above, the additional base industrial flow was obtained by assigning a flow for each parameter that was based on a correlation between the loading observed at the plant based on the influent pollutant concentrations and the average domestic concentration. The following additional base industrial flows for each pollutant were determined based on the following criteria:

- A base industrial of 10% of the WRC influent flow, or 0.53 MGD, was used for chloride and phosphorous.
- A base industrial flow of 3.5% of the WRC influent flow, or 0.265 MGD, was used for chromium, copper, cyanide, hexavalent chromium, and manganese.
- A base industrial flow of 1% of the WRC influent flow, or 0.053 MGD, was used for arsenic, cadmium, lead, mercury, molybdenum, nickel, selenium, silver and zinc.

While the Village’s basic concern is the additive effect of a large number of small unregulated users, the additional base industrial flow will provide the Village with a limit that need not be modified even if a firm with a significant pollutant loading moves into the service area that would be required to be classified as a permitted user. The industrial contribution data can be found in Appendix R.

2.3 Residential/Commercial Data

Site-specific monitoring data was used when available. Literature values were considered for the application of domestic/commercial strength wastewater but were determined to contain excessive levels of some pollutants. Based on improved method detection limits and knowledge of the Carol Stream service area, it was decided that a domestic sewage study would be conducted.

The 2004 Local Limits Guidance recommends that at least two sampling points be chosen within the collection system. In this study, three sampling locations in the plant service area containing predominantly domestic source wastes (non-industrial) were chosen by referencing sewer maps and cross-checking addresses to confirm that no industrial flow contributed to the sewer and sampling locations. The locations represented both new and older residential areas as well as a mix of commercial and residential properties so that the unregulated population was equitably represented. The sampling locations were (a map showing these locations can be found in Appendix H):

- Residential Post-2010: Northwest curve of Bennet Drive in Easton Park Subdivision;
- Residential Pre-2010: Outside east gate of WRC on walking path by bridge over Klein Creek; and
- Mixed Residential/Commercial: Southeast manhole next to Belt Press Building at WRC.

Three 24-hour composite samples were taken at each of the sampling locations for most parameters. A grab sample was taken, as required, for cyanide, hexavalent chromium, and fats, oils and greases (FOG) on each of the sampling days.

The analytical results of the samples that were below the reporting limit of the analyses were examined. Values below reporting limit but above the method detection limit (MDL) were used as extrapolated by the curve for the pollutant. Values below the MDL were then examined. If any of the data in a set for a pollutant was below the MDL, the MDL values were replaced at 50% of the MDL.

Next, the analytical results were screened to determine if the new residential or commercial/residential locations were consistent with the older residential discharge locations. The data indicates that the age of construction or service area was not correlated to wastewater pollutant loadings. Data from the three different locations were averaged to determine the background metals concentrations in the Village's wastewater independent of industrial loadings. This average concentration was entered into the Appendix A "Local Limits Spreadsheet" as the domestic/commercial concentration. All of the domestic data obtained may be found in Appendix G. Following is a summary of the data that was used in the local limits spreadsheet in Appendix A.

TABLE 1
Village of Carol Stream Domestic/Commercial Sewage Data

Pollutant	Average (mg/L)
Arsenic	0.00110
Cadmium	0.000198
Chromium	0.00108
Hexavalent Chromium	0.0069
Copper	0.0371
Cyanide	0.00250
Lead	0.000764
Manganese	0.0315
Mercury	0.000142
Molybdenum	0.00233
Nickel	0.00225
Selenium	0.000925
Silver	0.000202
Zinc	0.094
Chloride	135
Phosphorous	4.43
Ammonia Nitrogen	30.0
Fats, Oil And Grease	54.2
BOD ₅	240
COD	477
TSS	154

2.4 Stream Data

Stream data was obtained through sampling in Klein Creek over the course of six weeks in August and September 2016 immediately upstream of the WRC. Data was screened in the same general manner as described in subsection 2.3. The Klein Creek data is included in Appendix I.

The seven day once in ten year low flow (7Q10) of Klein Creek is 0 cfs as reported in the Village's NPDES Public Notice/Fact Sheet (see Appendix D).

2.5 Removal Efficiencies

2.5.1 Carol Stream WRC Removal Efficiencies: Influent to Effluent

Removals were calculated for targeted pollutants from the POC list using an evaluation of the influent and effluent levels over twelve sample events taken in August and September 2016. The USEPA recommends in the 2004 Local Limits Guidance that a minimum of 7-15 data points be used in the removal calculation.

The hydraulic retention time between the influent and effluent sampling points was accounted for in the sampling. An influent sample was paired with a lagged effluent sample to accurately reflect removal efficiency. By using hydraulic retention time paired samples, it was possible to calculate more precise removal rates on low level metal pollutant concentrations. This time lag is approximately 24 hours. Secondly, more precise instrumentation and methods now provide lower detection limits, which minimizes the use of data that has been calculated using extrapolations of the results below reportable quantities but above the minimum detection levels. This data better defines the level of the pollutants being received at, and discharged from, the treatment works. Data that was below the minimum detection level was included at one-half the method detection limit.

The results of the removal evaluation are listed below. The WRC's average removals were then compared to the median data reported in Appendix R-2 of the 2004 Local Limits Guidance. Consistent with the Guidance, if most data values were below the minimum level of quantification, removal rate data from other plants was considered. Since the USEPA Guidance document does not identify the types and sizes of sewage treatment plants used to obtain the removal efficiencies, these limits were used cautiously in comparison to other environmental criteria. Most of the removals used in the local limits calculations were mean removals of the actual WRC data. The WRC's influent and effluent data and subsequent removal calculations can be found in Appendix F.

The removal efficiency data was then entered into the local limit calculation spreadsheets in Appendix A (EPA Tables 1, 2, 5-9). However, literature values were used for all removals in Table 1 and Table 2 when evaluating Activated Sludge Inhibition and Nitrification Inhibition, respectively.

TABLE 2

Carol Stream WRC Removal Efficiencies: Influent to Effluent

Pollutant	Percent Removal (%)
Arsenic	59
Cadmium	64
Chromium	90
Hexavalent Chromium	81
Copper	71
Cyanide	69
Lead	80
Manganese	84
Mercury	44
Molybdenum	17
Nickel	35
Selenium	80
Silver	72
Zinc	46
Chloride	5
Phosphorous	28
Ammonia Nitrogen	99
Fats, Oil And Grease	96
BOD ₅	96
COD	88
TSS	99

2.5.2 Priority Pollutant Removal Efficiencies through Primary Treatment

Primary removal efficiencies used in Appendix A EPA Table 3 were from EPA literature values. The median value was the only data available and, therefore, was used. These removal efficiencies were found in Appendix R-1 of the 2004 Local Limits Guidance. (N/A refers to not available.)

TABLE 3

Priority Pollutant Removal Efficiencies Through Primary Treatment

Pollutant	Percent
Arsenic	N/A
Cadmium	15
Chromium	27
Chromium, Hexavalent	N/A
Copper	22
Cyanide	27
Lead	57
Mercury	10
Molybdenum	N/A
Nickel	14
Selenium	N/A
Silver	20
Zinc	27

2.5.3 Priority Pollutant Removal Efficiencies through Activated Sludge Treatment

Literature values for the secondary removal efficiencies were entered into Appendix A EPA Table 4 for Nitrification Inhibition Levels from Appendix R-2 of the 2004 Local Limits Guidance. The median value was used for removal efficiencies rather than a different second decile or the eighth decile removal rate specific to media evaluated since the spreadsheet places the same removal numbers into multiple tables. This approach maintains consistency throughout the spreadsheet and is more representative for all media types.

TABLE 4

Priority Pollutant Removal Efficiencies Through Activated Sludge Treatment

Pollutant	Percent
Arsenic	45
Cadmium	67
Chromium	82
Chromium, Hexavalent	N/A
Copper	86
Cyanide	69
Lead	61
Mercury	60
Molybdenum	N/A
Nickel	42
Selenium	50
Silver	75
Zinc	79

3. APPLICABLE ENVIRONMENTAL CRITERIA STANDARDS

As stated previously, there was a variety of environmental criteria used to evaluate the current local limits. Because the Village's WRC discharge is to a fairly small waterway in the State of Illinois, Acute and Chronic as well as General Use Water Quality Standards weighed heavily in the local limits evaluations. Each spreadsheet required standards or inhibition levels to be entered. Literature values of inhibition levels used were obtained in the 2004 Local Limit Guidance. The specific standards and inhibition criteria applicable to the table for the Village of Carol Stream follow below.

3.1 NPDES Daily or Weekly Effluent Limits (Appendix A EPA Table 1 calculations)

The values below were obtained from the NPDES permit (see Appendix C) effective October 1, 2015.

TABLE 5

Carol Stream WRC NPDES Daily & Weekly Limits

Pollutant	Daily Maximum (mg/L)	Weekly Average (mg/L)
CBOD ₅	20	---
TSS	24	---
NH ₃ - Apr to Oct	3.0	---
NH ₃ - Nov to Feb	8.0	---
NH ₃ - March	8.0	7.4
Copper*	0.0428	---

*Copper Daily Maximum is based on a copper translator study that has been submitted to IEPA.

3.2 NPDES Monthly Effluent Limits (Appendix A EPA Table 2 calculations)

The monthly effluent limits below were obtained from the NPDES permit (see Appendix C) effective October 1, 2015.

TABLE 6

Carol Stream WRC Monthly NPDES Limits

Pollutant	Monthly Average (mg/L)
CBOD ₅	10
TSS	12
NH ₃ – Apr to Oct	1.5
NH ₃ – Nov to Feb	3.9
NH ₃ – March	2.9
Copper*	0.0264
Zinc	0.068
Phosphorous**	1.0

*Copper Daily Maximum is based on a copper translator study that has been submitted to IEPA.

**Phosphorous is a monitoring limit only.

3.3 Activated Sludge Inhibition Levels (Appendix A EPA Table 3 calculations)

The data points entered for the Activated Sludge Inhibition Levels in Appendix A EPA Table 3 were obtained from EPA literature values. The reference is from Appendix G-1 of the 2004 Local Limit Guidance. The minimum reported inhibition threshold was used to evaluate the greatest protection to the WWTP.

TABLE 7

Activated Sludge Inhibition Threshold Levels

Pollutant	mg/L
Arsenic	0.1
Cadmium	1
Chromium	1
Chromium, Hexavalent	1
Copper	1
Cyanide	0.1
Lead	1
Mercury	0.1
Molybdenum	N/A
Nickel	1
Selenium	N/A
Silver	N/A
Zinc	0.3

3.4 Nitrification Inhibition Levels (Appendix A EPA Table 4 calculations)

Literature values were also used for the Nitrification Inhibition Levels (Appendix A EPA Table 4). These values were obtained from Appendix G-2, 2004 Local Limits Guidance. Median levels were used due to redundant treatment.

TABLE 8

Nitrification Inhibition Threshold Levels

Pollutant	mg/L
Arsenic	1.5
Cadmium	5.2
Chromium	1.075
Chromium, Hexavalent	5.5
Copper	0.265
Cyanide	0.42
Lead	0.5
Mercury	N/A
Molybdenum	N/A
Nickel	0.375
Selenium	N/A
Silver	N/A
Zinc	0.29

3.5 USEPA 503 Sludge Regulations (Appendix A EPA Table 5 calculations)

The Carol Stream WRC disposes of their sludge at a landfill because they do not have adequate space at their facility to store the sludge.

Since the sludge is not land applied the USEPA 503 Sludge Regulations do not apply, however the 503 sludge criteria was evaluated in the event Carol Stream decides to land apply in the future. The standards that apply to land application are expressed in mg/kg and regulate a ceiling concentration (daily maximum). These standards were issued in the 40 CFR 503.13 regulations, Table 1, and can also be found in Appendix E-1 of the 2004 Local Limits Guidance.

TABLE 9

Table 1 – 40 CFR 503.13 Ceiling Concentrations

Pollutant	mg/kg
Arsenic	75
Cadmium	85
Chromium, Hexavalent	N/A
Copper	4300
Cyanide	N/A
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
Selenium	100
Silver	N/A
Zinc	7500

3.6 USEPA 503 Sludge Criteria for Clean Sludge (Appendix A EPA Table 6 calculations)

As mentioned above, Carol Stream does not land apply their sludge, however the 503 sludge criteria was evaluated in the event Carol Stream decides to land apply in the future.

The standards normally input into Appendix A EPA Table 6 released by Region V USEPA are identified as state standards but they were not used because the State of Illinois standards are evaluated based on acceptable loading rates or pounds per acre, which do not work in this calculation and are evaluated separately in this document. The standards input into Appendix A EPA Table 6 were federal standards applicable for "clean sludge" issued in the Table 3, 40 CFR 503.13 regulations for land application. These are levels that should be strived for and are near the levels needed to meet the Illinois acceptable loading rates. A copy of the regulation that shows the values used below can be found in Appendix Q.

TABLE 10

Table 3 - 40 CFR 503.13 Clean Sludge Concentrations

Pollutant	mg/kg
Arsenic	41
Cadmium	39
Chromium, Hexavalent	N/A
Copper	1500
Cyanide	N/A
Lead	300
Mercury	17
Molybdenum	N/A
Nickel	420
Selenium	100
Silver	N/A
Zinc	2800

3.7 Chronic Water Quality Standards (Appendix A EPA Table 7 calculations)

The IEPA water quality standards (WQS) [Title 35, Subtitle C, Chapter I, Part 302.208] can be found in Appendix N. WQS may differ based on water hardness for some pollutants and these pollutants are indicated as being **bolded** below. The water hardness value used was 246 mg/L as reported in the Village's IEPA Water Quality Based Effluent Memo (see Appendix D). This hardness was used because the 7Q10 of Klein Creek is 0 cfs.

Although chronic water quality standards are normally expressed as dissolved metals, the total metal standard was used in the calculation so that the resulting Maximum Allowable Headworks Loading could be equitably compared in the analyses. This approach of converting dissolved metals to total metals is recommended on page 5-13 in the 2004 Local Limits Guidance. Those pollutants for which values were calculated using water hardness can be found in Appendix O. The values used in Appendix A EPA Table 7 are as follows.

TABLE 11

Chronic Water Quality Standards*

Pollutant	mg/L
Arsenic	0.19
Cadmium	0.0023
Chromium**	0.444
Chromium, Hexavalent	0.011
Copper	0.0255
Cyanide	0.0052
Lead	0.0631
Manganese	3.549
Mercury	0.0013
Molybdenum	N/A
Nickel	0.0107
Selenium	N/A
Silver	N/A
Zinc	0.068

* Chronic standards shall not be exceeded by the arithmetic average of at least four consecutive samples collected over any period of at least four days.

** Due to a lack of a standard for total chromium, the chronic standards for trivalent and hexavalent chromium were added together to obtain a pseudo total chromium standard.

3.8 Acute Water Quality Standards (Appendix A EPA Table 8 calculations)

As previously stated, WQS may differ based on water hardness for some pollutants which are **identified as being bolded** below. The water hardness value used was 246 mg/L. Although acute WQSs are normally expressed as dissolved metals, the total metal standard was used in the calculation so that the resulting Maximum Allowable Headworks Loading could be equitably compared in the analyses as recommended above. The values identified in the Illinois General Use Water Quality Standards can be found in Appendix N. Those pollutants for which values were calculated using water hardness can be found in Appendix O. The values used in Table 8 are as follows.

TABLE 12

Acute Water Quality Standards

Pollutant	mg/L
Arsenic	0.36
Cadmium	0.029
Chromium*	3.646
Chromium, Hexavalent	0.016
Copper	0.0414
Cyanide	0.022
Chloride**	500
Lead	0.301
Manganese	8.346
Mercury	0.0026
Nickel	0.177
Selenium**	1.0
Silver**	0.005
Zinc	0.262

* Due to a lack of a standard for total chromium (Cr), the acute standards for trivalent and hexavalent chromium were added together to obtain a pseudo total chromium standard.

** Parameters indicate General Use Water Quality Chemical Constituent (GUWQCC) standard rather than a defined acute standard. These standards shall not be exceeded except in water for which mixing is allowed. These standards were added to the acute table because the standard is more similar to an acute standard in evaluation method than a chronic standard.

3.9 Anaerobic Digester Inhibition Level (Appendix A EPA Table 9 calculations)

The WRC operates one digester train to which this criterion is applicable. The minimum literature inhibition values obtained from Appendix G-3 of the 2004 Local Limits Guidance were used for this evaluation. The Chromium inhibition level was calculated by adding the Trivalent and Hexavalent Chromium inhibition levels. The inhibition levels presented are for anaerobic digestion. The Carol Stream WRC employs aerobic digestion. Baxter & Woodman WWTP design staff indicated that aerobic and anaerobic digesters exhibit similar tolerance to toxicity. The anaerobic inhibition levels stated in the 2004 Local Limits Guidance have been used in the local limits calculations based on this similarity.

TABLE 13

Anaerobic Threshold Inhibition Levels

Pollutant	mg/L
Arsenic	1.6
Cadmium	20
Chromium	240
Chromium, Hexavalent	110
Copper	40
Cyanide	4
Iron	N/A
Lead	340
Mercury	N/A
Molybdenum	N/A
Nickel	10
Selenium	N/A
Silver	13
Zinc	400

4. LOCAL LIMITS EVALUATION

Each of the local limits was evaluated based on data calculated from the spreadsheets in Appendix A. As previously stated, General Use Chronic and General Use Acute Water Quality Chemical Constituent Standards had the largest impact in determining criteria for the local limit revisions. The local limits were checked against the current Village of Carol Stream Local Limits to evaluate the impact of the proposed change. Limits, once adopted, are legally enforceable values that when exceeded by an industrial user will result in a violation.

Following is a review of the individual criteria in the order that they occur in the Appendix A spreadsheet.

4.1 NPDES

The WRC is regulated for the carbonaceous biological oxygen demand (CBOD₅), TSS and ammonia (NH₃). These pollutants are all considered to be conventional, non-toxic pollutants. A comparison between the WRC capacity from the design criteria (see Appendix B) and the domestic/industrial contributions to the WRC determined there is no apparent potential to exceed treatment capacity. The Village is not establishing a local limit for conventional pollutants CBOD₅, TSS and NH₃.

The Village currently has a monthly monitoring requirement for phosphorous of 1.0 mg/l in their NPDES permit. The Village is unable to achieve this monitoring limit at this time but the limit does not take effect until 10-11 years dependent on the treatment option chosen. They are conducting studies to determine the sources of phosphorous in their influent and determine the feasibility of treatment improvements versus reducing the influent phosphorous loadings. So far, the Village has submitted a Phosphorous Discharge Optimization Plan to the IEPA in March 2017. At this time, the Village will not be establishing a local limit for phosphorous as they are still in the study periods for determining ways to reduce the phosphorous concentration in their effluent.

The NPDES permit also contains daily and monthly Copper and monthly Zinc discharge requirements. A Zinc translator study has shown that the monthly Zinc discharge requirement can be removed from the permit. The IEPA is currently reviewing this request. No toxic local limits were derived for Copper or Zinc based on the NPDES criteria.

4.2 Interference with Plant Operations

Interference levels for activated sludge (Appendix A EPA Table 3) operations was the determining factor for Arsenic and Chromium. Interference levels for nitrification sludge (Appendix A EPA Table 4) operations was not a determining factor for any of the local limit pollutants.

4.3 Federal 503 Sludge Regulations

The Appendix A EPA Table 5 Sludge Ceiling standards and EPA Table 6 Clean Sludge standards was the determining factor for Molybdenum, however the Village does not land apply their sludge at this time, therefore a local limit for Molybdenum will not be established at this time. If Carol Stream decides to begin land applying sludge in the future, they would not need to update their local limits because the sludge standards are not the governing criteria for the local limits.

4.4 Water Quality Standards

The decisive criteria for the majority of pollutants were the Illinois WQS, either chronic or acute/GUWQCC standards. The [2004 Local Limits Guidance](#) manual states that the most restrictive standard is to be used. The difference between chronic and acute standards is a function of number of samples taken. However, in most cases, the local limit will be based on the more stringent limit from the chronic standard calculations if the pollutant is toxic enough to be listed with both acute and chronic standards. The source of the most restrictive local limit and the affected pollutants are as follows:

- Chronic standards: Cadmium, Hexavalent Chromium, Copper, Cyanide, Lead, Nickel, Zinc and Mercury (see subsection 4.5)
- Acute/GUWQCC standards: Manganese, Selenium and Silver

Note that Silver contributions are more likely to occur in commercial facilities (for example, photofinishers, dental facilities, etc.) than by traditional industrial dischargers. Most commercial users recycle silver through the use of replaceable, recycled canisters. Normally, silver dischargers are regulated by Best Management Practices Plans if needed.

4.5 Illinois Administrative Code

Illinois has a Mercury discharge standard from non-residential sources discharging to POTWs that is contained in the Illinois Administrative Code, Title 35, Section 307.1102 (see Appendix M). This Mercury discharge standard is more stringent with a level of 0.0005 mg/L than the local limits determined from acute and chronic water quality criteria. Therefore, regardless of the calculated limits based on the spreadsheets, the Village will adopt this level as the local limit in its ordinance.

4.6 Illinois Sludge Criteria

As mentioned above, Carol Stream does not land apply their sludge because they do not have sludge storage facilities. Instead their sludge is hauled to a landfill. Carol Stream still samples and analyzes their sludge and when compared to the 503 sludge regulations, the sludge criteria are being met (see Appendix J).

4.7 Oil & Grease

Based on best professional judgment (BPJ), the Oil and Grease (O&G) local limit will be increased to 200 mg/L for all dischargers whether food service establishments (FSE), non-food service establishments (non-FSE), or industries discharging petroleum based products.

- A. **FSE:** Several studies/evaluations of FSEs completed in 2008 sponsored by the Water Environment Research Foundation identified that a routine O&G interceptor could not achieve the 100 mg/L limit based on the characteristics of this waste that is not petroleum based coupled with the design/installation of interceptor systems. The FSE limit will be raised to 200 mg/L.
- B. **Non-FSE:** Food manufacturers in the service area are as small as the FSEs and are using small grease interceptors that are appropriately sized based on the volume of their discharges. We therefore conclude that these food manufacturing firms are not any more capable of meeting the 100 mg/L limit than the FSE and that their local limit will be raised to 200 mg/L.

Larger food manufacturers are and can be required to have a larger grease interceptor, multiple interceptors or a pretreatment system, plus they use a variety of best management practices to limit the potential to slug load the system. Even at their size, at many times during the day, these firms are minimally discharging process wastewater, which results in sampling issues for the grab samples required for the O&G analyses. They likewise struggle to separate the O&G from their waste based on the characteristics of non-petroleum based O&G. It should also be noted that sanitary waste is combined with process wastewater at the end-of-pipe sampling locations that means the staff could be actually waiting for a toilet to flush before there is sufficient water to sample, which is not an accurate representation of the process waste. An evaluation of the service area, pump station and WRC indicates there is not an issue with O&G loadings. As a result of the service area evaluation and sampling issues, the local limit for all food manufacturers will be raised to 200 mg/L to be consistent with all users.

- C. **Industries Discharging Petroleum Based Products:** While the 100 mg/L limit was originally developed by USEPA for petroleum product users, those discharges were simply process discharges and were not evaluated containing domestic wastewater. Often the domestic and process wastewaters are discharged through the same sampling manhole. Once combined, the combined O&G (polar and non-polar) will not separate as well. Thus, it is unlikely that non-FSE or food manufacturing firms will meet a limit of 100 mg/l consistently.

There are also numerous industrial plants that have modified their plumbing fixtures to low flow devices. Simply, the data indicates the waste has become more concentrated and that extends to all parameters - even O&G and thus the firms may not meet the 100 mg/L O&G limit consistently. Again, the evaluation of the service area, including pump

stations and the WRC, indicates there is not an issue or increase of O&G loadings from these types of firms.

Thus, the O&G limit is being raised for these final groups of users so that the O&G limit is equitable for all users and industry. Thus, there will be one O&G local limit of 200 mg/L for the service area of the Village of Carol Stream.

5. RECOMMENDATION

5.1 Local Limits Recommendations

The following table summarizes the proposed local limit as stated in the narrative summary with the determining criteria.

TABLE 14
Carol Stream WRC Proposed Local Limits

Pollutant (mg/L)	Current Carol Stream WRC Local Limit	Proposed Carol Stream WRC Local Limit	Local Limit Determining Criteria
Arsenic	1.0	1.0	Activated Sludge Inhibition
BOD ₅	1,000	---	---
Cadmium	0.4	0.4	Chronic Water Quality Activated Sludge Inhibition
Chromium, Total	---	5.0	Chronic Water Quality
Chromium, Hexavalent	0.75	1.2	---
Chromium, Trivalent	1.0	---	Chronic Water Quality
Copper	2.5	1.1	Chronic Water Quality
Cyanide	0.2	0.3	Chronic Water Quality
Fats, Oil & Grease (petroleum source)	100	200	BPJ
(food service source)	100	200	BPJ
Lead	0.5	0.7	Chronic Water Quality
Mercury	0.0015	0.0005	Il. Adm. Code
Nickel	2.5	0.9	Chronic Water Quality
Silver	0.1	0.5	Acute Water Quality
TSS	1,250	---	---
Zinc	4.0	1.4	Chronic Water Quality General Pretreatment Regulations
pH (pH Units)	5.5 - 9.5	5.0-10.0	

**Village of Carol Stream
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TABLE 1											
Local Limits Determination Based on NPDES Daily Effluent Limits											
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING		INDUSTRIAL		
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Removal Efficiency (%) (Rpotw)	NPDES Daily Limit (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	59		0.00110	5.247	-	0.0481	-	-	10
Cadmium	0.0771	5.3	64		0.000198	5.223	-	0.0086	-	-	10
Chromium	0.2096	5.3	90		0.00108	5.090	-	0.0459	-	-	10
Hex. Chrom.	0.2096	5.3	81		0.0069	5.090	-	0.2929	-	-	10
Copper	0.2116	5.3	71	0.0428	0.0371	5.088	6.524	1.5744	4.2968	2.43	10
Cyanide	0.2096	5.3	71		0.00250	5.090	-	0.1061	-	-	10
Lead	0.0771	5.3	80		0.000764	5.223	-	0.0333	-	-	10
Manganese	0.1855	5.3	84		0.0315	5.115	-	1.3436	-	-	10
Mercury	0.0533	5.3	44		0.000142	5.247	-	0.0062	-	-	10
Molybdenum	0.0530	5.3	17		0.00233	5.247	-	0.1020	-	-	10
Nickel	0.0771	5.3	35		0.00225	5.223	-	0.0980	-	-	10
Selenium	0.0530	5.3	80		0.000925	5.247	-	0.0405	-	-	10
Silver	0.0771	5.3	72		0.000202	5.223	-	0.0088	-	-	10
Zinc	0.0771	5.3	46		0.094	5.223	-	4.0945	-	-	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.										
(Qpotw)	POTW's average influent flow in MGD.										
(Rpotw)	Removal efficiency across POTW as percent.										
(Ccrit)	NPDES daily maximum permit limit for a particular pollutant in mg/l after translator.										
(Qdom)	Domestic/commercial background flow in MGD.										
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.										
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).										
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).										
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.										
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.										
(SF)	Safety factor as a percent.										
8.34	Unit conversion factor										
Lhw =	$8.34 * Ccrit * Qpotw$										
	$1 - Rpotw$										
..											

