



Jacobs Carol Stream Water Reclamation Staff

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Operations Supervisor

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Wastewater Operators

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Thank You to Our Supporters



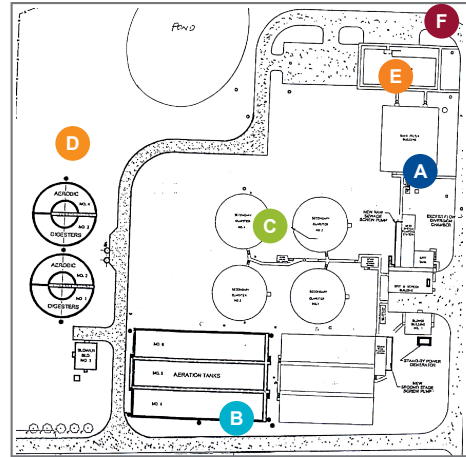
www.theconservationfoundation.org

Just A Taste
Confections

www.justatasteconfections.com



106 North Ave.
www.dunkindonuts.com



Water Reclamation Center Process Flow Diagram

- A** Main pumping station: Three (3) 51'9" long screw pumps, each capable of pumping 14 million gallons per day of wastewater, lift wastewater from 22' below ground up to the grit chamber and the 3 rotating fine screens that make up the first stage of treatment.
- B** Six (6) aeration tanks. The aeration tanks can be 200' in length and 22' deep. Air pumped into the aeration tanks speeds up the natural oxidation process where microorganisms consume the dissolved organic matter in the wastewater.
- C** Four (4) secondary 85' diameter clarifiers provide a quiet zone to allow for the separation of the clean water and the heavier organic solids.
- D** Two (2) 95' diameter digesters treat the heavier organic solids that settle to the bottom of the secondary clarifiers.
- E** The tertiary sand filters further treat the cleaner wastewater received from the secondary clarifiers. The wastewater "filters" out remaining suspended solids as it passes through the layer of sand.
- F** Chlorination and disinfection of the wastewater, is provided by injecting a solution of chlorine and water to destroy any disease-causing organisms remaining in the wastewater. The treated wastewater is discharged to Klein Creek.

Village of Carol Stream

WRC OPEN HOUSE

Saturday, October 5

10:00 a.m. to 2:00 p.m.

Guided Plant Tours

Hay Rides

Touch-A-Truck

Interactive Exhibits

Free Pumpkins

Wall Hand-Painting

Duck Races

Rain Barrel Raffle

courtesy of The Conservation Foundation

Free Chocolate Lollipops

courtesy of Just a Taste Confections of Carol Stream

Free Refreshments

courtesy of Dunkin' Donuts at 106 North Ave.

Thomas R. Vinson

Water Reclamation Center

245 Kuhn Road, 630.653.5499



WRC Open House

The Mayor, Board of Trustees of the Village of Carol Stream, and the operating staff of Jacobs welcome you to our Water Reclamation Center Open House. We hope that your visit will be both enjoyable and educational.

The plant is always in operation, so we ask that you take extra precautions during your visit, especially during the guided tour. Children should be taken firmly by the hand throughout the tour.

Attendees may also enter into a drawing to win a FREE rain barrel courtesy of The Conservation Foundation!

Please contact the Carol Stream Public Works Department at 630-871-6260 with any questions prior to the event. If we can be of any service during your visit, please do not hesitate to approach a staff member.



TOURS

Guided tours of the facility may be taken from 10:00 a.m. until 2:00 p.m. Children must be accompanied by an adult.

Pumpkins are available for children. Please ask a staff member.

EXHIBITS

- Carol Stream Public Library
- ComEd
- Chicago Bird Collision Monitors
- DuPage County Stormwater Management
- DuPage River Salt Creek Workgroup
- Forest Preserve District of DuPage County
- S.C.A.R.C.E.

CAROL STREAM VILLAGE OFFICIALS

Mayor

Frank Saverino

Village Clerk

Laura Czarnecki

Village Manager

Bob Mellor

Public Works Director

Phil Modaff

Village Trustees

Mary Frusolone

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Matt McCarthy

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