**Village of Carol Stream
Local Limits Study
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TABLE 2											
Local Limits Determination Based on NPDES Monthly Effluent Limits											
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING		INDUSTRIAL		
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Removal Efficiency (%) (Rpotw)	NPDES Monthly Limit (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	59		0.00110	5.247		0.0481	-	-	10
Cadmium	0.0771	5.3	64		0.000198	5.223	-	0.0086	-	-	10
Chromium	0.2096	5.3	90		0.00108	5.090	-	0.0459	-	-	10
Hex. Chrom.	0.2096	5.3	81		0.0069	5.090	-	0.2929	-	-	10
Copper	0.2116	5.3	71	0.0264	0.0371	5.088	4.024	1.5744	2.05	1.16	10
Cyanide	0.2096	5.3	71		0.00250	5.090	-	0.1061	-	-	10
Lead	0.0771	5.3	80		0.000764	5.223	-	0.0333	-	-	10
Mercury	0.0533	5.3	44		0.000142	5.247	-	0.0062	-	-	10
Molybdenum	0.0530	5.3	17		0.00233	5.247	-	0.1020	-	-	10
Nickel	0.0771	5.3	35		0.00225	5.223	-	0.0980	-	-	10
Selenium	0.0530	5.3	80		0.000925	5.247	-	0.0405	-	-	10
Silver	0.0771	5.3	72		0.000202	5.223	-	0.0088	-	-	10
Zinc	0.0771	5.3	46	0.068	0.094	5.223	5.566	4.0945	0.92	1.42	10
Phosphorous	0.6108	5.3	28	1	4.43	4.689	61.392	173.2481	-118.00	-23.16	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.										
(Qpotw)	POTW's average influent flow in MGD.										
(Rpotw)	Removal efficiency across POTW as percent.										
(Ccrit)	NPDES monthly maximum permit limit for a particular pollutant in mg/l after translator, zinc limit removed, copper modified.										
(Qdom)	Domestic/commercial background flow in MGD.										
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.										
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).										
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).										
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.										
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.										
(SF)	Safety factor as a percent.										
8.34	Unit conversion factor										
Lhw =	$8.34 * Ccrit * Qpotw$										
	$1 - Rpotw$										
::											

**Village of Carol Stream
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Local Limits Determination Based on Activated Sludge Inhibition Level							TABLE	3				
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING		INDUSTRIAL			
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Removal Efficiency (%) (Rprim)	Activated Sludge Inhibition Level (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)	
Arsenic	0.0530	5.3		0.1	0.00110	5.247	4.420	0.0481	3.93	8.89	10	
Cadmium	0.0771	5.3	15	1	0.000198	5.223	52.002	0.0086	46.79	72.77	10	
Chromium	0.2096	5.3	27	1	0.00108	5.090	60.551	0.0459	54.45	31.15	10	
Hex. Chrom.	0.2096	5.3		1	0.0069	5.090	44.202	0.2929	39.49	22.59	10	
Copper	0.2116	5.3	22	1	0.0371	5.088	56.669	1.5744	49.43	28.01	10	
Cyanide	0.2096	5.3	27	0.1	0.00250	5.090	6.055	0.1061	5.34	3.06	10	
Lead	0.0771	5.3	57	1	0.000764	5.223	102.795	0.0333	92.48	143.83	10	
Mercury	0.0533	5.3	10	0.1	0.000142	5.247	4.911	0.0062	4.41	9.93	10	
Molybdenum	0.0530	5.3			0.00233	5.247	-	0.1020	-	-	10	
Nickel	0.0771	5.3	14	1	0.00225	5.223	51.398	0.0980	46.16	71.79	10	
Selenium	0.0530	5.3			0.000925	5.247	-	0.0405	-	-	10	
Silver	0.0771	5.3	20		0.000202	5.223	-	0.0088	-	-	10	
Zinc	0.0771	5.3	27	0.3	0.094	5.223	18.165	4.0945	12.25	19.06	10	
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.											
(Qpotw)	POTW's average influent flow in MGD.											
(Rprim)	Removal efficiency across across primary treatment as percent.											
(Ccrit)	Activated sludge threshold inhibition level, mg/l.											
(Qdom)	Domestic/commercial background flow in MGD.											
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.											
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).											
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).											
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.											
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.											
(SF)	Safety factor as a percent.											
8.34	Unit conversion factor											
Lhw =	$8.34 * Ccrit * Qpotw$											
	$1 - Rprim$											
::												

**Village of Carol Stream
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TABLE 4											
Local Limits Determination Based on Nitrification Inhibition Level											
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE						MAXIMUM LOADING			INDUSTRIAL		
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Removal Efficiency (%) (Rsec)	Nitrification Inhibition Level (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	45	1.5	0.00110	5.247	120.55	0.0481	108.4	245	10
Cadmium	0.0771	5.3	67	5.2	0.000198	5.223	696.52	0.0086	626.9	975	10
Chromium	0.2096	5.3	82	1.075	0.00108	5.090	263.98	0.0459	237.5	135.9	10
Hex. Chrom.	0.2096	5.3		5.5	0.0069	5.090	243.11	0.2929	218.5	125	10
Copper	0.2116	5.3	86	0.265	0.0371	5.088	83.67	1.5744	73.73	41.78	10
Cyanide	0.2096	5.3	69	0.42	0.00250	5.090	59.89	0.1061	53.79	30.77	10
Lead	0.0771	5.3	61	0.5	0.000764	5.223	56.67	0.0333	50.97	79.3	10
Mercury	0.0533	5.3	60		0.000142	5.247	-	0.0062	-	-	10
Molybdenum	0.0530	5.3			0.00233	5.247	-	0.1020	-	-	10
Nickel	0.0771	5.3	42	0.375	0.00225	5.223	28.58	0.0980	25.62	39.85	10
Selenium	0.0530	5.3	50		0.000925	5.247	-	0.0405	-	-	10
Silver	0.0771	5.3	75		0.000202	5.223	-	0.0088	-	-	10
Zinc	0.0771	5.3	79	0.29	0.094	5.223	61.04	4.0945	50.84	79.07	10
Chloride	0.5300	5.3	5	180	135	4.770	8375.12	5370.5430	2167	490	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.										
(Qpotw)	POTW's average influent flow in MGD.										
(Rsec)	Removal efficiency across primary treatment and secondary treatment as percent.										
(Ccrit)	Nitrification threshold inhibition level, mg/l.										
(Qdom)	Domestic/commercial background flow in MGD.										
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.										
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).										
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).										
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.										
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.										
(SF)	Safety factor as a percent.										
8.34	Unit conversion factor										
Lhw =	8.34 * Ccrit * Qpotw										
	1 - Rsec										
..											

**Village of Carol Stream
Local Limits Study
Limit Calculations**

TABLE 5													
Local Limits Determination Based on USEPA 503 Sludge Regulations													
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE													
							MAXIMUM LOADING			INDUSTRIAL			
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Sludge Flow (MGD) (Qsldg)	Percent Solids (%) (PS)	Removal Efficiency (%) (Rpotw)	503 Sludge Criteria (mg/kg) (Cslcrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	2.35	15.23	59	75	0.00110	5.2470	379.4400	0.05	341	772	10
Cadmium	0.0771	5.3	2.35	15.23	64	85	0.000198	5.2229	396.4357	0.01	357	555	10
Chromium	0.2096	5.3	2.35	15.23	90		0.00108	5.0904	-	0.05	-	-	10
Hex. Chrom.	0.2096	5.3	2.35	15.23	81		0.0069	5.0904	-	0.29	-	-	10
Copper	0.2116	5.3	2.35	15.23	71	4300	0.0371	5.0884	18077.7311	1.57	16268	9219	10
Cyanide	0.2096	5.3	2.35	15.23	71		0.00250	5.0904	-	0.11	-	-	10
Lead	0.0771	5.3	2.35	15.23	80	840	0.000764	5.2229	3134.1741	0.03	2821	4387	10
Mercury	0.0533	5.3	2.35	15.23	44	57	0.000142	5.2467	386.6838	0.01	348	783	10
Molybdenum	0.0530	5.3	2.35	15.23	17	75	0.00233	5.2470	1316.8799	0.10	1185	2681	10
Nickel	0.0771	5.3	2.35	15.23	35	420	0.00225	5.2229	3581.9132	0.10	3224	5013	10
Selenium	0.0530	5.3	2.35	15.23	80	100	0.000925	5.2470	373.1160	0.04	336	760	10
Silver	0.0771	5.3	2.35	15.23	72		0.000202	5.2229	-	0.01	-	-	10
Zinc	0.0771	5.3	2.35	15.23	46	7500	0.094	5.2229	48667.30	4.09	43796	68111	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.												
(Qpotw)	POTW's average influent flow in MGD.												
(Qsldg)	Sludge flow to disposal in MGD.												
(PS)	Percent solids of sludge to disposal.												
(Rpotw)	Removal efficiency across POTW as a percent.												
(Cslcrit)	503 sludge criteria in mg/kg dry sludge.												
(Qdom)	Domestic/commercial background flow in MGD.												
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.												
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).												
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).												
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.												
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.												
(SF)	Safety factor as a percent.												
8.34	Unit conversion factor												
Lhw =	$8.34 * Cslcrit * (PS/100) * Qsldg$												
	Rpotw												
::													

**Village of Carol Stream
Local Limits Study
Limit Calculations**

TABLE 6													
Local Limits Determination Based on 503 Clean Sludge Criteria													
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING			INDUSTRIAL			
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Sludge Flow (MGD) (Qslgd)	Percent Solids (%) (PS)	Removal Efficiency (%) (Rpotw)	State Sludge Criteria (mg/kg) (Cslcrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	2.35	15.23	59	41	0.00110	5.2470	207.4272	0.05	187	422	10
Cadmium	0.0771	5.3	2.35	15.23	64	39	0.000198	5.2229	181.8940	0.01	164	255	10
Chromium	0.2096	5.3	2.35	15.23	90		0.00108	5.0904	-	0.05	-	-	10
Hex. Chrom.	0.2096	5.3	2.35	15.23	81		0.0069	5.0904	-	0.29	-	-	10
Copper	0.2116	5.3	2.35	15.23	71	1500	0.0371	5.0884	6306.1853	1.57	5674	3215	10
Cyanide	0.2096	5.3	2.35	15.23	71		0.00250	5.0904	-	0.11	-	-	10
Lead	0.0771	5.3	2.35	15.23	80	300	0.000764	5.2229	1119.3479	0.03	1007	1567	10
Mercury	0.0533	5.3	2.35	15.23	44	17	0.000142	5.2467	115.3268	0.01	104	233	10
Molybdenum	0.0530	5.3	2.35	15.23	17		0.00233	5.2470	-	0.10	-	-	10
Nickel	0.0771	5.3	2.35	15.23	35	420	0.00225	5.2229	3581.9132	0.10	3224	5013	10
Selenium	0.0530	5.3	2.35	15.23	80	100	0.000925	5.2470	373.1160	0.04	336	760	10
Silver	0.0771	5.3	2.35	15.23	72		0.000202	5.2229	-	0.01	-	-	10
Zinc	0.0771	5.3	2.35	15.23	46	2800	0.094	5.2229	18169.13	4.09	16348	25424	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.												
(Qpotw)	POTW's average influent flow in MGD.												
(Qslgd)	Sludge flow to disposal in MGD.												
(PS)	Percent solids of sludge to disposal.												
(Rpotw)	Removal efficiency across POTW as a percent.												
(Cslcrit)	State sludge criteria in mg/kg dry sludge.												
(Qdom)	Domestic/commercial background flow in MGD.												
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.												
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).												
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).												
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.												
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.												
(SF)	Safety factor as a percent.												
8.34	Unit conversion factor												
Lhw =	8.34 * Cslcrit * (PS/100) * Qslgd												
::	Rpotw												

**Village of Carol Stream
Local Limits Study
Limit Calculations**

TABLE 7													
Local Limits Determination Based on Chronic Water Quality Standards													
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE										MAXIMUM LOADING		INDUSTRIAL	
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Upstream Flow (MGD) (Qstr)	Upstream Conc. (mg/l) (Cstr)	Removal Efficiency (%) (Rpotw)	Chronic WQS (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	0	0.00201	59	0.19	0.00110	5.2470	20.5	0.05	18.4	41.6	10
Cadmium	0.0771	5.3	0	0.000113	64	0.00230	0.000198	5.2229	0.3	0.01	0.25	0.38	10
Chromium	0.2096	5.3	0	0.00045	90	0.444	0.00108	5.0904	196.3	0.05	176.6	101.0	10
Hex. Chrom.	0.2096	5.3	0	0.0050	81	0.011	0.0069	5.0904	2.6	0.29	2.01	1.15	10
Copper	0.2116	5.3	0	0.00122	71	0.0255	0.0371	5.0884	3.9	1.57	1.92	1.09	10
Cyanide	0.2096	5.3	0	0.00281	71	0.0052	0.00250	5.0904	0.8	0.11	0.61	0.35	10
Lead	0.0771	5.3	0	0.000256	80	0.0631	0.000764	5.2229	13.9	0.03	12.52	19.47	10
Mercury	0.0533	5.3	0	0.0000391	44	0.0013	0.000142	5.2467	0.1	0.01	0.09	0.19	10
Molybdenum	0.0530	5.3	0	0.00365	17		0.00233	5.2470	-	0.10	-	-	10
Nickel	0.0771	5.3	0	0.00128	35	0.0107	0.00225	5.2229	0.7	0.10	0.56	0.87	10
Selenium	0.0530	5.3	0	0.00093	80		0.000925	5.2470	-	0.04	-	-	10
Silver	0.0771	5.3	0	0.000164	72		0.000202	5.2229	-	0.01	-	-	10
Zinc	0.0771	5.3	0	0.00243	46	0.0680	0.094	5.2229	5.6	4.09	0.92	1.42	10
Manganese	0.1855	5.3	0	0.0704	84	3.549	0.0315	5.1145	980.6	1.34	881	570	10
Chloride	0.5300	5.3	0	132			135	4.7700	-	5370.54	-	-	10
Sulfate	0.5300	5.3	0	0.00				4.7700	-	0.00	-	-	10
(Qstr)	Receiving stream (upstream) 7Q10 flow in MGD.												
(Cstr)	Receiving stream background level in mg/l.												
(Rpotw)	Removal efficiency across POTW as percent.												
(Ccrit)	State chronic water quality standard for a particular pollutant in mg/l.												
(Qdom)	Domestic/commercial background flow in MGD.												
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.												
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).												
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).												
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.												
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.												
(SF)	Safety factor as a percent.												
8.34	Unit conversion factor												
Lhw =	$8.34 * (Ccrit * (Qstr + Qpotw) - (Cstr * Qstr))$												
	$1 - Rpotw$												
::													

**Village of Carol Stream
Local Limits Study
Limit Calculations**

TABLE 8													
Local Limits Determination Based on Acute Water Quality Standards													
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING			INDUSTRIAL			
Pollutant	IU Pollut.	POTW	Upstream	Upstream	Removal	Acute	Domestic and	Commercial	Allowable	Domestic/	Allowable	Local	Safety
	Flow	Flow	Flow	Conc.	Efficiency	WQS	Conc.	Flow	Headworks	Commercial	Loading	Limit	Factor
	(MGD)	(MGD)	(MGD)	(mg/l)	(%)	(mg/l)	(mg/l)	(MGD)	(lbs/day)	(lbs/day)	(lbs/day)	(mg/l)	(%)
	(Qind)	(Qpotw)	(Qstr)	(Cstr)	(Rpotw)	(Ccrit)	(Cdom)	(Qdom)	(Lhw)	(Ldom)	(Lind)	(Cind)	(SF)
Arsenic	0.0530	5.3	0.0	0.00201	59	0.360	0.00110	5.2470	38.8	0.0481	34.9	78.9	10
Cadmium	0.0771	5.3	0.0	0.000113	64	0.0290	0.000198	5.2229	3.6	0.0086	3.20	4.97	10
Chromium	0.2096	5.3	0.0	0.00045	90	3.646	0.00108	5.0904	1611.6	0.0459	1450.4	829.7	10
Hex. Chrom.	0.2096	5.3	0.0	0.0050	81	0.016	0.0069	5.0904	3.7	0.2929	3.06	1.75	10
Copper	0.2116	5.3	0.0	0.00122	71	0.0414	0.0371	5.0884	6.3	1.5744	4.10	2.33	10
Cyanide	0.2096	5.3	0.0	0.00281	71	0.022	0.00250	5.0904	3.4	0.1061	2.91	1.67	10
Lead	0.0771	5.3	0.0	0.000256	80	0.301	0.000764	5.2229	66.5	0.0333	59.8	93.1	10
Mercury	0.0533	5.3	0.0	0.0000391	44	0.0026	0.000142	5.2467	0.2	0.0062	0.18	0.40	10
Molybdenum	0.0530	5.3	0.0	0.00365	17		0.00233	5.2470	-	0.1020	-	-	10
Nickel	0.0771	5.3	0.0	0.00128	35	0.177	0.00225	5.2229	12.0	0.0980	10.7	16.7	10
Selenium	0.0530	5.3	0.0	0.00093	80	1.0	0.000925	5.2470	221.0	0.0405	198.9	450	10
Silver	0.0771	5.3	0.0	0.000164	72	0.005	0.000202	5.2229	1	0.0088	0.70	1.09	10
Zinc	0.0771	5.3	0.0	0.00243	46	0.262	0.094	5.2229	21.4	4.0945	15.21	23.65	10
Manganese	0.1855	5.3	0.0	0.0704	84	8.346	0.0315	5.1145	2305.7	1.3436	2074	1340.5	10
Chloride	0.5300	5.3	0.0	132	5	500	135	4.7700	23264	5370.5	15567	3522	10
Sulfate	0.5300	5.3	0.0	0	0		0	4.7700	-	0.0	-	-	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.												
(Qpotw)	POTW's average influent flow in MGD.												
(Qstr)	Receiving stream (upstream) 1Q10 flow in MGD.												
(Cstr)	Receiving stream background level in mg/l.												
(Rpotw)	Removal efficiency across POTW as percent.												
(Ccrit)	State acute water quality standard for a particular pollutant in mg/l.												
(Qdom)	Domestic/commercial background flow in MGD.												
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.												
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).												
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).												
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.												
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.												
(SF)	Safety factor as a percent.												
8.34	Unit conversion factor												
Lhw =	$8.34 * (Ccrit * (Qstr + Qpotw) - (Cstr * Qstr))$												
	$1 - Rpotw$												
::													

**Village of Carol Stream
Local Limits Study
Limit Calculations**

TABLE 9 Local Limits Determination Based on Anaerobic Digester Inhibition Level												
ENVIRONMENTAL CRITERIA AND PROCESS DATA BASE							MAXIMUM LOADING			INDUSTRIAL		
Pollutant	IU Pollut. Flow (MGD) (Qind)	POTW Flow (MGD) (Qpotw)	Sludge Flow to Digester (MGD) (Qdig)	Removal Efficiency (%) (Rpotw)	Digester Inhibition Level (mg/l) (Ccrit)	Domestic and Conc. (mg/l) (Cdom)	Commercial Flow (MGD) (Qdom)	Allowable Headworks (lbs/day) (Lhw)	Domestic/ Commercial (lbs/day) (Ldom)	Allowable Loading (lbs/day) (Lind)	Local Limit (mg/l) (Cind)	Safety Factor (%) (SF)
Arsenic	0.0530	5.3	2.45	59	1.6	0.00110	5.247	55.4	0.0481	49.8	112.7	10
Cadmium	0.0771	5.3	2.45	64	20	0.000198	5.223	638.5	0.0086	574.7	893.7	10
Chromium	0.2096	5.3	2.45	90	240	0.00108	5.090	5448.8	0.0459	4904	2805	10
Hex. Chrom.	0.2096	5.3	2.45	81	110	0.0069	5.090	2774.9	0.2929	2497	1428	10
Copper	0.2116	5.3	2.45	71	40	0.0371	5.088	1151.2	1.5744	1034	586.2	10
Cyanide	0.2096	5.3	2.45	71	4	0.00250	5.090	115.1	0.1061	103.5	59.2	10
Lead	0.0771	5.3	2.45	80	340	0.000764	5.223	8684.0	0.0333	7816	12155	10
Mercury	0.0533	5.3	2.45	44		0.000142	5.247	-	0.0062	-	-	10
Molybdenum	0.0530	5.3	2.45	17		0.00233	5.247	-	0.1020	-	-	10
Nickel	0.0771	5.3	2.45	35	10	0.00225	5.223	583.8	0.0980	525.3	817.0	10
Selenium	0.0530	5.3	2.45	80		0.000925	5.247	-	0.0405	-	-	10
Silver	0.0771	5.3	2.45	72	13	0.000202	5.223	368.9	0.0088	332.0	516.4	10
Zinc	0.0771	5.3	2.45	46	87	0.094	5.223	3864.5	4.0945	3474	5402.6	10
(Qind)	Industrial User total plant discharge flow in Million Gallons per Day (MGD) that contains a particular pollutant.											
(Qpotw)	POTW's average influent flow in MGD.											
(Qdig)	Sludge flow to digester in MGD.											
(Rpotw)	Removal efficiency across POTW as percent.											
(Ccrit)	Anaerobic digester threshold inhibition level in mg/l.											
(Qdom)	Domestic/commercial background flow in MGD.											
(Cdom)	Domestic/commercial background concentration for a particular pollutant in mg/l.											
(Lhw)	Maximum allowable headworks pollutant loading to the POTW in pounds per day (lbs/day).											
(Ldom)	Domestic/commercial background loading to the POTW for a particular pollutant in pounds per day (lbs/day).											
(Lind)	Maximum allowable industrial loading to the POTW in pounds per day.											
(Cind)	Industrial allowable local limit for a given pollutant in mg/l.											
(SF)	Safety factor as a percent.											
8.34	Unit conversion factor											
Lhw =	8.34 * Ccrit * Qdig											
	Rpotw											

**Village of Carol Stream
Local Limits Study
Limit Calculations**

	IU Flow	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6	Table 7	Table 8	Table 9	Minimum Calculated Local Limit	Existing Local Limit	Proposed Local Limit
		NPDES Daily	NPDES Monthly	Activated Sludge Inhibition	Nitrification Sludge Inhibition	503 Sludge Ceiling Table 1	503 Clean Sludge Table 3	Chronic Water Quality	Acute Water Quality	Digester Inhibition			
Arsenic	0.0530	-	-	8.9	245.3	772.5	422.2	41.6	78.9	112.7	8.9	1.00	1.0
Cadmium	0.0771	-	-	72.8	974.9	554.9	254.6	0.4	5.0	893.7	0.4	0.40	0.4
Chromium	0.2096	-	-	31.1	135.9	-	-	101.0	829.7	2805.3	31.1		5.0
Hex. Chrom.	0.2096	-	-	22.6	125.0	-	-	1.2	1.7	1428.5	1.2	0.75	1.2
Copper	0.2116	2.43	1.16	28.0	41.8	9218.6	3215.2	1.1	2.33	586.2	1.1	2.50	1.1
Cyanide	0.2096	-	-	3.1	30.8	-	-	0.3	1.7	59.2	0.3	0.20	0.3
Lead	0.0771	-	-	143.8	79.3	4386.7	1566.7	19.5	93.1	12154.6	19.5	0.50	0.7
Mercury	0.0533	-	-	9.9	-	782.9	233.5	0.2	0.40	-	0.2	0.0015	0.0005
Molybdenum	0.0530	-	-	-	-	2681	-	-	-	-	2681		
Nickel	0.0771	-	-	71.8	39.8	5013.3	5013.3	0.9	16.7	817.0	0.9	2.50	0.9
Selenium	0.0530	-	-	-	-	759.6	759.6	-	450	-	450		
Silver	0.0771	-	-	-	-	-	-	-	1.1	516.4	1.1	0.10	0.5
Zinc	0.0771	-	1.42	19.1	79.1	68111.2	25424.2	1.4	23.6	5402.6	1.4	4.00	1.4
Chloride	0.5300				490				3522		490		
Manganese	0.1855								1340		1340		
Phosphorus	0.6108		-23								-23		

RESOLUTION NO. _____

**A RESOLUTION APPROVING AN ENFORCEMENT RESPONSE PLAN IN
RELATION TO THE VILLAGE'S SEWER USE AND PRETREATMENT
ORDINANCE**

WHEREAS, the Village of Carol Stream operates a wastewater treatment plant which constitutes a Publicly Owned Treatment Works as designated by the United States Environmental Protection Agency; and

WHEREAS, the United States Environmental Protect Agency requires that all Publicly Owned Treatment Works with a design flow greater than 5 MGD and receiving industrial users pollutants or who are otherwise subject to pretreatment standards to establish an Approved Pretreatment Program for Significant Industrial Users; and

WHEREAS, the Pretreatment Program requires that industrial users monitor the discharge of permit pollutants and report any violations to the Village; and

WHEREAS, the Village is required to report any discharge violations to industrial users and to establish enforcement procedures to address discharge permit violations; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Board of Trustees of the Village of Carol Stream, DuPage County, Illinois, as follows:

SECTION 1: The Enforcement response Plan attached hereto as Exhibit A is here by approved and adopted.

SECTION 2: The Director of Public Works, the Pretreatment Coordinator or their respective designees are authorized to take those actions as necessary

to address discharge permit violations as set forth in the Enforcement Response Plan.

SECTION 3: The Director of Public Works is hereby authorized to transmit a copy of this Resolution to the United States Environmental Protection Agency.

ADOPTED this ____ day of _____, 2020, pursuant to a role call vote of the Corporate Authorities of the Village of Carol Stream as follows:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ____ day of _____, 2020 by the Mayor of the Village of Carol Stream.

Frank Saverino, Sr., Mayor

(SEAL)

ATTEST:

Laura Czarnecki, Village Clerk

Village of Carol Stream, Illinois

Enforcement Response Plan



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Village of Carol Stream Enforcement Response Plan

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VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN
INTRODUCTION

This document is the Enforcement Response Plan (ERP) of the Village of Carol Stream to effectively enforce the terms and conditions of the Village's Sewer Use & Pretreatment Ordinance, codified as Chapter 13, Article 4, referred to collectively as Ordinance in this ERP, in conformance with the requirements found in 40 CFR 403.8(f)(5). The Village's Pretreatment Program was originally approved on September 3, 1985.

The ERP outlines how the Village will obtain and evaluate information on User compliance, and identify and respond to instances of User non-compliance with federal, state and local pretreatment regulations. The ERP establishes a framework in which the Village will assess the degree of non-compliance by a User and select an appropriate enforcement action to resolve non-compliance in a timely, fair and consistent manner. Although the ERP identifies a range of enforcement options over a variety of pretreatment violations, it was not intended to cover all types of violations. Types of appropriate enforcement responses are identified based on the nature of a violation considering the duration of the violation; the frequency of the violation; the potential impact of the violation to the Village employees and POTW works, the public and the environment; and the historical response of the User.

The ERP includes the type of escalating enforcement responses to be used by the Village, the time periods within which responses will take place and the officials responsible for each type of response. The ERP does not define a required action nor does it restrict the Village to only the options listed. If the nature of the violation requires it, the Village can pursue more severe penalties, including citations, revocation of Wastewater Discharge Permits and/or disconnection of service. Repeated violations, which are not eliminated by one level of response, may receive more severe penalties.

The Village has developed the ERP for guidance and it is not intended to create legal rights or obligations, or to limit the enforcement discretion of the Village.

I. CONTRACT OPERATIONS

The Village has hired a Contract Operator to run the Village's day-to-day Pretreatment Program. The Village's Ordinance defines the Pretreatment Coordinator as the Village's Director of Public Works. Since the Village has hired a Contract Operator, the Pretreatment Coordinator has designated the Contract Operator to serve as his designee for day-to-day operation of the Pretreatment Program

The Pretreatment Coordinator's responsibilities include:

- Review and approve all documents, permits, notices of violation, and letters issued to industrial users
- Sign all letters issued to industrial users
- Sign wastewater discharge permits
- Sign notice of violations
- Meet regularly with the Contract Operator for coordination
- Issue late fees and fines
- Attend pretreatment review meetings
- Issue compliance agreements, show cause orders, compliance orders, cease and desist orders, emergency suspensions and terminations of discharge

The Contract Operator responsibilities include:

- Run day-to-day Pretreatment Program
- Document contact with industrial users
- Conduct Industrial User survey and classification
- Prepare wastewater discharge permits
- Review submitted User reports and evaluate/verify compliance
- Schedule and coordinate Village sampling of Users
- Review results from Village sampling of Users for compliance
- Prepare notice of violations, obtain Pretreatment Coordinator signature, transmit to industry, review responses and recommend follow-up (if required)
- Prepare enforcement documentation as necessary
- Prepare and conduct pretreatment review meetings

- Operate and maintain report tracking to define and log when escalated enforcement should take place
- Maintain industrial user files in organized manner for three-year period (or an extended timeframe if monitoring waiver is awarded)
- Other duties as provided by contract.

II. COMPLIANCE INVESTIGATIONS

In order to assess the compliance of a Non-Residential User, the Village must first collect data to evaluate or screen for compliance. Central to these requirements, the Village finds and classifies, inspects and samples Non-Residential Users thus providing the ability to inform other Village staff as well as the Users of its findings, which will define what pretreatment standards and requirements are applicable. Following is a description of the methods used to investigate compliance.

A. Non-Residential User Inventory Data

When the Pretreatment Program was formally established in 1985, the Village conducted an initial survey to develop its Significant Industrial User (SIU) Master List as required by 40 CFR 403.8(f)(2)(i). Village staff reviewed the surveys and classified industrial users according to the manufacturing operation and composition of industrial wastes identified in their industrial wastewater discharge.

The Pretreatment Coordinator or designee maintains a Non-Residential User inventory annually as required by the Village's current NPDES Permit. The Village changed the format of their Non-Residential User inventory in 2017 and re-surveyed all existing industries and business park occupants. During this survey, the Non-Residential Users were classified as either SIU or non-SIU.

The Pretreatment Coordinator or designee will drive through the industrial and business park areas annually to determine if there are any new businesses. The Pretreatment Coordinator or designee will decide if an industrial user screening survey needs to be sent to the new business.

In addition to the annual drive through, the Pretreatment Coordinator and designee obtain a business listing from the Village administrative departments annually to confirm that all new businesses have been surveyed.

Upon receipt of the survey and any required additional information from site inspection classifications visits, the Pretreatment Coordinator or designee either classifies the User as

a SIU or non-SIU (including Non-Significant CIU). All SIUs are notified of applicable pretreatment standards and required to submit a wastewater discharge permit application that includes the character and volume of pollutants being discharged to the POTW. Notification of classification will be documented by sending a letter by Next Day Mail or Certified Mail – Return Receipt Requested. The Village will issue a wastewater discharge permit to all SIUs and Non-Significant CIUs. The Village’s SIU List is updated as additional SIUs are added or removed from the Pretreatment Program. These changes will be provided to EPA in the annual Pretreatment Program Report.

In the event that new pretreatment standards are promulgated, the Village will notify industrial users as advised by USEPA Region 5 and will be documented by sending a letter by Next Day Mail or Certified Mail – Return Receipt Requested.

B. Sampling and Inspections of Users

The SIUs perform their own sampling and analysis as outlined in their wastewater discharge permit. The minimum sampling frequency is twice a year; however the Village typically requires sampling more frequently consistent with the IU Monitoring Frequency & Enforcement Criteria Plan in Attachment I.

The Village samples each SIU once a year, at minimum. This sampling is done without notice to the industry in order to obtain a representative sample of their discharge. The Village will evaluate the SIU’s data quarterly to adjust sampling and analysis by either the Village and/or SIU consistent with the IU Monitoring Frequency & Enforcement Criteria Plan in Attachment I.

In addition, the Village is able to independently confirm occasional noncompliance at the SIU by having the ability to schedule additional sampling and analyses based on impacts identified at the POTW by Village staff or in the event that the SIU noticed operational difficulties, spill and/or slug load. These events will be documented by the Village on the POTW Unusual Event Form in Attachment II.

The SIU site inspections are conducted by the Pretreatment Coordinator or designee once a year. A site inspection form is completed during each inspection that identifies key elements that need to be audited and summarizes deficiencies that need to be addressed by the SIU. Additional information and site layouts are added to the site inspection documentation as needed. The Pretreatment Coordinator or designee completes the site inspection form, signs the documents, and sends a copy to the industry. A copy of the site inspection report form is included as Attachment II. The Village uses the long site inspection form for their annual site inspections.

The Pretreatment Coordinator or designee will evaluate all identified Non-Significant CIUs annually to verify they continue to meet the non-Significant CIU criteria in 40 CFR 403.3(v)(2). The evaluation will include conducting a site inspection and reviewing the annual certification submitted by the non-Significant CIU.

In addition to routine sampling, monitoring and site inspections, the Pretreatment Coordinator or designee may conduct additional non-routine investigations in response to violations, technical problems or support for permit modification. The short site inspection form in Attachment II is used for these investigations. If access is denied or the investigation is specialized, a warrant may need to be obtained. In this type of case, the Village will consult its Village Attorney to seek assistance.

III. COMPLIANCE SCREENING / REVIEW

A. General Compliance Screening of IU Records and Submitted Reports

1. Records in General

There are IU specific records that are maintained in each IU file that are the result of the classification and discharge permit process. These records may be referred to in the review of reports and data. These records include (* issued by Village):

- Classification documentation *
- Permit *
- Original and modified application and fact sheet, to include diagrams made with the submittal or a page directing a person to where diagrams are located
- Signatory authorizations and certification statements and
- Other plans, e.g., Toxic Organic Management Plan (TOMP), Solvent Management Plan, Best Management Practices Plan (BMP Plan), and Dental Office Compliance Reports.

2. Reports in General

The Pretreatment Coordinator or designee will review and screen reports and data for incidents of non-compliance with applicable standards and requirements within 45 calendar days of due date. Screening will occur for:

- Baseline Monitoring Reports,
- 90-Day Compliance Reports,
- Spill Prevention/Slug Control Plans,
- All SIU Self-Monitoring Reports,
- All reports required by the SIU's wastewater discharge permit,
- All instances of non-compliance for failure to report,
- Responses of Non-Compliance,
- Accidental Discharge, Slug Load and Operational Difficulties Report, and/or
- Special investigations conducted as a result of an impact to the POTW works.

The report screening process will verify that the reports are submitted on schedule, cover the proper time period, include all information required, and are properly signed and certified where appropriate. In addition, all reports will be screened to determine if the SIU made a claim of confidential business information. The procedure for this evaluation is found in Attachment III.

The 40 CFR 403.8(f)(2)(vi) regulation requires the Village to evaluate all SIUs whether a Spill Prevention/Slug Control Plan to the Village within one year of being designated a SIU. All existing SIUs were required to develop and maintain a Spill Prevention/Slug Control Plan. Every two years the Village will evaluate whether an update is needed. New SIUs are required to submit an evaluation and plan within 90 days of issuance of a new wastewater discharge permit.

The 40 CFR 403.12(e) regulation requires Semi-Annual Self-Monitoring reports to be submitted in the months June and December; however, this regulation also allows the control authority to modify these deadlines. The Village has updated their Ordinance (Section 13-10-3.B.1) to require the SIU's Semi-Annual Self-Monitoring Report to be submitted in the months of July and January that is also reflected in their wastewater discharge permit.

All reports are stamped and initialed when they are received and reviewed.

3. Record Retention and Confidential Business Claims

All IU records are maintained for a minimum of three years in accordance with 40 CFR 403.12 (o)(3) and the Village Ordinance. Some one time records/reports such as BMR and 90-Day Compliance Reports may be maintained for longer periods as appropriate. Record retention shall be extended during the course of any unresolved litigation regarding the IU or Village or when requested by the Director or the Regional EPA Administrator.

In addition, all reports will be screened to determine if the SIU made a claim of confidential business information. The procedure for this evaluation and record retention is found in Attachment III.

4. Reports with Data

Reports containing sampling and analysis require confirmation of the use of procedures outlined in 40 CFR 136 and Sections 13-6-8 and 13-6-9 of the Sewer Use Ordinance. The analyses screening process will be conducted by the Pretreatment Coordinator or designee to confirm that following items are complete and correct:

- Sampling procedure custody, sampling interval, sample type;
- Bottle handling custody, bottle type, preservation technique;
- Parameters reported;
- Number of analyses, method of analyses;
- Compliance with standard; and
- Whether SIU noticed Village within 24 hours of receipt of violation from their laboratory.

The following USEPA memos are included in Attachment IV to be used as a guidance resource for compliance determination. These memos are being provided as a resource in the event that they do:

- January 21, 1992 and April, 12, 1993 – Determining Industrial User Noncompliance Using Split Samples
- October 1, 1992 – Use of Grab Samples to Detect Violations of Pretreatment Standards
- May 13, 1993 – Compliance with Continuous Monitoring

B. General Compliance Screening of Village SIU Inspection and Sampling Data

1. Village Inspection Reports

The Pretreatment Coordinator or designee will review all SIU inspection reports within 45 calendar days of inspection to determine if enforcement actions are needed.

2. Village Sampling

Within 24 hours of receipt from the Village's contract laboratory, the Village will be review the data and notify the SIU of any violations.

IV. ENFORCEMENT EVALUATION

A. Enforcement Actions by Pretreatment Coordinator and/or Designee

Once a violation has been identified, the Enforcement Response Guide (see Attachment V) will be consulted for enforcement options based on the violation's impact (magnitude and duration) on the receiving waters and environment, the violation's impact on the POTW staff and works, the compliance history, previous enforcement actions taken, and the good faith of the User. All of the enforcement actions designated in the matrix are considered appropriate but the Pretreatment Coordinator or designee will weigh each of the above factors in deciding whether to use a more or less stringent response.

Formal enforcement, including the issuance of Notices of violation (NOV), for violations reported to the Village by the User will be initiated within a 30-calendar day period from the receipt of all of the analyses from the sampling period. The exception to this procedure is when a Categorical Industrial User (CIU) is sampled multiple periods within the same month and has monthly standards. In this case, the formal enforcement for the monthly violations will be initiated within a 30-calendar day period from the receipt of all of the analyses in the month. The violations from the individual sampling events may be issued separately or held and issued with the monthly violations dependent on the specific circumstances of the sampling dates and violations.

Formal enforcement for violations from Self-Monitoring Reports or other non-data reports will be initiated within a 60-calendar day period from the receipt of said report.

Notifying to the User by telephone and/or email is considered non-formal enforcement actions.

B. Significant Non-Compliance Assessment

The Pretreatment Coordinator or designee will evaluate the compliance status of each SIU on a quarterly basis. The enforcement tracking spreadsheet template is provided in Attachment VI. The evaluation will determine if the violations meet the definition of Significant Non-Compliance found in Chapter 13, Article 12 of the Sewer Use Ordinance

for the most recent rolling six (6) month period ending on the calendar quarter. Screening will be completed normally within 30 calendar days of the summarization of all the SIU data from the period assessed but no later than 60 calendar days. The Pretreatment Coordinator or designee will decide within 30 calendar days, but no later than 60 calendar days of receipt of the screening results if further enforcement action other than annual publication should take place based on the circumstances of the non-compliance and the provisions found in the Enforcement Response Guide (see Attachment V).

The following USEPA memos are included in Attachment VII to be used as a guidance resource for calculating SNC:

- September 9, 1991 – Application and Use of the Regulatory Definition of Significant Noncompliance for Industrial Users
- January 17, 1992 – Determining Industrial User Significant Noncompliance, One Page Summary

C. Escalated Sampling Due to Continued Non-Compliance

If violations continue, the Pretreatment Coordinator or designee may escalate the sampling frequency as outlined in Attachment I – IU Monitoring Frequency & Enforcement Criteria Plan. The increased sampling frequency will be dependent on the magnitude of the violations. Monitoring decreases will occur in conjunction with renewed compliance. The decrease in sampling is dependent on the modifications made and a demonstration that the ‘fix’ results in routine compliance that is sustainable.

D. Escalated Enforcement Actions

Escalated enforcement including those actions needing the Village Attorney will proceed if the issue is not resolved in an appropriate timeframe. Violations recurring with impact or harm are likely those that will trigger this escalated enforcement action.

All enforcement responses which require action by the Village Attorney will be recommended by the Pretreatment Coordinator or designee within the time periods indicated in Attachment V. However, these deadlines will not prevent the Village from proceeding with the enforcement actions.

V. TYPES OF ENFORCEMENT RESPONSES

Users found in non-compliance with any of the terms or conditions of the Ordinance are subject to enforcement under this ERP. The Pretreatment Coordinator or designee issues enforcement documents. The following types of enforcement responses are available to the Village in response to incidences of non-compliance within the Village's Sewer Use Ordinance.

A. Informal Notification

For Village sampling of the User, a telephone or email notification is used to inform the User of a violation, so that voluntary actions by the User can resolve the situation preventing more serious violations. The informal notification will be made by the Pretreatment Coordinator or designee within 24 working hours of receipt of the data from the laboratory.

B. Notice of Violation (NOV) – Ordinance Section 13-14-1

A NOV is a written notification that may be sent via Next Day Mail or Certified Mail - Return Receipt Requested, which is directed to an authorized agent of a User found to be in non-compliance of the conditions of the Ordinance or the User's Wastewater Discharge Permit. The NOV advises the User of the nature of the non-compliance, requires the User to investigate the incident and take measures to correct the non-compliance and to respond to the NOV within 20 working days of receipt of the NOV. The NOV should be issued by the Pretreatment Coordinator normally within 30 calendar days of discovery of the non-compliance but no later than 60 calendar days. Note that all NOVs for a sampling period are issued at the same time to prevent response due date confusion from multiple NOV dates covering the same period. The NOV template is provided in Attachment VIII.

C. Pretreatment Review Meeting – Ordinance Section 13-10-1.A

A pretreatment review meeting is a formal meeting attended by the Pretreatment Coordinator and/or designee with an authorized agent of the User. It will occur when a violation (NOV #1) occurs for a specific parameter that has not been exceeded in more

than 365 days. Pretreatment review meetings will be required for an NOV #1 for a specific parameter whether daily or monthly violations. A pretreatment review meeting may also be required when a User is found to be in continued non-compliance with the conditions of the Ordinance such as failing to respond to multiple violation notices, reporting requirements or failure to file follow-up material for a site inspection.

The meeting will be used to advise the User of its non-compliance, establish a timetable required to correct the non-compliance, and identify the next step of enforcement if non-compliance continues. The meeting should be held normally within 30 calendar days of the Village determination that a meeting is required but no later than 60 calendar days. The notice for the meeting as the result of a NOV #1 is normally issued with the NOV, but issuance may also be held until the violation response is received from the User. In the latter case, the notice will be issued within 30 calendar days of the receipt of the violation response. The User may be notified of the meeting by telephone, letter or certified mail.

D. Late Fees – Ordinance Section 13-16-1

The Pretreatment Coordinator may issue late fees for violations consistent with Section 13-16-1 (see Attachment XII) and the Enforcement Response Guide (see Attachment IV).

E. Compliance Agreement (C.A.) – Ordinance Section 13-14-2

A C.A. is a written agreement between the Village and User who has violated, or continues to violate, any provision of the Ordinance, Wastewater Discharge Permit or order issued to the User. The C.A. includes timeframes agreed to by both parties within which the User will come into compliance, and may include penalties that will be incurred by the User for failure to meet compliance commitment dates. The written C.A. may be a stand-alone document or become part of the User's Wastewater Discharge Permit. In no case where a categorical compliance date exists that has passed, will the C.A. become part of the User's Wastewater Discharge Permit. The written C.A. shall normally be documented within 30 calendar days of the Agreement but no later than 60 calendar days. Normally a

C.A. would not be issued for those schedules established that are less than 90 calendar days in length.

F. Show Cause Order –Ordinance Section 13-14-3

A Show Cause Order is a written notification, served personally, by Next Day Mail or Certified Mail - Return Receipt Requested at least 10 working days prior to the Show Cause Hearing. The Order shall require attendance at a Show Cause Hearing before representatives of the Village by an authorized agent of a User that has violated, or continues to violate, any provision of the Ordinance, Wastewater Discharge Permit, or Order issued to the User. The User is offered the opportunity to show cause why the proposed enforcement action should not be taken. The Notice, issued by the Pretreatment Coordinator, shall specify the time and place for the hearing, the proposed enforcement action, the reasons for such action and a request that the User show cause why the proposed enforcement action should not be taken. The Show Cause Order shall normally be issued within 30 calendar days of the Village determination that a Show Cause Hearing is necessary but no later than 60 calendar days.

USEPA's Show Cause Order template is provided in Attachment IX.

G. Compliance Order (C.O.) – Ordinance Section 13-14-4

A C.O. is a written notification, sent via Next Day Mail or Certified Mail - Return Receipt Requested that is directed to an authorized agent of a User that has violated, or continues to violate, any provision of the Ordinance, Wastewater Discharge Permit, or Order issued to the User. The C.O., issued by the Pretreatment Coordinator, shall direct the non-compliant User to come into compliance within a specified time. The C.O. shall be issued normally within 30 calendar days of the Village determination that a C.O. is necessary but no later than 60 calendar days. A C.O. may be issued as a result of a Compliance Meeting and include a schedule with milestone activities and dates. Normally a C.O. would not be issued for those schedules established that are less than 90 calendar days in length.

USEPA's Compliance Order template is provided in Attachment X.

H. Cease and Desist Orders – Ordinance Section 13-14-5

A Cease and Desist Order is a written notification, sent via Next Day Mail or Certified Mail - Return Receipt Requested that is issued when a User violated or continues to violate any provision of the Ordinance, Wastewater Discharge Permit or Order issued to the User. When issued, the Pretreatment Coordinator may require the User to cease and desist discharge.

USEPA's Cease and Desist Order template is provided in Attachment XI.

I. Emergency Suspensions – Ordinance Section 13-14-6

The Pretreatment Coordinator may immediately suspend a User's discharge, after Informal or Formal Notice to the User, whenever such suspension is necessary to stop an actual or threatened discharge, which reasonably appears to present or cause an imminent or substantial endangerment to the health or welfare of persons. The Pretreatment Coordinator may also immediately suspend a User's Wastewater Discharge Permit, after notice and opportunity to respond, that threatens to interfere with the operation of the POTW, or which presents, or may present, an endangerment to the environment.

J. Injunctive Relief – Ordinance Section 13-15-2

Any activity or conduct of a User, who has violated or continues to violate any provision of the Ordinance, Wastewater Discharge Permit, or prior Order, may be referred to the Village Attorney for court proceedings. The Pretreatment Coordinator will make a recommendation to refer the User activity to the Village Attorney. The User may be subject to civil actions under Ordinance Section 13-15-3.

K. Termination of Discharge – Ordinance Section 13-14-7

The Pretreatment Coordinator may terminate the discharge of a User if they violate one of the following conditions:

- Violation of Wastewater Discharge Permit conditions;
- Failure to accurately report the wastewater constituents and characteristics of its discharge;

- Failure to report substantial changes in operations or wastewater volume, constituents, and characteristics prior to discharge;
- Refusal of reasonable access to the User's premises for the purpose of inspection, monitoring, or sampling; or
- Violation of the Pretreatment Standards in the Ordinance.

The User will be notified by Next Day Mail or Certified Mail – Return Receipt Requested regarding the termination date. The User may be offered the opportunity to present their case at a Show Cause Hearing (Ordinance Section 13-14-3).

L. Criminal Prosecution

In the event that the Village believes there is a potential case for criminal prosecution, it will request assistance from the IEPA and USEPA Criminal Investigation Division for potential action. The State of Illinois does not provide for criminal prosecution by municipalities.

VI. PUBLICATION OF USERS IN SIGNIFICANT NON-COMPLIANCE

The Pretreatment Coordinator or designee will prepare a list of SIUs that are in significant non-compliance for the Village. The Village will annually publish in a newspaper of general circulation that provides meaningful public notice within the jurisdiction served by the POTW, a list of Users which, during the previous twelve (12) months, were in Significant Noncompliance with applicable Pretreatment Standards and Requirements. The term Significant Noncompliance shall be applicable to all Significant Industrial Users and Categorical Industrial Users (or any other User that violates paragraphs (C), (D) or (H) of this Section and shall mean:

The term significant noncompliance shall mean:

- A. Chronic violations of Wastewater Discharge limits, defined here as those in which sixty-six percent (66 percent) or more of all the measurements taken for the same Pollutant parameter during a six-(6-) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement including instantaneous limits as Defined in Chapter 13, Article 5;
- B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33 percent) or more of Wastewater measurements taken for each Pollutant parameter during a six-(6-) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, as defined by Article 5 multiplied by the applicable criteria (1.4 for BOD, TSS, fats, Oils and Grease, and 1.2 for all other Pollutants except pH);
- C. Any other violation of a Pretreatment Standard or Requirement as defined by Article 5 (Daily Maximum, long-term average, Instantaneous Limit, or narrative Standard) that the Pretreatment Coordinator has determined caused, alone or in combination with other Discharges, Interference or Pass Through, including endangering the health of POTW personnel or the general public;
- D. Any Discharge of Pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the Pretreatment Coordinator exercise of its emergency authority to halt or prevent such a Discharge;
- E. Failure to meet, within 90 days of the scheduled date, a compliance schedule milestone contained in an individual or general Wastewater Discharge Permit or enforcement order for starting construction, completing construction, or attaining final compliance;
- F. Failure to provide within 45 calendar days after the due date, any required reports, including baseline monitoring reports, reports on compliance with Categorical Pretreatment Standard deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;

- G. Failure to accurately report noncompliance; or
- H. Any other violation(s), which may include a violation of Best Management Practices, that the Pretreatment Coordinator determines will adversely affect the operation or implementation of the local Pretreatment program.

VII. APPEAL

Users found in non-compliance may, in the case of dispute as to the fairness of orders issued herein, seek an appeal. The User must notify the Village within 30 calendar days of receipt of said order of their intention to appeal and type of appeal desired. In no case shall a matter be appealed that presents or threatens an imminent or substantial danger to the health, safety, and welfare of the public, Village employees, POTW works and environment. The following types of appeal are available to the User:

A. Appeal to the Village Board

The appeal shall be determined by the Village Board. The Village Board or its designee shall at their convenience but not more than 45 calendar days from receipt of appeal notification schedule a 30-minute period during a regularly scheduled Board meeting or hold a special meeting to hear the User's appeal and an additional 30-minute period to allow the Pretreatment Coordinator and/or other Village staff or designee an opportunity to rebut statements made by the User. A decision of the Village Board shall then be binding to both parties.

B. Appeal to the DuPage County Circuit Court

The appeal shall be determined by a judge appointed by the DuPage County Circuit Court. The User shall petition the Court within 30 calendar days of appeal notification to appoint a judge. The cost of the services of the DuPage County Circuit Court shall be shared equally by both parties or the User.

The Village shall provide written notification to USEPA, Region 5, 77 West Jackson Blvd., Chicago, Illinois 60604, Attention NPDES Programs Branch and to Deputy Counsel for the Division of Water Pollution Control, IEPA, 1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 within five days of receiving notice that any Industrial User of its sewage treatment plant is appealing to the Circuit Court any condition imposed by the Village in any permit issued by the Village. A copy of the Industrial User's appeal and all other pleading filed by all parties shall be mailed to the Deputy Counsel within five days of the pleadings being filed in Circuit Court.

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

ATTACHMENT I

IU MONITORING FREQUENCY & ENFORCEMENT CRITERIA



VILLAGE OF CAROL STREAM

IU MONITORING FREQUENCY & ENFORCEMENT CRITERIA

PROGRAM REQUIREMENT: USEPA requires all Publicly Owned Treatment Works (POTW) with a design flow greater than 5 MGD and receiving from Industrial Users pollutants which Pass Through or Interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards to establish an Approved USEPA Pretreatment Program for Significant Industrial Users (SIU) by federal regulation in the General Pretreatment Regulations - 40 CFR 403.8 (a). The regulations require POTW Pretreatment Programs to issue a wastewater discharge permit to the SIU that include both Federal and local limits. The Federal limits include prohibitive discharge limitations and if applicable unique regulations promulgated for 57 categories and approximately 450 subcategories of industries that can discharge toxic pollutants to a POTW that could cause Interference and Pass Through to its operations.

The Village of Carol Stream is required to operate an approved Industrial Waste Program by its NPDES Permit issued by IEPA with review and concurrence of USEPA for the Wastewater Treatment Plant (WWTP) in the Special Condition 10 (2015 permit). The program was first approved by USEPA Region V (the approval authority in Illinois) on September 3, 1985. The Village also operates a surcharge program as required by USEPA/IEPA as the Village accepted Federal grants under the Clean Water Act to build/update its Water Reclamation Center (WRC). This program requires that IUs that discharge waste in excess of the concentration of domestic/residential waste pay for the additional loads that they discharge to the WRC rather than spread that cost to the residential users.

ROUTINE MONITORING: The Pretreatment Program requires that a IU self-monitor its discharge permit pollutants a minimum of twice per year (403.12(g)(1)) with the POTW sampling an additional one time per year.

The wastewater discharge permits for each IU outlines their monitoring requirements. The monitoring frequency is typically on a quarterly basis however, there may be IUs with

increased or decreased monitoring frequencies. IUs may be monitored a higher frequency because of compliance issues or for more accurate and equitable surcharge determinations. Sampling will be increased to monthly, bi-weekly or weekly if their data is extremely variable because of production scheduling and cleaning operations. Industries, particularly those with pretreatment systems for toxic pollutants, may also be required to conduct process control testing internal to their operations to confirm pseudo compliance as frequently as daily. There may be industries that are monitored less frequently because of low production volume and data that does not fluctuate.

ENFORCEMENT REQUIREMENTS:

IDENTIFY VIOLATIONS AND RESAMPLING: The General Pretreatment Regulations in 403.8 (g)(2) requires that an IU identify violations to a Publicly Owned Treatment Works (POTW) within 24 hours of becoming aware of a violation (i.e. receiving a lab report, by telephone, email or mail). Likewise, the Village as the Control Authority will notice the IU within 24 hours of becoming aware of a violation during Village sampling of the IU. Either entity that samples is required to repeat the sampling and analyses and submit it to the POTW (the Village) within 30 days after becoming aware of a violation. The exception to the repeat sampling occurs if:

1. The Control Authority or Village samples the IU at a frequency of once per month, or
2. The Control Authority or Village has already performed additional sampling at the IU between the time when the initial sampling was conducted and the time when the Industrial User or the Control Authority received the results of the sampling.

Failure to notice a violation or repeat the sampling and analyses in a timely manner will result in the issuance of a Reporting Notice of Violation to the IU by the Village.

ROUTINE ENFORCEMENT ESCALATION:

Data Violation Evaluation: If an IU has a violation of one of the parameters, the Village counts that as violation one (1). An NOV is issued and a notice for the IU to attend a Pretreatment Review Meeting at the WRC or Public Works to discuss the violation is also sent. During the meeting held with the Village and its Pretreatment Coordinator and/or designee, the IU compliance history will be reviewed. The IU will explain what measures it took or plans it has to identify the cause of the violation, any studies that need to be performed, and identifies if additional data is needed to identify the source of the violation or progress in meeting compliance. Follow-up activities by the IU and the Village are identified. All participants in the meeting sign a summary of the meeting and the schedule to define the source of the problem and eliminate the violations.

If the IU does not have another violation for 365 days, the count returns to zero for that parameter.

If the IU has additional violations of the same parameter within 365 days of the first violation, additional NOV's will be issued to the IU. Fines will be assessed based on the discretion of the Pretreatment Coordinator. The severity and magnitude of the violations and the IUs actions taken to correct the violations will be taken into consideration when determining if a fine will be issued.

SIGNIFICANT NON-COMPLIANCE (SNC) STATUS:

As previously identified EPA requires that a compliance evaluation be performed on a rolling 6-month basis to determine if an IU violation has achieved SNC status. The definition of SNC is contained in 403.8(f)(2)(viii)(A) for Chronic SNC status and (B) for Technical Review Criteria SNC status as well as being contained in the Village's Sewer Use and Pretreatment ordinance. Following are the definitions:

- Chronic violations are defined as those that exceed the daily maximum limit or average limit by any amount. Chronic SNC is defined as those in which sixty-six

percent (66%) or more of the wastewater measurements taken during a 6-month period exceed the daily maximum or average limit by any amount.

- Technical Review Criteria (TRC) violations are defined as those in which thirty-three percent (33 percent) or more of wastewater measurements taken for each pollutant parameter during a six-(6-) month period equal or exceed the product of the daily maximum limit or average limit multiplied by the applicable criteria (1.4 for BOD, TSS and FOG and 1.2 for all other pollutants except pH). For pH, the Village has set the TRC level at less than 4.0 pH units or greater than 10 pH units.

IUs that exhibit SNC status during one of the four rolling six-month calendar year evaluations are required to be published in a newspaper of general circulation that provides meaningful public notice within the jurisdiction(s) served. Please note that there are other reasons that could result in publication that do not deal with the above chronic and TRC assessments.

MONITORING MODIFICATIONS BASED ON COMPLIANCE:

The Pretreatment staff is responsible for reviewing and evaluating data for changes in monitoring frequencies which are contained in the IU wastewater discharge permits. These permits are issued every five years per the Village ordinance. Some permits may be issued to an IU more frequently based on their production volume and discharge. Parameters are chosen based on industrial processes, categorical monitoring requirements and inclusion in the Village surcharge program. The base frequencies are discussed and approved by the Village staff responsible for wastewater treatment.

During a monitoring year, sample frequencies may be modified and increased but not limited to the following circumstances:

- IU requests increase in sampling and analyses to help identify compliance issues or more accurately assess surcharge;
- SNC status occurred for one pollutant but other pollutants are trending or were in violation that has yet to cause SNC status;
- SNC status occurred for multiple pollutants;

- SNC status occurred in multiple rolling 6-month periods (50% or more) in a calendar year or over a two-year cycle (pattern of non-compliance);
- Pattern of violations followed by short term compliance over multiple sampling periods;
- Pattern of violations occur on a certain day of the week or at a specific time of day (grab samples required) routinely that would cause non-representative sampling;
- Addition of Chronic SNC status at an IU with TRC SNC;
- Increase of TRC SNC status to a range of 50-66%;
- FOG violations of 200 mg/l or more; or
- Defined interference or upset seen at WRC.

Sampling will follow the routine resample schedule initially. That will likely result in samples being taken monthly instead of quarterly. If violations continue or extend past a six-month timeframe and reach SNC status for multiple 6 month periods, sampling may be increased to a higher frequency of 3 days per month for toxics and potentially weekly for FOG or pH. Increased frequencies will be defined in compliance meetings or at Village court actions.

Monitoring decreases will occur in conjunction with renewed compliance. The decrease in sampling is dependent on the modifications made and a demonstration that the 'fix' results in routine compliance that is sustainable. Monitoring will not be reduced until the IU has achieved complete compliance for two months. Reductions will be made at a more accelerated rate if the violation did not result in SNC status for the most recent 6-month rolling period. Reasons for monitoring reductions include:

- Return to complete compliance because of major equipment change coupled with voluntary interim measures that prevented violations during the modification;
- SNC status eliminated for 6-month period and overall violation rate (chronic violation) rate is less than 25% and TRC violations are less than 10%.

Monitoring that occurs at a frequency higher than once per month will be decreased in a staggered manner so that the reduction does not cause the industry to be SNC for a 6-month basis. Staff shall have the ability to evaluate rolling 6-month periods on a monthly basis instead of a quarterly basis to impact compliance and compliance confirmation in a swifter fashion. Once compliance for a year has been achieved, the IU will return to its originally permitted monitoring frequency.

A memo from EPA that includes a visual summary of rolling SNC calculations is provided as Attachment VI of the Enforcement Response Plan.

MONITORING MODIFICATION FOR SURCHARGE:

Sample frequency for an IU only subject to surcharge may be reduced from quarterly to semi-annual if the following conditions have been met:

- The IU has not had any violations during the past two (2) year permit cycle,
- The IU has not had a surcharge during the past two (2) year permit cycle, and
- The IU process flow is less than 1000 gallons per day.

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT II
SITE INSPECTION FORMS**



**VILLAGE OF CAROL STREAM
INSPECTION REPORT - LONG FORM**

A. FACILITY DESCRIPTION

Name: _____ Contact Name: _____

Location Address: _____

Mailing Address: _____

Principal product/service: _____

Permit #: _____ N/A _____ SIU: _____ Undetermined: _____

SIC Code(s): _____

Categorical: _____ Significant Non Categorical: _____

Operating Schedule: Hrs/day: _____ Days/week: _____ Weeks/year: _____

Shift Schedule: 1st: _____ 2nd: _____ 3rd: _____

Employees per Shift: 1st: _____ 2nd: _____ 3rd: _____

Discharge Schedule: Hrs/day: _____ Days/week: _____ Weeks/year: _____

Scheduled Plant Shutdown Periods: _____

Plant Activities during Shutdown: _____

B. INSPECTION DESCRIPTION

Entry Time: _____ Exit Time: _____

Type of Inspection (check all that apply)

Initial	_____	Scheduled	_____
Demand	_____	User Classification	_____
As result of survey	_____	Part of permitting	_____
Compliance follow-up	_____	POTW emergency	_____
IU problem	_____	Other (describe)	_____

Attendance:

Name/Title	Facility/Agency	Telephone

C. WASTESTREAM DESCRIPTION (ALL FACILITIES)

Reviewed Plant Schematic(s): Y _____ N _____
 Schematic(s) on file with Control Authority: Y _____ N _____
 If not on file, contacted _____ to obtain.

	<i>Schematic Includes</i>			<i>Reviewed Actual Site</i>		<i>Condition</i> Good, Bad, Poor
	Y	N	NA	Y	N	
Location(s) incoming water						
Regulated wastestream(s)						
Unregulated wastestream(s)						
Dilutional wastestream(s)						
All floor drains/trenches						

	<i>Schematic Includes</i>			<i>Reviewed Actual Site</i>		<i>Condition</i> Good, Bad, Poor
	Y	N	NA	Y	N	
Locations of:						
chemical storage areas						
raw material storage areas						
acid use areas						
caustic use areas						
other areas						
specialty handled materials						
explain other/specialty:						

	<i>Schematic Includes</i>			<i>Reviewed Actual Site</i>		<i>Condition</i> Good, Bad, Poor
	Y	N	NA	Y	N	
Layout of major plant features						
Layout of pretreatment facilities						

	<i>Schematic Includes</i>			<i>Reviewed Actual Site</i>		<i>Condition</i> Good, Bad, Poor
	Y	N	NA	Y	N	
Locations of drainage from:						
boilers						
cooling streams						
dehumidifiers						
air pollution equipment						
Sanitary Sewer connections						
Storm Sewer connections						

D. REGULATED PROCESSES (EACH)

Regulated Process _____

Federal Category/Subcategory _____

Average Production (if production based limits) _____

Operating Schedule _____

Discharge Type: Continuous _____ Batch _____ Both _____

Volume/Frequency: Continuous _____ Batch _____

Sample locations receiving these wastewaters

Comments: _____

**Make copies of this page for additional processes and attach.*

E. SAMPLE LOCATIONS (EACH)

Sample Location #: _____ Verified during inspection: _____ Sampled: _____

Description: _____

Estimated volume, description of:

Regulated Flow: _____

Unregulated Flow: _____

Dilutional Flow: _____

Self-monitoring Methods:

Flow measurement approved

Verified during inspection

LOCATION: _____

INSPECTION DATE: _____

INSPECTED BY: _____

PAGE: 3

Flow meter calibrated _____ Reviewed records _____
Collection methods approved _____ Verified during inspection _____

Comments: _____

**Make copies of this page for additional sampling locations and attach.*

F. INDUSTRY SELF-MONITORING PROGRAM

Has the approved self-monitoring program been implemented? _____

If not, check here and go to the next page _____

All regulated waste streams sampled _____ Verified _____

Sampling performed by: Industry _____ Contract lab _____ Both _____

Analysis performed by: Industry _____ Contract lab _____ Both _____

Industry personnel responsible for sampling and/or analysis trained to do so? _____

List names of employees who perform sampling: _____

Name/address of contract labs: _____

Labs performing analyses by approved methods as per 40 CFR Part 136?

Industry _____ Verified during inspection _____ Contract lab _____ Verified by audit _____

Records kept of dates, times, locations, methods and names of persons taking samples? _____
Verified _____

Records kept of regulated production, continuous and batch discharge schedules, observations, etc. on sampling days? _____
Verified _____

Records kept of time and method of sample preservation? Verified _____

Are refrigerated autosamplers and refrigerators used for sample storage at a temperature of 4°C or below, but on freezing? Verified _____

Is there an appropriate thermometer in each? Verified _____

Chain of custody records being used? Verified _____

Records on site of all analytical results for at least 3 years? Verified _____

If production based standards apply, were records reviewed and discussed to verify production levels used in calculation of allowed pollutant mass discharge? _____

Are reporting/certification/notification requirements being met? _____

Reviewed prior to inspection? _____ Verified _____

Comments: _____

G. INDUSTRIAL USER COMPLIANCE SCHEDULE

User on an approved pretreatment compliance schedule? _____

Scheduled completion date: _____

User meeting schedule? _____ User submitting reports? _____

User implementing approved interim compliance measures? _____

Comments: _____

H. PRETREATMENT SYSTEM

Is there a pretreatment system? _____ Is it approved? _____

Description: _____

Contributing Processes: _____

Is the system operated per approved plans?	_____	Verified	_____
Is the system operated per approved schedule?	_____	Verified	_____
Is there an assigned operator(s)?	_____	Has the operator(s) been trained?	_____
Is the system regularly maintained?	_____	Verified	_____
Are grease traps/waste pits routinely cleaned?	_____	Verified	_____
Are operational and maintenance records kept?	_____	Verified	_____
Can this system be bypassed by obvious means?	_____		_____
If yes, who would this be reported to?	_____		_____

Comments: _____

I. RESIDUALS MANAGEMENT

Describe volume produced, handling, storage, and disposal of residuals generated by pretreatment systems, including names of haulers and disposal sites:

Are residual classified as hazardous wastes? _____

Records kept? _____ Reviewed during inspection? _____

Should handling, storage and/or disposal of wastes be discussed further with a solid/hazardous waste specialist?

If so, indicate what steps, if any, are required:

J WASTE OIL MANAGEMENT

Describe handling, storage and disposal of waste oils, including volume generated per year, frequency of disposal, and names of haulers and disposal sites:

Are waste oils petroleum-based? _____

Records kept? _____ Reviewed during inspection _____

Should handling, storage and/or disposal of wastes be discussed further with an oil/hazardous waste specialist?

If so, indicate what additional steps, if any, are required:

K. SOLVENT / TOXIC ORGANICS MANAGEMENT (STO)

Is there an approved STO Plan? _____ Reviewed prior to inspection? _____

If so, is this plan being implemented? _____ Verified _____

Is there any evidence of discharge of solvents or defined toxic organics to sanitary sewer?

Is there potential for discharge of solvents or defined toxic organics to sanitary sewer?

Comments: _____

L. ACCIDENTAL SPILL AND DISCHARGE CONTROL (ASPP)

Are floor drains/manholes in proximity to :

If "Yes", where discharged to

Chemical storage areas _____ Verified _____

Acid use areas _____ Verified _____

Caustic use areas _____ Verified _____

Raw materials storage areas _____ Verified _____

Maintenance shop areas _____ Verified _____

Paint application areas _____ Verified _____

Are there spill facilities? _____ Where discharged to? _____

Does the User have an approved ASPP? _____ Reviewed prior to inspection? _____

Are ASPP procedures being implemented including training and posting measures to take, contact names, and notification procedures? Verified _____

Are ASPP records being maintained? _____ Verified _____

Does the User have other spill plans or procedures? _____ Reviewed _____

Is there a need for an ASPP? _____

If "No", explain why? _____

Comments: _____

M. DEFINED POLLUTANTS

List pollutants coming into direct contact with waste stream that discharges into the POTW:

List pollutants that have the potential to access the POTW collection system by spill, accidental discharge, machinery malfunction, etc.:

N. CLOSE OUT INTERVIEW

Attended by: _____

Findings	OK	Not OK	Not OK	Not OK	Not OK	Comments
Waste stream schematic(s)						
Regulated process(es)						
Sample location(s)						
Self-monitoring program						
Compliance schedule						
Pretreatment system						
Residuals management program						
Waste oil management program						
STO management program						
ASPP procedures and postings						
Reporting						
Certification						
Notification						

Other: _____

O. FOLLOW UP

Date and method of finding transmission to User (if no close out interview)

Is follow up inspection necessary? _____

Have changes occurred in permitted activities, discharge locations, or sampling locations such that changes in the permit are necessary?

Attach results of analysis of all samples collected during inspection. _____

If applicable, was user classification determined? _____

If yes, identify: _____

Is a permit required? _____

List noncompliance's identified as a result of this inspection and corresponding enforcement responses taken or initiated:

Any other necessary follow up activities?

Attach any other notes or comments on inspection activities to this report.

VILLAGE OF CAROL STREAM
INSPECTION REPORT - SHORT FORM

A. FACILITY DESCRIPTION

Name: _____ Contact Name: _____

Location Address: _____

Mailing Address: _____

Principal product/service: _____

Permit #: _____ N/A _____ SIU: _____ Undetermined: _____

B. INSPECTION DESCRIPTION

Entry Time: _____ Exit Time: _____

Type of Inspection (*check all that apply*)

Initial	_____	Scheduled	_____
Demand	_____	User Classification	_____
As result of survey	_____	Part of permitting	_____
Compliance follow-up	_____	POTW emergency	_____
IU problem	_____	Other (describe)	_____

Attendance:

Name/Title	Facility/Agency	Telephone
_____	_____	_____
_____	_____	_____
_____	_____	_____

C. REASON(S) FOR INSPECTION

LOCATION: _____

PAGE: 1

INSPECTION DATE: __

INSPECTED BY: _____

D. FINDINGS

E. FOLLOW UP

Date and method of finding transmission to User

Is follow up inspection necessary? _____

Have changes occurred in permitted activities, discharge locations, or sampling locations such that changes in the permit are necessary? _____

Attach results of analysis of all samples collected during inspection. _____

If applicable, was user classification determined? _____

If yes, identify: _____

Is a permit required? _____

List noncompliance's identified as a result of this inspection and corresponding enforcement responses taken or initiated: _____

Any other necessary follow up activities?

LOCATION: _____

PAGE: 2

INSPECTION DATE: __

INSPECTED BY: _____

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT III
CONFIDENTIAL BUSINESS INFORMATION**



VILLAGE OF CAROL STREAM

PRETREATMENT PROGRAM CONFIDENTIAL BUSINESS INFORMATION

PROGRAM REQUIREMENT:

The Village of Carol Stream's Pretreatment Program was first approved by USEPA Region V (the approval authority in Illinois) on September 3, 1985. The program is required to follow Confidential Business Requirements per 40 CFR §403.14 Confidentiality that incorporates by reference 40 CFR §2.302 as well as state code 35 IAC 310.105, 310.105 and 130 and in Article 11 of the Village Sewer Use Ordinance.

CLAIMS FOR REQUEST PER 40 CFR §2.302:

A claim of "Confidential Information" may be made for information that would divulge information, processes, or methods of production entitled to protection as trade secrets under applicable State law. The request must be asserted at the time of submission of the information or data. Specific instructions to mark documents/information may be found in 35 IAC 130.

Notwithstanding any procedures or exemptions of the Freedom of Information Act, all such information and data shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or pretreatment program, and in enforcement proceedings involving the person furnishing the report.

DETERMINATIONS:

The claim of "Confidential Information" will be determined by the Pretreatment Coordinator and the Village Attorney within the timeframe provided in 35 IAC 130.

FILES - SEGREGATION OF ARTICLES:

Any article, or any page or portion thereof, that is claimed or determined to represent a trade secret or other non-disclosable information, shall be kept segregated from articles that are open to public inspection, and shall be kept secure from unauthorized access. Secure access for

Industrial Records will be maintained at the Carol Stream Water Reclamation Center, 245 Kuhn Road, Carol Stream, IL 60188. Routine Industrial Records will be flagged to indicate that “Confidential Records” exist for the IU.

AVAILABILITY TO THE PUBLIC:

Information not determined to be “Confidential” which is submitted to the State or the Village shall be available to the public at least to the extent provided by 40 CFR §2.302. Wastewater constituents and characteristics and other “effluent data” as defined by 40 CFR §2.302 will not be recognized as confidential information and will be available to the public without restriction. Requests for IU information will be filed consistent with Village procedures for the Illinois Freedom of Information Act.

DISPOSAL OF INFORMATION:

Once an article is no longer required to be maintained for the Pretreatment Program per Section 13-11-2 of the Village Ordinance, the Village must dispose of an article that is claimed or determined to represent a trade secret of other non-disclosable information, and any copies made of that article, according to its application for authority to dispose of Village records approved by the State Records Commission.

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

ATTACHMENT IV

USEPA NON-COMPLIANCE EVALUATION MEMOS

- January 21, 1992 & April 12, 1993 – Determining Industrial User Non-compliance Using Split Samples
- October 1, 1992 – Use of Grab Samples to Detect Violations of Pretreatment Standards
- May 13, 1993 – Compliance with Continuous Monitoring



Appendix F. EPA Memorandum, *Determining Industrial User Noncompliance Using Split Samples*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 21 1992

OFFICE OF WATER

MEMORANDUM**SUBJECT:** Determining Industrial User Compliance Using Split Samples**FROM:** Richard G. Kozlowski, Director *by Mary Jo M. Aiello*
Enforcement Division**TO:** Mary Jo M. Aiello, Acting Chief
Bureau of Pretreatment and Residuals

This memo is a response to your letter of September 30, 1991, where you requested written clarification regarding the use of split samples for determining industrial user (IU) compliance under the Pretreatment Program. Specifically, you requested guidance on how to use the data from split samples for determining IU compliance in situations where split samples yield different analytical results. The fundamental question posed by your inquiry is whether all analytical results must be used when evaluating the compliance status of IUs and how to use those results for determining compliance. In situations where split samples exist and both samples were properly preserved and analyzed, POTWs should evaluate compliance with applicable Pretreatment Standards in the manner described below.

When evaluating the compliance status of an industrial user, the POTW must use all samples which were obtained through appropriate sampling techniques and analyzed in accordance with the procedures established in 40 CFR Part 136¹. The Environmental Protection Agency (EPA) has consistently encouraged Publicly Owned Treatment Works (POTWs) to periodically split samples with industrial users as a method of verifying the quality of the monitoring data. When a POTW splits a sample with an IU, the POTW must use the results from each of the split samples.

A legitimate question arises, however, when a properly collected, preserved and analyzed split sample produces two different analytical results (e.g., one which indicates compliance and the other shows noncompliance, or where both indicate either compliance or noncompliance but the magnitudes are substantially different). In these instances, questions arise regarding the compliance status of the IU, and what should be done to reconcile the results.

¹ See Memorandum, "Application and Use of the Regulatory Definition of Significant Noncompliance for Industrial Users," U.S. EPA, September 9, 1991.

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There is inherent variation in all analytical measurements, and no two measurements of the same analyte (even when drawn from the same sample) will produce identical results. When a split sample is analyzed using appropriate methods, there is no technical basis for choosing one sample result over the other for determining the compliance status of a facility. Since this is the case for all split samples which have been properly analyzed, the POTW should average the results from the split and use the resulting average number when determining the compliance status of an IU. Using the average of the two sample results avoids the untenable situation of demonstrating compliance and noncompliance from the same sample.

If the split sample produces widely divergent results or results which are different over a long period of time, then the cause of the discrepancy between the analytical results should be reconciled. When this happens, the POTW should investigate Quality Assurance and Quality Control (QA/QC) procedures at each laboratory involved. For example, the POTW could submit a spiked sample (i.e., a sample of known concentration) to the laboratories involved (preferably blind) to determine which laboratory may be in error.

In situations where one or both of the analytical results is determined to be invalid, there are compliance and enforcement consequences. If one of the analytical results is determined to be invalid, the average value for that sample is also invalid. In this situation, the value for this sample should be the value of the sample which was not determined to be invalid (e.g., if the IU's results are determined to be invalid, the POTW should use its sample for assessing compliance, and vice versa). If both samples are determined to be invalid, the averaged result from that sample should be discarded and not used for compliance assessment purposes. In either case, the POTW must recalculate the compliance status of the IU using all remaining valid sample results.

In summary, whenever split samples are taken and both are properly preserved and analyzed, the POTW should average the results from each sample and use the averaged value for determining compliance and appropriate enforcement responses. Where the sample results are widely divergent, the POTW should instigate QA/QC measures at each of the analytical laboratories to determine the cause of the discrepancy. If one or both of the samples are invalid, the POTW must recalculate the compliance status of the IU using all valid results.

If you have any further questions regarding these questions, please feel free to call me at (202) 260-8304. The staff person familiar with these issues is Lee Okster. Lee can be reached at (202) 260-8329.

cc: Cynthia Dougherty
Regional Pretreatment Coordinators
Approved State Pretreatment Coordinators
Bill Telliard



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 12 1993

OFFICE OF
WATER

Mr. Harold R. Otis
Chairman, Split Sampling Task Force
Greater Fort Wayne Chamber of Commerce
826 Ewing Street
Fort Wayne, IN 46802-2182

Re: Using Split Samples to Determine Industrial User Compliance

Dear Mr. Otis:

In response to your letter of January 12, 1993, and your phone conversation of February 9, 1993, with Lee Okster, I am providing a further discussion of the issues surrounding the use of split samples to determine industrial user (IU) compliance with Pretreatment Standards. In your letter and your phone conversation, you requested clarification from the Environmental Protection Agency (EPA) on three issues. First, you requested a firm definition of what constitutes "widely divergent results" when comparing split sample results. Second, when a publicly owned treatment works (POTW) splits a sample with an IU, you inquired whether a POTW must use the industrial user's data to determine compliance with pretreatment standards. Finally, you requested written authorization from the EPA to incorporate the language from our existing guidance memorandum on split samples into the Rules and Regulations of the Water Control Utility for the City of Fort Wayne.

What are Widely Divergent Results?

As you are aware, the EPA issued a memorandum on January 21, 1992, entitled "Determining Industrial User Compliance Using Split Samples." The "widely divergent results" criterion established in this memo is to be used as an indication that a problem exists with the laboratory analysis. We did not include an indication of what constitutes "widely divergent" in our memorandum because the amount of "normal" analytical variability depends on the pollutant parameter being tested and the method being used to analyze the sample. With appropriate QA/QC, this "normal" analytical variability is small. In general, though, metals analyses have a smaller variation than organics analyses, but the magnitude of the variability depends on the pollutants being tested. Therefore, no hard and fast rules exist for determining what is widely divergent. This determination is left to the discretion of the local authority.

Must the POTW Use All Sample Results?

In the January, 1992, memorandum we state that "the POTW must use all samples which were obtained through appropriate sampling techniques and analyzed in accordance with the procedures established in 40 CFR Part 136." The memo further states "[w]hen a POTW splits a sample with an IU; the POTW must use the results from each of the split samples."

The POTW is required to sample the IU at least once per year to determine, independent of information supplied by the IU, the compliance status of that facility. If the POTW does not wish to be in a position of comparing its own data with the IU when it samples the IU's discharge, it is not required to split its samples with the IU. Furthermore, we do not recommend that the POTW use a split sample with the industry to satisfy its annual sampling requirement. The POTW should pull its own sample so that it has data which are truly independent of the IU's results.

The POTW also has the primary responsibility to ensure compliance by the IU with all applicable pretreatment standards and requirements. One way the POTW can satisfy its requirement to ensure compliance is to split a routine sample taken by the IU. If a POTW splits a routine sample taken by the IU, it must use the IU's data, in conjunction with its own, to determine the compliance status of the facility (assuming all of the data are sampled and analyzed appropriately). We encourage POTWs to split samples in this manner to verify the IU's data. In a similar fashion, if the POTW chooses to split its own sample with the IU, it must use all of the data to determine the compliance status of the facility (assuming all of the data are appropriately analyzed).

When the POTW splits a sample with an IU (whether it is a routine sample by the IU or an annual sample by the POTW) the POTW has the responsibility to determine whether the IU's results from the split sample are valid. Where an IU's results are different than the POTW's, the burden is on the IU to show that all preservation, chain-of-custody, and analytical and QA/QC methods were followed. If the IU cannot make this showing, then the analytical results from the IU should be discarded when determining the compliance status of the facility. If the IU establishes that it followed all appropriate procedures, then the POTW should review its own QA/QC program. If both the IU and POTW have followed appropriate procedures, and there is still a wide divergence, then follow-up sampling should be conducted. If follow-up sampling consistently shows IU noncompliance, or if the POTW is otherwise satisfied with the validity of its own results, it should proceed to follow its enforcement procedures.

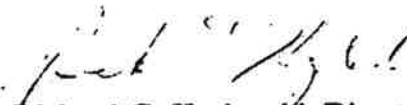
Authorization From the EPA

In regard to your final request, the City of Fort Wayne has the authority to incorporate these procedures into its Rules and Regulations without any authorization from the EPA. As long as the City has the minimum legal authorities to implement its

approved program, it has satisfied its requirements under the Federal regulations. As always, the City is encouraged to adopt the EPA's Pretreatment Guidance whenever possible.

I hope this letter responds to your questions and concerns. If you have any further questions, please feel free to call me at (202) 260-8304 or you can call Lee at (202) 260-8329.

Sincerely yours,



**Richard G. Kozlowski, Director
Water Enforcement Division
U.S. Environmental Protection Agency**

cc: Cynthia Dougherty
Regional Pretreatment Coordinators
Approved State Pretreatment Coordinators

Appendix D. EPA Memorandum, *The Use of Grab Samples to Detect Violations of Pretreatment Standards*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 1 1992

MEMORANDUM

OFFICE OF
WATER

SUBJECT: The Use of Grab Samples to Detect Violations of Pretreatment Standards

FROM: Michael B. Cook, Director *Michael B. Cook*
Office of Wastewater Enforcement & Compliance (WH-546)

Frederick F. Stiehl *Frederick F. Stiehl*
Enforcement Counsel for Water (LE-134W)

TO: Water Management Division Directors, Regions I - X
Environmental Services
Division Directors, Regions I - X
Regional Counsels, Regions I - X

The primary purpose of this Memorandum is to provide guidance on the propriety of using single grab samples for periodic compliance monitoring to determine whether a violation of Pretreatment Standards has occurred. More specifically, the Memorandum identifies those circumstances when single grab results may be used by Control Authorities, including EPA, State or publicly owned treatment works (POTW) personnel, to determine or verify an industrial user's compliance with categorical standards and local limits. Please be aware that the concepts set out below are applicable when drafting self-monitoring requirements for industrial user permits.

REGULATORY BACKGROUND

The General Pretreatment Regulations require Control Authorities to sample all significant industrial users (SIUs) at least once per year [see 40 CFR 403.8(f)(2)(v)]. In addition, the Regulations, at 40 CFR 403.12(e), (g) and (h) require, at a minimum, that all SIUs self-monitor and report on their compliance status for each pollutant regulated by a Pretreatment Standard at least twice per year unless the Control Authority chooses to conduct all monitoring in lieu of self-monitoring by its industrial users.

¹ The POTW should conduct more frequent sampling and/or require more frequent self-monitoring by an industrial user if deemed necessary to assess the industry's compliance status (e.g., a daily, weekly, monthly or quarterly frequency as appropriate).

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The Regulations, at 40 CFR 403.12(g) and (h), also specify that pollutant sampling and analysis be performed using the procedures set forth in 40 CFR Part 136. Part 136 identifies the proper laboratory procedures to be used in analyzing industrial wastewater (including the volume of wastewater necessary to perform the tests and proper techniques to preserve the sample's integrity). However, with certain exceptions, Part 136 does not specifically designate the method to be used in obtaining samples of the wastewater. Rather, section 403.12(g) and (h) require sampling to be "appropriate" to obtain "representative" data; that is, data which represent the nature and character of the discharge.

DISCUSSION OF BASIC SAMPLING TYPES

Sampling may be conducted in two basic ways. Both types of sampling provide valid, useful information about the processes and pollutants in the wastewater being sampled. The first is an "individual grab sample." An analysis of an individual grab sample provides a measurement of pollutant concentrations in the wastewater at a particular point in time. For example, a single grab sample might be used for a batch discharge which only occurs for a brief period (e.g., an hour or less). Such samples are typically collected manually but are sometimes obtained using a mechanical sampler.²

The second type of sample is a "composite sample." Composite samples are best conceptualized as a series of grab samples which, taken together, measure the quality of the wastewater over a specified period of time (e.g., an operating day). Monitoring data may be composited on either a flow or time basis. A flow-proportional composite is collected after the passage of a defined volume of the discharge (e.g., once every 2,000 gallons). Alternatively, a flow-proportional composite may be obtained by adjusting the size of the aliquots to correspond to the size of the flow. A time-proportional composite is collected after the passage of a defined period of time (e.g., once every two hours).

Generally, composite samples are collected using a mechanical sampler, but may also be obtained through a series of manual grab samples taken at intervals which correspond to the wastewater flow or time of the facility's operations. In some cases, composite data is obtained by combining grab samples prior

² Mechanical samplers may not be used to sample for certain pollutants (e.g., those which could adhere to the sampler tubing, volatilize in the sampler, or pollutants with short holding times).

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to transmittal to a laboratory. At other times, the samples remain discrete and are either combined by the laboratory prior to testing or are analyzed separately (and, mathematically averaged to derive a daily maximum value).

DETERMINING APPROPRIATE COMPLIANCE SAMPLING METHODS

EPA policy on appropriate compliance sampling types has been articulated in several pretreatment guidance manuals and regulatory preambles, and continues to be as follows:

A. Compliance With Categorical Standards

- Most effluent limits established by categorical standards are imposed on a maximum daily-average and a monthly-average bases. Generally, wastewater samples taken to determine compliance with these limits should be collected using composite methods.
- There are exceptions to the general rule. Composite samples are inappropriate for certain characteristic pollutants (i.e., pH and temperature) since the composite alters the characteristic being measured. Therefore, analysis of these pollutants should be based on individual grab samples. Alternatively, continuous monitoring devices may be used for measuring compliance with pH and temperature limits. Any exceedance recorded by a continuous monitoring device is a violation of the standard.
- Sampling wastewater from electroplating facilities regulated under 40 CFR Part 413 may be conducted using single grab samples [(assuming that the grab samples are representative of the daily discharge for a particular facility); see also preamble discussion at 44 Fed. Reg. 52609, September 7, 1979]
- A series of grab samples may be needed to obtain appropriate composite data for some parameters due to the nature of the pollutant being sampled. Examples of this situation include:

³ Daily maximum discharge limits are controls on the average wastewater strength over the course of the operating day. They are not intended to be instantaneous limits applied at any single point during that operating day.

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- Sampling for parameters which may be altered in concentration by compositing or storage. These pollutants include pH-sensitive compounds (i.e., total phenols, ammonia, cyanides, sulfides); and volatile organics such as purgeable halocarbons, purgeable aromatics, acrolein, and acrylonitrile.
- Sampling for pollutants with short holding times such as hexavalent chromium and residual chlorine; and
- Sampling for pollutants which may adhere to the sample container or tubing such as fats, oil and grease. Individual analysis for these parameters ensures that all the material in the sample is accounted for.

B. Compliance With Local Limits

- Local limits may be established on an instantaneous, daily, weekly or monthly-average basis. The sample type used to determine compliance with local limits should be linked to the duration of the pollutant limit being applied.
- Compliance with instantaneous limits should be established using individual grab samples. Exceedances identified by composite sampling are also violations.
- Compliance with daily, weekly or monthly average limits should be determined using composited sampling data, with the same exceptions noted in A, above.
- Measurements of wastewater strength for non-pretreatment purposes (e.g., surcharging) may be conducted in a manner prescribed by the POTW.

GRAB SAMPLING AS A SUBSTITUTE FOR COMPOSITE SAMPLING

EPA is aware that a number of Control Authorities currently rely on a single grab sample to determine compliance, particularly at small industrial users, as a way of holding down monitoring costs. It is EPA's experience that the process activities and wastewater treatment at many industrial facilities may not be sufficiently steady-state as to allow for routine use

⁴ Certain pH-sensitive compounds can be automatically composited without losses if the collected sample is only to be analyzed for a single parameter. Additionally, a series of grab samples may be manually composited if appropriate procedures are followed.

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of single grab results as a substitute for composite results. Therefore, the Agency expects composited data to be used in most cases. However, there are several circumstances when a single grab sample may be properly substituted for a single composite sample. These situations are:

- Sampling a batch or other similar short term discharge, the duration of which only allows for a single grab sample to be taken;
- Sampling a facility where a statistical relationship can be established from previous grab and composite monitoring data obtained over the same long-term period of time;⁵ and
- Where the industrial user, in its self-monitoring report, certifies that the individual grab sample is representative of its daily operation.

Except for these circumstances, Control Authorities should continue to use composite methods for their compliance sampling.

GRAB SAMPLES AS A COMPLIANCE SCREENING TOOL

Control Authorities may consider using grab samples as a compliance screening tool once a body of composite data (e.g., Control Authority and self-monitoring samples obtained over a year's time), shows consistent compliance. However, in the event single grab samples suggest noncompliance, the Control Authority

⁵ Grab sampling may provide results that are similar to composite sampling. See for example, a March 2, 1989, Office of Water Regulations and Standards (OWRS) Memorandum to Region IX describing the results of a statistical analysis of sampling data from a single industrial facility. These sampling data included both individual grab and flow-proportional, composite sampling obtained during different, non-overlapping time periods. After reviewing the data, OWRS concluded that the composite and grab sample data sets displayed similar patterns of violation for lead, copper, and total metals. In fact, the analyses did not find any statistically significant difference in the concentration values measured between the grab and composited data. Furthermore, additional statistical tests of the two data sets indicated that the means and variances for each pollutant were similar. The statistical conclusion was that the plant was judged to be out of compliance regardless of what data were analyzed.

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and/or the industrial user should resample using composite techniques on the industrial user's effluent until consistent compliance is again demonstrated.

Control Authorities may also rely on single grab samples, or a series of grab samples for identifying and tracking slug loads/spills since these "single event" violations are not tied to a discharger's performance over time.

Any time an SIU's sample (either grab or composite) shows noncompliance, the General Pretreatment Regulations, at 40 CFR 403.12(g)(2), require that the SIU notify the Control Authority within twenty four (24) hours of becoming aware of the violation and resample within 30 days. Furthermore, EPA encourages Control Authorities to conduct or require more intensive sampling in order to thoroughly document the extent of the violation(s). Of course, the use of grab samples should be reconsidered in the event the SIU changes its process or treatment.

SUMMARY

The collection and analysis of sampling data is the foundation of EPA's compliance and enforcement programs. In order for these programs to be successful, wastewater samples must be properly collected, preserved and analyzed. Although the Federal standards and self-monitoring requirements are independently enforceable, Control Authorities should specify, in individual control mechanisms for industrial users, the sampling collection techniques to be used by the industry. Generally, pretreatment sampling should be conducted using composite methods wherever possible, to determine compliance with daily, weekly or monthly average limits since this sampling technique most closely reflects the average quality of the wastewater as it is discharged to the publicly owned treatment works. Grab samples should be used to determine compliance with instantaneous limits. There are circumstances when discrete grab samples are also an appropriate, cost effective means of screening compliance with daily, weekly and monthly pretreatment standards.

⁶ Where grab samples are used as a screening tool only (i.e., consistent compliance has been demonstrated by composite data), the results should not be used in the POTW's calculation of significant noncompliance (SNC).

⁷ When POTWs choose to allow the SIU to collect single grab samples, the POTW should draft the SIU's individual control mechanism to clearly indicate that grab samples are to be obtained thereby preventing any uncertainty at a later date.

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In summary, there are limited situations in which single grab sample data may be used in lieu of composite data. Assuming adequate quality control measures are observed, analyses of these grab samples can indicate noncompliance with Federal, State and Local Pretreatment Standards and can form the basis of a successful enforcement action. Grab sampling can also be useful in quantifying batches, spills, and slug loads which may have an impact on the publicly owned treatment works, its receiving stream and sludge quality.

Should you have any further comments or questions regarding this matter, please have your staff contact Mark Charles of OWEC at (202) 260-8319, or David Hindin of OE at (202) 260-8547.

cc: Frank M. Covington, NEIC
Thomas O'Farrell, OST
Regional and State Pretreatment Coordinators
Lead Regional Pretreatment Attorneys, Regions I - X
Approved POTW Pretreatment Programs

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT V
ENFORCEMENT RESPONSE GUIDE**



ENFORCEMENT RESPONSE GUIDE

PC = Pretreatment Coordinator

VA = Village Attorney

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>	
<u>REPORTING - UNAUTHORIZED DISCHARGES</u>				
Discharge without a Permit	IU unaware of requirement; no harm to POTW/environment	Phone call/Email warning	PC	
		NOV with application form	PC	
		Late Fee	PC	
	IU unaware of requirement; results in harm to POTW/environment	NOV	PC	
		Pretreatment Review Meeting	PC	
		Compliance Agreement	PC	
		Late Fee	PC	
		Citations	PC	
		Show Cause Order	PC	
		Compliance Order	PC	
		Civil Prosecution	PC, VA	
	Injunctive Relief	PC, VA		
	Failure to apply after notice by POTW	NOV	PC	
		Late Fee	PC	
		Compliance Order	PC	
Citations		PC		
Civil Prosecution		PC, VA		
Emergency Suspension		PC		
Non-permitted discharge - Failure to Re-new	IU has not renewed discharge permit within 10 calendar days of due date	Phone call/Email warning	PC	
		NOV	PC	
		NOV with Late Fee	PC	
	IU has not renewed discharge permit within 45 calendar days of due date.	SNC status triggered at 45 days for Annual Publication	PC	
		Citations	PC	
		Emergency Suspension	PC	
		Termination of Discharge	PC	
	<u>OTHER REPORTS</u>			
	Failure to conduct self-monitoring and to submit periodic reports by due date	Isolated occurrence	Phone call/Email warning	PC
			NOV	PC
Late Fee			PC	
Repeated occurrence, 45 or more calendar days past due date, or failure to self-monitor and submit periodic reports, failure to comply with NOV		NOV	PC	
		Late Fee	PC	
		Pretreatment Review Meeting	PC	
		Compliance Agreement	PC	
		Show Cause Order	PC	
		Compliance Order	PC	
		Citations	PC	
		SNC status triggered at 45 days for Annual Publication	PC	

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
OTHER REPORTS			
Certification and/or signature	Report is improperly signed or certified, Isolated occurrence	Phone call/Email warning	PC
		NOV	PC
		NOV	PC
	Repeated occurrence to properly sign report or certify, failure to comply with NOV	Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
Timeliness	Report is late, Isolated occurrence or not significant (e.g., 5 working days late)	Phone call/Email warning	PC
		NOV	PC
		Late Fee	PC
	Repeated occurrence of late report or significant (e.g., report 45 calendar days or more late) or no reports at all	NOV	PC
		Late Fee	PC
		SNC status triggered at 45 days for Annual Publication	PC
		Pretreatment Review Meeting	PC
		Compliance Meeting	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
Civil Prosecution	PC, VA		
Modifications & Changes	Failure to report changed discharge (no harm to POTW/environment)	Phone call/Email warning	PC
		NOV	PC
		Late Fee	PC
	Failure to report changed discharge (results in harm)	NOV	PC
		Late Fee	PC
		Compliance Order	PC
		Show Cause Order	PC
		Citations	PC
		Civil Prosecution	PC, VA
	Repeated failure to report changed discharge	Injunctive Relief	PC, VA
		NOV	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
		Emergency Suspension	PC
Injunctive Relief	PC, VA		
Termination of Discharge	PC		

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
<u>OTHER REPORTS</u>			
Failure to Report Violation	Failure to report violation within 24-hour	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
	Repeated failure to report violation	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Compliance Order	PC
Falsification	Falsification	Pretreatment Review Meeting	PC
		Compliance Order	PC
		Citations	PC
		Emergency Suspension	PC
		Termination of Discharge	PC
		Civil Prosecution	PC, VA
		Referral for Criminal Prosecution	VA
<u>MONITORING AND SAMPLING</u>			
Failure to monitor correctly	Failure to monitor all pollutants as required by permit	Phone call/Email warning	PC
		NOV	PC
		Late Fee	PC
	Recurring failure to monitor	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
Civil Prosecution	PC, VA		
Improper sampling	Evidence of intent	NOV	PC
		Show Cause Order	PC
		Citations	PC
		Emergency Suspension	PC
		Termination of Discharge	PC
		Civil Prosecution	PC, VA
		Referral for Criminal Prosecution	VA

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
MONITORING AND SAMPLING			
Failure to install monitoring equipment	Delay of less than 45 days	NOV	PC
		Late Fee	PC
	Delay of 45 days or more	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Compliance Order	PC
	Recurring, violation of compliance order	Show Cause Order	PC
		Citations	PC
		Emergency Suspension	PC
		Termination of Discharge	PC
		Civil Prosecution	PC, VA
	Compliance Schedules	Missed milestone by less than 45 days, or will not affect final milestone	NOV
Late Fee			PC
Pretreatment Review Meeting			PC
Compliance Agreement			PC
Missed milestone by more than 45 days, or will affect final milestone (good cause for delay)		NOV	PC
		Late Fee	PC
		Compliance Order	PC
		Show Cause Order	PC
		Citations	PC
		SNC status triggered at 45 days for Annual Publication	PC
Missed milestone by more than 90 days, or will affect final milestone (no good cause for delay)		NOV	PC
		SNC status triggered at 45 days for Annual Publication	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
		Civil Prosecution	PC, VA
		Termination of Discharge	PC
Recurring violation of schedule or violation of schedule in compliance order		NOV	PC
		Late Fee	PC
		Show Cause Order	PC
		Citations	PC
	Civil Prosecution	PC, VA	
	Emergency Suspension	PC	
	Termination of Discharge	PC	

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
<u>DISCHARGE LIMIT VIOLATIONS</u>			
Exceedance of local or Federal Standard (permit limit)	Isolated, not significant	Phone call/Email warning	PC
		NOV	PC
	Isolated, significant (no harm to POTW/environment)	Phone call/Email warning	PC
		NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Compliance Order	PC
	Isolated (results in harm to POTW/environment)	Phone call/Email warning	PC
		NOV	PC
		Late Fee	PC
		Cost Recovery	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
		Injunctive Relief	PC, VA
	Recurring, chronic (no harm to POTW/environment)	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Compliance Order	PC
Citations		PC	
Recurring; chronic, significant (results in harm to POTW/environment)	NOV	PC	
	Late Fee	PC	
	Cost Recovery	PC	
	Show Cause Order	PC	
	Compliance Order	PC	
	Citations	PC	
	Emergency Suspension	PC	
	Civil Prosecution	PC, VA	
	Injunctive Relief	PC, VA	
	Termination of Discharge	PC	
<u>VIOLATIONS DETERMINED DURING SITE VISITS</u>			
Entry Denial	Entry denied or consent withdrawn	Obtain warrant and return to IU	PC, VA
		NOV	PC
	Copies of records denied	NOV	PC
		Late Fee	PC
		Compliance Order	PC
		Citations	PC

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
VIOLATIONS DETERMINED DURING SITE VISITS			
Illegal Discharge	No harm to POTW/environment	NOV	PC
		Late Fee	PC
	Discharges causes harm to POTW/environment or evidence of intent/negligence	Cost Recovery	PC
		Show Cause Order	PC
		Citations	PC
		Civil Prosecution	PC, VA
		Emergency Suspension	PC
		Injunctive Relief	PC, VA
		Termination of Discharge	PC
		Referral for Criminal Prosecution	VA
	Recurring, violation of Compliance Order	Show Cause Order	PC
		Citations	PC
		Emergency Suspension	PC
Termination of Discharge		PC	
Improper Sampling - Incorrect location; Incorrect sample type; or Incorrect sample collection techniques	Isolated Occurrence Improper Sampling	NOV	PC
		Pretreatment Review Meeting	PC
	Recurring Improper sampling	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Compliance Order	PC
		Show Cause Order	PC
		Citations	PC
			PC
Inadequate recording keeping	Inspector finds files incomplete to missing (no evidence of intent)	NOV	PC
		Pretreatment Review Meeting	PC
	Recurring	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Agreement	PC
		Show Cause Order	PC
		Compliance Order	PC
			PC
			PC
Failure to report additional monitoring	Inspector finds additional files	NOV	PC
		Pretreatment Review Meeting	PC
	Recurring	NOV	PC
		Late Fee	PC
		Compliance Order	PC
		Citations	PC

Village of Carol Stream

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>		
<u>VIOLATIONS DETERMINED DURING SITE VISITS</u>					
Waste streams are diluted in lieu of treatment	Initial violation	NOV	PC		
		Late Fee	PC		
		Pretreatment Review Meeting	PC		
		Compliance Agreement	PC		
		Show Cause Order	PC		
		Compliance Order	PC		
		Citations	PC		
	Recurring	NOV	PC		
		Late Fee	PC		
		Pretreatment Review Meeting	PC		
		Compliance Order	PC		
		Show Cause Order	PC		
		Citations	PC		
		Emergency Suspension Termination of Discharge	PC PC		
Failure to mitigate noncompliance or halt production	No harm to POTW/environment	NOV	PC		
		Late Fee	PC		
		Pretreatment Review Meeting	PC		
		Compliance Agreement	PC		
		Show Cause Order	PC		
		Compliance Order	PC		
		Citations	PC		
	Results in harm to POTW/environment	NOV	PC		
		Late Fee	PC		
		Citations	PC		
		Injunctive Relief	PC, VA		
		Compliance Order	PC		
		Failure to properly operate and maintain pretreatment facility	No harm to POTW/environment	NOV	PC
				Late Fee	PC
Pretreatment Review Meeting	PC				
Compliance Agreement	PC				
Show Cause Order	PC				
Compliance Order	PC				
Results in harm to POTW/environment	NOV			PC	
	Pretreatment Review Meeting		PC		
	Late Fee		PC		
	Citations		PC		
	Cost Recovery		PC		
	Injunctive Relief		PC, VA		
	Compliance Order		PC		

<u>NON-COMPLIANCE</u>	<u>CIRCUMSTANCES</u>	<u>ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
<u>SPILLS AND OTHER VIOLATIONS</u>			
Failure to notify of spill slug load, bypass, or pretreatment malfunction	No known interference, pass through, or threat to human safety	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Compliance Order	PC
		Citations	PC
	Known interference, pass through, or threat to human safety	NOV	PC
		Late Fee	PC
		Pretreatment Review Meeting	PC
		Show Cause Order	PC
		Compliance Order	PC
		Citations	PC
		Emergency suspension	PC
		Injunctive Relief	PC, VA
		Civil Prosecution	PC, VA
Reported spill, slug load, bypass	Isolated without known interference or pass through	Phone call/Email warning	PC
		NOV	PC
		Citations	PC
		Cost Recovery	PC
		Injunctive Relief	PC, VA
	Isolated with known interference or pass through	NOV	PC
		Pretreatment Review Meeting	PC
		Late Fee	PC
		Citations	PC
		Compliance Order	PC
		Cost Recovery	PC
	Recurring with known interference pass or threat of human safety	Injunctive Relief	PC, VA
		NOV	PC
		Late Fee	PC
Citations		PC	
Cost Recovery		PC	
Show Cause Order		PC	
Injunctive Relief		PC, VA	
Civil Prosecution	PC, VA		

TIME-FRAMES FOR RESPONSES

The time frames for responses identified below are general in nature and may be altered at the discretion of the Control Authority with consideration of such factors as holidays, vacations, etc. Specific notation of exceptions may be found for each individual mechanism in the tables above. When those exceptions have been noted, the time frame identified will be followed rather than this more general time frame for response.

- A. Village sampling data of the SIU will be screened within 24 working hours of receipt from the contract laboratory and an informal notification made to the SIU by telephone or email.
- B. Initial enforcement actions (involving contact with the User and requesting information on corrective or preventive action(s)) will occur within 30 calendar days of violation detection but no later than 60 calendar days. Initial enforcement actions include but are not limited to: pretreatment review meeting, issuance of NOV, semi-annual report violations, and citations for reports that continue to be received late.
- C. Follow-up actions for continuing or reoccurring violations will occur within 60 calendar days of the initial enforcement response. Follow-up actions could include the issuance of compliance agreements, show cause orders, and compliance orders.
- D. Follow-up actions for missing pretreatment compliance schedule milestones by 90 calendar days will be taken normally within 30 calendar days but no later than 60 calendar days.
- E. Follow-up actions for recurring SNC status for specific analyses will include confirmation of SNC status, followed by an evaluation for the need to issue an enforceable order. If an order will be issue, it will be done normally within 30 calendar days but no later than 60 calendar days of the confirmation of SNC status.
- F. Violations which threaten health, property or environmental quality are considered emergencies and will receive immediate responses such as halting the discharge or terminating the service.

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT VI
ENFORCEMENT TRACKING LOG TEMPLATE**



**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

ATTACHMENT VII

USEPA SIGNIFICANT NON-COMPLIANCE MEMOS

- September 9, 1991 – Application and Use of the Regulatory Definition of Significant Non-compliance for Industrial Users
- January 17, 1992 – Determining Industrial User Significant Non-compliance, One Page Summary



Appendix G. EPA Memorandum, *Application and Use of the Regulatory Definition of Significant Noncompliance for Industrial Users*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 9 1991

OFFICE OF
WATER

MEMORANDUM

SUBJECT: Application and Use of the Regulatory Definition of Significant Noncompliance for Industrial Users

FROM: Michael B. Cook, Director *Michael B. Cook*
Office of Wastewater Enforcement and Compliance

TO: Water Management Division Directors, Regions I-X
Approved Pretreatment State Coordinators

Background:

On July 24, 1990, the Agency replaced the definition of "significant violation" with the definition of "significant noncompliance" (SNC) [see 40 CFR 403.8(f)(2)(vii) and 55 Fed. Reg. 30082]. This change eliminated the inconsistencies which arose in applying the significant violation criteria and established more parity in tracking violations committed by industrial users. The definition of SNC parallels the Pretreatment Compliance Monitoring and Enforcement Guidance (PCME) definition of SNC published in 1986.

This memorandum responds to several questions from States, publicly owned treatment works (POTWs), and industry regarding the application of the SNC definition. One frequently asked question is whether the time frame for determining SNC for technical review criteria effluent violations is a static six month period (i.e., a fixed six month calendar interval) or a rolling six month time frame (i.e., the current day minus six months). POTWs and industry have also inquired whether all data must be used to calculate SNC. The following discussion is provided to promote consistency in the application of this definition. Regions, States and POTWs should determine SNC in the manner prescribed below.

Pretreatment POTWs are required to notify the public of significant industrial users which meet the definition of SNC through publication in the newspaper. The POTW should also use the SNC criteria as the basis for reporting an industrial user's compliance status to the Approval Authority in its Pretreatment Performance Report. According to 40 CFR 403.12(i)(2), the POTW must report on the compliance status of its industrial user universe at the frequency specified by the State or EPA National Pollution Discharge Elimination System (NPDES) permit, but in no case less than once per year. Finally, the definition of SNC is used to determine whether a formal enforcement action against a user is warranted in accordance with the POTW's Enforcement Response Plan (ERP).

Applying the Definition: Use of the Six Month Time Frame:

There are seven criteria set forth in §403.8(f)(2)(vii). Two of these criteria concern violations evaluated over a six month time frame. The Agency intends for Control Authorities to evaluate these criteria on a rolling basis. The EPA's long established practice in the NPDES program is to evaluate SNC for direct dischargers each quarter using data from the previous six months. Similarly, Control Authorities should determine SNC for their universe of industrial users on the same rolling quarters basis using fixed quarters established by the Control Authority to correspond to its "pretreatment year" (e.g., March 31, June 30, September 30 and December 31).

At the end of each quarter, POTWs and States are to evaluate their industrial user's compliance status using the two criteria of the SNC definition which are evaluated on a six month time frame (i.e., the "A" and "B" criteria under the regulatory definition). Under this system, each industrial user is evaluated for SNC four times during the year, and the total evaluation period covers 15 months (i.e., beginning with the last quarter of the previous pretreatment year through the end of the current year). When the POTW is required to publish, it must list in the newspaper all industrial users which have been identified as SNC during the previous year (i.e., the SNC criteria were met during any of the previous four quarters).

If a facility has been determined to be in SNC based solely on violations which occurred in the first quarter of the 15 month evaluation period (i.e., the last quarter of the previous pretreatment year) and the facility has demonstrated consistent compliance in the subsequent four quarters, then the POTW is not required to republish the Industrial User (IU) in the newspaper if the IU was published in the previous year for the same violations.

Use of Industrial User and POTW Data in Determining SNC:

Several POTWs have inquired whether all data, including Control Authority sampling and industrial user self-monitoring, must be used in determining SNC. This question arises from the concern that an industrial user may choose to conduct its sampling efforts at times in which it knows that it is in compliance (e.g., during early morning start-up or during periods in which the industrial process is down). The concern is that use of these unrepresentative data will allow the industry to craft its compliance status such that it will never be in SNC.

The regulation defining SNC clearly requires that all measurements taken in the appropriate six month period must be used to determine a facility's SNC status. Therefore, any and all samples obtained through appropriate sampling techniques which have been analyzed in accordance with the procedures established in 40 CFR Part 136 must be used to determine whether the facility is in SNC.

The General Pretreatment Regulations further state that periodic compliance reports must be based on data obtained through appropriate sampling and analysis, and the data must be representative of conditions occurring during the reporting period [403.8(f)(1)(iv)]

and 403.12(g)(3)]. The Control Authority must require that frequency and scope of industrial user self-monitoring necessary to assess and assure compliance by industrial users with applicable pretreatment standards and requirements.

The nature and scope of the sampling undertaken by an industrial user is under the control of the Control Authority through the issuance of an industrial user permit. These permits should specify the sampling locations and sample collection method necessary to ensure that representative samples are obtained for all regulated waste streams. By requiring industrial users to obtain representative samples, the Control Authority will ensure that industrial users do not evade noncompliance through selective sampling of their industrial processes.

Conclusion:

The Control Authority is required to screen all compliance data, whether generated through industrial user self-monitoring or by the Control Authority, to identify any violations of pretreatment requirements. Whenever there is a violation, the Control Authority must take appropriate enforcement action, as defined in its ERP. After this initial enforcement response, the Control Authority should closely track the industrial user's progress toward compliance by increasing the frequency of user self-monitoring, increasing the POTW's monitoring, or both.

When follow-up activity indicates that the violations persist or that satisfactory progress toward compliance is not being made, the Control Authority is required to escalate its enforcement response in accordance with the procedures established in its ERP. At a minimum EPA expects POTWs to address SNC with an enforceable order that requires a return to compliance by a specific deadline. When this enforceable order involves a compliance schedule, the industrial user remains in SNC during the period of the schedule (unless the facility returns to compliance prior to the end of the schedule). For example, if the duration of the schedule is two years, the facility should be published in both years. Of course, the POTW should explain in its publication that the violations have been addressed with a formal enforcement action (similar to a "resolved pending" listing on the Quarterly Noncompliance Report).

The definition of SNC provides a benchmark against which the compliance status of an industrial user and the enforcement activities of POTWs can be measured. The concept of significant noncompliance plays a pivotal role in the implementation and enforcement of the National Pretreatment Program. In order for the definition to succeed, it is critical that each Control Authority apply it on a consistent basis. If you have any further questions on this issue, please feel free to call me at (202) 260-5850. The staff person familiar with these issues is Lee Okster at (202) 260-8329.

cc: Cynthia Dougherty
Regional Water Compliance Branch Chiefs
Regional Pretreatment Coordinators
Lead Regional Pretreatment Attorneys



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 17 1992

OFFICE OF
WATER

MEMORANDUM

SUBJECT: Determining Industrial User Significant Noncompliance - One Page Summary

FROM: Mark D. Charles, Chief *Mark D. Charles*
RCRA and Pretreatment Enforcement Section

TO: Regional Pretreatment Coordinators, Regions I-X

During a recent Pretreatment Coordinator's conference call with Headquarters pretreatment staff, a suggestion was made to prepare a one page visual summary of how to determine Significant Noncompliance (SNC) for Industrial Users (IUs). This request was made in response to the Agency's policy memorandum explaining the correct procedure for applying the SNC definition to IUs. As a result of that request, we have prepared such a visual summary and are now making it available for distribution to your Approved States and POTWs.

The summary presents a chronological example of the steps which a Control Authority should follow when evaluating the compliance status of an industrial user vis-a-vis the SNC definition. The example assumes a "Pretreatment Year" (or "Year") equal to the calendar year and brackets the "Year" with heavy black lines to separate it from the previous and subsequent "Years."

The example illustrates the rolling quarters concept by presenting the six month evaluation periods for SNC determination as coupled quarters. For the purpose of the attached example, the end of each relevant quarter (i.e., the date on which the SNC determination should be made) is March 30th, June 30th, September 30th, and December 31st. As outlined in the policy memorandum, the POTW must publish all IUs which were identified in SNC during the "Year," unless the IU was previously published for violations which occurred solely in the last quarter of the previous "Year."

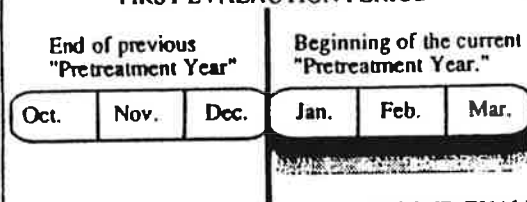
If you have any questions regarding this summary or the application of the definition in general, please feel free to call Lee Okster of my staff at (FTS) 260-8329.

cc: Jeff Lape

Determination of Industrial User (IU) Significant Noncompliance (SNC)

1. The POTW (in conjunction with the Approval Authority) must establish its "Pretreatment Year."
2. At the end of each quarter, POTWs and States should evaluate their IU's compliance status for the two criteria which are evaluated on a six month time frame (i.e., the "A" and "B" criteria - 403.8(f)(2)(vii)(A) and (B)) as illustrated below. The example below assumes a "Pretreatment Year" equal to the calendar year.

FIRST EVALAUTION PERIOD



SECOND EVALUATION PERIOD



THIRD EVALUATION PERIOD



FOURTH EVALUATION PERIOD



3. At the end of the first quarter (March 30th in our example), the POTW must evaluate the data from an industrial user for the previous six months (e.g., beginning with October 1 of the previous "Pretreatment Year" as in our example). Likewise, the POTW must evaluate six months of data at the end of each subsequent quarter (e.g., June 30th, September 30th, and December 31st).

4. At the end of the "Pretreatment Year," the POTW must summarize the compliance status of its industrial users over the reporting period and report on this compliance status to the Approval Authority. The POTW must publish all industrial users which were identified in SNC during the "Pretreatment Year," unless the IU was previously published for violations which occurred solely in the last quarter of the previous "Year."

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

ATTACHMENT VIII

NOV TEMPLATE



Village of Carol Stream
Waste Water Treatment Plant
Industrial Pretreatment Program
245 Kuhn Road
Carol Stream, IL 60188



Notice of Violation No:

NOV Sent:

NOV Ackn:

NOTICE OF VIOLATION

Permit No:

SIC Code:

Notice of Violation Issued By:

For questions contact:

Date of Violation

Type of monitoring

Ordinance Citation

Violation Type

Important: Noncompliance may lead to an enforcement action and may result in publication of its name in an appropriate newspaper in accordance with 40 CFR 403.8 (f) (2) (vii).

Comments or
Instructions

Acknowledgement of Receipt of Notice of Violation by DISCHARGER:

Name: Signature

Print Name

Title: Date:

Important: You are required to acknowledge receipt of this notice of violation (NOV) by filling out the above information and address any special comments or instructions listed above, sign this notice and send it back to the VILLAGE at the address shown in the above left hand corner within 3 days of receiving this NOV. If you choose to fax in your response, you must deliver all originals within **24 Hours.**

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT IX
USEPA SHOW CAUSE ORDER TEMPLATE**



EXAMPLE SHOW CAUSE ORDER
DIVISION OF WATER AND WASTEWATER SERVICES
[NAME OF CITY]

IN THE MATTER OF

**[NAME OF INDUSTRY]
ADDRESS**

*
*
*
*
*
*
*

**ADMINISTRATIVE
SHOW CAUSE ORDER**

LEGAL AUTHORITY

The following findings are made and order issued pursuant to the authority vested in the Superintendent of Wastewater Services, under Section ___ of the City's Sewer Use Ordinance. This order is based on findings of violation of the conditions of the wastewater discharge permit issued under Section ___ of the City's Sewer Use Ordinance.

FINDINGS

1. *[Industry] discharges nondomestic wastewater containing pollutants into the sanitary sewer system of the City of ___ (hereafter, "City").*
2. *[Industry] is a "significant industrial user" as defined by Section ___ of the City's Sewer Use Ordinance.*
3. *[Industry] was issued a wastewater discharge permit on January 1, 1988, which contains prohibitions, restrictions, and other limitations on the quality of the wastewater it discharges to the sanitary sewer.*
4. *Pursuant to the ordinance and the above-referenced permit, data is routinely collected or submitted on the compliance status of [Industry].*
5. *This data shows that [Industry] has violated its wastewater discharge permit in the following manner:*
 - a. *[Industry] has violated its permit limits for copper and zinc in each sample collected between January, 1988, and January, 1989, for a total of 24 separate violations of the permit.*
 - b. *[Industry] has failed to submit a periodic compliance report due March 31, 1989.*
 - c. *All of these violations satisfy the City's definition of significant violation.*

FIGURE 5-3.3

ORDER

THEREFORE. BASED ON THE ABOVE FINDINGS, [INDUSTRY] IS HEREBY ORDERED TO:

1. *Appear at a meeting with the Superintendent of Sewer Services to be held on June 21, 1989, at 2:00 p.m., in room 211 of the Municipal Building.*
2. *At this meeting, [Industry] must demonstrate why the City should not pursue a judicial enforcement action against [Industry] at this time.*
3. *This meeting will be closed to the public.*
4. *Representatives of [Industry] may be accompanied by legal counsel if they so choose.*
5. *Failure to comply with this order shall also constitute a further violation of the Sewer Use Ordinance and may subject [Industry] to civil or criminal penalties or such other appropriate enforcement response as may be appropriate.*
6. *This order, entered this 19th day of May, 1989, shall be effective upon receipt by [Industry].*

Signed: _____

[Name]
Superintendent of Sewer Services
[Address]

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

ATTACHMENT X

USEPA COMPLIANCE ORDER TEMPLATE



EXAMPLE COMPLIANCE ORDER

DIVISION OF WATER AND WASTEWATER SERVICES

[NAME OF CITY]

IN THE MATTER OF

**[NAME OF INDUSTRY]
[ADDRESS]**

*
*
*
*
*
*
*

**ADMINISTRATIVE
COMPLIANCE ORDER**

LEGAL AUTHORITY

The following findings are made and order issued pursuant to the authority vested in the Superintendent of Wastewater Services, under Section ___ of the City's Sewer Use Ordinance. This order is based on findings of violation of the conditions of the wastewater discharge permit issued under Section ___ of the City's Sewer Use Ordinance.

FINDINGS

1. *[Industry] discharges nondomestic wastewater containing pollutants into the sanitary sewer system of the City of _____ (hereafter, "City").*
2. *[Industry] is a "significant industrial user" as defined by Section ___ of the City's Sewer Use Ordinance.*
3. *[Industry] was issued a wastewater discharge permit on January 1, 1988, which contains prohibitions, restrictions, and other limitations on the quality of the wastewater it discharges to the sanitary sewer.*
4. *Pursuant to the ordinance and the above-referenced permit, data is routinely collected or submitted on the compliance status of [Industry].*
5. *This data shows that [Industry] has violated its wastewater discharge permit in the following manner:*
 - a. *[Industry] has violated its permit limits for copper and zinc in each sample collected between January, 1988, and January, 1989, for a total of 24 separate violations of the permit.*
 - b. *[Industry] has failed to submit all periodic compliance reports due since March 31, 1989.*
 - c. *All of these violations satisfy the City's definition of significant violation.*

FIGURE 5-3.4

ORDER

THEREFORE, BASED ON THE ABOVE FINDINGS, [INDUSTRY] IS HEREBY ORDERED TO:

1. *Within 180 days, install pretreatment technology which will adequately treat [Industry]'s wastewater to a level which will comply with its wastewater discharge permit.*
2. *Within 5 days, submit all periodic compliance reports due since March 31, 1989.*
3. *Within 10 days, pay to the cashier's office of the Division of Sewer Services, a fine of \$2,000.00 for the above-described violations in accordance with Section ___ of the Sewer Use Ordinance.*
4. *Report, on a monthly basis, the wastewater quality and the corresponding flow and production information as described on page 9 of the wastewater discharge permit for a period of one year from the effective date of this order.*
5. *All reports and notices required by this order shall be sent, in writing, to the following address:*

*Pretreatment Coordinator
Wastewater Treatment Plant
[Address]*

6. *This order does not constitute a waiver of the wastewater discharge permit which remains in full force and effect. The City of [Industry] reserves the right to seek any and all remedies available to it under Section ___ of the Sewer Use Ordinance for any violation cited by this order.*
7. *Failure to comply with the requirements of this order shall constitute a further violation of the sewer use ordinance and may subject [Industry] to civil or criminal penalties or such other appropriate enforcement response as may be appropriate.*
8. *This order, entered this 19th day of May, 1989, shall be effective upon receipt by [Industry].*

Signed: _____

[Name]
Superintendent of Sewer Services
[Address]

FIGURE 5-3.4 (Continued)

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT XI
USEPA CEASE AND DESIST ORDER TEMPLATE**



EXAMPLE CEASE AND DESIST ORDER
DIVISION OF WATER AND WASTEWATER SERVICES
[NAME OF CITY]

IN THE MATTER OF

NAME OF INDUSTRY
ADDRESS

*
*
*
*
*
*
*

CEASE AND DESIST ORDER

LEGAL AUTHORITY

The following findings are made and order issued pursuant to the authority vested in the Superintendent of Wastewater Services, under Section ___ of the City's Sewer Use Ordinance. This order is based on findings of violation of the conditions of the wastewater discharge permit issued under Section ___ of the City's Sewer Use Ordinance.

FINDINGS

1. *[Industry] discharges nondomestic wastewater containing pollutants into the sanitary sewer system of the City of _____.*
2. *[Industry] is a "significant industrial user" as defined by Section ___ of the City's Sewer Use Ordinance.*
3. *[Industry] was issued a wastewater discharge permit on January 1, 1988 which contains prohibitions, restrictions, and other limitations on the quality of the wastewater it discharges to the sanitary sewer.*
4. *Pursuant to the ordinance and the above-referenced permit, data is routinely collected or submitted on the compliance status of [Industry].*
5. *This data shows that [Industry] has violated the Sewer Use Ordinance in the following manner:*
 - a. *[Industry] has continuously violated its permit limits for copper and zinc in each sample collected between January, 1986 and January, 1989.*
 - b. *[Industry] has also failed to comply with an administrative compliance order requiring the installation of a pretreatment system and the achievement of compliance with its permit limits by July 1, 1989.*
 - c. *[Industry] has failed to appear at a show cause hearing pursuant to an order requiring said attendance.*

FIGURE 5-3.1

ORDER

THEREFORE, BASED ON THE ABOVE FINDINGS, [INDUSTRY] IS HEREBY ORDERED TO:

1. *Within 24 hours of receiving this order, cease all nondomestic discharges into the City's sanitary sewer. Such discharges shall not recommence until such time as [Industry] is able to demonstrate that it will comply with its current permit limits.*
2. *Failure to comply with this order may subject [Industry] to having its connection to the sanitary sewer sealed by the City, and assessed the costs therefor.*
3. *Failure to comply with this order shall also constitute a further violation of the sewer use ordinance and may subject [Industry] to civil or criminal penalties or such other enforcement response as may be appropriate.*
4. *This order, entered this 12th day of August, 1989, shall be effective upon receipt by [Industry].*

Signed: _____

[Name]
Superintendent of Sewer Services
[City] Municipal Building
[Address]

**VILLAGE OF CAROL STREAM
ENFORCEMENT RESPONSE PLAN**

**ATTACHMENT XII
REPORTING VIOLATION LATE FEES**



VILLAGE OF CAROL STREAM – REPORTING VIOLATION LATE FEES

ARTICLE 15: SUPPLEMENTAL ENFORCEMENT ACTION

xx.1501 Failure to Report or Notify

A. Sewer Permits

Any entity who fails to file for and obtain a sewer connection and/or discharge permit prior to commencing construction of said connection required by this Ordinance may be subject to the following late filing fees in addition to connection or annexation fees:

- | | |
|------------------|---------------------|
| 1. First Notice | Issuance of Warning |
| 2. Second Notice | \$250.00 |

B. Village Reports or Notifications

Any entity who fails to file any report or notification so required by this Ordinance may be subject to the following late filing fees:

- | | |
|--|---------------------|
| 1. Less than 30 calendar days past due | Issuance of Warning |
| 2. Recurring reporting violations or
30 or more calendar days past due | \$100.00 |
| 3. Substantial Change Notification
No written notification of substantial changes whether
Discharged or not: | |
| At start-up or shutdown | \$500.00 |
| In excess of 30 calendar days | \$100.00 |

C. Reports or Notifications required by Significant or Categorical Industrial Users

Any entity who fails to file any Periodic Pretreatment Report (Semi-Annual), Baseline Monitoring Report, or 90-day Final Compliance Report so required by this Ordinance may be subject to the following late filing fees:

- | | |
|--|---------------------|
| 1. Less than 30 calendar days past due | Issuance of Warning |
| 2. 30 or more calendar days past due | \$250.00 |
| 3. Substantial changes
No written notification of substantial changes whether
Discharged or not: | |
| At start-up or shutdown | \$1000.00 |
| In excess of 30 calendar days | \$200.00 |

D. Ownership Notification Specific to Entities With Wastewater Discharge Permits

- | | |
|--|-----------|
| 1. No written notification of change in ownership and/or
operation of facility, or any portion thereof with an individual permit. | \$1000.00 |
| 2. No written notification of change in ownership and/or
operation of facility, or any portion thereof with a general permit. | \$500.00 |

RESOLUTION NO. _____

**A RESOLUTION DECLARING SURPLUS PROPERTY
OWNED BY THE VILLAGE OF CAROL STREAM**

WHEREAS, in the opinion of the corporate authorities of the Village of Carol Stream, Illinois, it is no longer necessary or useful, or for the best interests of the Village of Carol Stream to retain ownership of the personal property described in "Exhibit A"; and

WHEREAS, the described personal property has been determined by the corporate authorities of the Village of Carol Stream to have negligible value to the Village; and

WHEREAS, it has been determined by the Mayor and Board of Trustees of the Village of Carol Stream to dispose of the surplus property.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DUPAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWER, as follows:

SECTION 1: That the Mayor and Board of Trustees of the Village of Carol Stream find that the personal property described in Exhibit "A", now owned by the Village of Carol Stream, is no longer useful and authorize its disposal per the attached memorandum dated June 10, 2020.

SECTION 2: This resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED AND APPROVED THIS 15th DAY OF JUNE, 2020

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr., Mayor

ATTEST:

Laura Czarnecki, Village Clerk

EXHIBIT "A"

Village of Carol Stream
Interdepartmental Memo

TO: Bob Mellor, Village Manager
FROM: Philip J. Modaff, Director of Public Works
DATE: June 10, 2020
RE: Surplus- John Deere Zero Turn Mower #595 and John Deere Zero Turn Mower #598

The Department has identified the equipment below to be declared surplus.

Mower 595- 2008 John Deere TC997SC Zero Turn Mower



(stock image)

Mower 598- 2010 John Deere 997 Zero Turn Mower 72 Deck



Public Works conducted an analysis and determined that the ongoing repair and maintenance costs for these mowers exceeded any benefits to keeping this equipment. Their replacements were budgeted in FY21 and have already been purchased.

Staff recommends that this item be declared surplus by the Mayor and Board of Trustees and that the Public Works Director be authorized to dispose of it via public auction.

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on JUNE 15,2020**

AGENDA ITEM
L-1 6/15/20

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
1ST CHOICE EQUIPMENT, LLC					
JN SEAL	66.95	01696200-53354	PARTS PURCHASED	PSO005857-1	
	<u>66.95</u>				
5 STAR WINDOW TINTING					
WINDOW TINT 4/24/20	893.11	03395100-53317	OPERATING SUPPLIES	5776	
	<u>893.11</u>				
ACCURATE OFFICE SUPPLY CO					
OFFICE SUPPLIES	95.18	01610100-53317	OPERATING SUPPLIES	515977	
OFFICE SUPPLIES	8.42	01662600-53314	OFFICE SUPPLIES	496688	
OFFICE SUPPLIES	19.68	01662600-53314	OFFICE SUPPLIES	511686	
OFFICE SUPPLIES	46.13	01600000-53314	OFFICE SUPPLIES	497490	
OFFICE SUPPLIES	77.30	01662600-53314	OFFICE SUPPLIES	511501	
OFFICE SUPPLIES	114.81	01662600-53314	OFFICE SUPPLIES	510833	
OFFICE SUPPLIES-REFUND	-14.90	01662600-53314	OFFICE SUPPLIES	511515	
	<u>346.62</u>				
ADVANCE AUTO PARTS PROFESSIONAL					
JN CLEVIS SLIP HOOK	43.28	01696200-53354	PARTS PURCHASED	2420-465688	
MA FITTINGS	7.86	01696200-53354	PARTS PURCHASED	2420-465432	
AP BRAKE PAD	40.94	01696200-53354	PARTS PURCHASED	2420-464315	
AP BRAKE PADS	270.64	01696200-53354	PARTS PURCHASED	2420-464267	
	<u>362.72</u>				
AIR ONE EQUIPMENT INC					
HIPBOOTS-MARCUS P.	211.00	04200100-53324	UNIFORMS	153586	
	<u>211.00</u>				
ALLEGIANT FIRE PROTECTION					
ANNUAL FIRE INSPECTION	465.00	01680000-52244	MAINTENANCE & REPAIR	SO017000	
ANNUAL FIRE INSPECTION-FARMHOUSE	195.00	01680000-52244	MAINTENANCE & REPAIR	SO016999	
	<u>660.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on JUNE 15,2020**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
AMAZON.COM					
BATTERY CHARGER	37.98	04201600-53317	OPERATING SUPPLIES	5533040	
BLANK MEDIA	106.08	01662700-53317	OPERATING SUPPLIES	6624208-1	
BLANK MEDIA	115.98	01662700-53317	OPERATING SUPPLIES	8251401	
BLANK MEDIA	151.96	01662700-53317	OPERATING SUPPLIES	6624208	
CABLES	39.98	01662700-53317	OPERATING SUPPLIES	1336241	
COLORIMETER, CHLORINE	939.98	04201600-53350	SMALL EQUIPMENT EXPENSE	2164217	
EVIDENCE SUPPLIES	330.92	01662700-53317	OPERATING SUPPLIES	4909854	
HEAD LAMPS	476.16	04201600-53316	TOOLS	2439416	
HEAD LAMPS	476.16	04101500-53317	OPERATING SUPPLIES	2439416	
MISC. KID GIVEAWAYS	250.51	01664700-53317	OPERATING SUPPLIES	74938211	
ROCKER SWITCH	59.70	04201600-53317	OPERATING SUPPLIES	8537836	
SAFETY VESTS	35.98	04101500-53317	OPERATING SUPPLIES	7397836	
SAFETY VESTS	71.96	04101500-53317	OPERATING SUPPLIES	9157831-1	
SAFETY VESTS	110.94	04101500-53317	OPERATING SUPPLIES	9157831	
SOU LAB, DISPLAY COMPUTER	997.98	01652800-53317	OPERATING SUPPLIES	9802624	
THERMOMETER COVID-19	64.99	01560000-53390	COVID - 19 RESPONSE	4869062	
JEANS-TIM DAVENPORT	200.40	01670100-53324	UNIFORMS	3666624	
SAFETY VESTS	101.10	01670400-53317	OPERATING SUPPLIES	6889849	
SEASONAL GLOVES	159.10	01670400-53317	OPERATING SUPPLIES	3667420	
SWITCHES	41.99	04201600-54415	VEHICLES	5123410	
UPFIT MATERIALS	109.00	04201600-54415	VEHICLES	9058663	
UPFIT MATERIALS	266.94	04201600-54415	VEHICLES	4517035	
	5,145.79				
AMERICAN PLANNING ASSOCIATION-IL CHAPTER					
RENEWAL-DON BASTIAN	189.00	01530000-52234	DUES & SUBSCRIPTIONS	038844	
	189.00				
AMERICAN PUBLIC WORKS ASSOCIATION					
WINTER SNOW-ICE SUMMIT	85.00	01670200-52223	TRAINING	R290286	
	85.00				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on JUNE 15,2020**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
ARAMARK UNIFORM & CAREER APPAREL GROUP INC					
FIRST AID SUPPLIES	57.52	01670100-53317	OPERATING SUPPLIES	ORD4-004128	
HAND SANITIZER 4-GAL COVID-19	240.00	01560000-53390	COVID - 19 RESPONSE	B004545	
	297.52				
B & F CONSTRUCTION CODE SERVICES, INC					
616 HIAWATHA-PLUMBING INSPECTION	40.00	01643700-52253	CONSULTANT	12625-2	
	40.00				
BANANA REPUBLIC					
CLOTH ALLOW-DUNTEMAN	42.23	01662400-53324	UNIFORMS	TWF0M44	
CLOTH ALLOW-DUNTEMAN	87.39	01662400-53324	UNIFORMS	TWF0M44	
CLOTH ALLOW-DUNTEMAN	116.08	01662400-53324	UNIFORMS	TWWLKWX	
CLOTH ALLOW-DUNTEMAN	196.30	01662400-53324	UNIFORMS	TWF0M44	
CLOTH ALLOW-ROE	120.69	01662400-53324	UNIFORMS	TWH67C0	
	562.69				
BAXTER & WOODMAN INC					
WRC DEWATERING IMPROVEMENTS	381.00	04101100-54480	CONSTRUCTION	0213641 PO-3775	20210010
WRC DEWATERING-SOIL BORING	4,720.00	04101100-54480	CONSTRUCTION	0213642 PO-3780	
	5,101.00				
BEARY LANDSCAPING					
MOWING SERVICES MAY 2020	10,299.57	01670400-52272	PROPERTY MAINTENANCE	162496 PO-3786	20210012
MOWING-1333 LILAC	340.00	01642100-52260	WEED MOWING	164335	
	10,639.57				
BLOOMING COLOR OF ST CHARLES					
ARIDE & DUI BOOKS	356.00	01662300-53317	OPERATING SUPPLIES	263989-B	
	356.00				

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BLOOMINGDALE TOWNSHIP					
MOSQUITO MGMT MAY 2020	8,719.50	01670100-52269	MOSQUITO ABATEMENT	40102 PO-3790	20210011
MOSQUITO ABATEMENT APR 2020 PO-3698	8,719.50	01670100-52269	MOSQUITO ABATEMENT	40002.PO-20200013	
	<u>17,439.00</u>				
C S FIRE PROTECTION DISTRICT					
PERMITS MAY 2020	800.00	01-24416	DEPOSIT-FIRE DISTRICT PERMIT	PERMITS MAY 2020	
	<u>800.00</u>				
C S PUBLIC LIBRARY					
PPRT MAY 2020	5,196.56	01000000-41102	PERSONAL PROPERTY REPLAC TAX	PPRT MAY 2020	
	<u>5,196.56</u>				
CANON FINANCIAL SERVICES INC					
MAY CONTRACT, FEB-APR 2020	1,026.59	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	21451834	
	<u>1,026.59</u>				
CANON SOLUTIONS AMERICA					
COPIER MAINTENANCE 1/22-4/21/20	151.95	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	4032625229	
	<u>151.95</u>				
CAPUTO'S NEW FARM PRODUCE- CAROL STREAM INC					
D.W. FOR BATTERIES	7.16	01670300-53317	OPERATING SUPPLIES	00599115	
PAPER LUNCH BAGS COVID-19	4.20	01560000-53390	COVID - 19 RESPONSE	00876934	
	<u>11.36</u>				
CAROL STREAM LAWN & POWER					
GARBAGE PICKERS	239.50	01670400-53317	OPERATING SUPPLIES	447124	
LINE TRIMMER	227.00	01670400-53350	SMALL EQUIPMENT EXPENSE	447121	
	<u>466.50</u>				
CAROL STREAM PARK DISTRICT					
MAY 2020 PARK PASSES	30.00	01-24236	BARK PARK MEMBERSHIP	MAY 2020 PARK PASSES	
	<u>30.00</u>				

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CHAMPS SPORTS					
CLOTH ALLOW-BUSCH	-3.75	01664700-53324	UNIFORMS	8424915	
CLOTH ALLOW-BUSCH	63.75	01664700-53324	UNIFORMS	8424915	
	<u>60.00</u>				
CLARK BAIRD SMITH LLP					
LABOR COUNSEL MAY 2020	85.00	01570000-52238	LEGAL FEES	12687	
	<u>85.00</u>				
CLARKE ENVIROMENTAL MOSQUITO MGMNT					
MOSQUITO ABATEMENT-WAYNE MAY 2020	8,325.00	01670100-52269	MOSQUITO ABATEMENT	001009794 PO-3699	
	<u>8,325.00</u>				
COMCAST CABLE					
INTERNET FEE 4/20-5/19/20	86.95	01664700-53330	INVESTIGATION FUND	0483228 04/16/20	
PHONE 5/15-6/14/20	4,158.93	01652800-52230	TELEPHONE	101306399 05/15/20	
PHONE 4/15-5/14/20	4,143.55	01652800-52230	TELEPHONE	99619574 04/15/20	
	<u>8,389.43</u>				
COMED					
MORTON & LIES 4/27-5/27/20	237.52	01670300-53213	STREET LIGHT ELECTRICITY	0815164035 05/27/20	
	<u>237.52</u>				
COMMERCIAL RECREATION SPECIALISTS					
TC-LIGHT DETECTORS INSTALLATION	21,460.00	01670400-54412	OTHER EQUIPMENT	0014751 PO-3784	
	<u>21,460.00</u>				

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CONSTELLATION NEW ENERGY					
1345 GEROGETOWN-17481701501 4/20-5/19/20	18.84	01670300-53213	STREET LIGHT ELECTRICITY	7280332-7 05/20/20	
1NEND THORNHILL-17461398301 4/16-5/15/20	86.31	01670300-53213	STREET LIGHT ELECTRICITY	7280332-6 05/18/20	
300 BENNETT-LIGHTS #17491615301 4/21/5/20/20	1,182.54	01670300-53213	STREET LIGHT ELECTRICITY	7280332-16 05/26/20	
301 ANTELOPE-17472526601 4/17-5/18/20	60.99	01670300-53213	STREET LIGHT ELECTRICITY	7280332-11 05/19/20	
391 FLINT-17472587901 4/17-5/18/20	49.30	01670300-53213	STREET LIGHT ELECTRICITY	7280332-12 05/19/20	
403 SIOUX-LIGHTS 17472555001 4/17-5/18/20	20.77	01670300-53213	STREET LIGHT ELECTRICITY	7280332-3 05/19/20	
451 SILVERLEAF-LIGHTS 17472416901 4/17-5/18/20	37.42	01670300-53213	STREET LIGHT ELECTRICITY	7280332-1 05/19/20	
491 CHEYENNE TRL-17472456601 4/17-5/18/20	20.39	01670300-53213	STREET LIGHT ELECTRICITY	7280332-9 05/19/20	
500 N GARY-CONTROLLER 17472460601 4/17-5/18/20	105.19	01670300-53213	STREET LIGHT ELECTRICITY	7280332-5 05/19/20	
506 CHEROKEE-17472609501 4/17-5/18/20	41.85	01670300-53213	STREET LIGHT ELECTRICITY	7280332-4 05/19/20	
512 CANYON TRL-17472535601 4/17-5/18/20	18.79	01670300-53213	STREET LIGHT ELECTRICITY	7280332-8 05/19/20	
594 NEZ PERCE-17472532801 4/17-5/18/20	21.71	01670300-53213	STREET LIGHT ELECTRICITY	7280332-14 05/19/20	
796 PAWNEE-17472592901 4/17-5/18/20	53.78	01670300-53213	STREET LIGHT ELECTRICITY	7280332-15 05/19/20	
880 PAPOOSE-17472527301 4/17-5/18/20	99.51	01670300-53213	STREET LIGHT ELECTRICITY	7280332-13 05/19/20	
990 DEARBORN-17472648501 4/17-5/18/20	54.79	01670300-53213	STREET LIGHT ELECTRICITY	7280332-10 05/19/20	
	1,872.18				
COVERALL NORTH AMERICA INC					
JANITORIAL CONTRACT FY21 5/1-5/31/20	1,422.00	01670100-52276	JANITORIAL SERVICES	101658597 PO-3807	20210008
	1,422.00				
CYBERSOURCE CORP					
AUTHNET GATEWAY JUN 2020	25.00	01610100-52256	BANKING SERVICES	AUTHNET 06/30/20	
	25.00				
DISCOVERY BENEFITS					
FLEX ADMIN MAY 2020	225.00	01600000-52273	EMPLOYEE SERVICES	0001164228-IN	
	225.00				

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DOCUMENT IMAGING DIMENSIONS, INC					
TONER PD 5/4/20	298.00	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	1797	
TONER FINANCE	69.00	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	1792	
TONER PD 4/27/20	178.00	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	1790	
TONER-ENGINEERING, RECORDS	516.00	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	1769	
TONER-POLICE EVIDENCE	89.00	01652800-52226	OFFICE EQUIPMENT MAINTENANCE	1749	
	<u>1,150.00</u>				
DOJES FORENSIC SUPPLIES					
EVIDENCE SUPPLIES	81.62	01662700-53317	OPERATING SUPPLIES	21868	
	<u>81.62</u>				
DOUGLAS DUNTEMAN					
CLOTH ALLOW-DUNTEMAN OVERAGE REFUND	89.00	01662400-53324	UNIFORMS	2291639 REF	
	<u>89.00</u>				
DSW SHOEWAREHOUSE					
CLOTH ALLOW-ANDREJEVIC	59.99	01664700-53324	UNIFORMS	3838687850	
	<u>59.99</u>				
DUPAGE CHRYSLER DODGE JEEP					
MA PLATE BRACKET	19.44	01696200-53354	PARTS PURCHASED	79684	
MA PURGE VALVE	40.50	01696200-53354	PARTS PURCHASED	79528	
MA TRANS FILTER	182.49	01696200-53354	PARTS PURCHASED	79552	
AP SENSOR	128.59	01696200-53354	PARTS PURCHASED	79412	
	<u>371.02</u>				
DUPAGE WATER COMMISSION					
WATER PURCHASE-APR 2020	415,526.79	04201600-52283	DUPAGE CTY WATER COMMISSION	03/31/20-04/30/20	
	<u>415,526.79</u>				

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DYNEGY ENERGY SERVICES, LLC					
124 GERZEVSKE-PW FACILITY 3054113024 4/16-5/18/20	3,375.53	04201600-53210	ELECTRICITY	275664020051-3	
1348 CHARGER-249605700 4/16-5/14/20	428.85	04101500-53210	ELECTRICITY	275664020051-1	
191 TUBEWAY-LIFT STATION 0111013079 4/8-5/6/20	436.80	04101500-53210	ELECTRICITY	275664020051-2	
300 KUHN-3963097040 4/17-5/19/20	2,509.49	04201600-53210	ELECTRICITY	275664020051-4	
	6,750.67				
ENGINEERING RESOURCE ASSOCIATES INC					
PROFESSIONAL SVCS-CLEARWATER CT THRU 5/1/20	9,016.00	11740000-55488	STORMWATER UTILITIES	19102600.05 PO-606	
	9,016.00				
EXAMINER PUBLICATIONS INC					
LEGAL NOTICE-CASE 20-0013 SPECIAL USE 5/6/20	130.50	01530000-52240	PUBLIC NOTICES/INFORMATION	52897	
LEGAL NOTICE 4/22/20	373.50	01530000-52240	PUBLIC NOTICES/INFORMATION	52856	
	504.00				
FACEBOOK INC					
FACEBOOK AD	9.93	01520000-52240	PUBLIC NOTICES/INFORMATION	6411734	
FACEBOOK AD	25.00	01520000-52240	PUBLIC NOTICES/INFORMATION	6392813	
	34.93				
FBINAA					
FBINAA DUES	120.00	01660100-52234	DUES & SUBSCRIPTIONS	147899	
	120.00				
FEECE OIL CO					
DIESEL FUEL 5/27/20	98.19	04101500-53312	PWC DIESEL FUEL	3703993	
DIESEL FUEL 5/27/20	232.08	04201600-53312	PWC DIESEL FUEL	3703993	
DIESEL FUEL 5/27/20	276.71	01670400-53312	PWC DIESEL FUEL	3703993	
DIESEL FUEL 5/27/20	285.64	01670200-53312	PWC DIESEL FUEL	3703993	
MA OIL	456.50	01696200-53354	PARTS PURCHASED	1893010	
	1,349.12				

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FMCSA DRUG & ALCOHOL CLEARINGHOUSE					
CDL QUERY FOR PW	25.00	01600000-52225	EMPLOYMENT PHYSICALS	260UNNMD	
	<u>25.00</u>				
GALLS LLC					
UNIFORM-CHACON	10.85	01662700-53324	UNIFORMS	015503449	
UNIFORM-CHACON	104.30	01662700-53324	UNIFORMS	015417370	
	<u>115.15</u>				
GARVEY'S OFFICE SUPPLIES					
OFFICE SUPPLIES	15.99	01662600-53314	OFFICE SUPPLIES	PINV1913280	
OFFICE SUPPLIES	225.37	01662600-53314	OFFICE SUPPLIES	PINV1912983	
	<u>241.36</u>				
GENUINE PARTS COMPANY INC					
PARTS 5/1-5/31/20	42.54	01696200-53317	OPERATING SUPPLIES	11007487 05/31/20	
PARTS 5/1-5/31/20	49.99	01696200-53316	TOOLS	11007487 05/31/20	
PARTS 5/1-5/31/20	717.70	01696200-53354	PARTS PURCHASED	11007487 05/31/20	
	<u>810.23</u>				
GOVTEMPSUSA LLC					
ACCOUNTS CLERK-A RETSKE 5/24, 5/31/20	1,176.00	04103100-52253	CONSULTANT	3533316	
ACCOUNTS CLERK-A RETSKE 5/24, 5/31/20	1,176.00	04203100-52253	CONSULTANT	3533316	
LIBRARY TECH-N BOYD 5/24, 5/31/20	3,529.60	01652800-52253	CONSULTANT	3533315	
OFFICE MANAGER-D KALKE 5/24, 5/31/20	3,170.40	01590000-52253	CONSULTANT	3533314	
	<u>9,052.00</u>				
GRAINGER					
ARC FLASH GEAR	1,214.00	04101500-53317	OPERATING SUPPLIES	9525514965	
FLAM SAFETY CABINET	715.00	04201600-53317	OPERATING SUPPLIES	9523996594	
AP COUPLER	23.50	01696200-53354	PARTS PURCHASED	9510751994	
TIE DOWNS	65.00	04201600-54415	VEHICLES	9517404621	
	<u>2,017.50</u>				

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HAWK FORD OF ST CHARLES					
OUTSOURCING SERVICES	115.16	01696200-53353	OUTSOURCING SERVICES	133713	
	<u>115.16</u>				
HOME DEPOT					
TOGGLE SWITCH	4.89	01670400-53317	OPERATING SUPPLIES	0021388	
32OZ SPRAY BOTTLES	19.68	04201600-53317	OPERATING SUPPLIES	3025316	
GARBAGE BAGS	29.94	01670400-53317	OPERATING SUPPLIES	3025316	
HITCH FOR TRAILER	40.43	01662300-53350	SMALL EQUIPMENT EXPENSE	020614	
LEVEL LOGGERS	-10.69	01620600-53350	SMALL EQUIPMENT EXPENSE	WA85188003 REF	
LEVEL LOGGERS	176.62	01620600-53350	SMALL EQUIPMENT EXPENSE	WA85188003	
	<u>260.87</u>				
ILLINOIS ASSN OF CHIEFS OF POLICE					
IACP 2020-BACIDORE 8/6-8/8/20	400.00	01662300-52223	TRAINING	1292 BACIDORE	
IACP 2020-CLUEVER 8/6-8/8/20	400.00	01662300-52223	TRAINING	1291 CLUEVER	
IACP 2020-RUDELICH 8/6-8/8/20	400.00	01662300-52223	TRAINING	1294 RUDELICH	
IACP 2020-STAFIEJ 8/6-8/8/20	250.00	01662300-52223	TRAINING	1290 STAFIEJ	
IACP 2020-WAJDOWICZ 8/6-8/8/20	400.00	01662300-52223	TRAINING	1293 WAJDOWICZ	
	<u>1,850.00</u>				
ILLINOIS CITY COUNTY MANAGEMENT ASSN					
DUES & SUBSCRIPTIONS	167.50	01670100-52234	DUES & SUBSCRIPTIONS	11352	
MEMBERSHIP DUES-CAREY	234.25	01590000-52234	DUES & SUBSCRIPTIONS	11435	
MEMBERSHIP DUES-P MODAFF	194.75	01670100-52234	DUES & SUBSCRIPTIONS	11349	
	<u>596.50</u>				

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INTERGOVERNMENTAL PERSONNEL BENEFIT COOPERATIVE					
JUN 2020 INSURANCE	668.12	01643600-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	761.86	01670500-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	763.77	01641700-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,015.85	01670300-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,162.00	01640100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,185.13	04100100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,269.79	01670200-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,269.79	01670700-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,693.06	04101500-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,693.06	04201400-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	1,777.72	01670600-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	2,539.58	01690100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	2,684.03	01642100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	2,767.76	04103100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	2,767.76	04203100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	2,994.29	01652800-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	3,097.33	01590000-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	3,097.33	01680000-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	3,245.69	01662500-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	3,809.43	01696200-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	4,941.74	01643700-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	5,333.16	01670400-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	5,925.75	04200100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	6,433.67	04201600-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	6,680.38	01610100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	7,398.83	01620100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	7,618.80	01670100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	8,693.66	01662600-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	9,543.39	01662300-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	11,642.62	01662400-51111	GROUP INSURANCE	06012020	

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JUN 2020 INSURANCE	16,793.86	01664700-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	28,483.20	01660100-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	34,009.39	01600000-51111	GROUP INSURANCE	06012020	
JUN 2020 INSURANCE	51,156.34	01662700-51111	GROUP INSURANCE	06012020	
	244,918.14				
INTERNATIONAL ASSN OF CHIEF OF POLICE					
DUES-CUMMINGS	190.00	01660100-52234	DUES & SUBSCRIPTIONS	IACP 2020-CUMMINGS	
	190.00				
INTERNET PURCHASE MASTERCARD					
CLOTH ALLOW-BLAIR (UNIONSTANDARD)	49.93	01664700-53324	UNIFORMS	5682	
CLOTH ALLOW-BULLERI (MENS WEARHOUSE)	819.42	01662400-53324	UNIFORMS	114120005	
CLOTH ALLOW-BULLERI (MENS WEARHOUSE)	42.49	01662400-53324	UNIFORMS	113965718	
CLOTH ALLOW-ROE (SHOES.COM)	-5.60	01662400-53324	UNIFORMS	130084733	
SINK WASHER (BIG KAHUNA)	163.00	04201600-54415	VEHICLES	00198	
	1,069.24				
IT GLUE					
IT DOC SOFTWARE 4/9-5/9/20	114.00	01652800-52255	SOFTWARE MAINTENANCE	181682877	
	114.00				
J G UNIFORMS INC					
UNIFORM-LALLY	160.00	01662700-53324	UNIFORMS	71317	
UNIFORM-MOZALEWSKI	178.00	01662700-53324	UNIFORMS	71311	
UNIFORM-BULLERI	353.00	01662400-53324	UNIFORMS	70474	
	691.00				
JOE COTTON FORD					
AP DOOR PLATE	45.06	01696200-53354	PARTS PURCHASED	1898	
MA ELECT MOTOR	33.58	01696200-53354	PARTS PURCHASED	2058	
	78.64				

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KAMMES AUTO & TRUCK REPAIR INC					
STATE INSPECTIONS	350.00	01696200-53353	OUTSOURCING SERVICES	130885	
	<u>350.00</u>				
LAI, LTD.					
STORMWATER-CHECK VALVES	6,620.00	11740000-55488	STORMWATER UTILITIES	20-17324 PO-462614	
	<u>6,620.00</u>				
LECHNER & SONS					
MATS 5/13/20	46.53	01696200-53317	OPERATING SUPPLIES	2754665	
MATS 5/13/20	51.99	01670100-53317	OPERATING SUPPLIES	2754665	
MATS 5/6/20	46.53	01696200-53317	OPERATING SUPPLIES	2751694	
MATS 5/6/20	51.99	01670100-53317	OPERATING SUPPLIES	2751694	
MATS-4/22/20	51.99	01670100-53317	OPERATING SUPPLIES	2746846	
MATS-4/29/20	51.99	01670100-53317	OPERATING SUPPLIES	2749245	
TOWELS/WIPES-4/22/20	46.53	01696200-53317	OPERATING SUPPLIES	2746846	
TOWELS/WIPES-4/29/20	46.53	01696200-53317	OPERATING SUPPLIES	2749245	
	<u>394.08</u>				
LEXISNEXIS					
APRIL 2020 FEE	209.10	01662400-53330	INVESTIGATION FUND	20200430	
MARCH 2020 FEE	209.10	01662400-53330	INVESTIGATION FUND	20200331	
	<u>418.20</u>				
LIVE VIEW GPS INC					
MONTHLY FEE MAY 2020	79.90	01664700-53330	INVESTIGATION FUND	389613	
PRO RATE FEE MAY 2020	25.72	01664700-53330	INVESTIGATION FUND	391135	
	<u>105.62</u>				

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LOWE'S HOME CENTERS					
ANT TRAPS	5.78	01662400-53317	OPERATING SUPPLIES	7903219	
COUNTER SHIELD COVID-19	72.43	01560000-53390	COVID - 19 RESPONSE	88939620	
FENCING-NIAGARA DIG	2.19	04201600-52286	PAVEMENT RESTORATION	6569189	
FENCING-NIAGARA DIG	47.17	04201600-52286	PAVEMENT RESTORATION	7553243	
PHOTO EYES	34.44	01670300-53215	STREET LIGHT SUPPLIES	88706256	
SUPPLIES FOR CODA	34.24	03395000-52315	CANINE SERVICES	10360490	
LAWN BAGS	8.56	01680000-53319	MAINTENANCE SUPPLIES	16256867	
PAINT SUPPLIES	59.90	04201600-54415	VEHICLES	15264396	
	264.71				
LYNN PEAVEY COMPANY					
CRIME SCENE WIPES COVID-19	39.90	01560000-53390	COVID - 19 RESPONSE	369350	
FACE SHIELD COVID-19	72.45	01560000-53390	COVID - 19 RESPONSE	11159	
	112.35				
MARTIN IMPLEMENT SALES INC					
AP WIRE HARNESS ASSY	217.24	01696200-53354	PARTS PURCHASED	A75423	
STUMP GRINDER RENTAL	960.00	01670400-52264	EQUIPMENT RENTAL	R22630	
	1,177.24				
MAVERICK ARMS INC					
SHOTGUN PARTS	91.50	01662700-53317	OPERATING SUPPLIES	01199029	
	91.50				
MENARDS					
MAGNIFYERS	50.00	01662600-53317	OPERATING SUPPLIES	002492	
SUPPLIES FOR CODA	19.87	03395000-52315	CANINE SERVICES	032078	
SUPPLIES FOR CODA	33.79	03395000-52315	CANINE SERVICES	063218	
SUPPLIES FOR CODA	328.92	03395000-52315	CANINE SERVICES	055831	
	432.58				

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MERRELL					
CLOTH ALLOW-ZAKERSKI	292.19	01664700-53324	UNIFORMS	W1040943698	
	<u>292.19</u>				
MORALES, JUAN C					
BASSETT-C CADLE 6/8/20	500.00	01660100-52223	TRAINING	I200313826	
	<u>500.00</u>				
MULTISYSTEM MANAGEMENT COMPANY					
CUSTODIAL SVCS-MAY 2020	3,950.00	01680000-52276	JANITORIAL SERVICES	2262	
	<u>3,950.00</u>				
MUNICIPAL EMERGENCY SERVICES INC					
MASKS-CARLEY, INCROCCI	528.00	01662700-53322	EMERGENCY EQUIPMENT	IN1450800	
	<u>528.00</u>				
MUNICIPAL GIS PARTNERS INC					
MGP GIS SERVICES MAY 2020	9,756.80	01652800-52257	GIS SYSTEM	4970	
	<u>9,756.80</u>				

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N E M R T					
LOPEZ TRAINING	75.00	01662700-52223	TRAINING	270034	
LOPEZ TRAINING	150.00	01662700-52223	TRAINING	267107	
MOZALEWSKI TRAINING	200.00	01662700-52223	TRAINING	266098	
MOZALEWSKI TRAINING	200.00	01662700-52223	TRAINING	266116	
TRAINING-ANDREJEVIC 2/17-2/20/20	200.00	01664700-52223	TRAINING	270603	
TRAINING-JOY 11/13-11/14/20	300.00	01662700-52223	TRAINING	265426	
TRAINING-KRIESE, LOPEZ 1/10/20	75.00	01662700-52223	TRAINING	270034	
TRAINING-PASKEVICZ 11/11-11/15/19	100.00	01662400-52223	TRAINING	265581	
TRAINING-PLUMB 11/18-11/22/19	35.00	01662700-52223	TRAINING	265916	
TRAINING-RUDELICH, LOPEZ 12/5-12/6/19	150.00	01662700-52223	TRAINING	267107	
TRAINING-RUDELICH, MOZALEWSKI 11/19/19	200.00	01662700-52223	TRAINING	266098	
TRAINING-RUDELICH, MOZALEWSKI 11/20/19	200.00	01662700-52223	TRAINING	266116	
	1,885.00				
NATIONAL ENGRAVERS					
RETIREMENT PLAQUES-SAILER, ZOCHERT	172.00	01660100-53317	OPERATING SUPPLIES	78251	
	172.00				
NEENAH FOUNDRY COMPANY					
STORM WATER GRATE	107.00	01670600-53317	OPERATING SUPPLIES	367764	
	107.00				
NICOR					
124 GERZEVSKE-WELL#4 4/19-5/19/20	70.89	04201600-53230	NATURAL GAS	13811210007 05/20/20	
1348 CHARGER CT 4/22-5/21/20	121.64	04101500-53230	NATURAL GAS	86606011178 05/21/20	
	192.53				
NMI					
CC GATEWAY FEES MAY 2020	10.00	01610100-52256	BANKING SERVICES	273835487	
CC GATEWAY FEES MAY 2020	101.85	04103100-52221	UTILITY BILL PROCESSING	273842623	
CC GATEWAY FEES MAY 2020	101.85	04203100-52221	UTILITY BILL PROCESSING	273842623	
	213.70				

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O'REILLY AUTO PARTS					
AP HARDWARE	10.96	01696200-53354	PARTS PURCHASED	5514-225161	
AP STARTER	167.21	01696200-53354	PARTS PURCHASED	5514-224964	
	<u>178.17</u>				
OUTDOOR HOME SERVICES HOLDINGS LLC					
WEED CONTROL-110 LIES	1,000.00	01670400-52272	PROPERTY MAINTENANCE	117966809 PO-3705	
WEED CONTROL-VIL HALL	89.00	01670400-52272	PROPERTY MAINTENANCE	117971071 PO-3705	
	<u>1,089.00</u>				
PADDOCK PUBLICATIONS INC					
BID NOTICE-STREETLIGHT REPAIR 5/6/20	87.40	01520000-52240	PUBLIC NOTICES/INFORMATION	48083	
	<u>87.40</u>				
PERSPECTIVES					
EAP SERVICES 6/1-8/31/20	1,286.40	01600000-52273	EMPLOYEE SERVICES	95528	
	<u>1,286.40</u>				
POMPS TIRE SERVICE					
TWEELS FOR EXMARKS	1,691.00	10670000-54415	VEHICLES	410767654	
	<u>1,691.00</u>				
PRIORITY PRODUCTS INC					
TRUCK #3 SUPPLIES	24.19	04201600-53317	OPERATING SUPPLIES	950231	
TUBE CLAMPS	25.99	01696200-53317	OPERATING SUPPLIES	950231-001	
AP BOLTS	14.52	01696200-53354	PARTS PURCHASED	949650	
CABLE TIES	91.67	04201400-53333	NEW METERS	947537	
	<u>156.37</u>				
R.S. HUGHES					
FACE SHIELD HEADGEAR COVID-19	100.43	01560000-53390	COVID - 19 RESPONSE	A10317523-1	
	<u>100.43</u>				

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RAY O'HERRON CO					
UNIFORM-ESTRADA	100.00	01662700-53324	UNIFORMS	2027491	
UNIFORM-ESTRADA	233.73	01662700-53324	UNIFORMS	2025843	
UNIFORM-JOHNSON	87.96	01662700-53324	UNIFORMS	2025759	
UNIFORM-POPE	109.98	01664700-53324	UNIFORMS	2025842	
UNIFORM-RIEMER	79.98	01662700-53324	UNIFORMS	2025398	
UNIFORM-RUDELICH	133.96	01662300-53324	UNIFORMS	2027490	
UNIFORM-WAJDOWICZ	154.99	01662300-53324	UNIFORMS	2027489	
UNIFORM-WALKER	194.97	01662700-53324	UNIFORMS	2025150	
AMMO	1,775.00	01662700-53321	AMMUNITION	2025252	
DUTY FIREARM REPLACEMENT-ZOCHERT	409.00	01662700-53323	WEAPONS	2024217-CA	
UNIFORM-CUMMINGS	240.96	01660100-53324	UNIFORMS	2025234-CA	
UNIFORM-EAGAN	108.00	01662700-53324	UNIFORMS	3024672	
UNIFORM-NIELSEN	108.00	01662700-53324	UNIFORMS	2023877	
UNIFORM-PLUMB	54.99	01662700-53324	UNIFORMS	2023880	
UNIFORM-WALKER	254.98	01662700-53324	UNIFORMS	2023876	
UNIFORM-WILLIAMS	169.95	01662700-53324	UNIFORMS	2022964	
UNIFORM-WILLIAMS	329.94	01662700-53324	UNIFORMS	2023879	
	4,546.39				
RED WING SHOE STORE					
BOOTS-PATRICK TUNNEY	197.99	01670100-53324	UNIFORMS	76306	
	197.99				
REDISTRIP					
TRUCK #41 FRAME	2,000.00	01670500-54412	OTHER EQUIPMENT	131893	
	2,000.00				
REFUNDS MISC					
ALARM FEE FOR DIFFERENT VILLAGE	50.00	01000000-47407	MISCELLANEOUS REVENUE	022227	
	50.00				

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REFUNDS PRESERVATION BONDS					
19-51162-DRVW, #2163343, BOND REFUND	300.00	01-24302	ESCROW - GRADING	1191 LAKESIDE 06/20	
20-0209-PKGL, #2274859, BOND REFUND	500.00	01-24302	ESCROW - GRADING	199 EASY ST 06/20	
20-0210-PKGL, #2274859, BOND REFUND	1,000.00	01-24302	ESCROW - GRADING	545 FULLERTON 06/20	
20-0274-PATI, #2278817 PATIO BOND REFUND	200.00	01-24302	ESCROW - GRADING	1153 NEWBURG 06/20	
20-0278-DRVW, #2278812, DRIVEWAY BOND REFUND	300.00	01-24302	ESCROW - GRADING	1112 REGENCY 06/20	
20-0305-PATI, #2281782, BOND REFUND	200.00	01-24302	ESCROW - GRADING	1443 OXFORD 06/20	
20-0345-PATI, #2284649, BOND REFUND	200.00	01-24302	ESCROW - GRADING	1264 CHATTANOOGA	
20-0356-DRVW, #2285553, DRIVEWAY BOND REFUND	300.00	01-24302	ESCROW - GRADING	507 BURKE 06/20	
20-0360-STOO, #2285596, BOND REFUND	200.00	01-24302	ESCROW - GRADING	525 CHIPPEWA 06/20	
20-0378-DRVW, #2289700, BOND REFUND	300.00	01-24302	ESCROW - GRADING	1379 LANCE CT 06/20	
	3,500.00				
REFUNDS TAX STAMPS					
31429, 720 LEGENDS DR-TRANSFER STAMP	720.00	11000000-41208	REAL ESTATE TRANSFER TAX	STAMP 31429	
	720.00				
RENTAL MAX					
EQUIPMENT RENTAL	281.73	01670400-52264	EQUIPMENT RENTAL	412637-8	
EQUIPMENT RENTAL DEPOSIT	80.00	01670400-52264	EQUIPMENT RENTAL	412640-8	
REFUND INV 412637-8	-0.61	01670400-52264	EQUIPMENT RENTAL	412637-8 REF	
RENTAL-REFUND	-27.36	01670400-52264	EQUIPMENT RENTAL	412640-8 REF	
	333.76				
RESTAURANT-MASTERCARD					
MTG REFRESHMENTS 04/24/20 (ROSATIS)	40.58	01662400-52222	MEETINGS	161 04/24/20	
	40.58				
ROAD FABRICS					
2020 FLEX PAVEMENT	475.20	11740000-55486	ROADWAY CAPITAL IMPROVEMENTS	RF1Q14128	
2020 FLEX PAVEMENT	712.80	11740000-55486	ROADWAY CAPITAL IMPROVEMENTS	RF1Q14128	
	1,188.00				

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RON ROEHN					
TUITION REIMB-ROEHN 1/21-5/15/20	414.00	04200100-52223	TRAINING	TUITION 2020-ROEHN	
	414.00				
RUSH TRUCK CENTERS					
MA BATTERIES	494.50	01696200-53354	PARTS PURCHASED	3019402565	
MA DN LIGHT	1.82	01696200-53354	PARTS PURCHASED	3019474916	
	496.32				
RUSSO POWER EQUIPMENT					
AP MOTOR HOUSING	159.85	01696200-53354	PARTS PURCHASED	SP110194641	
	159.85				
SNAP ON INDUSTRIAL					
SOLDERING IRON	154.89	01696200-53316	TOOLS	ARV/43598891	
	154.89				
SQUEEGEE BROS INC					
DARE SHIRTS	1,087.50	01664700-53325	COMMUNITY RELATIONS	SBC5211	
	1,087.50				
STANDARD EQUIPMENT COMPANY					
NEW SEWER NOZZLE	534.66	04101500-53350	SMALL EQUIPMENT EXPENSE	P21596	
AP CONNECTOR	30.15	01696200-53354	PARTS PURCHASED	P21405	
AP PIN	28.64	01696200-53354	PARTS PURCHASED	P21406	
APX SERVICE	195.00	04101500-52244	MAINTENANCE & REPAIR	P21095	
MR RETURN	-597.81	01696200-53354	PARTS PURCHASED	P20641	
	190.64				
STEINER ELECTRIC COMPANY					
FOUNTAIN VIEW ST LIGHT	1,029.93	01670300-53317	OPERATING SUPPLIES	6603478.002	
TOWN CTR ST LIGHT	1,430.35	01670300-53215	STREET LIGHT SUPPLIES	6603478.004	
	2,460.28				

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STEVE PIPER & SONS INC					
EMERG. TREE REMOVAL	1,195.30	01670700-52268	TREE MAINTENANCE	14913 PO-3719	
	<u>1,195.30</u>				
STORMWIND LLC					
SECURITY TRAINING 4/24/20	1,790.00	01652800-52223	TRAINING	28749	
	<u>1,790.00</u>				
STROBES N MORE					
LED BLACK HOUSING	592.23	04201600-54415	VEHICLES	281801	
LED CHROME	162.46	04201600-54415	VEHICLES	281803	
	<u>754.69</u>				
SUBURBAN LABORATORIES INC					
WATER SAMPLES	1,150.00	04201600-52279	LAB SERVICES	176046	
	<u>1,150.00</u>				
SUMMIT SAFETY LLC					
HARD HAT SUSPENSION	33.12	04201600-53317	OPERATING SUPPLIES	278640A	
TAX REFUND-INV 1000283273	-1.95	04201600-53317	OPERATING SUPPLIES	1000321958	
	<u>31.17</u>				
SURVEY MONKEY					
CHARGEBACK PENDING	384.00	01600000-52234	DUES & SUBSCRIPTIONS	12345	
	<u>384.00</u>				
TARGET					
CLOTH ALLOW-HECK	269.34	01664700-53324	UNIFORMS	20200427	
CLOTH ALLOW-ZAKERSKI	66.97	01664700-53324	UNIFORMS	2-0121-0838-0075	
	<u>336.31</u>				
TESTING SERVICE CORP					
PO-462617, MATERIAL TESTING MAY 2020	2,796.25	11740000-55486	ROADWAY CAPITAL IMPROVEMENTS	IN116759	
	<u>2,796.25</u>				

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THE BOARD OF TRUSTEES OF THE UNIV OF ILL					
LAB TESTING	100.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-310	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-287	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-288	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-299	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-312	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-313	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-319	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-325	
LAB TESTING	175.00	01662300-53317	OPERATING SUPPLIES	H0692 2019-326	
	1,500.00				
THIRD MILLENIUM ASSOCIATES INCORPORATED					
BILL PRINTING 5/28/20	1,120.55	04103100-52221	UTILITY BILL PROCESSING	24864	
BILL PRINTING 5/28/20	1,120.55	04203100-52221	UTILITY BILL PROCESSING	24864	
GREEN PAY FEE-MAY 2020	225.00	04103100-52221	UTILITY BILL PROCESSING	24865	
GREEN PAY FEE-MAY 2020	225.00	04203100-52221	UTILITY BILL PROCESSING	24865	
	2,691.10				
THOMAS ENGINEERING GROUP, LLC					
SCHMALE RD WATERMAIN PHASE II 5/1-5/31/20	10,382.12	04201600-54480	CONSTRUCTION	20-134 PO-462582	20210009
	10,382.12				
TIF 3 NORTH AND SCHMALE RD					
SALES TAX-MAR 2020	-13,864.33	22000000-49340	SALES TAX CONTRIB - RDA#1	TIF3 06/30/20	
SALES TAX-MAR 2020	13,864.33	01720000-58340	SALES TAX TFR - RDA#1	TIF3 06/30/20	
SALES TAX-MAR 2020	13,864.33	22-11105	CASH - TRUST	TIF3 06/30/20	
	13,864.33				

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TITAN IMAGE GROUP, INC					
T-SHIRTS	268.90	01696200-53324	UNIFORMS	56779	
T-SHIRTS	345.10	04100100-53324	UNIFORMS	56779	
T-SHIRTS	409.70	04200100-53324	UNIFORMS	56779	
T-SHIRTS	618.35	01670100-53324	UNIFORMS	56779	
	<u>1,642.05</u>				
TITAN SUPPLY INC					
HAND SANITIZER COVID-19	568.00	01560000-53390	COVID - 19 RESPONSE	3657	
HAND SANITIZER COVID-19	880.00	01560000-53390	COVID - 19 RESPONSE	3660	
HAND SANITIZER COVID-19	880.00	01560000-53390	COVID - 19 RESPONSE	3661	
SAN SUPPLIES COVID-19	710.60	01560000-53390	COVID - 19 RESPONSE	3649	
	<u>3,038.60</u>				
TOPCON SOLUTIONS STORE					
25' TAPE	16.20	01620100-53317	OPERATING SUPPLIES	0344867	
	<u>16.20</u>				
TRANS UNION LLC					
CREDIT CHECKS APR 2020	90.00	01662400-53330	INVESTIGATION FUND	04000334	
	<u>90.00</u>				
TRANSYSTEMS CORPORATION					
LIES RD BIKE PATH PHASE II 4/25-5/22/20	6,040.93	11740000-55486	ROADWAY CAPITAL IMPROVEMENTS	04-3587392 PO-462609	20210007
	<u>6,040.93</u>				
TRI RIVER POLICE TRAINING REGION, INC					
MEMBERSHIP 7/1/20-6/30/21	6,000.00	01660100-52223	TRAINING	4845	
	<u>6,000.00</u>				

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TRISOURCE SOLUTIONS LLC					
TRISOURCE CC FEES MAY 2020	14.37	04103100-52221	UTILITY BILL PROCESSING	1420 06/02/20	
TRISOURCE CC FEES MAY 2020	14.38	04203100-52221	UTILITY BILL PROCESSING	1420 06/02/20	
TRISOURCE CC FEES MAY 2020	86.25	01610100-52256	BANKING SERVICES	1420 06/02/20	
TRISOURCE CC FEES MAY 2020	2,359.72	04103100-52221	UTILITY BILL PROCESSING	7833 06/02/20	
TRISOURCE CC FEES MAY 2020	2,359.72	04203100-52221	UTILITY BILL PROCESSING	7833 06/02/20	
	4,834.44				
ULINE SHIPPING SUPPLY SPECIALISTS					
SOAP COVID-19	48.82	01560000-53390	COVID - 19 RESPONSE	119948080	
SOAP DISPENSER COVID-19	34.52	01560000-53390	COVID - 19 RESPONSE	119686684	
	83.34				
UNITED RADIO COMMUNICATIONS					
MOBILE RADIO	377.02	04201600-54415	VEHICLES	106021309-1	
	377.02				
UNITED STATES POSTAL SERVICE					
CERTIFIED MAIL-OWNER	13.90	01662400-53317	OPERATING SUPPLIES	058702	
	13.90				
UPS GROUND SERVICE					
DUI KIT	11.16	01662400-53317	OPERATING SUPPLIES	031233	
	11.16				
USA BLUE BOOK					
SEWER PLUG	415.10	04101500-53350	SMALL EQUIPMENT EXPENSE	237707	
	415.10				
VALLEY FIRE PROTECTION SERVICES LLC					
BACKFLOW INSPECTION 5/6/20	239.90	01680000-52244	MAINTENANCE & REPAIR	168087	
	239.90				

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VELAN SOLUTIONS, LLC					
PEER SUPPORT	1,440.00	01662700-53317	OPERATING SUPPLIES	227	
	<u>1,440.00</u>				
VERIZON WIRELESS					
EMAG SERVICE	1.70	01652800-52230	TELEPHONE	9853823260	
	<u>1.70</u>				
VILLAGE OF CAROL STREAM					
124 GERZEVSKE-PW EAST PUMP STATION 4/1-5/8/20	86.67	04200100-53220	WATER	01612603-21254	
124 GERZEVSKE-PW NORTH GARAGE 4/1-5/1/20	57.14	01670100-53220	WATER	01612273-20874	
124 GERZEVSKE-PW WORK CENTER	112.46	01670100-53220	WATER	01612274-20875	
124 GERZEVSKE-WASH BIN 4/1-5/1/20	65.71	04200100-53220	WATER	01612606-21257	
245 N KUHN-BLOWER BLDG 1 4/1-5/1/20	0.42	04101500-53220	WATER	01612628-21279	
245 N KUHN-BLOWER BLDG 2 4/1-5/1/20	0.61	04101500-53220	WATER	01612627-21278	
245 N KUHN-BTH MAINT BLDG 4/1-5/1/20	1.20	04101500-53220	WATER	01612605-21256	
245 N KUHN-CS TREAT PLANT ADMIN 4/1-5/8/20	207.24	04101500-53220	WATER	01612271-20872	
245 N KUHN-HEAD WKS BLDG 4/1-5/1/20	0.09	04101500-53220	WATER	01612272-20873	
245 N KUHN-TREAT PLANT MAINT BLDG 4/1-5/1/20	2.86	04101500-53220	WATER	01612270-20871	
300 N KUHN-PW CHLORINE ANALYZER 4/1-5/1/20	92.90	04200100-53220	WATER	01612604-21255	
500 N GARY-VILLAGE HALL 4/1-5/1/20	146.01	01680000-53220	WATER	01612275-20876	
960 N GARY-DRINK FTN GZBO 4/3-5/1/20	0.20	01680000-53220	WATER	01612559-21204	
960 N GARY-VISITOR CNTR 4/1-5/1/20	2.91	01680000-53220	WATER	01612277-20878	
	<u>776.42</u>				
WAL MART					
CLEANING SUPPLIES, RETIREMENT CARDS 4/28/20	50.87	01660100-53317	OPERATING SUPPLIES	093767	
SPLIT - RETIREMENT	18.40	01600000-52242	EMPLOYEE RECOGNITION	093767	
	<u>69.27</u>				
WHEATON MULCH INC					
SAND FOR SANDBAGS	264.00	01670600-53317	OPERATING SUPPLIES	20-3000	
	<u>264.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on JUNE 15,2020**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
ZEIGLER OF SCHAUMBURG					
AP BRACKET	25.57	01696200-53354	PARTS PURCHASED	443114	
	<u>25.57</u>				
ZOOM VIDEO COMMUNICATIONS LLC					
AUDIO VIDEO CONFERENCE	73.08	01652800-52255	SOFTWARE MAINTENANCE	INV21505886	
ZOOM CONFERENCING	73.08	01652800-52255	SOFTWARE MAINTENANCE	INV16540469	
	<u>146.16</u>				
GRAND TOTAL	<u><u>\$901,471.49</u></u>				

The preceding list of bills payable totaling \$901,471.49 was reviewed and approved for payment.

Approved by:

Robert Mellor
Bob Mellor – Village Manager

Date: 6/12/20

Authorized by:

Frank Saverino Sr. – Mayor

Laura Czarnecki- Village Clerk

ADDENDUM WARRANTS
May 27, 2020 Thru June 15, 2020

Fund	Check #	Vendor	Description	Amount
General	A C H	Wheaton Bank & Trust	Payroll May 18, 2020 thru May 31, 2020	577,331.71
Water & Sewer	A C H	Wheaton Bank & Trust	Payroll May 18, 2020 thru May 31, 2020	57,953.88
				<u><u>635,285.59</u></u>

Approved this _____ day of _____, 2020

By: _____
 Frank Saverino Sr-Mayor

 Laura Czarnecki - Village Clerk

Village of Carol Stream
General Fund Budget Summary
For the Month Ended May 31, 2020

	MONTH				YTD				BUDGET						
	Last Year May	Current Year May	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Budget	YTD Actual	Variance \$ %			
REVENUES															
Property Tax	\$ -	\$ 30,682	\$ 30,682	100%	\$ -	\$ 30,682	\$ 30,682	100%	\$ 3,800,000	\$ -	\$ 30,682	\$ 30,682	100%		
Sales Tax	500,268	451,773	(48,495)	-10%	500,268	451,773	(48,495)	-10%	6,825,000	489,248	451,773	(37,475)	-8%		
Home Rule Sales Tax	364,438	298,342	(66,096)	-18%	364,438	298,342	(66,096)	-18%	5,016,000	359,570	298,342	(61,228)	-17%		
State Income Tax	797,452	400,368	(397,083)	-50%	797,452	400,368	(397,083)	-50%	4,170,000	664,589	400,368	(264,221)	-40%		
Utility Tax - Electricity*	134,475	-	(134,475)	-100%	134,475	-	(134,475)	-100%	-	-	-	-	0%		
Telecommunications Tax*	68,464	-	(68,464)	-100%	68,464	-	(68,464)	-100%	-	-	-	-	0%		
Fines (Court, Ord., ATLE, Towing)	140,984	76,364	(64,620)	-46%	140,984	76,364	(64,620)	-46%	1,451,000	122,590	76,364	(46,226)	-38%		
Natural Gas Use Tax	58,637	55,503	(3,134)	-5%	58,637	55,503	(3,134)	-5%	620,000	59,311	55,503	(3,807)	-6%		
Other Taxes (Use, Hotel, PPRT Real Estate*, Alcohol)	228,899	154,612	(74,287)	-32%	228,899	154,612	(74,287)	-32%	2,932,900	209,020	154,612	(54,408)	-26%		
Licenses (Vehicle, Liquor, etc.)	399,963	587,495	187,532	47%	399,963	587,495	187,532	47%	909,400	582,885	587,495	4,610	1%		
Cable Franchise Fees	112,510	109,001	(3,509)	-3%	112,510	109,001	(3,509)	-3%	545,500	45,458	109,001	63,543	140%		
Building Permits	95,799	44,566	(51,233)	-53%	95,799	44,566	(51,233)	-53%	640,500	60,500	44,566	(15,934)	-26%		
Fees for Services	74,931	63,002	(11,930)	-16%	74,931	63,002	(11,930)	-16%	815,400	84,825	63,002	(21,823)	-26%		
Interest Income	22,258	6,169	(16,089)	-72%	22,258	6,169	(16,089)	-72%	175,000	14,583	6,169	(8,414)	-58%		
All Other / Miscellaneous	83,579	50,983	(32,595)	-39%	83,579	50,983	(32,595)	-39%	1,049,300	87,608	50,983	(36,625)	-42%		
Revenue Totals	\$ 3,082,657	\$ 2,328,861	\$ (753,796)	-24%	\$ 3,082,657	\$ 2,328,861	\$ (753,796)	-24%	\$ 28,950,000	\$ 2,780,188	\$ 2,328,861	\$ (451,326)	-16%		
EXPENDITURES															
Fire & Police Commission	\$ 525	\$ 1,092	\$ 567	108%	\$ 525	\$ 1,092	\$ 567	108%	\$ 38,577	\$ 3,215	\$ 1,092	\$ (2,123)	-66%		
Village Board & Clerk	43,986	8,468	(35,518)	-81%	43,986	8,468	(35,518)	-81%	145,604	12,134	8,468	(3,666)	-30%		
Plan Commission & ZBA	-	-	-	0%	-	-	-	0%	6,025	502	-	(502)	-100%		
Emergency Services	-	3,930	3,930	100%	-	3,930	3,930	100%	98,000	-	3,930	3,930	100%		
Legal Services	22,914	11,475	(11,439)	-50%	22,914	11,475	(11,439)	-50%	284,260	23,688	11,475	(12,213)	-52%		
Village Clerk	2,132	-	(2,132)	-100%	2,132	-	(2,132)	-100%	-	-	-	-	0%		
Administration	60,242	89,748	29,506	49%	60,242	89,748	29,506	49%	897,408	74,784	89,748	14,964	20%		
Employee Relations	33,045	37,217	4,172	13%	33,045	37,217	4,172	13%	456,502	38,042	37,217	(825)	-2%		
Financial Management	66,587	45,635	(20,952)	-31%	66,587	45,635	(20,952)	-31%	741,009	61,751	45,635	(16,116)	-26%		
Engineering Services	121,713	83,675	(38,038)	-31%	121,713	83,675	(38,038)	-31%	1,318,773	109,898	83,675	(26,223)	-24%		
Community Development	107,076	93,340	(13,736)	-13%	107,076	93,340	(13,736)	-13%	1,118,882	93,240	93,340	100	0%		
Information Technology	97,297	70,641	(26,657)	-27%	97,297	70,641	(26,657)	-27%	1,509,876	125,823	70,641	(55,182)	-44%		
Police	1,376,603	1,362,134	(14,469)	-1%	1,376,603	1,362,134	(14,469)	-1%	17,144,390	1,428,699	1,362,134	(66,565)	-5%		
Public Works	230,540	237,533	6,993	3%	230,540	237,533	6,993	3%	4,052,375	337,698	237,533	(100,165)	-30%		
Municipal Building	34,795	25,753	(9,041)	-26%	34,795	25,753	(9,041)	-26%	440,359	36,697	25,753	(10,943)	-30%		
Municipal Garage	(11,569)	(18,495)	(6,926)	60%	(11,569)	(18,495)	(6,926)	60%	-	-	(18,495)	(18,495)	100%		
Transfers and Agreements	-	8,246	8,246	100%	-	8,246	8,246	100%	654,000	8,666	8,246	(420)	-5%		
Special Events	-	-	-	0%	-	-	-	0%	43,960	-	-	-	0%		
Expenditure Totals	\$ 2,185,884	\$ 2,060,392	\$ (125,493)	-6%	\$ 2,185,884	\$ 2,060,392	\$ (125,493)	-6%	\$ 28,950,000	\$ 2,354,836	\$ 2,060,392	\$ (294,444)	-13%		
Net Increase / (Decrease)	\$ 896,773	\$ 268,470	\$ (628,303)		\$ 896,773	\$ 268,470	\$ (628,303)		\$ -	\$ 425,352	\$ 268,470	\$ (156,882)			
Tfr. To Equip Replacement Fund		\$ 3,074,857				\$ 3,074,857					\$ 3,074,857				

* Reassigned to Capital Projects Fund in FY21.

Village of Carol Stream
Water and Sewer Fund Budget Summary
For the Month Ended May 31, 2020

	MONTH				YTD				BUDGET				
	Last Year May	Current Year May	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Budget	YTD Actual	Variance \$ %	
REVENUES													
Water Billings	\$ 654,492	\$ 662,612	\$ 8,119	1%	\$ 654,492	\$ 662,612	\$ 8,119	1%	\$ 8,881,000	\$ 696,625	\$ 662,612	\$ (34,013)	-5%
Sewer Billings	288,846	303,658	14,812	5%	288,846	303,658	14,812	5%	3,985,000	312,583	303,658	(8,925)	-3%
Penalties/Admin Fees	11,605	(224)	(11,829)	-102%	11,605	(224)	(11,829)	-102%	196,500	16,375	(224)	(16,599)	-101%
Connection/Expansion Fees	26,049	-	(26,049)	-100%	26,049	-	(26,049)	-100%	27,500	2,292	-	(2,292)	-100%
Interest Income	20,865	6,530	(14,336)	-69%	20,865	6,530	(14,336)	-69%	180,000	15,000	6,530	(8,470)	-56%
Rental Income	10,144	13,054	2,910	29%	10,144	13,054	2,910	29%	158,500	13,208	13,054	(154)	-1%
All Other / Miscellaneous	9,295	639	(8,656)	-93%	9,295	639	(8,656)	-93%	101,500	3,875	639	(3,236)	-84%
Revenue Totals	\$ 1,021,298	\$ 986,269	\$ (35,029)	-3%	\$ 1,021,298	\$ 986,269	\$ (35,029)	-3%	\$ 13,530,000	\$ 1,059,958	\$ 986,269	\$ (73,689)	-7%
EXPENDITURES													
Salaries & Benefits	\$ 122,399	\$ 138,504	\$ 16,105	13%	\$ 122,399	\$ 138,504	\$ 16,105	13%	\$ 1,990,555	\$ 153,120	\$ 138,504	\$ (14,616)	-10%
Purchase of Water	496,806	434,294	(62,512)	-13%	496,806	434,294	(62,512)	-13%	5,715,000	448,284	434,294	(13,991)	-3%
WRC Operating Contract	146,962	300,126	153,164	104%	146,962	300,126	153,164	104%	1,945,000	150,063	300,126	150,063	100%
Maintenance & Operating	106,371	78,280	(28,091)	-26%	106,371	78,280	(28,091)	-26%	2,985,302	248,775	78,280	(170,495)	-69%
IEPA Loan P&I	-	-	-	0%	-	-	-	0%	428,650	-	-	-	0%
DWC Loan P&I	-	-	-	0%	-	-	-	0%	54,929	-	-	-	0%
Capital Outlay	15,793	34,614	18,821	119%	15,793	34,614	18,821	119%	5,810,000	15,000	34,614	19,614	131%
Expenditure Totals	\$ 888,331	\$ 985,818	\$ 97,486	11%	\$ 888,331	\$ 985,818	\$ 97,486	11%	\$ 18,929,436	\$ 1,015,242	\$ 985,818	\$ (29,425)	-3%
Net Increase / (Decrease)	\$ 132,967	\$ 452	\$ (132,515)		\$ 132,967	\$ 452	\$ (132,515)		\$ (5,399,436)	\$ 44,716	\$ 452	\$ (44,264)	
Tfr. To Equip Replacement Fund		\$ 904,725				\$ 904,725				\$ 904,725			

Village of Carol Stream
Capital Budget Summary
For the Month Ended May 31, 2020

	MONTH				YTD				BUDGET*		
	Last Year May	Current Year May	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Actual	% of Total
CAPITAL PROJECTS FUND											
REVENUES											
Electricity Use Tax	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ 1,870,000	\$ -	0%
Real Estate Transfer Tax	-	46,923	46,923	100%	-	46,923	46,923	100%	750,000	46,923	6%
Telecommunications Tax	-	-	-	0%	-	-	-	0%	627,000	-	0%
Local Motor Fuel Tax	71,715	44,822	(26,893)	-38%	71,715	44,822	(26,893)	-38%	890,000	44,822	5%
Capital Grants	-	-	-	0%	-	-	-	0%	639,000	-	0%
Interest Income	14,879	4,061	(10,818)	-73%	14,879	4,061	(10,818)	-73%	110,000	4,061	4%
All Other / Miscellaneous	-	-	-	0%	-	-	-	0%	70,000	-	0%
Revenue Totals	\$ 86,594	\$ 95,806	\$ 9,212	11%	\$ 86,594	\$ 95,806	\$ 9,212	11%	\$ 4,956,000	\$ 95,806	2%
EXPENDITURES											
Roadway Improvements	\$ 58,970	\$ 5,650	\$ (53,321)	-90%	\$ 58,970	\$ 5,650	\$ (53,321)	-90%	\$ 1,745,000	\$ 5,650	0%
Facility Improvements	34,469	-	(34,469)	-100%	34,469	-	(34,469)	-100%	300,000	-	0%
Stormwater Improvements	200	2,043	1,843	921%	200	2,043	1,843	921%	1,316,000	2,043	0%
Miscellaneous	2,312	-	(2,312)	-100%	2,312	-	(2,312)	-100%	1,000	-	0%
Expenditure Totals	\$ 95,950	\$ 7,692	\$ (88,258)	-92%	\$ 95,950	\$ 7,692	\$ (88,258)	-92%	\$ 3,362,000	\$ 7,692	0%
Net Increase / (Decrease)	\$ (9,356)	\$ 88,113	\$ 97,470	-1042%	\$ (9,356)	\$ 88,113	\$ 97,470	-1042%	\$ 1,594,000	\$ 88,113	6%
MFT FUND											
REVENUES											
Motor Fuel Tax Allotments	\$ 87,899	\$ 117,778	\$ 29,879	34%	\$ 87,899	\$ 117,778	\$ 29,879	34%	\$ 1,657,000	\$ 117,778	7%
Capital Grants	-	436,185	436,185	100%	-	436,185	436,185	100%	-	436,185	100%
Interest Income	8,409	1,359	(7,050)	-84%	8,409	1,359	(7,050)	-84%	50,000	1,359	3%
Revenue Totals	\$ 96,308	\$ 555,322	\$ 459,014	477%	\$ 96,308	\$ 555,322	\$ 459,014	477%	\$ 1,707,000	\$ 555,322	33%
EXPENDITURES											
Street Resurfacing - Capital	\$ -	\$ 340	\$ 340	100%	\$ -	\$ 340	\$ 340	100%	\$ 3,255,000	\$ 340	0%
Crack Filling	-	-	-	0%	-	-	-	0%	100,000	-	0%
Expenditure Totals	\$ -	\$ 340	\$ 340	100%	\$ -	\$ 340	\$ 340	100%	\$ 3,355,000	\$ 340	0%
Net Increase / (Decrease)	\$ 96,308	\$ 554,982	\$ 458,674	476%	\$ 96,308	\$ 554,982	\$ 458,674	476%	\$ (1,648,000)	\$ 554,982	-34%

* Due to the uncertainty of timing of various capital improvement projects, no YTD budget estimates are shown.

Village of Carol Stream
Equipment Replacement Fund Budget Summary
 For the Month Ended May 31, 2020

EQUIPMENT REPLACEMENT FUND	MONTH				YTD				BUDGET*			
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Annual	YTD	% of	
	May	May	\$	%	YTD	YTD	\$	%	Budget	Actual	Total	
REVENUES												
Transfer - Engineering	\$ -	\$ -	-	0%	\$ -	\$ -	-	0%	\$ 7,206	\$ -	0%	
Transfer - Community Dev.	-	-	-	0%	-	-	-	0%	6,203	-	0%	
Transfer - Police	-	-	-	0%	-	-	-	0%	114,275	-	0%	
Transfer - PW Streets	-	-	-	0%	-	-	-	0%	304,283	-	0%	
Transfer - Municipal Building	-	-	-	0%	-	-	-	0%	1,500	-	0%	
Transfer - WRC	-	-	-	0%	-	-	-	0%	33,637	-	0%	
Transfer - Water	-	-	-	0%	-	-	-	0%	86,859	-	0%	
Revenue Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ 553,963	\$ -	0%	
EXPENDITURES												
Vehicles - Engineering	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	0%	
Vehicles - Community Dev.	-	-	-	0%	-	-	-	0%	-	-	0%	
Vehicles - Police	-	-	-	0%	-	-	-	0%	320,000	-	0%	
Vehicles - PW Streets	-	35,408	35,408	100%	-	35,408	35,408	100%	300,100	35,408	12%	
Vehicles - Municipal Building	-	-	-	0%	-	-	-	0%	-	-	0%	
Vehicles - WRC	-	-	-	0%	-	-	-	0%	-	-	0%	
Vehicles - Water	-	-	-	0%	-	-	-	0%	-	-	0%	
Expenditure Totals	\$ -	\$ 35,408	\$ 35,408	100%	\$ -	\$ 35,408	\$ 35,408	100%	\$ 620,100	\$ 35,408	6%	
Net Increase / (Decrease)	\$ -	\$ (35,408)	\$ (35,408)		\$ -	\$ (35,408)	\$ (35,408)		\$ (66,137)	\$ (35,408)		
Transfers to Establish Fund		\$ 3,979,582				\$ 3,979,582				\$ 3,979,582		

* Due to the uncertainty of timing of vehicle purchases, no YTD budget estimates are shown.

Village of Carol Stream
TIF Fund Budget Summary
 For the Month Ended May 31, 2020

NORTH/SCHMALE TIF	MONTH				YTD				BUDGET				
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Annual	YTD	YTD	Variance	
	May	May	\$	%	YTD	YTD	\$	%	Budget	Budget	Actual	\$ %	
REVENUES													
TIF Property Taxes	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ 396,000	\$ -	\$ -	\$ -	0%
Sales Taxes	-	8,246	8,246	100%	-	8,246	8,246	100%	104,000	8,667	8,246	(420)	-5%
Interest Income	700	297	(403)	-58%	700	297	(403)	-58%	10,000	833	297	(536)	-64%
Village Contribution	-	-	-	0%	-	-	-	0%	-	-	-	-	0%
Revenue Totals	700	8,544	7,844	1120%	700	8,544	7,844	1120%	510,000	9,500	8,544	(956)	-10%
EXPENDITURES													
Legal Fees	\$ 473	\$ -	\$ (473)	-100%	\$ 473	\$ -	\$ (473)	-100%	\$ 3,000	\$ 250	\$ -	\$ (250)	-100%
Consulting Fees	-	-	-	0%	-	-	-	0%	-	-	-	-	0%
Other Expenses	-	-	-	0%	-	-	-	0%	253,000	-	-	-	-
Expenditure Totals	\$ 473	\$ -	\$ (473)	-100%	\$ 473	\$ -	\$ (473)	-100%	\$ 256,000	\$ 250	\$ -	\$ (250)	-100%
Net Increase / (Decrease)	\$ 227	\$ 8,544	\$ 8,317		\$ 227	\$ 8,544	\$ 8,317		\$ 254,000	\$ 9,250	\$ 8,544	\$ (706)	

Village of Carol Stream
Police Pension Fund Budget Summary
For the Month Ended May 31, 2020

POLICE PENSION FUND	MONTH				YTD				BUDGET					
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Annual	YTD	YTD	Variance		
	May	May	\$	%	YTD	YTD	\$	%	Budget	Budget	Actual	\$	%	
REVENUES														
Investment Income	\$ 292	\$ 90	(203)	-69%	\$ 292	\$ 90	(203)	-69%	\$ 3,800,000	\$ 316,667	\$ 90	(316,577)	-100%	
Employee Contributions	51,698	47,228	(4,470)	-9%	51,698	47,228	(4,470)	-9%	660,000	55,000	47,228	(7,772)	-14%	
Village Contribution	218,792	237,529	18,737	9%	218,792	237,529	18,737	9%	2,850,352	237,529	237,529	(0)	0%	
Other Revenues	-	-	-	0%	-	-	-	0%	-	-	-	-	0%	
Revenue Totals	\$ 270,782	\$ 284,846	\$ 14,064	5%	\$ 270,782	\$ 284,846	\$ 14,064	5%	\$ 7,310,352	\$ 609,196	\$ 284,846	\$ (324,350)	-53%	
EXPENDITURES														
Investment and Admin Fees	\$ 8,088	\$ -	(8,088)	-100%	\$ 8,088	\$ -	(8,088)	-100%	\$ 159,600	\$ 13,300	\$ -	(13,300)	-100%	
Participant Benefit Payments	255,857	304,037	48,180	19%	255,857	304,037	48,180	19%	3,645,000	303,000	304,037	1,037	0%	
Expenditure Totals	\$ 263,944	\$ 304,037	\$ 40,092	15%	\$ 263,944	\$ 304,037	\$ 40,092	15%	\$ 3,804,600	\$ 316,300	\$ 304,037	\$ (12,263)	-4%	
Net Increase / (Decrease)	\$ 6,838	\$ (19,190)	\$ (26,028)		\$ 6,838	\$ (19,190)	\$ (26,028)		\$ 3,505,752	\$ 292,896	\$ (19,190)	\$ (312,086)		

Village of Carol Stream
State and Federal Asset Seizure Fund Summary
For the Month Ended May 31, 2000

	MONTH				YTD				BUDGET*		
	Last Year May	Current Year May	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Actual	% of Total
State Asset Seizure Fund											
REVENUES											
Transfer from General Fund	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	100%
State Drug Seizure	-	-	-	0%	-	-	-	0%	-	-	100%
State Money Laundering	-	-	-	0%	-	-	-	0%	-	-	100%
State Vehicle Seizure	-	1,365	1,365	100%	-	1,365	1,365	100%	-	1,365	100%
Revenue Totals	\$ -	\$ 1,365	\$ 1,365	100%	\$ -	\$ 1,365	\$ 1,365	100%	\$ -	\$ 1,365	100%
EXPENDITURES											
State Drug Seizure	-	-	-	0%	-	-	-	0%	108,350	-	100%
State Money Laundering	-	-	-	0%	-	-	-	0%	-	-	0%
State Vehicle Seizure	-	-	-	0%	-	-	-	0%	-	-	0%
Expenditure Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ 108,350	\$ -	100%
Net Increase / (Decrease)	\$ -	\$ 1,365	\$ 1,365	100%	\$ -	\$ 1,365	\$ 1,365	100%	\$ (108,350)	\$ 1,365	100%
Federal Asset Seizure Fund											
REVENUES											
Transfer from General Fund	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	100%
Federal DOJ Seizure	-	-	-	0%	-	-	-	0%	-	-	100%
Federal Treasury Seizure	-	-	-	0%	-	-	-	0%	-	-	100%
Revenue Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	-	\$ -	100%
EXPENDITURES											
Federal DOJ	\$ -	\$ 194	\$ 194	100%	-	194	194	100%	\$ 5,500	\$ 194	100%
Federal Treasury	-	-	-	0%	-	-	-	0%	-	-	0%
Expenditure Totals	\$ -	\$ 194	\$ 194	100%	\$ -	\$ 194	\$ 194	100%	\$ 5,500	\$ 194	100%
Net Increase / (Decrease)	\$ -	\$ (194)	\$ (194)	100%	\$ -	\$ (194)	\$ (194)	100%	\$ (5,500)	\$ (194)	100%

* Due to the uncertainty of timing of revenues and expenditures, no YTD budget estimates are shown.

Village of Carol Stream
Schedule of Cash and Investment Balances
 May 31, 2020

FUND	CASH	LGIPs*	INVESTMENTS	TOTAL CASH & INVESTMENTS	LAST YEAR 5/31/2019
GENERAL FUND	\$ 961,927.40	\$ 8,362,714.48	\$ -	\$ 9,324,641.88	\$ 12,036,842.62
WATER & SEWER FUND	591,768.16	11,600,800.35	-	12,192,568.51	12,040,916.99
CAPITAL PROJECTS FUND	169,637.77	6,504,662.32	-	6,674,300.09	7,418,862.67
MFT FUND	-	2,255,987.40	-	2,255,987.40	4,082,879.79
EQUIPMENT REPL. FUND	-	3,979,582.00	-	3,979,582.00	-
NORTH/SCHMALE TIF FUND	313,421.32	480,356.68	-	793,778.00	532,964.06
POLICE PENSION FUND	105,462.13	143,756.58	52,540,421.03	52,789,639.74	50,027,887.86
STATE ASSET SEIZURE FUND	272,569.82	-	-	272,569.82	-
FEDERAL ASSET SEIZURE FUND	154,570.53	-	-	154,570.53	-
TOTAL	<u>\$ 2,569,357.13</u>	<u>\$ 33,327,859.81</u>	<u>\$ 52,540,421.03</u>	<u>\$ 88,437,637.97</u>	<u>\$ 86,140,353.99</u>

* Local Government Investment Pools (LGIP) include the Illinois Funds and IMET.